

SNL 2004



Sandia National Laboratories

Operated for the U.S. Department of Energy by
Sandia Corporation

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February 6, 2004

Mr. William P. Moats
New Mexico Environment Department
Hazardous Waste Bureau
Permits Management Program
2905 Rodeo Park Road
Building E
Santa Fe, NM 87505



Dear Mr. Moats:

Enclosed please find a compilation of monitoring well construction diagrams contained in the Sandia National Laboratories (SNL) Environmental Restoration (ER) Project Well Database. This information was requested in the New Mexico Environment Department (NMED) comments on the SNL Comprehensive Part B Permit Request for Resource Conservation and Recovery Act (RCRA) regulated waste storage and treatment operations. As you indicated, the NMED intends to maintain this information as a reference document to the Part B submittal. Due to the limited general utility (and large volume) of the well information, we are transmitting only one copy of this document.

The enclosed compilation includes all wells contained in the ER Project Well Database, presented in alphabetical order. The database includes construction diagrams for all SNL monitoring wells, as well as construction diagrams for most wells located on Kirtland Air Force Base and for some wells in the vicinity (e.g., a Veterans Administration Hospital well).

If you have any questions regarding this submittal, please feel free to contact me at (505) 284-2577.

Sincerely,

Francis B. Nimick
Project Manager



cc w/o enclosures:

S. Martin, NMED

J. Kieling, NMED

L. King, USEPA, Region VI

K. Thomas, USEPA, Region VI

M. Gardipe, DOE/AL/ASC

M. Reynolds, DOE/SSO

C. Voorhees, NMED-OB, Santa Fe

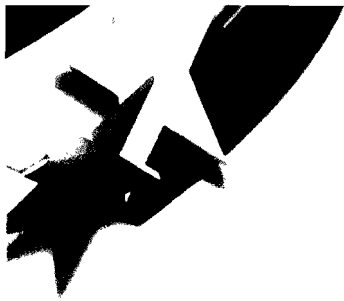
D. Bierley, NMED-OB

J. Estrada, DOE/SSO

A. Blumberg, SNL, MS 0141

F. Nimick, SNL, MS 1089

A. Reiser, SNL, MS 1151



Compilation of Monitoring Well Construction Diagrams Contained in SNL/ER Project Well Database

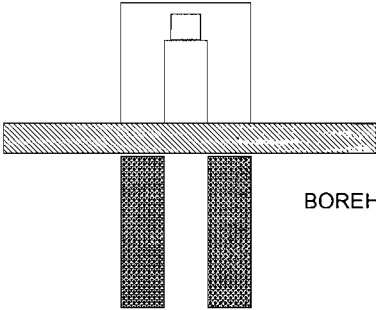



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for the United States Department of Energy's National Nuclear Security Administration
under contract DE-AC04-94AL85000.



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: DRAIN/SEPTIC SYSTEMS | Geo Location: E. OF TA-II, ROBOTIC V. RANGE |
| ER ADS #: 1295 | Well Completion Date: 04-JUN-2003 |
| Well Name: 1004-VW-01 | Completion Zone: SAND, SILT, GRAVEL |
| Well Name: SNL-NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 03-JUN-2003 | Well Comment: FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: LAYNE | |
| Drilling Method: TRIPLE WALL | |
| Borehole Depth: 150 | |
| Casing Depth: | |

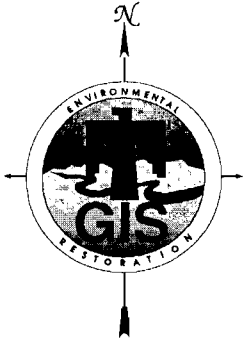
| | | |
|---------------------------------------|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: 06-AUG-2003 | | |
| Surveyed By: SNL GIS, HELFRICH | | |
| State Plane Coordinates | | |
| (X) Easting: 418328.9 | | |
| (Y) Northing: 1470239.7 | | |
| Surveyed Elevations (FAMSL) | | |

| | | |
|---|--------------------------|--------------------------|
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | | |
|  | Interval | Start Stop |
| | BOREHOLE | 0' 150' |
| | | O.D. 11" |
| | Interval | Start Stop |
| | 8-12 SILICA SAND | 0' 150' |
| | Interval | Start Stop |
| | SGSP 5 | 5' |
| Interval | Start Stop | |
| | SGSP 20 | 20' |
| Interval | Start Stop | |
| | SGSP 70 | 70' |
| Interval | Start Stop | |
| | SGSP 100 | 100' |
| Interval | Start Stop | |
| | SGSP 150 | 150' |

| | |
|--|-------------------------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: (FAMSL) | |
| Initial Depth To Water: (FBGS) | |
| Last measured water level was | FASL |
| ured on | |
| Date Updated: 22-AUG-03 | Date Printed: 12-JAN-2004 |

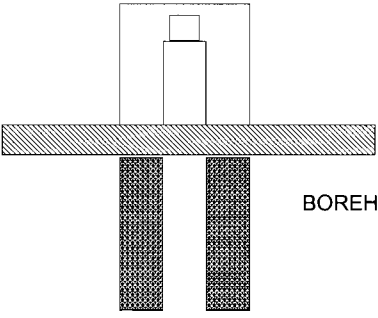
WELL DATABASE SUMMARY SHEET

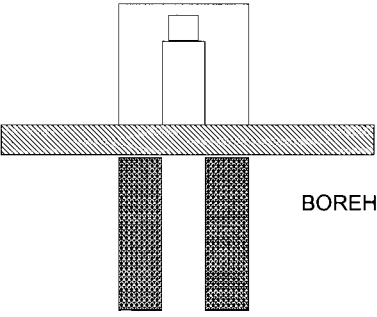
| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | E. OF TA-II, ROBOTIC V. RANGE |
| ER ADS #: | 1295 | Well Completion Date: | 04-JUN-2003 |
| Well Name: | 1004-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Well Owner Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 03-JUN-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: DRAIN/SEPTIC SYSTEMS | Geo Location: TA-I, W. OF BLDG. 803 |
| ER ADS #: 1295 | Well Completion Date: 01-JUN-2003 |
| Well Name: 1052-VW-01 | Completion Zone: SAND, SILT, GRAVEL |
| Owner Name: SNL-NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 30-MAY-2003 | Well Comment: FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: LAYNE | |
| Drilling Method: TRIPLE WALL | |
| Borehole Depth: 150 | |
| Casing Depth: | |

| | | |
|---------------------------------------|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: 14-AUG-2003 | | |
| Surveyed By: SNL GIS, HELFRICH | | |
| State Plane Coordinates | | |
| (X) Easting: 410565.7 | | |
| (Y) Northing: 1474413.7 | | |
| Surveyed Elevations (FAMSL) | | |

| | | |
|----------------------------------|---|---|
| Protective Casing: | Casing Stickup:  | |
| Top of Inner Well Casing: | Interval BOREHOLE | Start 0' Stop 150' O.D. 11" |
| Concrete Pad: | Interval 8-12 SILICA SAND | Start 0' Stop 150' |
| Ground Surface: | Interval SGSP 5 | Start Stop 5' |
| | Interval SGSP 20 | Start Stop 20' |
| | Interval SGSP 70 | Start Stop 70' |
| | Interval SGSP 100 | Start Stop 100' |
| | Interval SGSP 150 | Start Stop 150' |



| |
|--|
| Calculated Depths and Elevations |
| Initial Water Elevation: (FAMSL) |
| Initial Depth To Water: (FBGS) |

Last measured water level was **FASL**
asured on

Date Updated: 22-AUG-03 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | TA-I, W. OF BLDG. 803 |
| ER ADS #: | 1295 | Well Completion Date: | 01-JUN-2003 |
| Well Name: | 1052-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Well ID Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 30-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: DRAIN/SEPTIC SYSTEMS | Geo Location: CENTRAL TA-III WEST OF B. 6650 |
| ER ADS #: 1295 | Well Completion Date: 18-MAY-2003 |
| Well Name: 1081-VW-01 | Completion Zone: SAND, SILT, GRAVEL |
| Well ID Name: SNL-NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 16-MAY-2003 | Well Comment: FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: LAYNE | |
| Drilling Method: TRIPLE WALL | |
| Borehole Depth: 150 | |
| Casing Depth: | |

Survey Data

Survey Date: 14-AUG-2003
Surveyed By: SNL GIS, HELFRICH

State Plane Coordinates

(X) Easting: 412692.1
(Y) Northing: 1449888.9

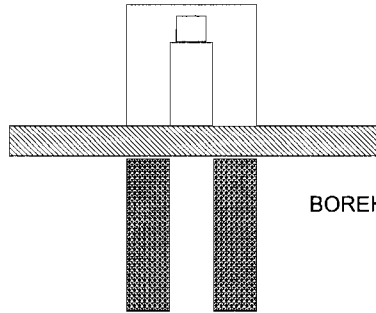
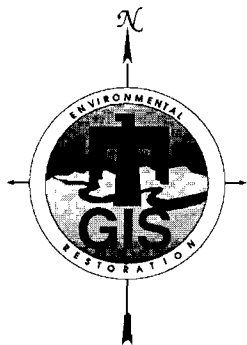
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface:



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|------------------|-------|------|
| BOREHOLE | 0' | 150' |
| | O.D. | 11" |
| Interval | Start | Stop |
| 8-12 SILICA SAND | 0' | 150' |
| Interval | Start | Stop |
| SGSP 5 | | 5' |
| Interval | Start | Stop |
| SGSP 20 | | 20' |
| Interval | Start | Stop |
| SGSP 70 | | 70' |
| Interval | Start | Stop |
| SGSP 100 | | 100' |
| Interval | Start | Stop |
| SGSP 150 | | 150' |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 21-AUG-03
Date Printed: 12-JAN-2004

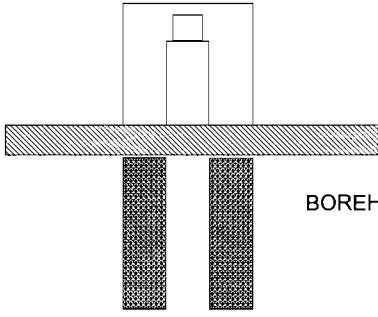

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | CENTRAL TA-III WEST OF B. 6650 |
| ER ADS #: | 1295 | Well Completion Date: | 18-MAY-2003 |
| Well Name: | 1081-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Driller Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 16-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: DRAIN/SEPTIC SYSTEMS | Geo Location: NE OF TA-III, SW OF MO228-230 |
| ER ADS #: 1295 | Well Completion Date: 10-JUN-2003 |
| Well Name: 1092-VW-01 | Completion Zone: SAND, SILT, GRAVEL |
| Well ID Name: SNL-NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 06-JUN-2003 | Well Comment: FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: LAYNE | |
| Drilling Method: TRIPLE WALL | |
| Borehole Depth: 150 | |
| Casing Depth: | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-----------------|------|--|----------|----|------|--|--|--|--|-----------------|----------|-------|------|--|------------------|----|------|--|----------|-------|------|--|--------|--|----|--|----------|-------|------|--|---------|--|-----|--|----------|-------|------|--|---------|--|-----|--|----------|-------|------|--|----------|--|------|--|----------|-------|------|--|----------|--|------|--|
| Survey Date: 14-AUG-2003 Surveyed By: SNL GIS, HELFRINCH State Plane Coordinates (X) Easting: 413388.8 (Y) Northing: 1454405.2 | Casing Stickup: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 10%;">Start</th> <th style="width: 10%;">Stop</th> <th style="width: 40%;"></th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>150'</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">O.D. 11"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>8-12 SILICA SAND</td> <td>0'</td> <td>150'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SGSP 5</td> <td></td> <td>5'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SGSP 20</td> <td></td> <td>20'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SGSP 70</td> <td></td> <td>70'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>STET 100</td> <td></td> <td>100'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SGSP 150</td> <td></td> <td>150'</td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | | BOREHOLE | 0' | 150' | | | | | O.D. 11" | Interval | Start | Stop | | 8-12 SILICA SAND | 0' | 150' | | Interval | Start | Stop | | SGSP 5 | | 5' | | Interval | Start | Stop | | SGSP 20 | | 20' | | Interval | Start | Stop | | SGSP 70 | | 70' | | Interval | Start | Stop | | STET 100 | | 100' | | Interval | Start | Stop | | SGSP 150 | | 150' | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 150' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | O.D. 11" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-12 SILICA SAND | 0' | 150' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 5 | | 5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 20 | | 20' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 70 | | 70' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STET 100 | | 100' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 150 | | 150' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) Protective Casing: Top of Inner Well Casing: Concrete Pad: Ground Surface: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) Initial Depth To Water: (FBGS) Last measured water level was | FASL asured on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 21-AUG-03 Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

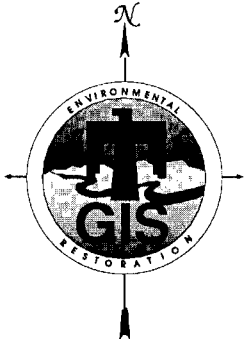
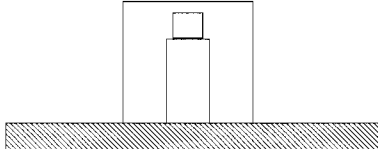
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | NE OF TA-III, SW OF MO228-230 |
| ER ADS #: | 1295 | Well Completion Date: | 10-JUN-2003 |
| Well Name: | 1092-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| er Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 06-JUN-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | SITE 12A PIEZOMETER | Geo Location: | SOUTH END OF 12A |
| ER ADS #: | 1333 | Well Completion Date: | 19-NOV-1996 |
| Well Name: | 12AUP01 | Completion Zone: | BEDROCK-ALLUVIUM CONTACT |
| Driller Name: | SNL | Formation of Completion: | ALLUVIUM |
| Date Drilling Started: | 19-NOV-1996 | Well Comment: | No sampling, auger cuttings logged, dry when installed |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | HOLLOW STEM AUGER | | |
| Borehole Depth: | 58.09 | | |
| Casing Depth: | 58.09 | | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date:</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting:</p> <p>(Y) Northing:</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing:</p> <p>Concrete Pad:</p> <p>Ground Surface:</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: (FAMSL)</p> <p>Initial Depth To Water: (FBGS)</p> <p>Last measured water level was FASL</p> <p>Measured on</p> <p>Date Updated: 14-MAR-00</p> <p>Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup: 1.92</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>CUTTINGS/SAND</td> <td>0'</td> <td>48'</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>52.54'</td> <td></td> </tr> <tr> <td>SCHEDULE 40 PVC</td> <td></td> <td>O.D. 2"</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>58.09'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D. 7.75"</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>SEAL</td> <td>48'</td> <td>50'</td> <td></td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>PRIMARY PACK</td> <td>50'</td> <td>58.09'</td> <td></td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>SCREEN</td> <td>52.54'</td> <td>57.54'</td> <td></td> </tr> <tr> <td>SCH 40 PVC</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size</td> <td>.01"</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>BOTTOM CAP/SUMP</td> <td>57.54'</td> <td>58.09'</td> <td></td> </tr> <tr> <td>SCHEDULE 40 PVC</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | | CUTTINGS/SAND | 0' | 48' | | Interval | Start | Stop | | CASING | 0' | 52.54' | | SCHEDULE 40 PVC | | O.D. 2" | | Interval | Start | Stop | | BOREHOLE | 0' | 58.09' | | | | O.D. 7.75" | | Interval | Start | Stop | | SEAL | 48' | 50' | | BENTONITE PELLETS | | | | Interval | Start | Stop | | PRIMARY PACK | 50' | 58.09' | | 10/20 SILICA SAND | | | | Interval | Start | Stop | | SCREEN | 52.54' | 57.54' | | SCH 40 PVC | | | | | | Slot Size | .01" | Interval | Start | Stop | | BOTTOM CAP/SUMP | 57.54' | 58.09' | | SCHEDULE 40 PVC | | | |
|---|---|---|----------|-------|------|--|---------------|----|-----|--|----------|-------|------|--|--------|----|--------|--|-----------------|--|---------|--|----------|-------|------|--|----------|----|--------|--|--|--|------------|--|----------|-------|------|--|------|-----|-----|--|-------------------|--|--|--|----------|-------|------|--|--------------|-----|--------|--|-------------------|--|--|--|----------|-------|------|--|--------|--------|--------|--|------------|--|--|--|--|--|------------------|------|----------|-------|------|--|-----------------|--------|--------|--|-----------------|--|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CUTTINGS/SAND | 0' | 48' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 52.54' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 40 PVC | | O.D. 2" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 58.09' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.75" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 48' | 50' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 50' | 58.09' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 52.54' | 57.54' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 40 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size | .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOTTOM CAP/SUMP | 57.54' | 58.09' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 40 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

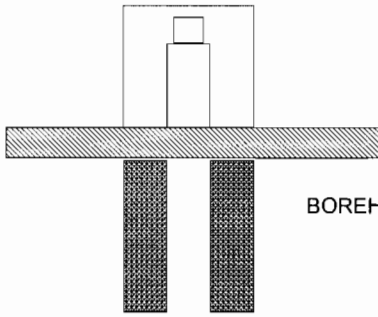

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | SITE 12A PIEZOMETER | Geo Location: | SOUTH END OF 12A |
| ER ADS #: | 1333 | Well Completion Date: | 19-NOV-1996 |
| Well Name: | 12AUP01 | Completion Zone: | BEDROCK-ALLUVIUM CONTACT |
| Well ID Name: | SNL | Formation of Completion: | ALLUVIUM |
| Date Drilling Started: | 19-NOV-1996 | Well Comment: | No sampling, auger cuttings logged, dry when installed |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | HOLLOW STEM AUGER | | |
| Borehole Depth: | 58.09 | | |
| Casing Depth: | 58.09 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: DRAIN/SEPTIC SYSTEMS | Geo Location: NE TA-III, WEST OF BLDG. 6540 |
| ER ADS #: 1295 | Well Completion Date: 15-MAY-2003 |
| Well Name: 137-VW-01 | Completion Zone: SAND, SILT, GRAVEL |
| Driller Name: SNL-NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 13-MAY-2003 | Well Comment: FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: LAYNE | |
| Drilling Method: TRIPLE WALL | |
| Borehole Depth: 150 | |
| Casing Depth: | |

| | | |
|---|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: 14-AUG-2003 | | |
| Surveyed By: SNL GIS, HELFRICH | | |
| State Plane Coordinates | | |
| (X) Easting: 412921.6 | | |
| (Y) Northing: 1452801.5 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | | |
|  | | |
| | Casing Stickup: | |
| | Interval | Start Stop |
| | BOREHOLE | 0' 150' |
| | | O.D. 11" |
| | Interval | Start Stop |
| | 8-12 SILICA SAND | 0' 150' |
| | Interval | Start Stop |
| | SGSP 5 | 5' |
| | Interval | Start Stop |
| | SGSP 20 | 20' |
| | Interval | Start Stop |
| | SGSP 70 | 70' |
| | Interval | Start Stop |
| | SGSP 100 | 100' |
| | Interval | Start Stop |
| | SGSP 150 | 150' |
| Calculated Depths and Elevations | | |
| Initial Water Elevation: (FAMSL) | | |
| Initial Depth To Water: (FBGS) | | |
| Last measured water level was | FASL | |
| asured on | | |
| Date Updated: 20-AUG-03 | Date Printed: 12-JAN-2004 | |

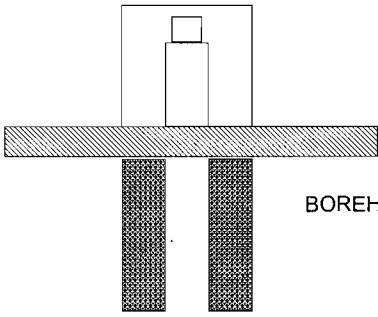
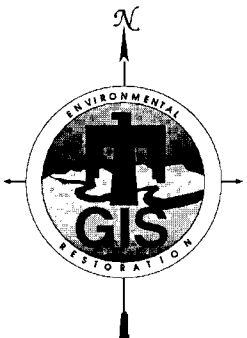
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | NE TA-III, WEST OF BLDG. 6540 |
| ER ADS #: | 1295 | Well Completion Date: | 15-MAY-2003 |
| Well Name: | 137-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Operator Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



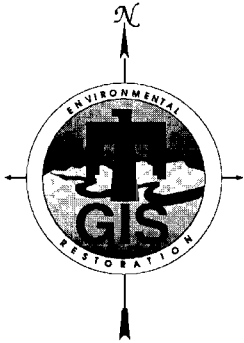
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | SOUTH END OF TA-II AT SWMU 159 |
| ER ADS #: | 1295 | Well Completion Date: | 29-MAY-2003 |
| Well Name: | 159-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Driller Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 27-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |

| | | |
|---|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: 06-AUG-2003 | | |
| Surveyed By: SNL GIS, HELFRICH | | |
| State Plane Coordinates | | |
| (X) Easting: 413188.1 | | |
| (Y) Northing: 1469463.1 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | | |
|  | | |
| Calculated Depths and Elevations | | |
| Initial Water Elevation: (FAMSL) | | |
| Initial Depth To Water: (FBGS) | | |
| Last measured water level was | FASL | |
| Measured on | | |
| Date Updated: 21-AUG-03 | Date Printed: 12-JAN-2004 | |

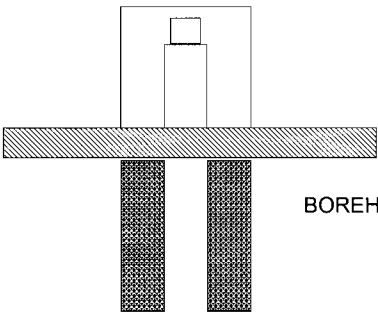

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | SOUTH END OF TA-II AT SWMU 159 |
| ER ADS #: | 1295 | Well Completion Date: | 29-MAY-2003 |
| Well Name: | 159-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| er Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 27-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | S. TA-II, SE OF SWMU 165 |
| ER ADS #: | 1295 | Well Completion Date: | 21-MAY-2003 |
| Well Name: | 165-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Driller Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|------|--|----------|----|------|----------|------------------|----|------|--|--------|--|--|----|---------|--|--|-----|---------|--|--|-----|----------|--|--|------|----------|--|--|------|--|
| Survey Date: 06-AUG-2003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: SNL GIS, HELFRICH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 412783.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1469640.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Casing Stickup: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>150'</td> <td>O.D. 11"</td> </tr> <tr> <td>8-12 SILICA SAND</td> <td>0'</td> <td>150'</td> <td></td> </tr> <tr> <td>SGSP 5</td> <td></td> <td></td> <td>5'</td> </tr> <tr> <td>SGSP 20</td> <td></td> <td></td> <td>20'</td> </tr> <tr> <td>SGSP 70</td> <td></td> <td></td> <td>70'</td> </tr> <tr> <td>SGSP 100</td> <td></td> <td></td> <td>100'</td> </tr> <tr> <td>SGSP 150</td> <td></td> <td></td> <td>150'</td> </tr> </tbody> </table> | Interval | Start | Stop | | BOREHOLE | 0' | 150' | O.D. 11" | 8-12 SILICA SAND | 0' | 150' | | SGSP 5 | | | 5' | SGSP 20 | | | 20' | SGSP 70 | | | 70' | SGSP 100 | | | 100' | SGSP 150 | | | 150' | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 150' | O.D. 11" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8-12 SILICA SAND | 0' | 150' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 5 | | | 5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 20 | | | 20' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 70 | | | 70' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 100 | | | 100' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 150 | | | 150' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was asured on | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|----------------------|----------------------|
| Date Updated: | Date Printed: |
| 21-AUG-03 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | DRAIN/SEPTIC SYSTEMS | Geo Location: | S. TA-II, SE OF SWMU 165 |
| ER ADS #: | 1295 | Well Completion Date: | 21-MAY-2003 |
| Well Name: | 165-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Owner Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-MAY-2003 | Well Comment: | FLUTE SOIL VAPOR WELL. SOIL GAS SAMPLING PORTS (SGSP) AT 5, 20, 70, 100 AND 150 FT DEPTHS |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | TRIPLE WALL | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | S. OF TAIL, N. OF T. ARROYO |
| ER ADS #: | 1303 | Well Completion Date: | 29-MAR-2001 |
| Well Name: | 227-VW-01 | Completion Zone: | SILT, SAND & GRAVEL |
| Driller Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 26-MAR-2001 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 275 | | |
| Casing Depth: | | | |

Survey Data

Survey Date: 19-JUN-2001
Surveyed By: ASCI, VLADIMIR JIRIK

State Plane Coordinates

(X) Easting: 413761.01
(Y) Northing: 1468752.97

Surveyed Elevations (FAMSL)

Protective Casing: 5354.03

Top of Inner Well Casing:

Concrete Pad: 5351.8

Ground Surface: 5351.5



Completion Data Measured Depths (FBGS)

Casing Stickup:

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 275' |
| | | O.D. 8" |

| | | |
|------------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 0' | 275' |
| 8-12 SILICA SAND | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SGSP 25 | | 25' |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SGSP 50 | | 75' |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SGSP 125 | | 125' |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SGSP 175 | | 175' |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SGSP 225 | | 225' |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SGSP 275 | | 275' |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 11-MAR-02
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

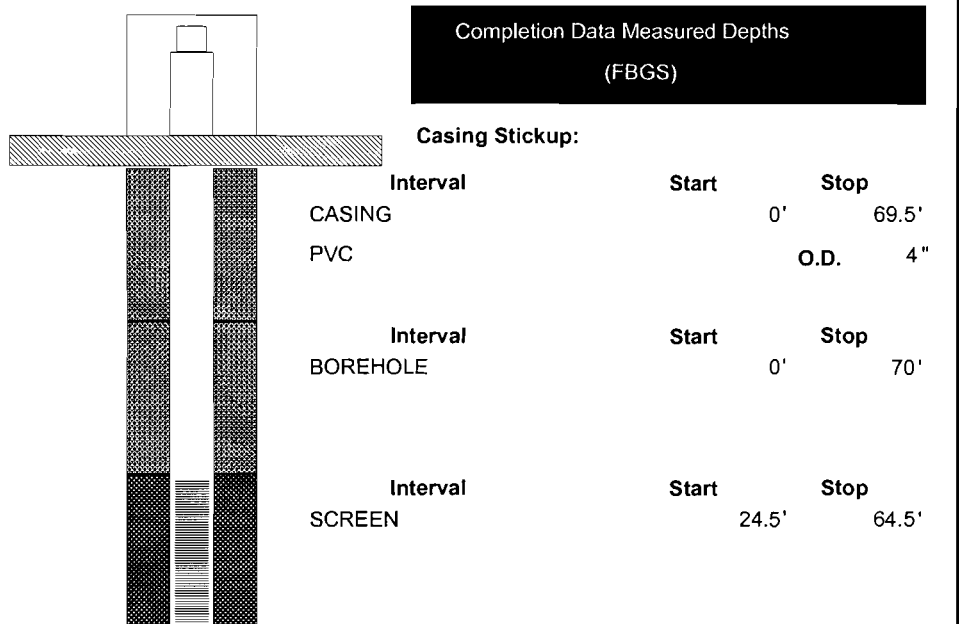
| | | | |
|------------------------|-------------------|--------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | S. OF TAIL, N. OF T. ARROYO |
| ER ADS #: | 1303 | Well Completion Date: | 29-MAR-2001 |
| Well Name: | 227-VW-01 | Completion Zone: | SILT, SAND & GRAVEL |
| r Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 26-MAR-2001 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 275 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|---|
| Project Name: CITY WATER SUPPLY | Geo Location: 50°N TIJ CRK E SIDE 4 HILLS RD |
| ER ADS #: NA | Well Completion Date: |
| Well Name: 4HILLS-1 | Completion Zone: BEDROCK CHIPS TO 12MM |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANDIA GRANITE |
| Date Drilling Started: | |
| Drilling Contractor: | Well Comment: CITY MONITORING WELL FOR RECHARGE TO AQUIFER. LOCATED EAST OF SANDIA FAULT COMPLEX. SUSPECT ELEVATION. |
| Drilling Method: | |
| Borehole Depth: 70 | WATER LEVEL ELEVATION CONFLICTS WITH HYDROGRAPH IN WELL FILE. |
| Casing Depth: 69.5 | |

| | |
|--|---|
| Survey Data | Completion Data Measured Depths (FBGS) |
| Survey Date: | |
| Surveyed By: | |
| State Plane Coordinates | |
| (X) Easting: 426926 | |
| (Y) Northing: 1475221 | |
| Surveyed Elevations (FAMSL) | |
| Protective Casing: | |
| Top of Inner Well Casing: 5668.67 | |
| Concrete Pad: | |
| Ground Surface: 5689.942 | |



| | |
|--|----------------------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: 5615.67 (FAMSL) | |
| Initial Depth To Water: 53 (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | SW OF TA IV, N. OF T. ARROYO |
| ER ADS #: | 1303 | Well Completion Date: | 25-MAR-2001 |
| Well Name: | 46-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| er Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-MAR-2001 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 270 | | |
| Casing Depth: | | | |

Survey Data

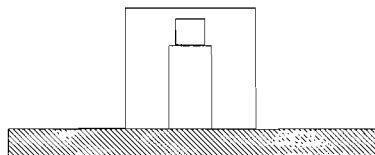
Survey Date: 19-JUN-2001
Surveyed By: ASCI, VLADIMIR JIRIK

State Plane Coordinates

(X) Easting: 411752.03
(Y) Northing: 1467573.09

Surveyed Elevations (FAMSL)

Protective Casing: 5388.66
Top of Inner Well Casing:
Concrete Pad: 5386.58
Ground Surface: 5386.1



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|------------------|-------|--------|
| 8-12 SILICA SAND | 0' | 268.5' |

| Interval | Start | Stop |
|----------|-------|------|
| BOREHOLE | 0' | 270' |
| O.D. | | 8" |

| Interval | Start | Stop |
|------------------|--------|------|
| PLUGBACK | 268.5' | 270' |
| NATURAL BACKFILL | | |

| Interval | Start | Stop |
|----------|-------|------|
| SGSP 15 | | 15' |

| Interval | Start | Stop |
|------------------|-------|------|
| SGSP 65 | | 65' |
| 8-12 SILICA SAND | | |

| Interval | Start | Stop |
|------------------|-------|------|
| SGSP 115 | | 115' |
| 8-12 SILICA SAND | | |

| Interval | Start | Stop |
|------------------|-------|------|
| SGSP 165 | | 165' |
| 8-12 SILICA SAND | | |

| Interval | Start | Stop |
|------------------|-------|------|
| SGSP 215 | | 215' |
| 8-12 SILICA SAND | | |

| Interval | Start | Stop |
|------------------|-------|------|
| SGSP 265 | | 265' |
| 8-12 SILICA SAND | | |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-02
Date Printed: 12-JAN-2004

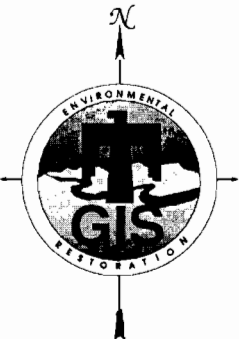
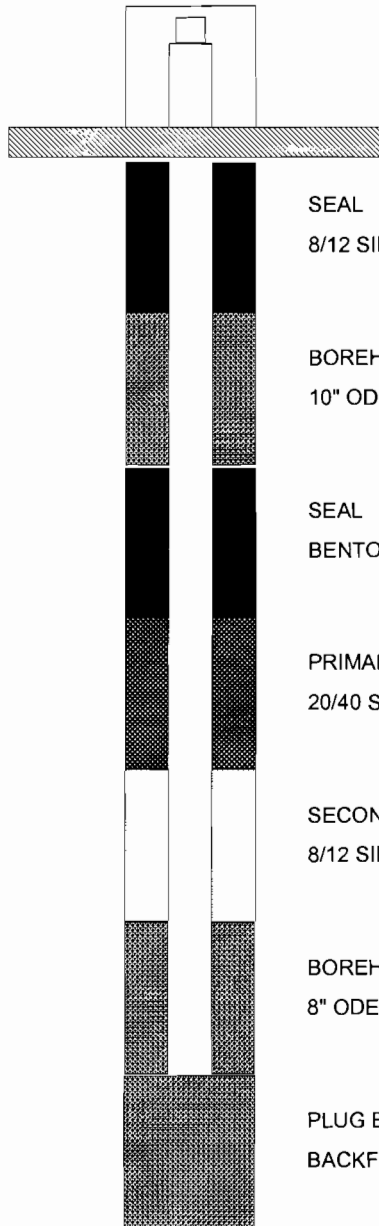
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | SW OF TA IV, N. OF T. ARROYO |
| ER ADS #: | 1303 | Well Completion Date: | 25-MAR-2001 |
| Well Name: | 46-VW-01 | Completion Zone: | SAND, SILT, GRAVEL |
| Well ID Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-MAR-2001 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 270 | | |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: S. OF TA IV, N. SIDE T. ARROYO |
| ER ADS #: 1303 | Well Completion Date: 01-MAR-2001 |
| Well Name: 46-VW-02 | Completion Zone: SAND, SILT, CLAY, GRAVEL |
| er Name: SNL-NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 06-FEB-2001 | Well Comment: **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: LAYNE | |
| Drilling Method: ODEX | |
| Borehole Depth: 300 | |
| Casing Depth: | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|-------------|--|--|--|----------|-------|------|------|----|----|------------------|--|--|-----------------|--------------|-------------|----------|----|------|----------|--|----------|-----------------|--------------|-------------|------|----|----|-------------------|--|--|-----------------|--------------|-------------|--------------|----|-----|-------------------|--|--|-----------------|--------------|-------------|----------------|-----|------|------------------|--|--|-----------------|--------------|-------------|----------|------|------|---------|--|---------|-----------------|--------------|-------------|-----------|------|------|----------------|--|--|-----------------|--------------|-------------|---------|--|-----|-----------------|--------------|-------------|---------|--|-----|
| Survey Date: 19-JUN-2001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: ASCI, VLADIMIR JIRIK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 412474.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1467014.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: 5344.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5341.99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5341.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Casing Stickup: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SEAL</td> <td>0'</td> <td>6'</td> </tr> <tr> <td>8/12 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>145'</td> </tr> <tr> <td>10" ODEX</td> <td></td> <td>O.D. 10"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL</td> <td>6'</td> <td>8'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>8'</td> <td>10'</td> </tr> <tr> <td>20/40 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SECONDARY PACK</td> <td>10'</td> <td>296'</td> </tr> <tr> <td>8/12 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>145'</td> <td>300'</td> </tr> <tr> <td>8" ODEX</td> <td></td> <td>O.D. 8"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>296'</td> <td>300'</td> </tr> <tr> <td>BACKFILL/CAVED</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SGSP 46</td> <td></td> <td>46'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SGSP 96</td> <td></td> <td>96'</td> </tr> </tbody> </table> | Interval | Start | Stop | SEAL | 0' | 6' | 8/12 SILICA SAND | | | Interval | Start | Stop | BOREHOLE | 0' | 145' | 10" ODEX | | O.D. 10" | Interval | Start | Stop | SEAL | 6' | 8' | BENTONITE PELLETS | | | Interval | Start | Stop | PRIMARY PACK | 8' | 10' | 20/40 SILICA SAND | | | Interval | Start | Stop | SECONDARY PACK | 10' | 296' | 8/12 SILICA SAND | | | Interval | Start | Stop | BOREHOLE | 145' | 300' | 8" ODEX | | O.D. 8" | Interval | Start | Stop | PLUG BACK | 296' | 300' | BACKFILL/CAVED | | | Interval | Start | Stop | SGSP 46 | | 46' | Interval | Start | Stop | SGSP 96 | | 96' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 0' | 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/12 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 145' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10" ODEX | | O.D. 10" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 6' | 8' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 8' | 10' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/40 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 10' | 296' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/12 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 145' | 300' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8" ODEX | | O.D. 8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 296' | 300' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BACKFILL/CAVED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 46 | | 46' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SGSP 96 | | 96' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 20-FEB-02 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

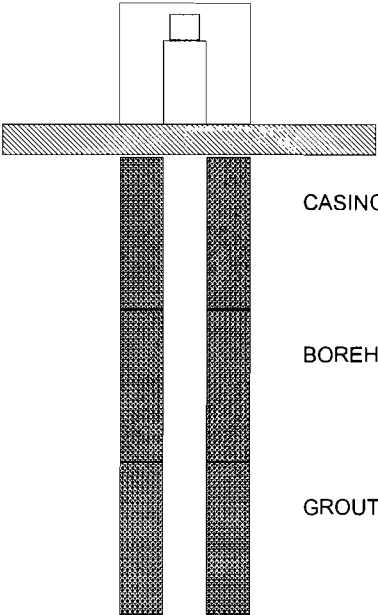
| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | S. OF TA IV, N. SIDE T. ARROYO |
| ER ADS #: | 1303 | Well Completion Date: | 01-MAR-2001 |
| Well Name: | 46-VW-02 | Completion Zone: | SAND, SILT, CLAY, GRAVEL |
| Well ID Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 06-FEB-2001 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 300 | | |
| Casing Depth: | | | |



| Interval | Start | Stop |
|----------|-------|------|
| SGSP 146 | | 146' |
| Interval | Start | Stop |
| SGSP 196 | | 196' |
| Interval | Start | Stop |
| SGSP 246 | | 246' |
| Interval | Start | Stop |
| SGSP 296 | | 296' |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SEISMIC LAB | Geo Location: ALBUQUERQUE SEISMIC LABORATORY |
| ER ADS #: NA | Well Completion Date: 01-AUG-1973 |
| Well Name: ASL BH 1 | Completion Zone: BEDROCK |
| Well ID Name: USGS | Formation of Completion: SANDIA GRANITE |
| Date Drilling Started: 01-AUG-1973 | Well Comment: SEISMIC BOREHOLES COMPLETED FOR INSTRUMENTATION - NOT WATER WELLS |
| Drilling Contractor: | |
| Drilling Method: AIR HAMMER | |
| Borehole Depth: 508.5 | NOT A WATER WELL |
| Casing Depth: 498.8 | |

| | | |
|------------------------------------|--|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | | |
| (Y) Northing: | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | | |

Casing Stickup:

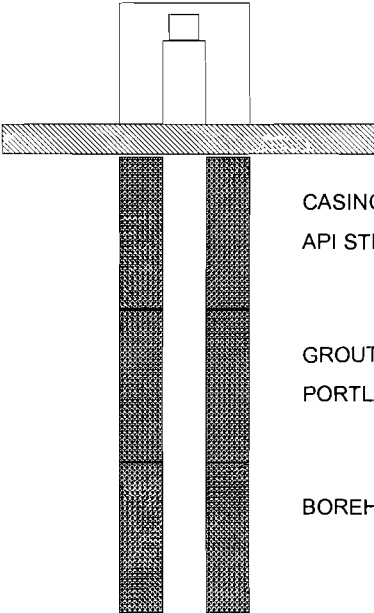
| Interval | Start | Stop |
|----------------|---------|--------------|
| CASING | 0' | 498.8' |
| | I.D. 8" | O.D. 8.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 508.5' |
| | | O.D. 10.625" |
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 508.5' |



| | |
|--|-------------------------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: (FAMSL) | |
| Initial Depth To Water: (FBGS) | |
| Last measured water level was asured on | FASL |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: SEISMIC LAB | Geo Location: ALBUQUERQUE SEISMIC LABORATORY |
| ER ADS #: NA | Well Completion Date: 01-JUL-1973 |
| Well Name: ASL BH 2 | Completion Zone: BEDROCK |
| Owner Name: USGS | Formation of Completion: PRECAMBRIAN GRANITE |
| Date Drilling Started: 21-MAY-1973 | Well Comment: BEDROCK AT 40 FEET - SEISMIC BOREHOLE FOR INSTALLATION OF INSTRUMENTS |
| Drilling Contractor: JEWEL H ADKISON | |
| Drilling Method: WATER/AIR ROTARY | |
| Borehole Depth: 702 | NOT A WATER WELL - WATER LEVEL TAKEN DURING CASING INSTALLATION IN 1973. |
| Casing Depth: 701 | |

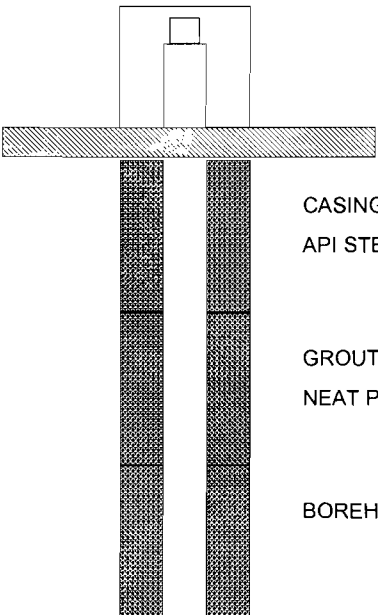
| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | |
|------------------------------------|--|--|----------|-------|------|----------------|--------|------|------|-----------------|-----------|--|------|----|
| Survey Date: |  | Casing Stickup: | | | | | | | | | | | | |
| Surveyed By: | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>701'</td> <td></td> </tr> <tr> <td>API STEEL</td> <td></td> <td>O.D.</td> <td>7"</td> </tr> </tbody> </table> | Interval | Start | Stop | | CASING | 0' | 701' | | API STEEL | | O.D. | 7" |
| Interval | | Start | Stop | | | | | | | | | | | |
| CASING | | 0' | 701' | | | | | | | | | | | |
| API STEEL | | O.D. | 7" | | | | | | | | | | | |
| State Plane Coordinates | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>701'</td> <td></td> </tr> <tr> <td>PORTLAND CEMENT</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | | GROUT/BACKFILL | 0' | 701' | | PORTLAND CEMENT | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 701' | | | | | | | | | | | | |
| PORTLAND CEMENT | | | | | | | | | | | | | | |
| (X) Easting: | | | | | | | | | | | | | | |
| (Y) Northing: | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | |
| Ground Surface: 6040 | | | | | | | | | | | | | | |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 5802 |
| (FAMSL) | |
| Initial Depth To Water: | 238 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: SEISMIC LAB | Geo Location: ALBUQUERQUE SEISMIC LABORATORY |
| ER ADS #: NA | Well Completion Date: 16-APR-1974 |
| Well Name: ASL BH 5 | Completion Zone: BEDROCK |
| Operator Name: USGS | Formation of Completion: PRECAMBRION GRANITE |
| Date Drilling Started: 06-DEC-1973 | Well Comment: SEISMIC BOREHOLE FOR INSTALLATION OF INSTRUMENTS. |
| Drilling Contractor: | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 669 | NOT A WATER WELL |
| Casing Depth: 647 | |

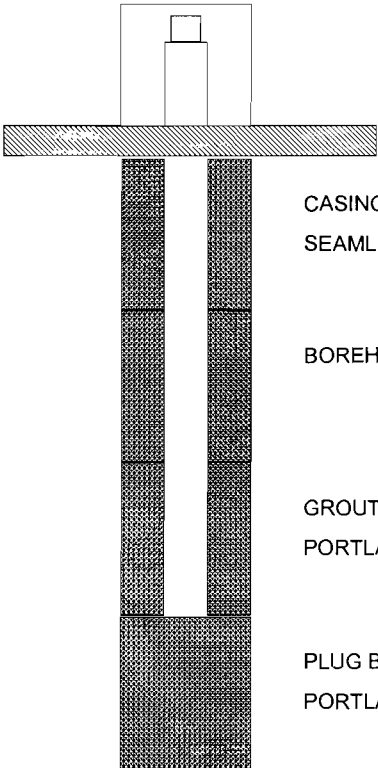
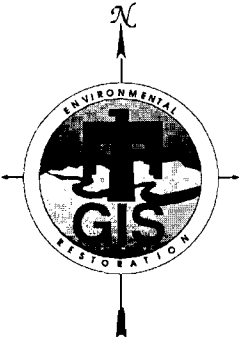
| Survey Data | | Completion Data Measured Depths (FBGS) |
|------------------------------------|--|--|
| Survey Date: |  | Casing Stickup: |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | | |
| (Y) Northing: | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: 6040 | | |



| Calculated Depths and Elevations |
|--|
| Initial Water Elevation: (FAMSL) |
| Initial Depth To Water: (FBGS) |
| Last measured water level was FASL |
| asured on |
| Date Updated: 14-MAR-00 |
| Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------|---------------------------------|---|
| Project Name: | SEISMIC LAB | Geo Location: | ALBUQUERQUE SEISMIC LABORATORY |
| ER ADS #: | NA | Well Completion Date: | 27-AUG-1990 |
| Well Name: | ASL BH 7 | Completion Zone: | GRAY TO PINK GRANITE |
| Operator Name: | USGS | Formation of Completion: | SANDIA GRANITE |
| Date Drilling Started: | 31-JUL-1990 | Well Comment: | SEISMIC BOREHOLES FOR INSTRUMENTS - NOT A WELL. |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 387.8 | NOT A WATER WELL | |
| Casing Depth: | 360.7 | | |

| | | |
|------------------------------------|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | | |
| (Y) Northing: | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | | |
| |  | |

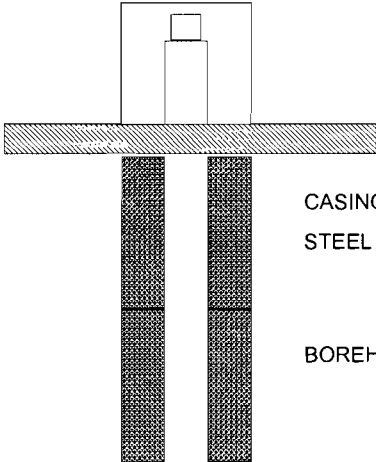
Casing Stickup:

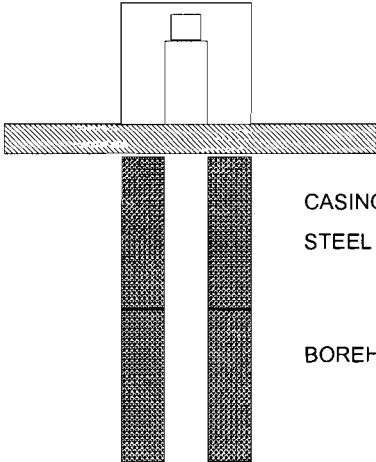
| Interval | Start | Stop |
|-----------------|-------|--------------|
| CASING | 0' | 360.7' |
| SEAMLESS STEEL | | O.D. 13.375" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 387.8' |
| | | O.D. 17.5" |
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 387.8' |
| PORTLAND CEMENT | | |
| Interval | Start | Stop |
| PLUG BACK | 360' | 387' |
| PORTLAND CEMENT | | |

| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 3 |
| (FAMSL) | |
| Initial Depth To Water: | 250 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

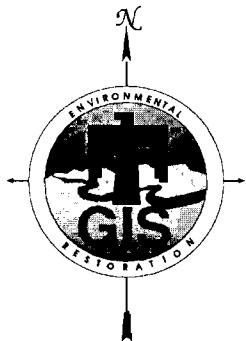
| | |
|--|---|
| Project Name: SEISMIC LAB | Geo Location: ISLETA RESERVATION |
| ER ADS #: NA | Well Completion Date: 06-NOV-1984 |
| Well Name: ASL BH6 | Completion Zone: GRANITE |
| Driller Name: USGS | Formation of Completion: PRECAMBRIAN |
| Date Drilling Started: | |
| Drilling Contractor: PERRY BROTHERS | Well Comment: NOT A WATER WELL. |
| Drilling Method: AIR/FOAM ROTARY | |
| Borehole Depth: 523 | |
| Casing Depth: 521 | |

| | | |
|------------------------------------|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | | |
| (Y) Northing: | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | | |



Casing Stickup:

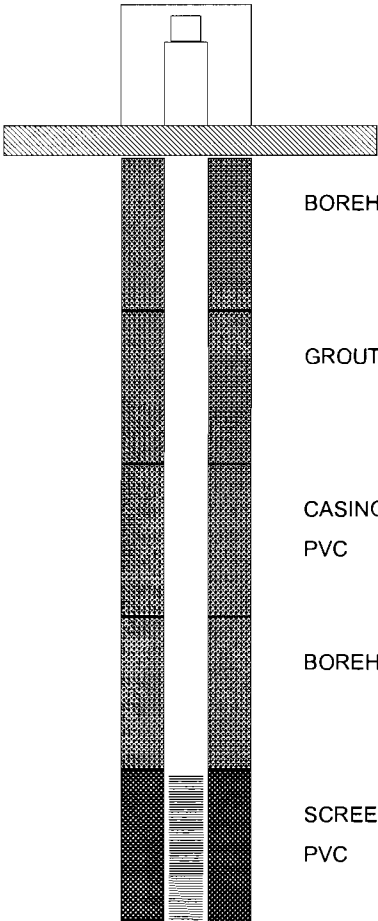
| Interval | Start | Stop |
|----------|-------|------|
| CASING | 0' | 521' |
| STEEL | O.D. | 7" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 523' |
| | O.D. | 10" |



| | |
|--|-------------------------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: (FAMSL) | |
| Initial Depth To Water: (FBGS) | |
| Last measured water level was asured on | FASL |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: SEISMIC LAB WATER | Geo Location: ALBUQUERQUE SEISMIC LABORATORY |
| ER ADS #: NA | Well Completion Date: 11-JAN-1990 |
| Well Name: ASL PD | Completion Zone: GRANITE |
| Driller Name: USGS | Formation of Completion: SANDIA GRANITE |
| Date Drilling Started: 02-JAN-1990 | Well Comment: THIS IS THE WATER SUPPLY WELL FOR THE ASL |
| Drilling Contractor: USGS | |
| Drilling Method: ROTARY | |
| Borehole Depth: 402 | |
| Casing Depth: 401.6 | |

| | | |
|--------------------------------|--|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | Casing Stickup: 2 |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | | Interval Start Stop |
| (Y) Northing: | | BOREHOLE 0' 17' |
| | | O.D. 11" |
| | | Interval Start Stop |
| | | GROUT/BACKFILL 0' 310' |
| | | Interval Start Stop |
| | | CASING 0' 401.6' |
| | | PVC I.D. 4" |
| | | Interval Start Stop |
| | | BOREHOLE 17' 402' |
| | | O.D. 6.5" |
| | | Interval Start Stop |
| | | SCREEN 337' 401.6' |
| | | PVC |

| | |
|--|-------------------------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: (FAMSL) | |
| Initial Depth To Water: (FBGS) | 220 |
| Last measured water level was | FASL |
| Measured on | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | SEISMIC LAB WATER | Geo Location: | ALBUQUERQUE SEISMIC LABORATORY |
| ER ADS #: | NA | Well Completion Date: | 11-JAN-1990 |
| Well Name: | ASL PD | Completion Zone: | GRANITE |
| Agency Name: | USGS | Formation of Completion: | SANDIA GRANITE |
| Date Drilling Started: | 02-JAN-1990 | Well Comment: | THIS IS THE WATER SUPPLY WELL FOR THE ASL |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 402 | | |
| Casing Depth: | 401.6 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | NE OF TA-V |
| ER ADS #: | 1330 | Well Completion Date: | 23-MAY-1995 |
| Well Name: | AVN-1 | Completion Zone: | SILTY AND GRAVELLY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-MAY-1995 | Well Comment: | DEEP COMPLETION IN ZONE OF HIGH POTENTIAL K TO BE USED AS PUMPING WELL IN CONJUNCTION WITH AVN-2, COMPLETED AT H2O TABLE |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 600 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 415399.496

(Y) Northing: 1455504.605

Surveyed Elevations (FAMSL)

Protective Casing: 5441.49

Top of Inner Well Casing: 5440.55

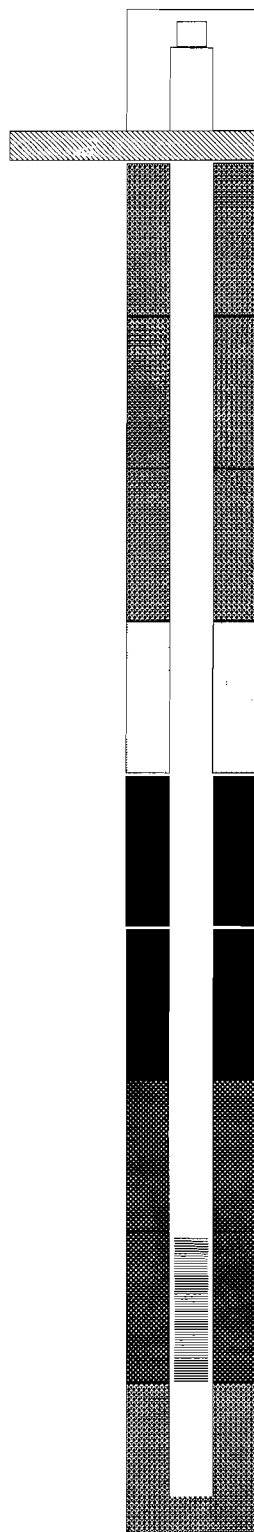
Concrete Pad: 5437.83

Ground Surface: 5437.806



Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | 2.72 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 488' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 600' | |
| SCH 10 SS, TYPE 304 | I.D. 5" | O.D. 5.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 650' | |
| | | O.D. 10" | |
| Interval | Start | Stop | |
| SECONDARY PACK | 488' | 500' | |
| 40/60 SAND/.100 SAND | | | |
| Interval | Start | Stop | |
| SEAL | 500' | 523' | |
| GRAN BEN&10/20 SAND | | | |
| Interval | Start | Stop | |
| SEAL | 523' | 550' | |
| 1/4" BENT. PELLETS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 550' | 600' | |
| 10/20 SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 570' | 590' | |
| WIRE-WOUND SS | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 590' | 600' | |



Calculated Depths and Elevations

Initial Water Elevation: 4931.95
(FAMSL)

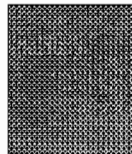
Initial Depth To Water: 508.6
(FBGS)

Last measured water level was 4930.65 **FASL**
asured on 09-SEP-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | NE OF TA-V |
| ER ADS #: | 1330 | Well Completion Date: | 23-MAY-1995 |
| Well Name: | AVN-1 | Completion Zone: | SILTY AND GRAVELLY SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-MAY-1995 | Well Comment: | DEEP COMPLETION IN ZONE OF HIGH POTENTIAL K TO BE USED AS PUMPING WELL IN CONJUNCTION WITH AVN-2, COMPLETED AT H2O TABLE |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 600 | | |

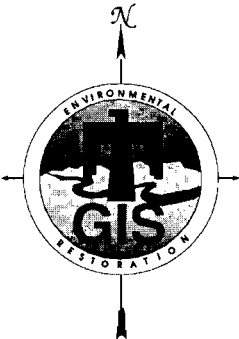


| Interval | Start | Stop |
|--------------------|-------|------|
| PLUG BACK | 600' | 650' |
| MED NAT BENT CHIPS | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | SWHC | Geo Location: | NE OF TA-V |
| ER ADS #: | 1330 | Well Completion Date: | 05-JUN-1995 |
| Well Name: | AVN-2 | Completion Zone: | SILTY SAND,F-VFG |
| er Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 31-MAY-1995 | Well Comment: | WATER TABLE WELL UPGRADIENT/CROSS GRADIENT OF TA-V |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 530 | | |
| Casing Depth: | 520 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|--|---------------------|
| Survey Date: | | Casing Stickup: | 1.64 |
| Surveyed By: | | Interval | Start Stop |
| State Plane Coordinates | | GROUT/BACKFILL | 0' 431' |
| (X) Easting: | 415420.02 | VOLCLAY | |
| (Y) Northing: | 1455510.528 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | CASING | 0' 520' |
| | | SCH 80 4" PVC | I.D. 3.8" O.D. 4.5" |
| Protective Casing: | 5440.68 | Interval | Start Stop |
| Top of Inner Well Casing: | 5439.93 | BOREHOLE | 0' 530' |
| Concrete Pad: | 5438.29 | | O.D. 8" |
| Ground Surface: | 5438.186 | Interval | Start Stop |
| | | SEAL | 431' 440' |
| | | .100 SAND | |
| | | Interval | Start Stop |
| | | SEAL | 440' 467' |
| | | 1/4" BENT PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 467' 478' |
| | | 40/60 SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 478' 520' |
| | | 10/20 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 495' 515' |
| | | SCH 80 4" PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 515' 520' |

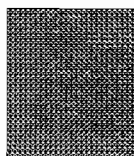


Calculated Depths and Elevations

| | | |
|-------------------------------|---------------|------|
| Initial Water Elevation: | 4933.43 | |
| (FAMSL) | | |
| Initial Depth To Water: | 506.5 | |
| (FBGS) | | |
| Last measured water level was | 4932.2 | FASL |
| asured on | 09-SEP-1996 | |
| Date Updated: | Date Printed: | |
| 14-MAR-00 | 12-JAN-2004 | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | NE OF TA-V |
| ER ADS #: | 1330 | Well Completion Date: | 05-JUN-1995 |
| Well Name: | AVN-2 | Completion Zone: | SILTY SAND,F-VFG |
| Operator Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 31-MAY-1995 | Well Comment: | WATER TABLE WELL UPGRADIENT/CROSS GRADIENT OF TA-V |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 530 | | |
| Casing Depth: | 520 | | |

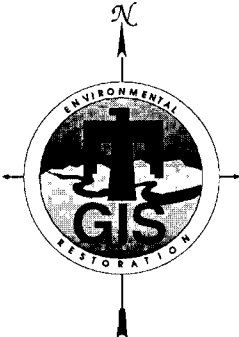


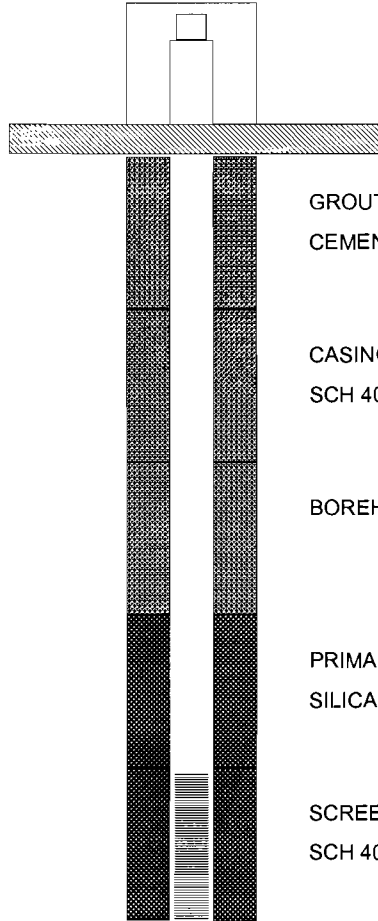
| Interval | Start | Stop |
|------------|-------|------|
| PLUG BACK | 520' | 530' |
| 10/20 SAND | | |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: CANYONS | Geo Location: LURANCE CANYON |
| ER ADS #: 1333 | Well Completion Date: 20-FEB-1986 |
| Well Name: Burn Site Well | Completion Zone: GREY HARD SCHIST/GRANITE FRACT |
| Driller Name: SNL | Formation of Completion: PRECAMBRIAN |
| Date Drilling Started: 17-FEB-1986 | Well Comment: PRODUCING ZONE AT APPROXIMATELY 230 FT. AQUIFER UNDER CONFINED CONDITIONS-WATER LEVELS NOT AVAILABLE DUE TO SUBMERS PUMP |
| Drilling Contractor: RODGERS AND COMPANY | |
| Drilling Method: | |
| Borehole Depth: 350 | |
| Casing Depth: 341 | |

| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|--|--|--|--|--|
| Survey Date: 11-JUN-1992 | | | | |
| Surveyed By: CLINT SHERRILL | | | | |
| State Plane Coordinates | | | | |
| (X) Easting: 453309.45 | | | | |
| (Y) Northing: 1457027.32 | | | | |
| Surveyed Elevations (FAMSL) | | | | |
| Protective Casing: | | | | |
| Top of Inner Well Casing: 6371.48 | | | | |
| Concrete Pad: | | | | |
| Ground Surface: 6369 | | | | |





| Completion Data Measured Depths (FBGS) | | | |
|--|------------------|-------------|------|
| Casing Stickup: 1.5 | | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 50' | |
| CEMENT GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 341' | |
| SCH 40 PVC | I.D. 4" | O.D. | 4.5" |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 350' | |
| Interval | Start | Stop | |
| PRIMARY PACK | 50' | 350' | |
| SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 231' | 341' | |
| SCH 40 PVC | | | |
| | Slot Size | .032" | |

| Calculated Depths and Elevations | |
|---|----------------------------------|
| Initial Water Elevation: (FAMSL) | 6303.48 |
| Initial Depth To Water: (FBGS) | 68 |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CANYONS | Geo Location: | LURANCE CANYON |
| ER ADS #: | 1333 | Well Completion Date: | 20-FEB-1986 |
| Well Name: | Burn Site Well | Completion Zone: | GREY HARD SCHIST/GRANITE FRACT |
| Operator Name: | SNL | Formation of Completion: | PRECAMBRIAN |
| Date Drilling Started: | 17-FEB-1986 | Well Comment: | PRODUCING ZONE AT APPROXIMATELY 230 FT. AQUIFER UNDER CONFINED CONDITIONS-WATER LEVELS NOT AVAILABLE DUE TO SUBMERS PUMP |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | | | |
| Borehole Depth: | 350 | | |
| Casing Depth: | 341 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|---|--|
| Project Name: CITY WATER SUPPLY | Geo Location: | |
| ER ADS #: NA | Well Completion Date: 01-NOV-1985 | |
| Well Name: BURTON 1 | Completion Zone: SAND/GRAVEL/CLAY | |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE | |
| Date Drilling Started: 01-SEP-1985 | Well Comment: 1954 WATER LEVEL IN ORIGINAL BURTON #1 ... WELL REPLACED IN '85 ... THIS DATA NEW EXCEPT FOR OLD WAT | |
| Drilling Contractor: WESTERN WELL AND PUMP | LEV OF 365' | |
| Drilling Method: ROTARY | | |
| Borehole Depth: 1312 | | |
| Casing Depth: 1312 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 393272.25

(Y) Northing: 1479599.75


Surveyed Elevations (FAMSL)

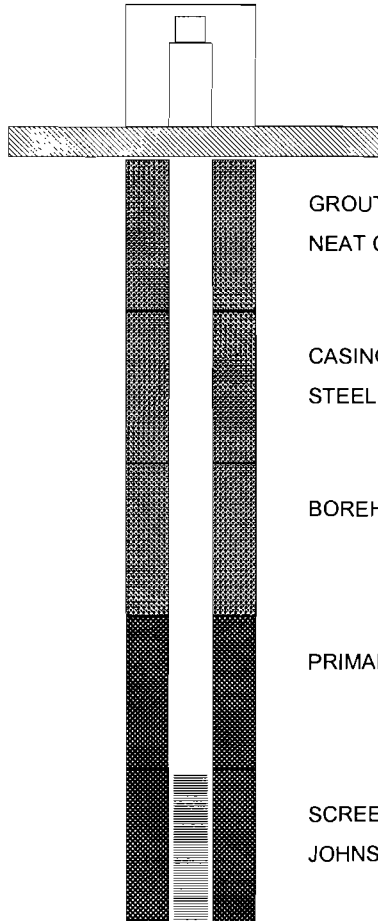
Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5315





Completion Data Measured Depths (FBGS)

| Interval | Start | Stop |
|--------------------|-------|----------|
| GROUT/BACKFILL | 0' | 100' |
| NEAT CEMENT | | |
| CASING | 0' | 1312' |
| STEEL | | O.D. 18" |
| BOREHOLE | 0' | 1312' |
| | | O.D. 30" |
| PRIMARY PACK | 100' | 1312' |
| SCREEN | 676' | 1292' |
| JOHNSON WIRE WOUND | | |

Calculated Depths and Elevations

Initial Water Elevation: (FAMSL) 431

Initial Depth To Water: (FBGS)

Last measured water level was FASL

Measured on

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

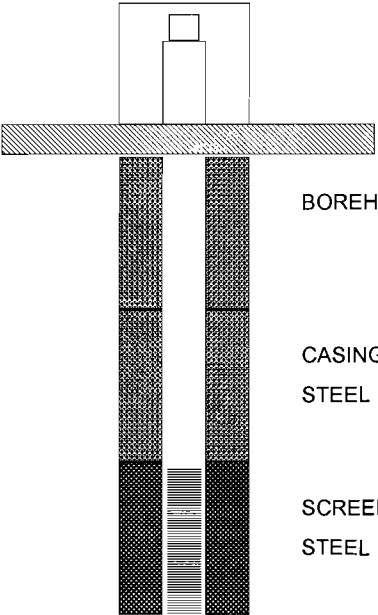
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------|---------------------------------|--|
| Project Name: | CITY WATER SUPPLY | Geo Location: | |
| ER ADS #: | NA | Well Completion Date: | 01-NOV-1985 |
| Well Name: | BURTON 1 | Completion Zone: | SAND/GRAVEL/CLAY |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-SEP-1985 | Well Comment: | 1954 WATER LEVEL IN ORIGINAL BURTON #1 ... WELL REPLACED IN '85 ... THIS DATA NEW EXCEPT FOR OLD WAT |
| Drilling Contractor: | WESTERN WELL AND PUMP | | LEV OF 365' |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1312 | | |
| Casing Depth: | 1312 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-----------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | CARLISLE AND GARFIELD |
| ER ADS #: | NA | Well Completion Date: | 01-JAN-1962 |
| Well Name: | BURTON 2 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JAN-1962 | Well Comment: | |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Borehole Depth: | 996 | | |
| Casing Depth: | 996 | | |

| | | |
|------------------------------------|--|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | 394362.219 | |
| (Y) Northing: | 1481819.75 | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | 5284 | |

Casing Stickup:

| Interval | Start | Stop |
|-----------------|-------|------|
| BOREHOLE | 0' | 996' |
| | O.D. | 30" |
| CASING STEEL | 0' | 996' |
| | O.D. | 16" |
| SCREEN STEEL | 425' | 845' |
| | | |



| Calculated Depths and Elevations | |
|----------------------------------|------|
| Initial Water Elevation: | 4888 |
| (FAMSL) | |
| Initial Depth To Water: | 396 |
| (FBGS) | |

Last measured water level was FASL
asured on

| | |
|----------------------|----------------------|
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | CARLISLE AND LEAD |
| ER ADS #: | NA | Well Completion Date: | 01-JAN-1962 |
| Well Name: | BURTON 3 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JAN-1962 | Well Comment: | |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 996 | | |
| Casing Depth: | 996 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 395364.094

(Y) Northing: 1483676.75

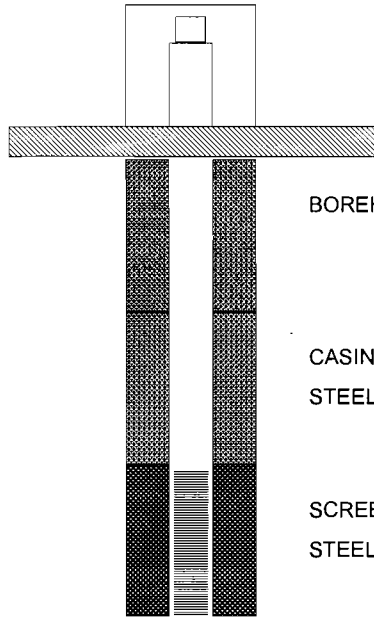
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5215



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------|-------|----------|
| BOREHOLE | 0' | 996' |
| | | O.D. 30" |
| Interval | Start | Stop |
| CASING STEEL | 0' | 996' |
| | | O.D. 16" |
| Interval | Start | Stop |
| SCREEN STEEL | 358' | 994' |

Calculated Depths and Elevations

Initial Water Elevation: 4848
(FAMSL)

Initial Depth To Water: 367
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | GIBSON AND GIRARD |
| ER ADS #: | NA | Well Completion Date: | 28-JUL-1987 |
| Well Name: | BURTON 4 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Borehole Depth: | 1325 | | |
| Casing Depth: | 1276 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 391603.875

(Y) Northing: 1477988.75

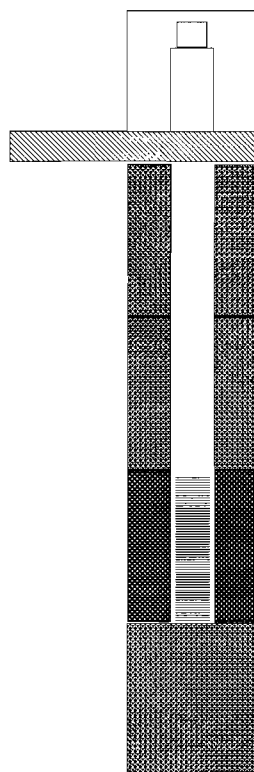
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5273.5



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|-----------|-------|----------|
| CASING | 0' | 1276' |
| STEEL | | O.D. 20" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1325' |
| | | O.D. 30" |
| Interval | Start | Stop |
| SCREEN | 636' | 1286' |
| STEEL | | |
| Interval | Start | Stop |
| PLUG BACK | 1276' | 1325' |
| GRAVEL | | |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-----------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 1100 QUINCY SE |
| ER ADS #: | NA | Well Completion Date: | 19-AUG-1991 |
| Well Name: | BURTON 5 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 11-JUN-1991 | Well Comment: | |
| Drilling Contractor: | JOE T SALAZAR | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1170 | | |
| Casing Depth: | 1150 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting:

(Y) Northing:


Surveyed Elevations (FAMSL)

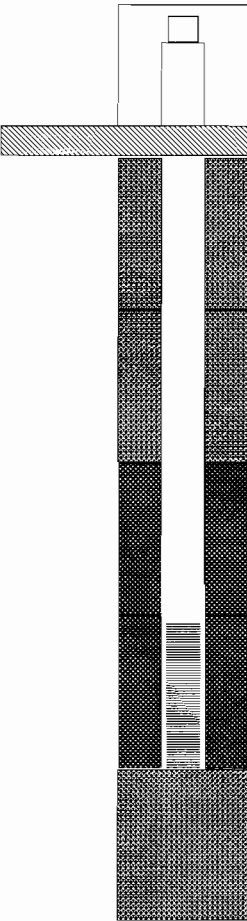
Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5350





Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|-----------------------------|--------------|--------------|
| CASING | 0' | 1150' |
| | | O.D. 20.625" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1170' |
| | | O.D. 34" |
| Interval | Start | Stop |
| PRIMARY PACK 6/16 GRAVEL | 12' | 1170' |
| Interval | Start | Stop |
| SCREEN STEEL | 550' | 1150' |
| Interval | Start | Stop |
| PLUG BACK 6/16 GRAVEL | 1150' | 1170' |

Calculated Depths and Elevations

| | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4942 |
| (FAMSL) | |
| Initial Depth To Water: | 408 |
| (FBGS) | |
| Last measured water level was | FASL |
| Measured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

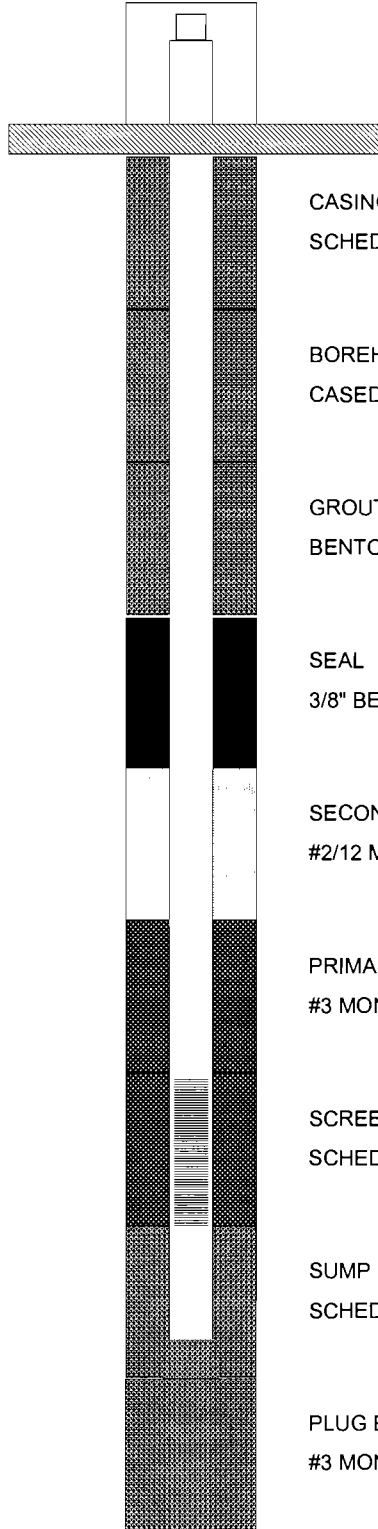
| | | | |
|-------------------------------|---------------------|---------------------------------|-----------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 1100 QUINCY SE |
| ER ADS #: | NA | Well Completion Date: | 19-AUG-1991 |
| Well Name: | BURTON 5 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 11-JUN-1991 | Well Comment: | |
| Drilling Contractor: | JOE T SALAZAR | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1170 | | |
| Casing Depth: | 1150 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | FOOTHILLS NR BLDG 9990 |
| ER ADS #: | 1295 | Well Completion Date: | 16-AUG-2001 |
| Well Name: | CTF-MW1 | Completion Zone: | REGIONAL GROUNDWATER |
| Driller Name: | SNL/NM | Formation of Completion: | PRE-CAMBRIAN GRANITE |
| Date Drilling Started: | 15-AUG-2001 | Well Comment: | 0'-7.5' CASED W/ 9-5/8" OD SURF CASING, 7.5'-270' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER, UNCASD |
| Drilling Contractor: | WDC, INC. | | |
| Drilling Method: | ARCH AIR ROTARY | | |
| Borehole Depth: | 270 | | |
| Casing Depth: | 265 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|----------------------------|--|-------------------|
| Survey Date: | 04-OCT-2001 | Casing Stickup: | 2.99 |
| Surveyed By: | ALBQ. SURVEYING CO. (ASC). | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 438067.61 | CASING | 0' 265' |
| (Y) Northing: | 1450037.52 | SCHEDULE 80 PVC | I.D. 5" O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 6080.32 | BOREHOLE | 0' 270' |
| Top of Inner Well Casing: | 6079.96 | CASED | O.D. 8.5" |
| Concrete Pad: | 6077.33 | Interval | Start Stop |
| Ground Surface: | 6076.97 | GROUT/BACKFILL | 1' 219' |
| | | BENTONITE GROUT | |
| | | Interval | Start Stop |
| | | SEAL | 219' 229' |
| | | 3/8" BENT. CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 229' 235.5' |
| | | #2/12 MONTERREY SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 235.5' 270' |
| | | #3 MONTERREY SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 240' 260' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | SUMP | 260' 265' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | PLUG BACK | 265' 270' |
| | | #3 MONTERREY SAND | |

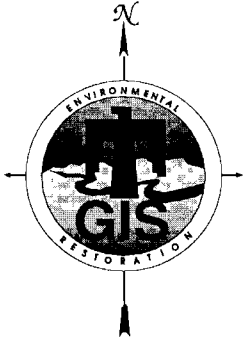


| Calculated Depths and Elevations | |
|----------------------------------|-------------|
| Initial Water Elevation: | 5845.6 |
| (FAMSL) | |
| Initial Depth To Water: | 231.37 |
| (FBGS) | |
| Last measured water level was | 5844.71 |
| measured on | 04-JUN-2002 |
| Date Updated: | 29-MAY-02 |
| Date Printed: | 12-JAN-2004 |

FASL

WELL DATABASE SUMMARY SHEET

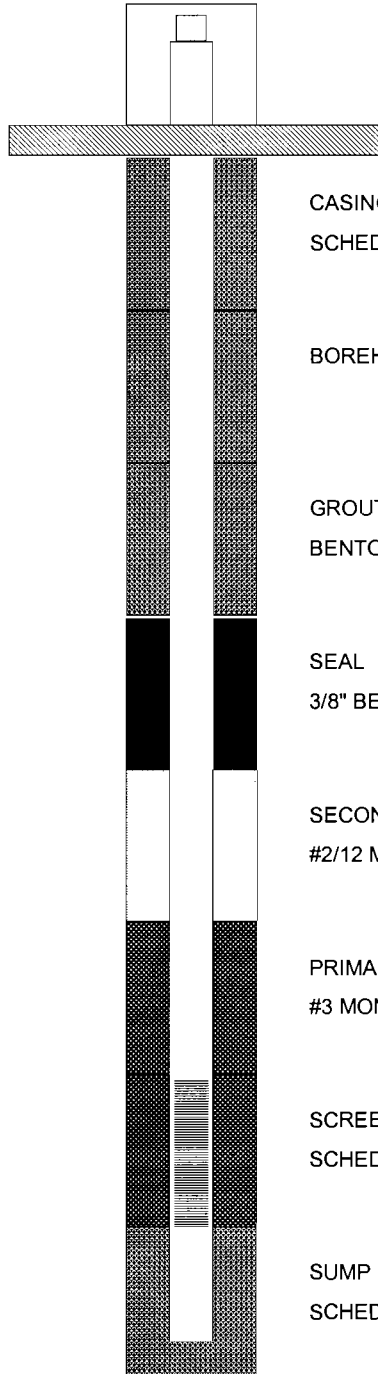
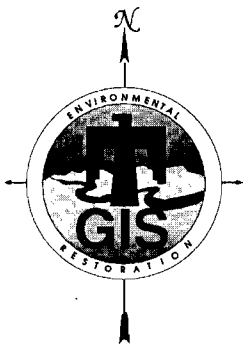
| | | | |
|-------------------------------|--------------------|---------------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | FOOTHILLS NR BLDG 9990 |
| ER ADS #: | 1295 | Well Completion Date: | 16-AUG-2001 |
| Well Name: | CTF-MW1 | Completion Zone: | REGIONAL GROUNDWATER |
| Owner Name: | SNL/NM | Formation of Completion: | PRE-CAMBRIAN GRANITE |
| Date Drilling Started: | 15-AUG-2001 | Well Comment: | 0'-7.5' CASSED W/ 9-5/8" OD SURF CASING, 7.5'-270' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER, UNCASSED |
| Drilling Contractor: | WDC, INC. | | |
| Drilling Method: | ARCH AIR ROTARY | | |
| Borehole Depth: | 270 | | |
| Casing Depth: | 265 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | ~1.5 MILES E. OF TA III |
| ER ADS #: | 1295 | Well Completion Date: | 18-AUG-2001 |
| Well Name: | CTF-MW2 | Completion Zone: | REGIONAL GROUNDWATER |
| er Name: | SNL/NM | Formation of Completion: | PRE-CAMBRIAN GRANITE |
| Date Drilling Started: | 17-AUG-2001 | Well Comment: | 0'-110' DRILLED W/ ARCH, 110'-190' DRILLED W/ AIR ROTARY |
| Drilling Contractor: | WDC INC. | | W/ DOWN HOLE HAMMER, HOLE UNCASD CAVED IN 135'-190'. |
| Drilling Method: | ARCH, AIR ROTARY | | |
| Borehole Depth: | 190 | | |
| Casing Depth: | 135 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|---------------------------|--|-------------------|
| Survey Date: | 04-OCT-2001 | Casing Stickup: | 2.99 |
| Surveyed By: | ALBQ. SURVEYING CO. (ASC) | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 421805.04 | CASING | 0' 135' |
| (Y) Northing: | 1448181.14 | SCHEDULE 80 PVC | I.D. 5" O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5576.25 | BOREHOLE | 0' 190' |
| Top of Inner Well Casing: | 5575.93 | | O.D. 9.625" |
| Concrete Pad: | 5573.23 | Interval | Start Stop |
| Ground Surface: | 5572.94 | GROUT/BACKFILL | 1' 71' |
| | | BENTONITE GROUT | |
| | | Interval | Start Stop |
| | | SEAL | 71' 94' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 94' 105' |
| | | #2/12 MONTERREY SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 105' 135' |
| | | #3 MONTERREY SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 110' 130' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | SUMP | 130' 135' |
| | | SCHEDULE 80 PVC | |
| | | Slot Size | .02" |



Calculated Depths and Elevations

| | | |
|--------------------------------------|-------------|-------------|
| Initial Water Elevation: | 5531.07 | |
| (FAMSL) | | |
| Initial Depth To Water: | 41.87 | |
| (FBGS) | | |
| Last measured water level was | 5531.39 | FASL |
| asured on | 04-JUN-2002 | |

Date Updated: 29-MAY-02
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

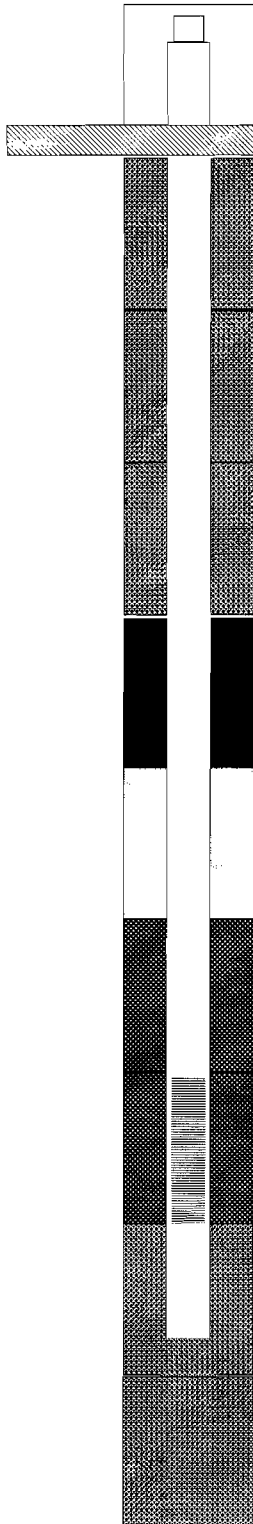
| | | | |
|-------------------------------|--------------------|---------------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | ~1.5 MILES E. OF TA III |
| ER ADS #: | 1295 | Well Completion Date: | 18-AUG-2001 |
| Well Name: | CTF-MW2 | Completion Zone: | REGIONAL GROUNDWATER |
| Owner Name: | SNL/NM | Formation of Completion: | PRE-CAMBRIAN GRANITE |
| Date Drilling Started: | 17-AUG-2001 | Well Comment: | 0'-110' DRILLED W/ ARCH, 110'-190' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER, HOLE UNCASD CAVED IN 135'-190'. |
| Drilling Contractor: | WDC INC. | | |
| Drilling Method: | ARCH, AIR ROTARY | | |
| Borehole Depth: | 190 | | |
| Casing Depth: | 135 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | ~4000' E. OF TA III |
| ER ADS #: | 1295 | Well Completion Date: | 21-AUG-2001 |
| Well Name: | CTF-MW3 | Completion Zone: | REGIONAL GROUNDWATER |
| er Name: | SNL/NM | Formation of Completion: | PRE-CAM GRANITE & QUARTZITE |
| Date Drilling Started: | 18-AUG-2001 | Well Comment: | 0'-29' DRILLED W/ ARCH, 29'-420' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER (UNCASED) |
| Drilling Contractor: | WDC INC. | | |
| Drilling Method: | ARCH, AIR ROTARY | | |
| Borehole Depth: | 430 | | |
| Casing Depth: | 365 | | |

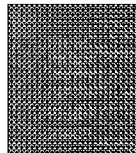
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|---------------------------|--|-------------------|
| Survey Date: | 04-OCT-2001 | Casing Stickup: | 3.05 |
| Surveyed By: | ALBQ. SURVEYING CO. (ASC) | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 419463.46 | CASING | 0' 365' |
| (Y) Northing: | 1446763.32 | SCHEDULE 80 PVC | I.D. 5" O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5520.62 | BOREHOLE | 0' 430' |
| Top of Inner Well Casing: | 5520.15 | | O.D. 8.5" |
| Concrete Pad: | 5517.48 | Interval | Start Stop |
| Ground Surface: | 5517.1 | GROUT/BACKFILL | 1' 315' |
| | | BENTONITE GROUT | |
| | | Interval | Start Stop |
| | | SEAL | 315' 330.5' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 330.5' 334.5' |
| | | #2/12 MONTERREY SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 334.5' 367' |
| | | #3 MONTERREY SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 340' 360' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | SUMP | 360' 365' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | PLUGBACK | 367' 382' |
| | | #2/12 MONTERREY SAND | |



| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | 5220.52 |
| (FAMSL) | |
| Initial Depth To Water: | 296.58 |
| (FBGS) | |
| Last measured water level was | 5220.05 |
| asured on | 04-JUN-2002 |
| Date Updated: | 30-MAY-02 |
| Date Printed: | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------|--------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | ~4000' E. OF TA III |
| ER ADS #: | 1295 | Well Completion Date: | 21-AUG-2001 |
| Well Name: | CTF-MW3 | Completion Zone: | REGIONAL GROUNDWATER |
| er Name: | SNL/NM | Formation of Completion: | PRE-CAM GRANITE & QUARTZITE |
| Date Drilling Started: | 18-AUG-2001 | Well Comment: | 0'-29' DRILLED W/ ARCH, 29'-420' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER (UNCASED) |
| Drilling Contractor: | WDC INC. | | |
| Drilling Method: | ARCH, AIR ROTARY | | |
| Borehole Depth: | 430 | | |
| Casing Depth: | 365 | | |



| Interval | Start | Stop |
|-----------------|-------|------|
| PLUGBACK | 382' | 430' |
| BENTONITE GROUT | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 17-SEP-1985 |
| Well Name: | CWL-BW2 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 11-SEP-1985 | Well Comment: | PLUGGED AND ABANDONED 2003. WATER LEVEL MEASURED ON 31-OCT-1985 |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 998 | | |
| Casing Depth: | 980 | | |

Survey Data

Survey Date: 17-OCT-1988
Surveyed By: DT MORRISON SURVEY INC

State Plane Coordinates

(X) Easting: 414834.06
(Y) Northing: 1444713.92

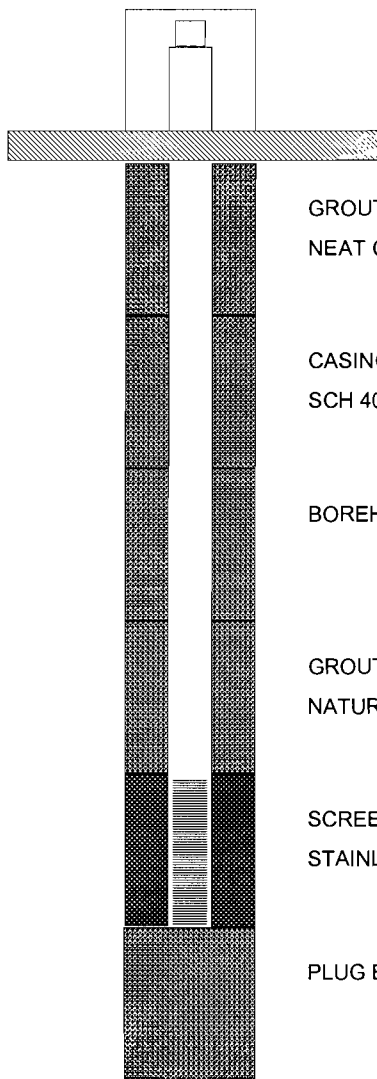
Surveyed Elevations (FAMSL)

Protective Casing: 5433.58
Top of Inner Well Casing: 5433.54
Concrete Pad: 5431.62
Ground Surface: 5431.62



Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|--------------|-------------|----------------|
| Casing Stickup: | 23.5 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 98' | |
| NEAT CEMENT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 980' | |
| SCH 40/CARBON STEEL | | | O.D. 5.563" |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 998' | |
| | | | O.D. 7.875" |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 98' | 998' | |
| NATURAL FORMATION | | | |
| Interval | Start | Stop | |
| SCREEN | 490' | 980' | |
| STAINLESS STEEL | | | |
| | | | Slot Size .03" |
| Interval | Start | Stop | |
| PLUG BACK | 980' | 998' | |



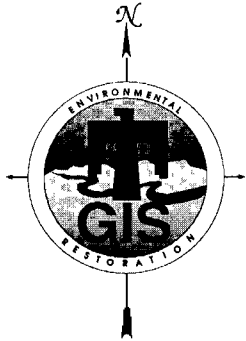
Calculated Depths and Elevations

Initial Water Elevation: 4937.14
(FAMSL)
Initial Depth To Water: 496.4
(FBGS)
Last measured water level was 4933.46 **FASL**
measured on 31-JUL-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 17-SEP-1985 |
| Well Name: | CWL-BW2 | Completion Zone: | SAND AND GRAVEL |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 11-SEP-1985 | Well Comment: | PLUGGED AND ABANDONED 2003. WATER LEVEL MEASURED ON 31-OCT-1985 |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 998 | | |
| Casing Depth: | 980 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | SE TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 08-JUL-1985 |
| Well Name: | CWL-BW1 | Completion Zone: | SANDY GRAVEL |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 18-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED AUGUST 2003. WATER LEVEL MEASURED ON 31-OCT-85 |
| Drilling Contractor: | STAR DRILLING CO. | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 528 | | |
| Casing Depth: | 495 | | |

Survey Data

Survey Date: 01-JAN-1989
Surveyed By:

State Plane Coordinates

(X) Easting: 414926.93
(Y) Northing: 1444633.32

Surveyed Elevations (FAMSL)

Protective Casing: 5435.28
Top of Inner Well Casing: 5435.28
Concrete Pad: 5433.32
Ground Surface: 5433.32



Calculated Depths and Elevations

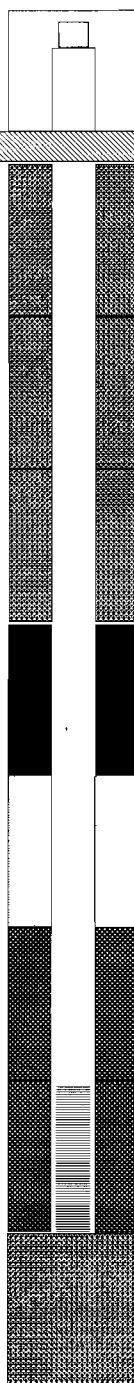
Initial Water Elevation: 4950.49
(FAMSL)
Initial Depth To Water: 484.79
(FBGS)
Last measured water level was 4957.5 **FASL**
measured on 31-JUL-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

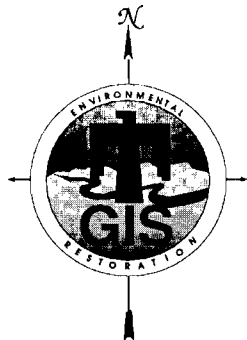
Casing Stickup:

| Interval | Start | Stop |
|-------------------|------------------|-------------|
| GROUT/BACKFILL | 0' | 415' |
| NEAT CEMENT | | |
| Interval | Start | Stop |
| CASING | 0' | 495' |
| SCH 10 SS | I.D. 2.067" | O.D. 2.375" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 528' |
| | | O.D. 8.75" |
| Interval | Start | Stop |
| SEAL | 415' | 425' |
| BENTONITE | | |
| Interval | Start | Stop |
| SECONDARY PACK | 425' | 435' |
| 20/40 SILICA SAND | | |
| Interval | Start | Stop |
| PRIMARY PACK | 435' | 528' |
| 8/12 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 445' | 495' |
| WIRE WRAPPED SS | | |
| | Slot Size | .06" |
| Interval | Start | Stop |
| PLUG BACK | 495' | 528' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | SE TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 08-JUL-1985 |
| Well Name: | CWL-BW1 | Completion Zone: | SANDY GRAVEL |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 18-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED AUGUST 2003. WATER LEVEL MEASURED ON 31-OCT-85 |
| Drilling Contractor: | STAR DRILLING CO. | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 528 | | |
| Casing Depth: | 495 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|-----------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 22-SEP-1988 |
| Well Name: | CWL-BW3 | Completion Zone: | SILTY SAND/CLAYEY GRAVEL |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-SEP-1988 | Well Comment: | WATER LEVEL MEASURED ON 10-OCT-88 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 533 | | |
| Casing Depth: | 507.48 | | |

Survey Data

Survey Date: 01-JAN-1990
Surveyed By:

State Plane Coordinates

(X) Easting: 414685.9
(Y) Northing: 1444689.45

Surveyed Elevations (FAMSL)

Protective Casing: 5431
Top of Inner Well Casing: 5430.23
Concrete Pad: 5428.78
Ground Surface: 5428.53



Completion Data Measured Depths (FBGS)

Casing Stickup: 1.7

| Interval | Start | Stop |
|----------|-------|----------|
| BOREHOLE | 0' | 200' |
| | | O.D. 14" |

| Interval | Start | Stop |
|---------------------------|-------|------|
| GROUT/BACKFILL VOLCLAY | 0' | 463' |

| Interval | Start | Stop |
|----------------------|---------|------|
| CASING SCH 80 PVC | 0' | 507' |
| | I.D. 5" | |

| Interval | Start | Stop |
|----------|-------|----------|
| BOREHOLE | 200' | 533' |
| | | O.D. 10" |

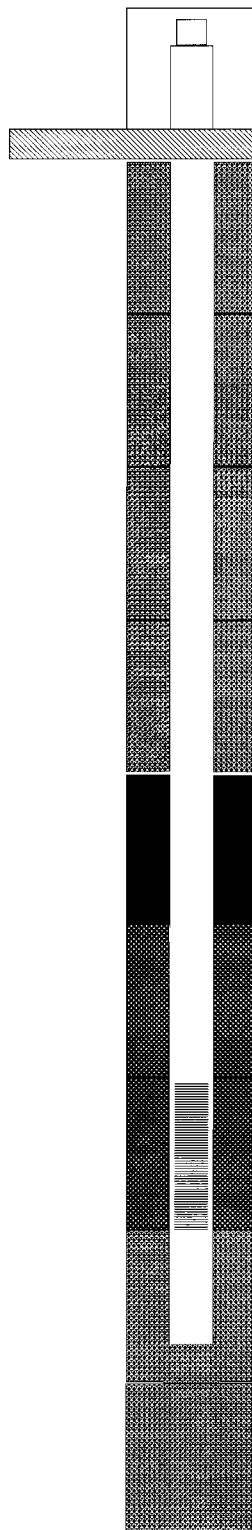
| Interval | Start | Stop |
|---------------------------|-------|------|
| SEAL BENTONITE PELLETS | 463' | 473' |

| Interval | Start | Stop |
|-----------------------------------|-------|------|
| PRIMARY PACK 10/20 SILICA SAND | 473' | 508' |

| Interval | Start | Stop |
|----------------------------|-------|------|
| SCREEN SCH 10 SS/304 WW | 485' | 505' |

| Interval | Start | Stop | Slot Size |
|-------------|-------|------|-----------|
| SUMP N/A | 505' | 507' | .01" |

| Interval | Start | Stop |
|-------------------------|-------|------|
| PLUG BACK BACK GROUT | 507' | 533' |



Calculated Depths and Elevations

Initial Water Elevation: 4941.48
(FAMSL)
Initial Depth To Water: 488.75
(FBGS)
Last measured water level was 4936.54 **FASL**
asured on 05-AUG-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|-----------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 22-SEP-1988 |
| Well Name: | CWL-BW3 | Completion Zone: | SILTY SAND/CLAYEY GRAVEL |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-SEP-1988 | Well Comment: | WATER LEVEL MEASURED ON 10-OCT-88 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 533 | | |
| Casing Depth: | 507.48 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | |
| Well Name: | CWL-BW4 | Completion Zone: | CLAYEY SAND/FINE SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 06-MAY-1994 | Well Comment: | PLUGGED AND ABANDONED JANUARY 1997. CASING CUT OFF 4" BELOW SURFACE FILLED WITH CEMENT. |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 511 | | |
| Casing Depth: | 510 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 414699.161

(Y) Northing: 1444697.69

Surveyed Elevations (FAMSL)

Protective Casing: 5425

Top of Inner Well Casing:

Concrete Pad:

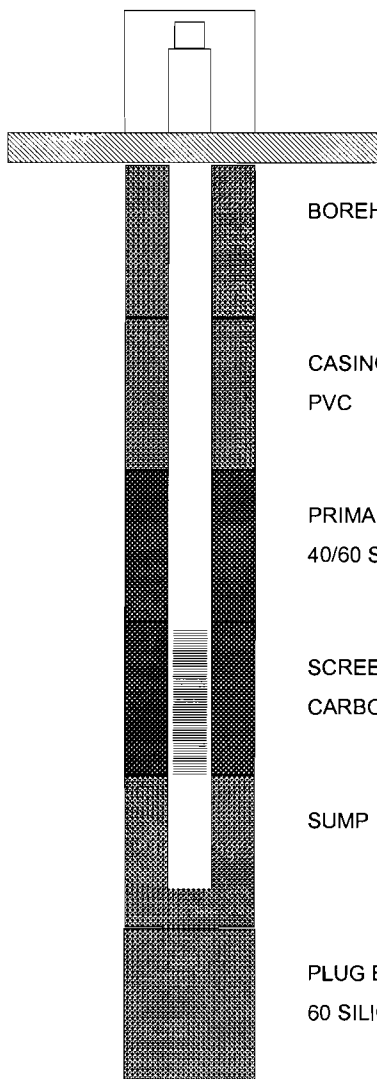
Ground Surface: 5429



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------|------------|------------|
| BOREHOLE | 0' | 511' |
| | | O.D. 12.5" |
| Interval | Start | Stop |
| CASING | 4' | 510' |
| PVC | I.D. 4.77" | O.D. 5.56" |
| Interval | Start | Stop |
| PRIMARY PACK | 483' | 507' |
| 40/60 SAND | | |
| Interval | Start | Stop |
| SCREEN | 485' | 505' |
| CARBON STEEL | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 505' | 510' |
| Interval | Start | Stop |
| PLUG BACK | 507' | 511' |
| 60 SILICA | | |



Calculated Depths and Elevations

Initial Water Elevation: 4936.96
(FAMSL)

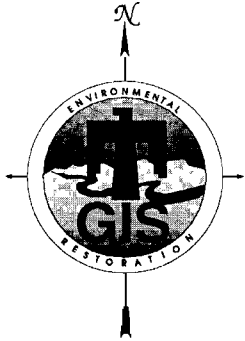
Initial Depth To Water: 492.4
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | |
| Well Name: | CWL-BW4 | Completion Zone: | CLAYEY SAND/FINE SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 06-MAY-1994 | Well Comment: | PLUGGED AND ABANDONED JANUARY 1997. CASING CUT OFF 4" BELOW SURFACE FILLED WITH CEMENT. |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 511 | | |
| Casing Depth: | 510 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 16-MAY-1994 |
| Well Name: | CWL-BW4A | Completion Zone: | CLAYEY SAND/FINE SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 10-MAY-1994 | Well Comment: | SAMPLED QUARTERLY. WATER LEVEL MEASURED 8/2/96 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 511 | | |
| Casing Depth: | 510 | | |

Survey Data

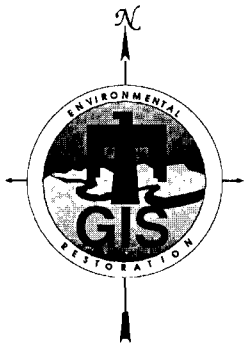
Survey Date: 20-JUL-1994
Surveyed By: GREINER

State Plane Coordinates

(X) Easting: 414699.161
(Y) Northing: 1444697.69

Surveyed Elevations (FAMSL)

Protective Casing: 5432.16
Top of Inner Well Casing: 5431.36
Concrete Pad: 5429.24
Ground Surface: 5429.235



Calculated Depths and Elevations

Initial Water Elevation: 4936.96
(FAMSL)
Initial Depth To Water: 492.4
(FBGS)

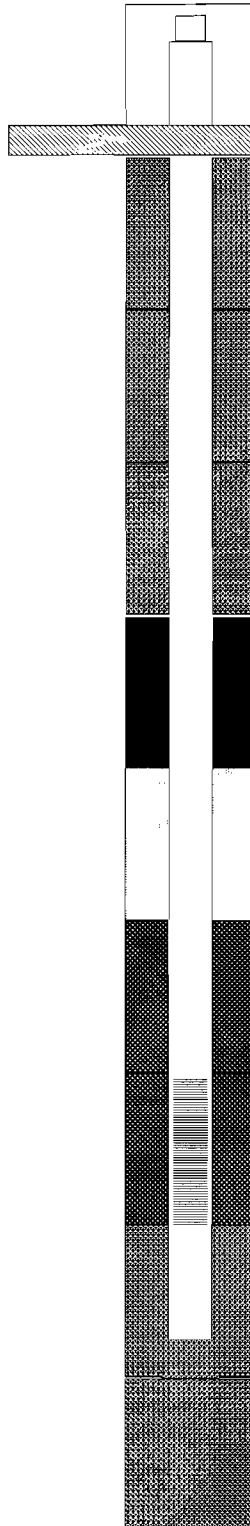
Last measured water level was **FASL**
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 2

| Interval | Start | Stop |
|----------------|------------------|------------|
| GROUT/BACKFILL | 0' | 449' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 510' |
| PVC | I.D. 4.77" | O.D. 5.56" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 511' |
| | | O.D. 12.5" |
| Interval | Start | Stop |
| SEAL | 449' | 479' |
| VOLCLAY | | |
| Interval | Start | Stop |
| SECONDARY PACK | 479' | 481' |
| 60 SILICA | | |
| Interval | Start | Stop |
| PRIMARY PACK | 481' | 507' |
| 40/60 SAND | | |
| Interval | Start | Stop |
| SCREEN | 485' | 505' |
| CARBON STEEL | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 505' | 510' |
| Interval | Start | Stop |
| PLUG BACK | 507' | 511' |
| 60 SILICA | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 16-MAY-1994 |
| Well Name: | CWL-BW4A | Completion Zone: | CLAYEY SAND/FINE SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 10-MAY-1994 | Well Comment: | SAMPLED QUARTERLY. WATER LEVEL MEASURED 8/2/96 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 511 | | |
| Casing Depth: | 510 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 01-SEP-1985 |
| Well Name: | CWL-MW1 | Completion Zone: | GRAVELLY SAND, MINOR SILT |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 20-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED SEPTEMBER 1997. CEMENTED IN PLACE. |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 615 | | |
| Casing Depth: | 610 | | |

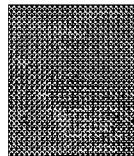
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|------------|--|-------------------------|
| Survey Date: | | Casing Stickup: | 1.96 |
| Surveyed By: | | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414354.2 | GROUT/BACKFILL | 0' 500' |
| (Y) Northing: | 1445105.27 | NEAT CEMENT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | CASING | 0' 605' |
| | | SCH 10 SS | I.D. 2.067" O.D. 2.375" |
| Protective Casing: | 5423.25 | Interval | Start Stop |
| Top of Inner Well Casing: | 5423.21 | BOREHOLE | 0' 615' |
| Concrete Pad: | 5421.25 | | O.D. 7.875" |
| Ground Surface: | 5420.95 | Interval | Start Stop |
| | | SEAL | 500' 510' |
| | | BENTONITE | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 510' 520' |
| | | 20/40 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 520' 615' |
| | | 8/12 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 535' 575' |
| | | WIRE WRAPPED SS | |
| | | | Slot Size .06" |
| | | Interval | Start Stop |
| | | SCREEN | 585' 605' |
| | | WIRE WRAPPED SS | |
| | | | Slot Size .06" |
| | | Interval | Start Stop |
| | | SUMP | 605' 610' |



| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4940.24 |
| (FAMSL) | |
| Initial Depth To Water: | 482.97 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 01-SEP-1985 |
| Well Name: | CWL-MW1 | Completion Zone: | GRAVELLY SAND, MINOR SILT |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 20-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED SEPTEMBER 1997. CEMENTED IN PLACE. |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 615 | | |
| Casing Depth: | 610 | | |



| Interval | Start | Stop |
|-----------|-------|------|
| PLUG BACK | 610' | 615' |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|-----------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | 75 FT. WEST OF MW1 |
| ER ADS #: | 1267 | Well Completion Date: | 31-JUL-1988 |
| Well Name: | CWL-MW1A | Completion Zone: | SILTY SAND/CLAYEY GRAVEL |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-JUL-1908 | Well Comment: | WATER LEVEL MEASURED ON 17-JUL-88 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 550 | | |
| Casing Depth: | 495 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 414304.59

(Y) Northing: 1445107.11

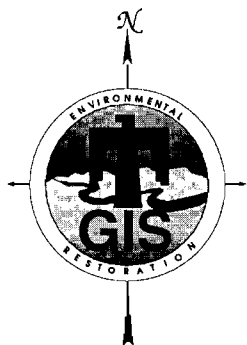
Surveyed Elevations (FAMSL)

Protective Casing: 5422.34

Top of Inner Well Casing: 5421.49

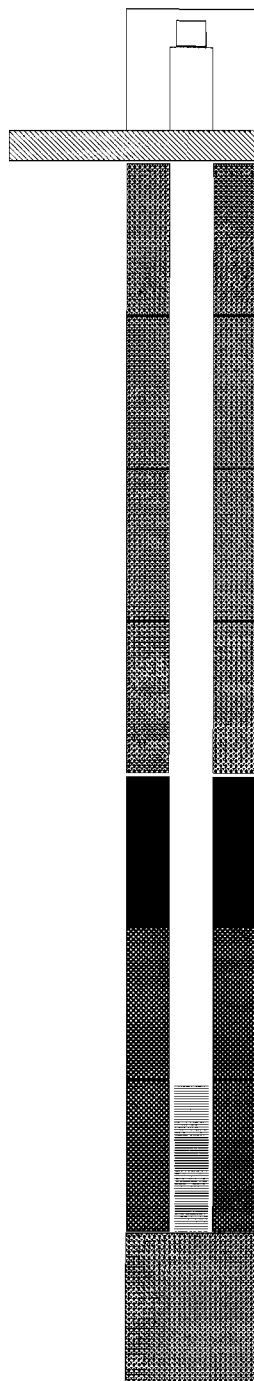
Concrete Pad: 5420.49

Ground Surface: 5420.41



Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|--------------|------------------|------|
| Casing Stickup: | | 1.08 | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 220' | |
| | | O.D. | 14" |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 461' | |
| VOLCLAY GROUT | | O.D. | 14" |
| Interval | Start | Stop | |
| CASING | 0' | 495' | |
| SCH 80 PVC | I.D. | 5" | |
| Interval | Start | Stop | |
| BOREHOLE | 220' | 550' | |
| | | O.D. | 10" |
| Interval | Start | Stop | |
| SEAL | 461' | 467' | |
| BENTONITE PELLETS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 467' | 496' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 474' | 494' | |
| WIRE-WRAPPED SS 304 | | | |
| | | Slot Size | .01" |
| Interval | Start | Stop | |
| PLUG BACK | 496' | 550' | |
| NEAT CEM/BENTONITE | | | |



Calculated Depths and Elevations

Initial Water Elevation: 4940.79
(FAMSL)

Initial Depth To Water: 480.7
(FBGS)

Last measured water level was 4933.44 **FASL**
asured on 06-AUG-1996

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

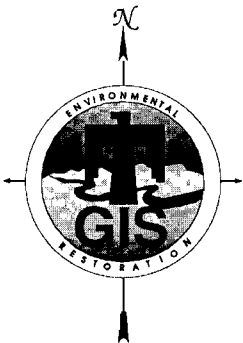
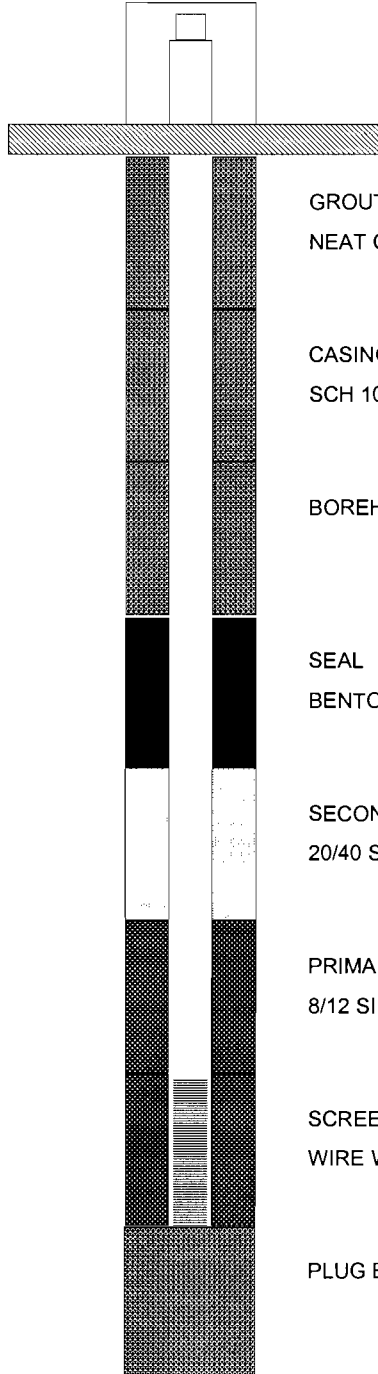
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|-------------------------------|--------------------------|---------------------------------|-----------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | 75 FT. WEST OF MW1 |
| ER ADS #: | 1267 | Well Completion Date: | 31-JUL-1988 |
| Well Name: | CWL-MW1A | Completion Zone: | SILTY SAND/CLAYEY GRAVEL |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-JUL-1908 | Well Comment: | WATER LEVEL MEASURED ON 17-JUL-88 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 550 | | |
| Casing Depth: | 495 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 22-SEP-1985 |
| Well Name: | CWL-MW2 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED SEPTEMBER 1997. CEMENTED IN PLACE. |
| Drilling Contractor: | | | |
| Drilling Method: | AUGER/MUD ROTARY | | |
| Borehole Depth: | 660 | | |
| Casing Depth: | 650 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-----------------------------|--|-------------------------|
| Survey Date: | 17-OCT-1988 | Casing Stickup: | 2.13 |
| Surveyed By: | D.T. MORRISON SURVEYOR INC. | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414119.36 | GROUT/BACKFILL | 0' 490' |
| (Y) Northing: | 1444977.54 | NEAT CEMENT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | CASING | 0' 650' |
| | | SCH 10 SS | I.D. 2.067" O.D. 2.375" |
| Protective Casing: | 5418.55 | Interval | Start Stop |
| Top of Inner Well Casing: | 5418.55 | BOREHOLE | 0' 660' |
| Concrete Pad: | 5416.42 | | O.D. 7.875" |
| Ground Surface: | 5416.42 | Interval | Start Stop |
| | | SEAL | 490' 500' |
| | | BENTONITE | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 500' 510' |
| | | 20/40 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 510' 660' |
| | | 8/12 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 520' 650' |
| | | WIRE WRAPPED SS | |
| | | | Slot Size .06" |
| | | Interval | Start Stop |
| | | PLUG BACK | 650' 660' |



| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | 4934.57 |
| (FAMSL) | |
| Initial Depth To Water: | 483.98 |
| (FBGS) | |
| Last measured water level was | 5010.26 |
| asured on | 31-JUL-1996 |
| Date Updated: | 14-MAR-00 |
| Date Printed: | 12-JAN-2004 |

FASL

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 22-SEP-1985 |
| Well Name: | CWL-MW2 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED SEPTEMBER 1997. CEMENTED IN PLACE. |
| Drilling Contractor: | | | |
| Drilling Method: | AUGER/MUD ROTARY | | |
| Borehole Depth: | 660 | | |
| Casing Depth: | 650 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|-----------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 01-AUG-1988 |
| Well Name: | CWL-MW2A | Completion Zone: | SILTY SAND/CLAYEY GRAVEL |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-AUG-1988 | Well Comment: | WATER LEVEL MEASURED ON 10-OCT-88 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 527 | | |
| Casing Depth: | 495 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-------------|--|-----------------------|
| Survey Date: | 01-JAN-1990 | Casing Stickup: | |
| Surveyed By: | | Interval | Start Stop |
| State Plane Coordinates | | BOREHOLE | 0' 200' |
| (X) Easting: | 414168.84 | | O.D. 14" |
| (Y) Northing: | 1444979.66 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | GROUT/BACKFILL | 0' 452' |
| | | VOLCLAY | |
| Protective Casing: | 5419.31 | Interval | Start Stop |
| Top of Inner Well Casing: | 5418.58 | CASING | 0' 495' |
| Concrete Pad: | 5417.16 | SCH 80 PVC | I.D. 5" |
| Ground Surface: | 5417.08 | Interval | Start Stop |
| | | BOREHOLE | 200' 527' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 452' 461' |
| | | BENTONITE | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 461' 466' |
| | | 16/40 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 466' 495' |
| | | 10/20 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 473' 493' |
| | | 304 STAINLESS STEEL | |
| | | | Slot Size .01" |
| | | Interval | Start Stop |
| | | SUMP | 493' 495' |

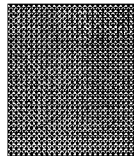
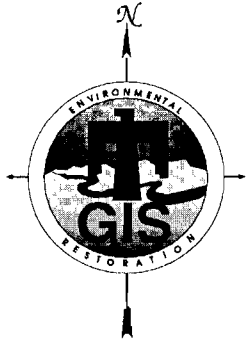


| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | 4940.01 |
| (FAMSL) | |
| Initial Depth To Water: | 478.57 |
| (FBGS) | |
| Last measured water level was | 4934.3 |
| measured on | 02-AUG-1996 |
| Date Updated: | 14-MAR-00 |
| Date Printed: | 12-JAN-2004 |

FASL

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|-----------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 01-AUG-1988 |
| Well Name: | CWL-MW2A | Completion Zone: | SILTY SAND/CLAYEY GRAVEL |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-AUG-1988 | Well Comment: | WATER LEVEL MEASURED ON 10-OCT-88 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 527 | | |
| Casing Depth: | 495 | | |

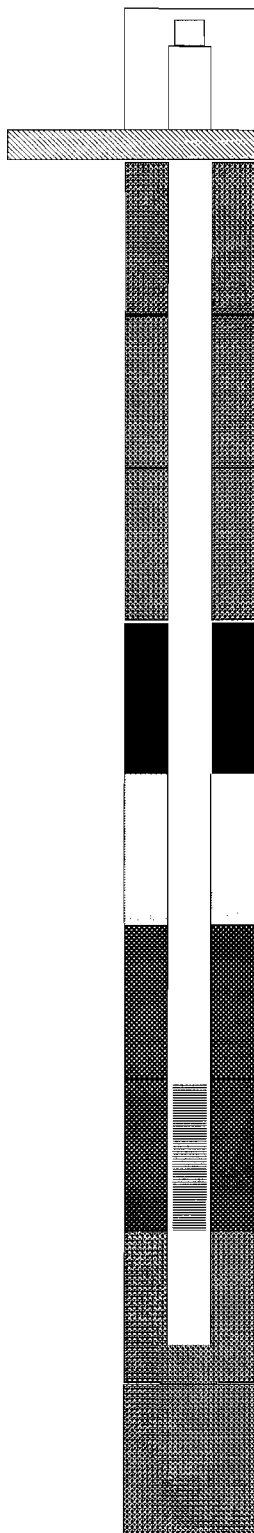


| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 495' | 527' |
| VOLCLAY/BENTONITE | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 05-JUN-1994 |
| Well Name: | CWL-MW2BL | Completion Zone: | GRAVELLY SAND/SILTY SAND |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 17-MAY-1994 | Well Comment: | INCORRECTLY LABELED MW-2. WATER LEVEL MEASURED ON 8/2/96 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 559 | | |
| Casing Depth: | 557.5 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-------------|--|-----------------------|
| Survey Date: | 20-JUL-1994 | Casing Stickup: | 2.05 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414174.676 | GROUT/BACKFILL | 0' 440' |
| (Y) Northing: | 1444913.385 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5420.1 | CASING | 0' 557.5' |
| Top of Inner Well Casing: | 5419.39 | PVC | I.D. 4.77" O.D. 5.56" |
| Concrete Pad: | 5417.37 | Interval | Start Stop |
| Ground Surface: | 5417.365 | BOREHOLE | 0' 559' |
| | | | O.D. 12.5" |
| | | Interval | Start Stop |
| | | SEAL | 503' 527' |
| | | BENTONITE/SAND MIX | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 525.5' 527' |
| | | 60 SILICA | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 527' 554' |
| | | 460 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 532.5' 552.5' |
| | | PVC | |
| | | Slot Size | .01" |
| | | Interval | Start Stop |
| | | SUMP | 552.5' 557.5' |
| | | Interval | Start Stop |
| | | PLUG BACK | 554' 559' |
| | | 60 SILICA | |



| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4934.99 |
| (FAMSL) | |
| Initial Depth To Water: | 484.4 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

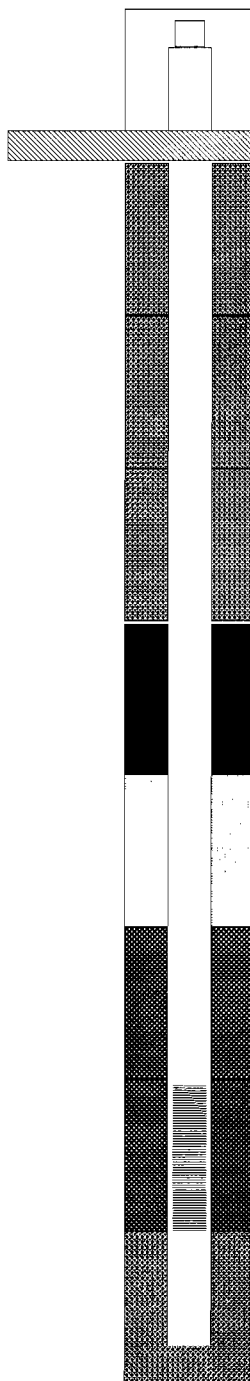
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|------------------------|---------------------|--------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 05-JUN-1994 |
| Well Name: | CWL-MW2BL | Completion Zone: | GRAVELLY SAND/SILTY SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 17-MAY-1994 | Well Comment: | INCORRECTLY LABELED MW-2. WATER LEVEL MEASURED ON 8/2/96 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 559 | | |
| Casing Depth: | 557.5 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 05-JUN-1994 |
| Well Name: | CWL-MW2BU | Completion Zone: | SANDY SILT/GRAVELLY SAND |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 17-MAY-1994 | Well Comment: | INCORRECTLY LABELED MW-2 . IRREGULARLY SAMPLED MAINLY USED AS A PIEZOMETER. WATER LEVEL MEASURED ON 8/2/96. |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 559 | | |
| Casing Depth: | 501 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-------------|---|----------------------|
| Survey Date: | 20-JUL-1994 | Casing Stickup: | 2.08 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414175.13 | GROUT/BACKFILL | 0' 440' |
| (Y) Northing: | 1444913.333 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | CASING | 0' 501' |
| | | PVC | I.D. 1.9" O.D. 2.37" |
| Protective Casing: | 5420.1 | Interval | Start Stop |
| Top of Inner Well Casing: | 5419.42 | BOREHOLE | 0' 559' |
| Concrete Pad: | 5417.365 | | O.D. 12.5" |
| Ground Surface: | 5417.365 | Interval | Start Stop |
| | | SEAL | 440' 470' |
| | | VOLCLAY/BENTONITE | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 470' 471' |
| | | 60 SILICA | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 471' 503' |
| | | 40/60 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 476' 496' |
| | | PVC | |
| | | Slot Size | .01" |
| | | Interval | Start Stop |
| | | SUMP | 496' 501' |



| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4930.62 |
| (FAMSL) | |
| Initial Depth To Water: | 488.8 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

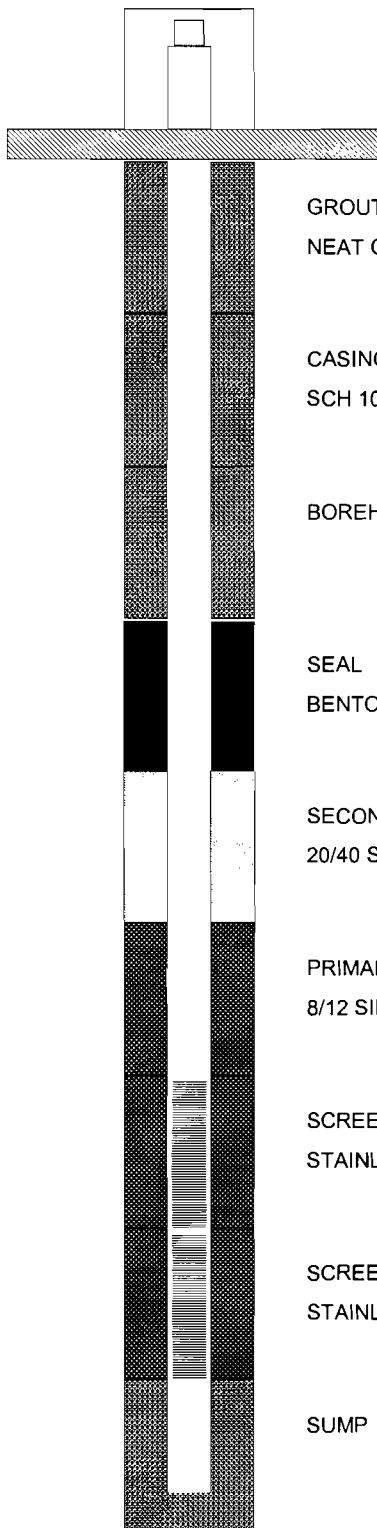
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|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 05-JUN-1994 |
| Well Name: | CWL-MW2BU | Completion Zone: | SANDY SILT/GRAVELLY SAND |
| r Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 17-MAY-1994 | Well Comment: | INCORRECTLY LABELED MW-2 . IRREGULARLY SAMPLED MAINLY USED AS A PIEZOMETER. WATER LEVEL MEASURED ON 8/2/96. |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 559 | | |
| Casing Depth: | 501 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 26-SEP-1985 |
| Well Name: | CWL-MW3 | Completion Zone: | COARSE SAND AND GRAVELS - FINE |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED SEPTEMBER 1997. CEMENTED IN PLACE. |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY/AUGER | | |
| Borehole Depth: | 615 | | |
| Casing Depth: | 615 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-------------|--|-------------------------|
| Survey Date: | 01-JAN-1987 | Casing Stickup: | 2 |
| Surveyed By: | | Interval | Start Stop |
| State Plane Coordinates | | GROUT/BACKFILL | 0' 495' |
| (X) Easting: | 414131.05 | NEAT CEMENT GROUT | |
| (Y) Northing: | 1444824.61 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | CASING | 0' 615' |
| | | SCH 10 SS | I.D. 2.067" O.D. 2.375" |
| Protective Casing: | 5418.83 | Interval | Start Stop |
| Top of Inner Well Casing: | 5418.83 | BOREHOLE | 0' 615' |
| Concrete Pad: | 5416.83 | | O.D. 7.875" |
| Ground Surface: | 5416.75 | Interval | Start Stop |
| | | SEAL | 495' 505' |
| | | BENTONITE | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 505' 515' |
| | | 20/40 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 515' 615' |
| | | 8/12 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 525' 565' |
| | | STAINLESS STEEL | |
| | | Interval | Start Stop |
| | | SCREEN | 575' 595' |
| | | STAINLESS STEEL | |
| | | Interval | Start Stop |
| | | SUMP | 595' 615' |



| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | 4934.79 |
| (FAMSL) | |
| Initial Depth To Water: | 484.04 |
| (FBGS) | |
| Last measured water level was | 4931.25 |
| measured on | 29-AUG-1995 |
| Date Updated: | 14-MAR-00 |
| Date Printed: | 12-JAN-2004 |

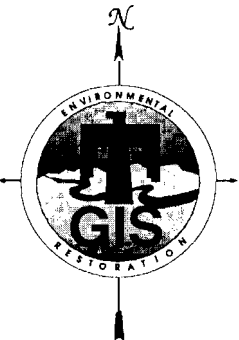
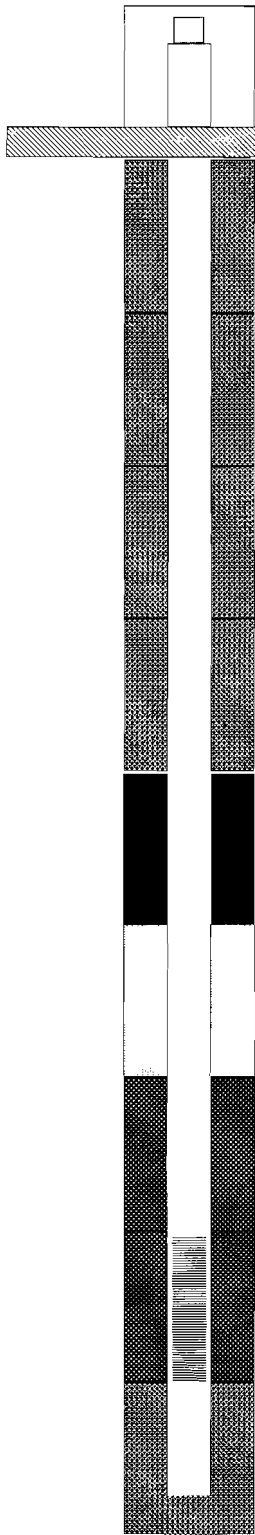
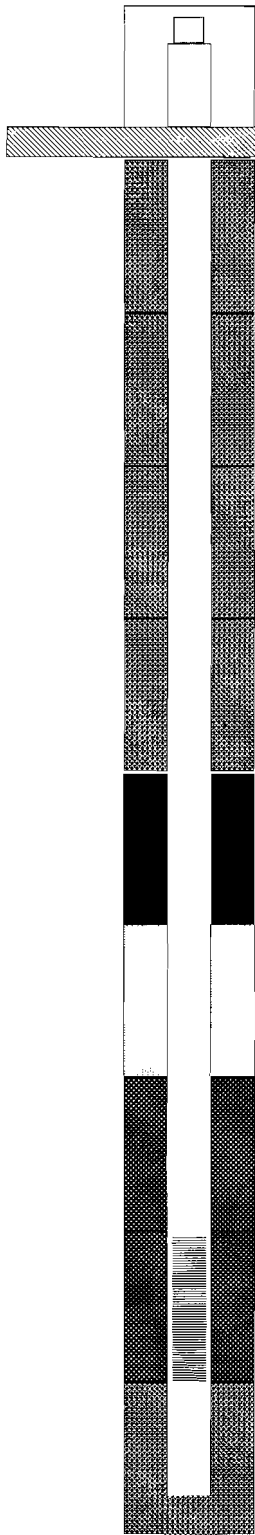
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|--|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 26-SEP-1985 |
| Well Name: | CWL-MW3 | Completion Zone: | COARSE SAND AND GRAVELS - FINE |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-JUN-1985 | Well Comment: | PLUGGED AND ABANDONED SEPTEMBER 1997. CEMENTED IN PLACE. |
| Drilling Contractor: | | | |
| Drilling Method: | MUD ROTARY/AUGER | | |
| Borehole Depth: | 615 | | |
| Casing Depth: | 615 | | |



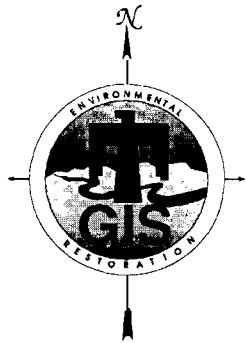
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|-------------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA III |
| IR ADS #: | 1267 | Well Completion Date: | 11-AUG-1988 |
| Well Name: | CWL-MW3A | Completion Zone: | SILTY CLAY |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-AUG-1988 | Well Comment: | WATER LEVEL MEASURED ON AUGUST 1991 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 493 | | |
| Casing Depth: | 492 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|---|---|--|
| Survey Date: 01-JAN-1990 | Casing Stickup: 1.4 | |
| Surveyed By: | Interval Start Stop | |
| State Plane Coordinates | BOREHOLE 0' 200' | |
| (X) Easting: 414135.45 | O.D. 14" | |
| (Y) Northing: 1444774.8 | Interval Start Stop | |
| Surveyed Elevations (FAMSL) | GROUT/BACKFILL 0' 456' | |
| Protective Casing: 5418.72 | VOLCLAY | |
| Top of Inner Well Casing: 5417.78 | Interval Start Stop | |
| Concrete Pad: 5416.55 | CASING 0' 492' | |
| Ground Surface: 5416.39 | SS/PVC I.D. 5" | |
|  | Interval Start Stop | |
| | BOREHOLE 200' 493' | |
| | O.D. 10" | |
| | Interval Start Stop | |
| | SEAL 456' 462' | |
|  | Interval Start Stop | |
| | SECONDARY PACK 462' 465' | |
| | 16/40 SAND | |
| | Interval Start Stop | |
| | PRIMARY PACK 465' 493' | |
|  | Interval Start Stop | |
| | SCREEN 470' 490' | |
| | 304 STAINLESS STEEL | |
| | Slot Size .01" | |
| | Interval Start Stop | |
| | SUMP 490' 492' | |
| Calculated Depths and Elevations | | |
| Initial Water Elevation: 4942.48 | | |
| (FAMSL) | | |
| Initial Depth To Water: 475.3 | | |
| (FBGS) | | |
| Last measured water level was 4934.7 | FASL | |
| asured on 29-AUG-1995 | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | |

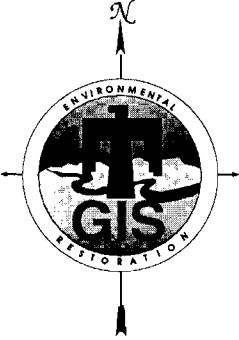
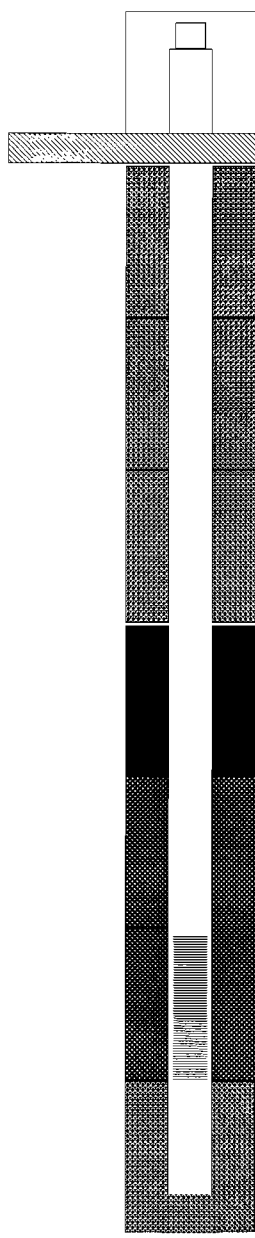
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|-------------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1267 | Well Completion Date: | 11-AUG-1988 |
| Well Name: | CWL-MW3A | Completion Zone: | SILTY CLAY |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-AUG-1988 | Well Comment: | WATER LEVEL MEASURED ON AUGUST 1991 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 493 | | |
| Casing Depth: | 492 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: CHEM WASTE LANDFILL | Geo Location: TA-III |
| ER ADS #: 1267 | Well Completion Date: 04-MAY-1990 |
| Well Name: CWL-MW4 | Completion Zone: COARSE SAND |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | Well Comment: AUGER TO 261' - MUD ROTARY TO TD - WATER LEVEL MEASURED 12-AUG-91 |
| Drilling Contractor: | |
| Drilling Method: AUGER/MUD ROTARY | |
| Borehole Depth: 505 | |
| Casing Depth: 480 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date:</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting: 414195.17</p> <p>(Y) Northing: 1445111.6</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing: 5421.35</p> <p>Top of Inner Well Casing: 5420.33</p> <p>Concrete Pad: 5418.39</p> <p>Ground Surface: 5418.38</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 4935.88 (FAMSL)</p> <p>Initial Depth To Water: 484.45 (FBGS)</p> <p>Last measured water level was 4932.18 FASL asured on 02-AUG-1996</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup: 1.94</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">458'</td> </tr> <tr> <td>BENTONITE/CEMENT</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">480'</td> </tr> <tr> <td>SCH 80 PVC/SS</td> <td style="text-align: right;">I.D. 3.8"</td> <td style="text-align: right;">O.D. 4.5"</td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">505'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 8.75"</td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">458'</td> <td style="text-align: right;">468'</td> </tr> <tr> <td>BENTONITE</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">468'</td> <td style="text-align: right;">505'</td> </tr> <tr> <td>20/40 MESH SILICA</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">478'</td> <td style="text-align: right;">498'</td> </tr> <tr> <td>304 SS</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">Slot Size</td> <td style="text-align: right;">.01"</td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">498'</td> <td style="text-align: right;">503'</td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 458' | BENTONITE/CEMENT | | | Interval | Start | Stop | CASING | 0' | 480' | SCH 80 PVC/SS | I.D. 3.8" | O.D. 4.5" | Interval | Start | Stop | BOREHOLE | 0' | 505' | | | O.D. 8.75" | Interval | Start | Stop | SEAL | 458' | 468' | BENTONITE | | | Interval | Start | Stop | PRIMARY PACK | 468' | 505' | 20/40 MESH SILICA | | | Interval | Start | Stop | SCREEN | 478' | 498' | 304 SS | | | | Slot Size | .01" | Interval | Start | Stop | SUMP | 498' | 503' |
|--|--|--|----------|-------|------|----------------|----|------|------------------|--|--|-----------------|--------------|-------------|--------|----|------|---------------|-----------|-----------|-----------------|--------------|-------------|----------|----|------|--|--|------------|-----------------|--------------|-------------|------|------|------|-----------|--|--|-----------------|--------------|-------------|--------------|------|------|-------------------|--|--|-----------------|--------------|-------------|--------|------|------|--------|--|--|--|------------------|------|-----------------|--------------|-------------|------|------|------|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 458' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE/CEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 480' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC/SS | I.D. 3.8" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 505' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 8.75" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 458' | 468' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 468' | 505' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/40 MESH SILICA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 478' | 498' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 304 SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 498' | 503' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

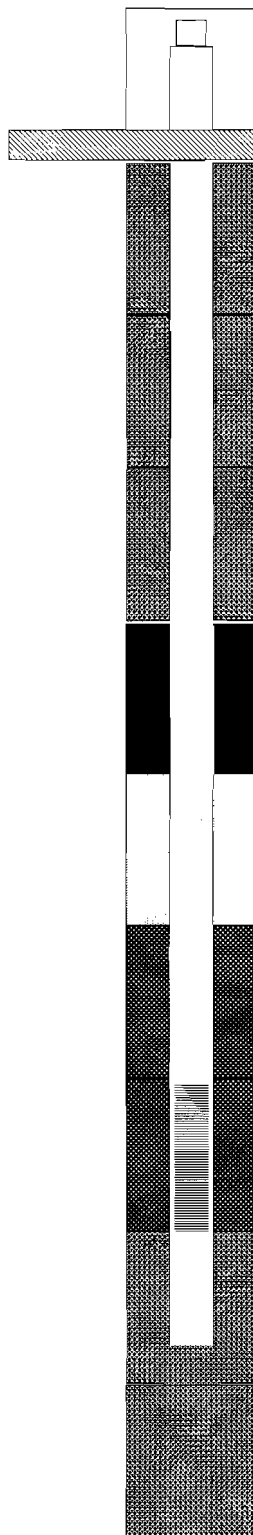
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|------------------------|---------------------|--------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 04-MAY-1990 |
| Well Name: | CWL-MW4 | Completion Zone: | COARSE SAND |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | AUGER TO 261' - MUD ROTARY TO TD - WATER LEVEL MEASURED 12-AUG-91 |
| Drilling Contractor: | | | |
| Drilling Method: | AUGER/MUD ROTARY | | |
| Borehole Depth: | 505 | | |
| Casing Depth: | 480 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|-------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| IR ADS #: | 1267 | Well Completion Date: | 19-APR-1994 |
| Well Name: | CWL-MW5L | Completion Zone: | SANDY GRAVEL/SAND |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-MAR-1994 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 558 | | |
| Casing Depth: | 558 | | |

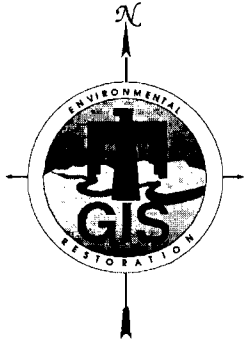
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|--|----------------------|
| Survey Date: | 20-JUL-1994 | Casing Stickup: | 1.73 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 413999.067 | GROUT/BACKFILL | 0' 440' |
| (Y) Northing: | 1444759.62 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5416.53 | CASING | 0' 558' |
| Top of Inner Well Casing: | 5415.8 | PVC | I.D. 1.9" O.D. 2.37" |
| Concrete Pad: | 5414.02 | Interval | Start Stop |
| Ground Surface: | 5414.02 | BOREHOLE | 0' 558' |
| | | | O.D. 12.5" |
| | | Interval | Start Stop |
| | | SEAL | 505' 527' |
| | | BENT/VOLCLAY/SAND | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 527' 529' |
| | | 60 SILICA | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 529' 555' |
| | | 40/60 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 533' 553' |
| | | PVC | |
| | | Slot Size | .01" |
| | | Interval | Start Stop |
| | | SUMP | 553' 558' |
| | | Interval | Start Stop |
| | | PLUG BACK | 555' 558' |
| | | BENTONITE PELLETS | |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | |
| (FAMSL) | |
| Initial Depth To Water: | |
| (FBGS) | |
| Last measured water level was | 4930.18 FASL |
| asured on | 06-AUG-1996 |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

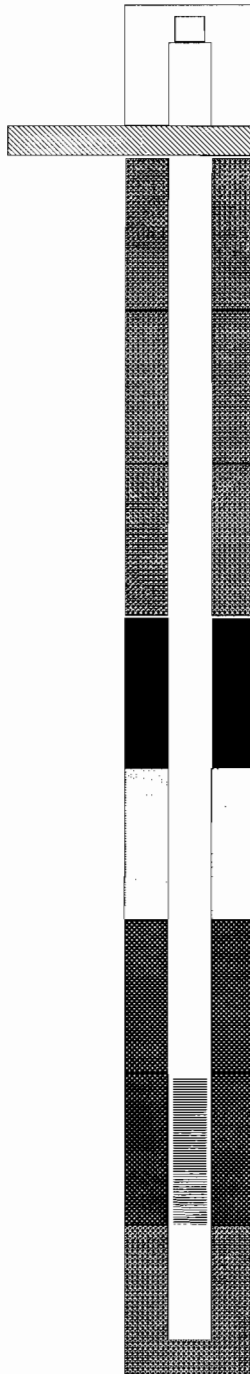
| | | | |
|-------------------------------|---------------------|---------------------------------|-------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 19-APR-1994 |
| Well Name: | CWL-MW5L | Completion Zone: | SANDY GRAVEL/SAND |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-MAR-1994 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 558 | | |
| Casing Depth: | 558 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 19-APR-1994 |
| Well Name: | CWL-MW5U | Completion Zone: | SILTY CLAYEY SAND |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-MAR-1994 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 558 | | |
| Casing Depth: | 502 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-------------|--|-----------------------|
| Survey Date: | 20-JUL-1994 | Casing Stickup: | 1.93 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 413999.191 | GROUT/BACKFILL | 0' 440' |
| (Y) Northing: | 1444759.335 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5416.53 | CASING | 0' 502' |
| Top of Inner Well Casing: | 5416.01 | PVC | I.D. 4.77" O.D. 5.56" |
| Concrete Pad: | 5414.02 | Interval | Start Stop |
| Ground Surface: | 5414.02 | BOREHOLE | 0' 558' |
| | | | O.D. 12.5" |
| | | Interval | Start Stop |
| | | SEAL | 440' 470' |
| | | VOLCLAY/BENTONITE | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 470' 473' |
| | | 60 SILICA | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 473' 504' |
| | | 40/60 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 477' 497' |
| | | PVC | |
| | | Interval | Start Stop |
| | | SUMP | 497' 502' |
| | | | Slot Size .01" |



| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | |
| (FAMSL) | |
| Initial Depth To Water: | |
| (FBGS) | |
| Last measured water level was | 4934.08 |
| asured on | 06-AUG-1996 |
| Date Updated: | 14-MAR-00 |
| Date Printed: | 12-JAN-2004 |

FASL

WELL DATABASE SUMMARY SHEET

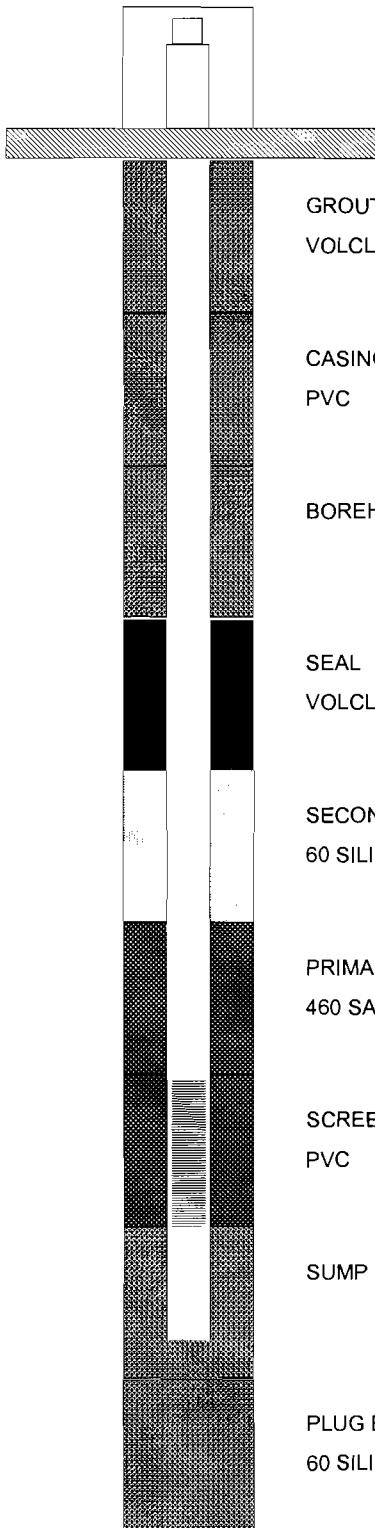
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|-------------------------------|---------------------|---------------------------------|-------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 19-APR-1994 |
| Well Name: | CWL-MW5U | Completion Zone: | SILTY CLAYEY SAND |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-MAR-1994 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 558 | | |
| Casing Depth: | 502 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|---------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 04-MAY-1994 |
| Well Name: | CWL-MW6L | Completion Zone: | SILTY CLAYEY SAND/GRAV SAND |
| er Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-APR-1994 | Well Comment: | IRREGULARLY SAMPLED - 2" CASING |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 564 | | |
| Casing Depth: | 564 | | |

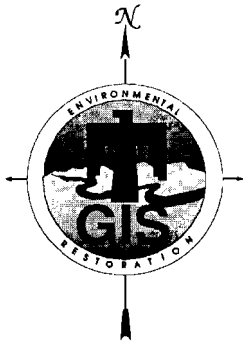
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|---|----------------------|
| Survey Date: | 20-JUL-1994 | Casing Stickup: | 2.58 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414039.516 | GROUT/BACKFILL | 0' 440' |
| (Y) Northing: | 1445061.152 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5417.86 | CASING | 0' 564' |
| Top of Inner Well Casing: | 5417.13 | PVC | I.D. 1.9" O.D. 2.37" |
| Concrete Pad: | 5414.648 | Interval | Start Stop |
| Ground Surface: | 5414.648 | BOREHOLE | 0' 564' |
| | | | O.D. 12.5" |
| | | Interval | Start Stop |
| | | SEAL | 507' 532' |
| | | VOLCLAY/BENT CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 532' 534' |
| | | 60 SILICA | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 534' 561' |
| | | 460 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 539' 559' |
| | | PVC | |
| | | Slot Size | .01" |
| | | Interval | Start Stop |
| | | SUMP | 559' 564' |
| | | Interval | Start Stop |
| | | PLUG BACK | 561' 564' |
| | | 60 SILICA | |



| Calculated Depths and Elevations | |
|--|-----------------------------|
| Initial Water Elevation: (FAMSL) | 4930.02 |
| Initial Depth To Water: (FBGS) | 482.79 |
| Last measured water level was asured on | 4930.02 FASL 02-AUG-1996 |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

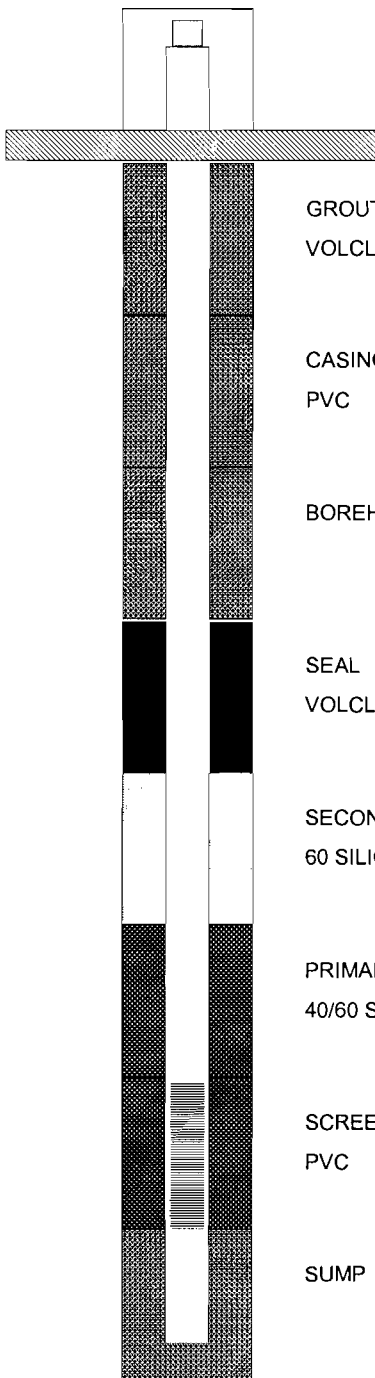
| | | | |
|------------------------|---------------------|--------------------------|---------------------------------|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| IR ADS #: | 1267 | Well Completion Date: | 04-MAY-1994 |
| Well Name: | CWL-MW6L | Completion Zone: | SILTY CLAYEY SAND/GRAV SAND |
| Well Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-APR-1994 | Well Comment: | IRREGULARLY SAMPLED - 2" CASING |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 564 | | |
| Casing Depth: | 564 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 04-MAY-1994 |
| Well Name: | CWL-MW6U | Completion Zone: | SANDY SILT |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-APR-1994 | Well Comment: | SAMPLED QUARTERLY. WATER LEVEL MEASURED ON 8/2/96 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 564 | | |
| Casing Depth: | 502 | | |

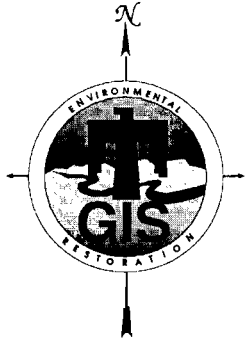
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|----------------------------------|-------------|---|-----------------------|
| Survey Date: | 20-JUL-1994 | Casing Stickup: | 2.1 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414039.868 | GROUT/BACKFILL | 0' 440' |
| (Y) Northing: | 1445061.065 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | CASING | 0' 502' |
| | | PVC | I.D. 4.77" O.D. 5.56" |
| Protective Casing: | 5417.86 | Interval | Start Stop |
| Top of Inner Well Casing: | 5416.78 | BOREHOLE | 0' 564' |
| Concrete Pad: | 5414.65 | | O.D. 12.5" |
| Ground Surface: | 5414.648 | Interval | Start Stop |
| | | SEAL | 440' 470' |
| | | VOLCLAY | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 470' 472' |
| | | 60 SILICA | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 472' 507' |
| | | 40/60 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 477' 497' |
| | | PVC | |
| | | | Slot Size .01" |
| | | Interval | Start Stop |
| | | SUMP | 497' 502' |



| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | 4934 |
| (FAMSL) | |
| Initial Depth To Water: | 482.78 |
| (FBGS) | |
| Last measured water level was | 4933.99 |
| measured on | 02-AUG-1996 |
| Date Updated: | 14-MAR-00 |
| Date Printed: | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CHEM WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1267 | Well Completion Date: | 04-MAY-1994 |
| Well Name: | CWL-MW6U | Completion Zone: | SANDY SILT |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-APR-1994 | Well Comment: | SAMPLED QUARTERLY. WATER LEVEL MEASURED ON 8/2/96 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY/STRATEX | | |
| Borehole Depth: | 564 | | |
| Casing Depth: | 502 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|----------------|--------------------------|--|
| Project Name: | CWL ER PROJECT | Geo Location: | WEST SIDE OF CWL |
| ER ADS #: | 1267 | Well Completion Date: | 20-MAR-2003 |
| Well Name: | CWL-MW7 | Completion Zone: | SAND AND GRAVEL |
| er Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 10-MAR-2003 | Well Comment: | 0-10' BACKFILL WITH CEMENT, 801.5-805 NATURAL BACKFILL. PLUG BACK 50/50, 3/8" BENTONITE CHIPS AND 10/20 SAND** |
| Drilling Contractor: | WDC | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 805 | | |
| Casing Depth: | 643 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|----------------|--|---------------------|
| Survey Date: | 23-JUN-2003 | Casing Stickup: | 2.6 |
| Surveyed By: | VLADIMIR JIRIK | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414175.8 | CASING | 0' 643' |
| (Y) Northing: | 1444738.66 | SCHEDULE 80 PVC | I.D. 4.8" O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5419.97 | BOREHOLE | 0' 805' |
| Top of Inner Well Casing: | 5419.51 | | O.D. 10.63" |
| Concrete Pad: | 5417.23 | Interval | Start Stop |
| Ground Surface: | 5416.79 | GROUT/BACKFILL | 10' 586' |
| | | BENTONITE GROUT | |
| | | Interval | Start Stop |
| | | SEAL | 586' 607.6' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 607.6' 610.6' |
| | | 60 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 610.6' 645.5' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 618' 638' |
| | | SCHEDULE 80 PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 638' 643' |
| | | Interval | Start Stop |
| | | PLUG BACK | 645.5' 801.5' |
| | | SEE WELL COMMENT** | |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | 4912.91 |
| (FAMSL) | |
| Initial Depth To Water: | 506.6 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 20-AUG-03 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

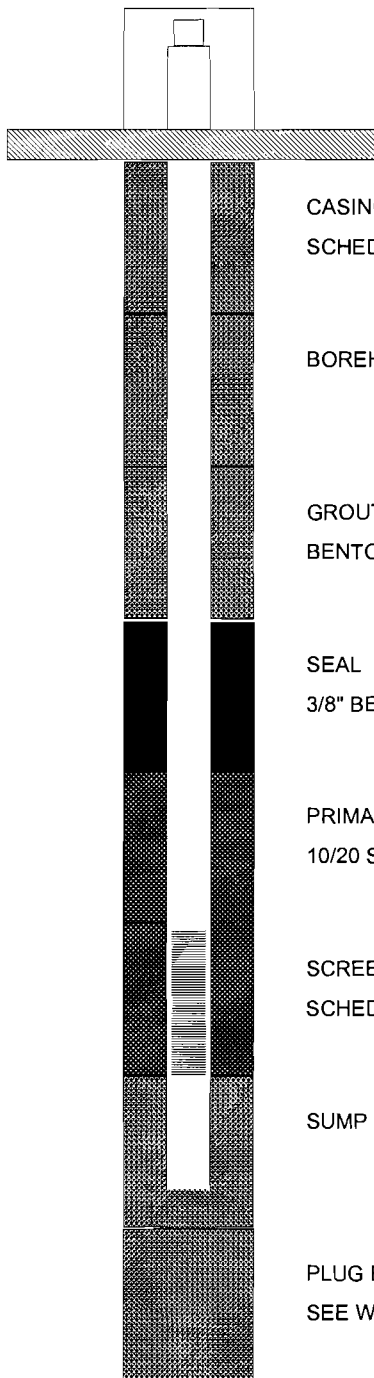
| | | | |
|-------------------------------|----------------|---------------------------------|--|
| Project Name: | CWL ER PROJECT | Geo Location: | WEST SIDE OF CWL |
| ER ADS #: | 1267 | Well Completion Date: | 20-MAR-2003 |
| Well Name: | CWL-MW7 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 10-MAR-2003 | Well Comment: | 0-10' BACKFILL WITH CEMENT, 801.5-805 NATURAL BACKFILL. PLUG BACK 50/50, 3/8" BENTONITE CHIPS AND 10/20 SAND** |
| Drilling Contractor: | WDC | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 805 | | |
| Casing Depth: | 643 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------|---------------------------------|--|
| Project Name: | CWL ER PROJECT | Geo Location: | WEST SIDE OF CWL |
| ER ADS #: | 1267 | Well Completion Date: | 02-APR-2003 |
| Well Name: | CWL-MW8 | Completion Zone: | SILTY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 25-MAR-2003 | Well Comment: | 0-10' BACKFILL WITH CEMENT. 50/50 BENTONITE CHIPS AND 10/20 SAND** |
| Drilling Contractor: | WDC | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 805 | | |
| Casing Depth: | 637 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|----------------|--|---------------------|
| Survey Date: | 23-JUN-2003 | Casing Stickup: | 2.3 |
| Surveyed By: | VLADIMIR JIRIK | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414163.46 | CASING | 0' 637' |
| (Y) Northing: | 1445013.36 | SCHEDULE 80 PVC | I.D. 4.8" O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | BOREHOLE | 0' 805' |
| | | | O.D. 10.63" |
| Protective Casing: | 5419.64 | Interval | Start Stop |
| Top of Inner Well Casing: | 5419.26 | GROUT/BACKFILL | 10' 560' |
| Concrete Pad: | 5417.2 | BENTONITE GROUT | |
| Ground Surface: | 5416.92 | Interval | Start Stop |
| | | SEAL | 560' 575' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 575' 662' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 612' 632' |
| | | SCHEDULE 80 PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 632' 637' |
| | | Interval | Start Stop |
| | | PLUG BACK | 662' 805' |
| | | SEE WELL COMMENTS** | |



| Calculated Depths and Elevations | |
|--------------------------------------|-------------|
| Initial Water Elevation: | 4912.81 |
| (FAMSL) | |
| Initial Depth To Water: | 506.45 |
| (FBGS) | |
| Last measured water level was | FASL |
| measured on | |

Date Updated: 20-AUG-03 **Date Printed:** 12-JAN-2004


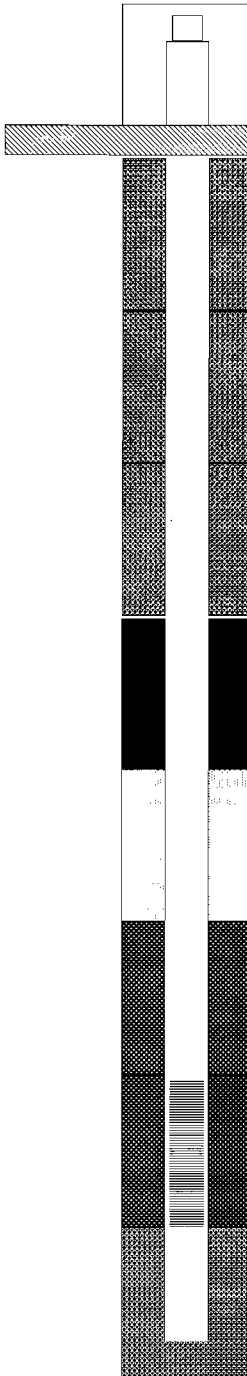
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------|---------------------------------|--|
| Project Name: | CWL ER PROJECT | Geo Location: | WEST SIDE OF CWL |
| ER ADS #: | 1267 | Well Completion Date: | 02-APR-2003 |
| Well Name: | CWL-MW8 | Completion Zone: | SILTY SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 25-MAR-2003 | Well Comment: | 0-10' BACKFILL WITH CEMENT. 50/50 BENTONITE CHIPS AND 10/20 SAND** |
| Drilling Contractor: | WDC | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 805 | | |
| Casing Depth: | 637 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|--|---|--|
| Project Name: NARROWS DRILLING Well ADS #: Well Name: CYN-MW1D Well Owner Name: SNL Date Drilling Started: 21-NOV-1997 Drilling Contractor: STEWART BROTHERS Drilling Method: ARCH/AIR ROTARY Borehole Depth: 392 Casing Depth: 392 | Geo Location: LURANCE CANYON ARROYO .25 MILE Well Completion Date: 22-DEC-1997 Completion Zone: Formation of Completion: GRANITE GNEISS (BEDROCK) Well Comment: HAD TROUBLE WITH CEMENT BUCKET IT ALLOWED SOME SAND AND CEMENT TO BREACH PRIOR TO BRIDGING PROPERLY. | |
|--|---|--|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|-----------------|--------------|-------------|----------------|----|--------|------------------|--|--|--|--|--|-----------------|--------------|-------------|--------|----|------|------------------|-------------|-------------|--|--|--|-----------------|--------------|-------------|----------|----|------|--|--|----------|--|--|--|-----------------|--------------|-------------|------|------|------|-------------------|--|--|--|--|--|-----------------|--------------|-------------|----------------|------|------|------------|--|--|--|--|--|-----------------|--------------|-------------|--------------|------|------|-------------|--|--|--|--|--|-----------------|--------------|-------------|--------|------|------|------------------|--|--|--|--|--|-----------------|--------------|-------------|------|------|------|
| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> Survey Date: 16-FEB-1998 Surveyed By: JAMES WHEELER State Plane Coordinates (X) Easting: 449989.56 (Y) Northing: 1456103.84 <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Surveyed Elevations (FAMSL)</div> Protective Casing: 6237.37 Top of Inner Well Casing: 6236.92 Concrete Pad: 6234.46 Ground Surface: 6233.99 <div style="text-align: center;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Calculated Depths and Elevations</div> Initial Water Elevation: 5913.92 (FAMSL) Initial Depth To Water: 323 (FBGS) Last measured water level was FASL measured on Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004 |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px; text-align: center;">Completion Data Measured Depths (FBGS)</div> Casing Stickup: 2.46 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">298.5'</td> </tr> <tr> <td>BENTONITE CEMENT</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">392'</td> </tr> <tr> <td>LOW CARBON STEEL</td> <td style="text-align: right;">I.D. 5.125"</td> <td style="text-align: right;">O.D. 5.625"</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">392'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 12"</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">298'</td> <td style="text-align: right;">310'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SECONDARY PACK</td> <td style="text-align: right;">310'</td> <td style="text-align: right;">322'</td> </tr> <tr> <td>40/60 SAND</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">322'</td> <td style="text-align: right;">359'</td> </tr> <tr> <td>3/8" GRAVEL</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">372'</td> <td style="text-align: right;">382'</td> </tr> <tr> <td>LOW CARBON STEEL</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">382'</td> <td style="text-align: right;">392'</td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 298.5' | BENTONITE CEMENT | | | | | | Interval | Start | Stop | CASING | 0' | 392' | LOW CARBON STEEL | I.D. 5.125" | O.D. 5.625" | | | | Interval | Start | Stop | BOREHOLE | 0' | 392' | | | O.D. 12" | | | | Interval | Start | Stop | SEAL | 298' | 310' | BENTONITE PELLETS | | | | | | Interval | Start | Stop | SECONDARY PACK | 310' | 322' | 40/60 SAND | | | | | | Interval | Start | Stop | PRIMARY PACK | 322' | 359' | 3/8" GRAVEL | | | | | | Interval | Start | Stop | SCREEN | 372' | 382' | LOW CARBON STEEL | | | | | | Interval | Start | Stop | SUMP | 382' | 392' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 298.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE CEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 392' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOW CARBON STEEL | I.D. 5.125" | O.D. 5.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 392' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 12" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 298' | 310' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 310' | 322' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/60 SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 322' | 359' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/8" GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 372' | 382' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOW CARBON STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 382' | 392' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------|---------------------------------|---|
| Project Name: | NARROWS DRILLING | Geo Location: | LURANCE CANYON ARROYO .25 MILE |
| ER ADS #: | | Well Completion Date: | 22-DEC-1997 |
| Well Name: | CYN-MW1D | Completion Zone: | |
| Well Owner Name: | SNL | Formation of Completion: | GRANITE GNEISS (BEDROCK) |
| Date Drilling Started: | 21-NOV-1997 | Well Comment: | HAD TROUBLE WITH CEMENT BUCKET IT ALLOWED SOME SND AND CEMENT TO BREECH PRIOR TO BRIDGING PROPERLY. |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | ARCH/AIR ROTARY | | |
| Borehole Depth: | 392 | | |
| Casing Depth: | 392 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--|
| Project Name: | CANYONS RFI | Geo Location: | 5 MILES EAST OF BURN SITE |
| ER ADS #: | 1333 | Well Completion Date: | 22-DEC-1997 |
| Well Name: | CYN-MW2S | Completion Zone: | BEDROCK/ALLUVIUM INTERFACE |
| Well ID Name: | SNL | Formation of Completion: | MANZANITA GNEISS |
| Date Drilling Started: | 20-DEC-1997 | Well Comment: | WATER IN CYN-MW1D 375' CYN-MW2S COMPLETED TO MONITOR POTENTIAL UNDERFLOW AT BEDROCK/ALLUVIUM INTERFACE |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 35.2 | | |
| Casing Depth: | 34.2 | | |

Survey Data

Survey Date: 16-FEB-1998
Surveyed By: JAMES WHEELER

State Plane Coordinates

(X) Easting: 449976
(Y) Northing: 1456084.55

Surveyed Elevations (FAMSL)

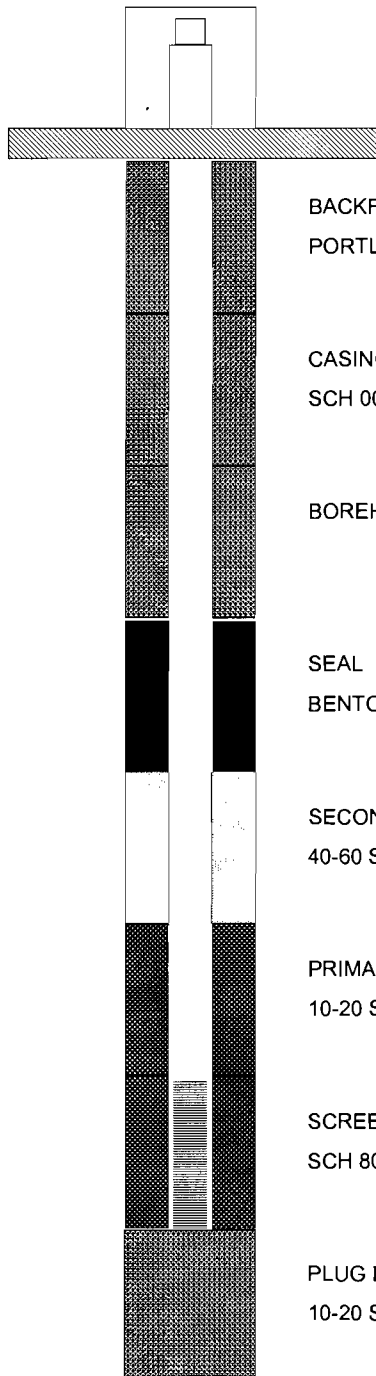
Protective Casing: 6237.15
Top of Inner Well Casing: 6236.74
Concrete Pad: 6234.36
Ground Surface: 6233.95



Completion Data Measured Depths (FBGS)

Casing Stickup: 2.38

| Interval | Start | Stop |
|-------------------|-------------------|-------|
| BACKFILL | 0' | 10.6' |
| PORTLAND CEMENT | | |
| Interval | Start | Stop |
| CASING | 0' | 34.2' |
| SCH 00 PVC | I.D. 4" O.D. 4.5" | |
| | Slot Size .02" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 35.2' |
| | O.D. 8" | |
| Interval | Start | Stop |
| SEAL | 10.6' | 15.6' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| SECONDARY PACK | 15.6' | 17.6' |
| 40-60 SAND | | |
| Interval | Start | Stop |
| PRIMARY PACK | 17.6' | 35.2' |
| 10-20 SAND | | |
| Interval | Start | Stop |
| SCREEN | 23.6' | 28.6' |
| SCH 80 PVC | | |
| | Slot Size .02" | |
| Interval | Start | Stop |
| PLUG BACK | 34.2' | 35.2' |
| 10-20 SAND | | |



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was
asured on

FASL

Date Updated:
14-MAR-00

Date Printed:
12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--|
| Project Name: | CANYONS RFI | Geo Location: | 5 MILES EAST OF BURN SITE |
| ER ADS #: | 1333 | Well Completion Date: | 22-DEC-1997 |
| Well Name: | CYN-MW2S | Completion Zone: | BEDROCK/ALLUVIUM INTERFACE |
| er Name: | SNL | Formation of Completion: | MANZANITA GNEISS |
| Date Drilling Started: | 20-DEC-1997 | Well Comment: | WATER IN CYN-MW1D 375' CYN-MW2S COMPLETED TO MONITOR POTENTIAL UNDERFLOW AT BEDROCK/ALLUVIUM INTERFACE |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 35.2 | | |
| Casing Depth: | 34.2 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------------|---------------------------------|--|
| Project Name: | CANYONS GROUNDWATER | Geo Location: | LURANCE CANYON BURN SITE |
| ER ADS #: | 1333 | Well Completion Date: | 18-JUN-1999 |
| Well Name: | CYN-MW3 | Completion Zone: | SCHIST/PHYLLITE |
| Driller Name: | SNL/NM | Formation of Completion: | COYOTE METASEDIMENTARY |
| Date Drilling Started: | 14-JUN-1999 | Well Comment: | WELL COMPLETED IN COYOTE METASEDIMENTARY |
| Drilling Contractor: | WATER DEVELOPMENT INC. | | |
| Drilling Method: | ARCH/AIR ROTARY | | |
| Borehole Depth: | 148 | | |
| Casing Depth: | 135 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|---------------------|--|-------------------|
| Survey Date: | 14-SEP-1999 | Casing Stickup: | .8 |
| Surveyed By: | ASCI-VLADIMIR JIRIK | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 451921.68 | GROUT/BACKFILL | 0' 100' |
| (Y) Northing: | 1456713.31 | BENTONITE SLURRY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 6311.5 | BOREHOLE | 0' 135' |
| Top of Inner Well Casing: | 6310.91 | Interval | Start Stop |
| Concrete Pad: | 6310.11 | CASING | 0' 135' |
| Ground Surface: | 6310 | SCHEDULE 80 PVC | I.D. 5" O.D. 5.5" |
| | | Interval | Start Stop |
| | | SEAL | 100' 110' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 110' 115' |
| | | 20-40 COLORADO SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 115' 135' |
| | | 4-8 COLORADO SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 120' 130' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | SUMP | 130' 135' |
| | | Interval | Start Stop |
| | | PLUG BACK | 135' 148' |
| | | 4-8 COLORADO SAND | |



| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 6189.91 |
| (FAMSL) | |
| Initial Depth To Water: | 121 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------------|---------------------------------|--|
| Project Name: | CANYONS GROUNDWATER | Geo Location: | LURANCE CANYON BURN SITE |
| ER ADS #: | 1333 | Well Completion Date: | 18-JUN-1999 |
| Well Name: | CYN-MW3 | Completion Zone: | SCHIST/PHYLLITE |
| er Name: | SNL/NM | Formation of Completion: | COYOTE METASEDIMENTARY |
| Date Drilling Started: | 14-JUN-1999 | Well Comment: | WELL COMPLETED IN COYOTE METASEDIMENTARY |
| Drilling Contractor: | WATER DEVELOPMENT INC. | | |
| Drilling Method: | ARCH/AIR ROTARY | | |
| Borehole Depth: | 148 | | |
| Casing Depth: | 135 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CANYONS GROUNDWATER | Geo Location: | LURANCE CANYON BURN SITE |
| ER ADS #: | 1333 | Well Completion Date: | 18-JUN-1999 |
| Well Name: | CYN-MW4 | Completion Zone: | BEDROCK SCHIST/PHYLLITE |
| Driller Name: | SNL/NM | Formation of Completion: | COYOTE METASEDIMENTARY |
| Date Drilling Started: | 12-JUN-1999 | Well Comment: | UPGRADIENT WELL FOR WE SITE 65, 94 AND 12. |
| Drilling Contractor: | ASCI-VLADIMIR JIRIK | | |
| Drilling Method: | ARCH/AIR ROTARY | | |
| Borehole Depth: | 318 | | |
| Casing Depth: | 290 | | |

Survey Data

Survey Date: 14-SEP-1999
Surveyed By: ASCI-VLADIMIR JIRIK

State Plane Coordinates

(X) Easting: 453551.66
(Y) Northing: 1458702.93

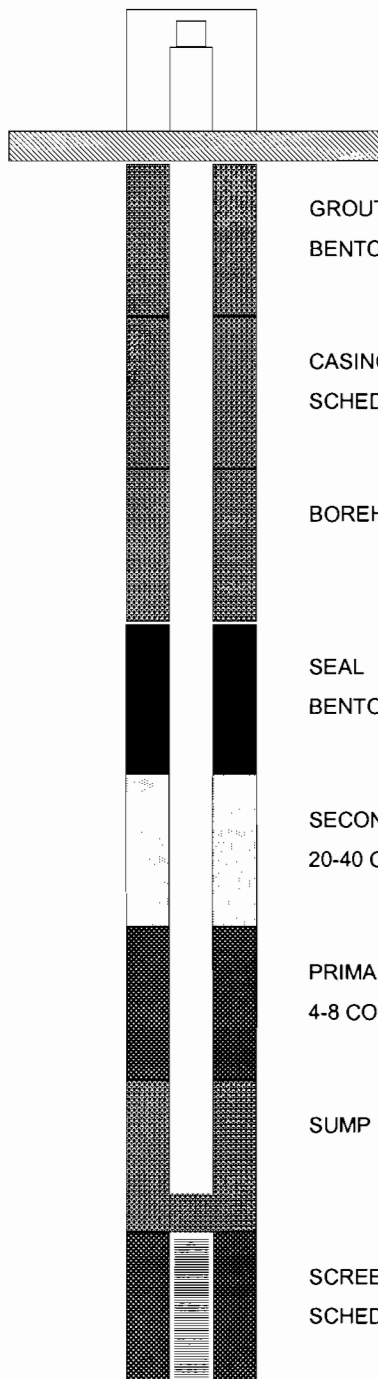
Surveyed Elevations (FAMSL)

Protective Casing: 6453.81
Top of Inner Well Casing: 6452.81
Concrete Pad: 6452.25
Ground Surface: 6452



Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | .81 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 235' | |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 290' | |
| SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 318' | |
| | | O.D. 10" | |
| Interval | Start | Stop | |
| SEAL | 235' | 244' | |
| BENTONITE PELLETS | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 244' | 249' | |
| 20-40 COLORADO SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 249' | 290' | |
| 4-8 COLORADO SAND | | | |
| Interval | Start | Stop | |
| SUMP | 260' | 280' | |
| Interval | Start | Stop | |
| SCREEN | 260' | 280' | |
| SCHEDULE 80 PVC | | | |
| | Slot Size | .02" | |



Calculated Depths and Elevations

Initial Water Elevation: 6144.81
(FAMSL)
Initial Depth To Water: 308
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | CANYONS GROUNDWATER | Geo Location: | LURANCE CANYON BURN SITE |
| ER ADS #: | 1333 | Well Completion Date: | 18-JUN-1999 |
| Well Name: | CYN-MW4 | Completion Zone: | BEDROCK SCHIST/PHYLLITE |
| Well Owner Name: | SNL/NM | Formation of Completion: | COYOTE METASEDIMENTARY |
| Date Drilling Started: | 12-JUN-1999 | Well Comment: | UPGRADIENT WELL FOR WE SITE 65, 94 AND 12. |
| Drilling Contractor: | ASCI-VLADIMIR JIRIK | | |
| Drilling Method: | ARCH/AIR ROTARY | | |
| Borehole Depth: | 318 | | |
| Casing Depth: | 290 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------|--------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | LURANCE CANYON |
| ER ADS #: | 1295 | Well Completion Date: | 15-AUG-2001 |
| Well Name: | CYN-MW5 | Completion Zone: | REGIONAL GROUNDWATER |
| er Name: | SNL/NM | Formation of Completion: | PRE-CAMBRIAN QUARTZITE |
| Date Drilling Started: | 14-AUG-2001 | Well Comment: | 0'-50' DRILLED W/ ARCH, 50'-170' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER (UNCASED) |
| Drilling Contractor: | WDC INC. | | |
| Drilling Method: | ARCH, AIR ROTARY | | |
| Borehole Depth: | 170 | | |
| Casing Depth: | 160 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | | | |
|-----------------------------|--|----------------------|-------------|-----------|
| Survey Date: | 04-OCT-2001 | Casing Stickup: | | |
| Surveyed By: | ALBQ. SURVEYING CO. (ASC) | 3 | | |
| State Plane Coordinates | | Interval | Start | Stop |
| (X) Easting: | 439360.07 | CASING | 0' | 160' |
| (Y) Northing: | 1455719.6 | SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start | Stop |
| Protective Casing: | 5981.83 | BOREHOLE | 0' | 170' |
| Top of Inner Well Casing: | 5981.56 | | O.D. 9.625" | |
| Concrete Pad: | 5978.88 | Interval | Start | Stop |
| Ground Surface: | 5978.56 | GROUT/BACKFILL | 1' | 118' |
| | | BENTONITE GROUT | | |
| | | Interval | Start | Stop |
| | | SEAL | 118' | 124' |
| | | 3/8" BENT. CHIPS | | |
| | | Interval | Start | Stop |
| | | SECONDARY PACK | 124' | 130' |
| | | #2/12 MONTERREY SAND | | |
| | | Interval | Start | Stop |
| | | PRIMARY PACK | 130' | 170' |
| | | #3 MONTERREY SAND | | |
| | | Interval | Start | Stop |
| | | SCREEN | 135' | 155' |
| | | SCHEDULE 80 PVC | | |
| | | Interval | Start | Stop |
| | | SUMP | 155' | 160' |
| | | SCHEDULE 80 PVC | | |
| | | Interval | Start | Stop |
| | | PLUG BACK | 160' | 170' |
| | | #3 MONTERREY SAND | | |



| Calculated Depths and Elevations | | |
|----------------------------------|---------------|------|
| Initial Water Elevation: | 5875.78 | |
| (FAMSL) | | |
| Initial Depth To Water: | 102.78 | |
| (FBGS) | | |
| Last measured water level was | 5875.51 | FASL |
| asured on | 04-JUN-2002 | |
| Date Updated: | Date Printed: | |
| 23-MAY-02 | 12-JAN-2004 | |

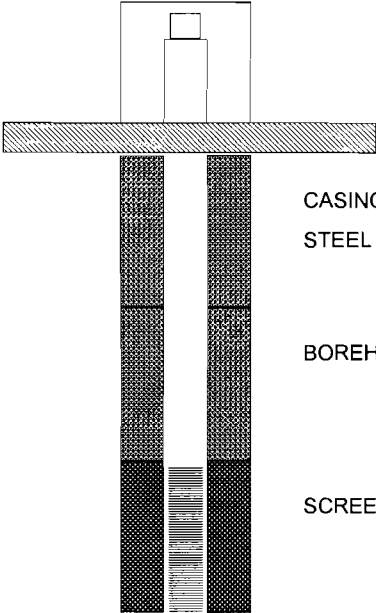
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|--|
| Project Name: | OU 1295 MON. WELLS | Geo Location: | LURANCE CANYON |
| ER ADS #: | 1295 | Well Completion Date: | 15-AUG-2001 |
| Well Name: | CYN-MW5 | Completion Zone: | REGIONAL GROUNDWATER |
| Well Identifier Name: | SNL/NM | Formation of Completion: | PRE-CAMBRIAN QUARTZITE |
| Date Drilling Started: | 14-AUG-2001 | Well Comment: | 0'-50' DRILLED W/ ARCH, 50'-170' DRILLED W/ AIR ROTARY W/ DOWN HOLE HAMMER (UNCASED) |
| Drilling Contractor: | WDC INC. | | |
| Drilling Method: | ARCH, AIR ROTARY | | |
| Borehole Depth: | 170 | | |
| Casing Depth: | 160 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|--|--|--|
| Project Name: EOD HILL ER ADS #: NA Well Name: EOD Owner Name: SNL Date Drilling Started: Drilling Contractor: Drilling Method: Borehole Depth: 217 Casing Depth: 204 | Geo Location: TOP OF HILL W OF EOD RANGE Well Completion Date: Completion Zone: LIMESTONE Formation of Completion: PALEOZOIC Well Comment: OPEN HOLE 204' - LARGE FRACTURES OBSERVED IN ROCK - OPEN CAVERN? - BOREHOLE VIDEO AVAILABLE WATER LEVEL MEASURED ON 12-17-90 WATER LEVEL REFERENCE POINT IS PROTECTIVE CASING | |
|--|--|--|

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> Survey Date: 01-JAN-1992 Surveyed By: State Plane Coordinates (X) Easting: 426599.27 (Y) Northing: 1448039.9 <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> Protective Casing: 5829.61 Top of Inner Well Casing: 5827.03 Concrete Pad: Ground Surface: 5826.03 |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px; text-align: center;">Completion Data Measured Depths (FBGS)</div> Casing Stickup: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>204'</td> </tr> <tr> <td>STEEL</td> <td>I.D. 6"</td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>217'</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>204'</td> <td>217'</td> </tr> </tbody> </table> | Interval | Start | Stop | CASING | 0' | 204' | STEEL | I.D. 6" | | | | | Interval | Start | Stop | BOREHOLE | 0' | 217' | | | | Interval | Start | Stop | SCREEN | 204' | 217' |
|---|--|--|----------|-------|------|--------|----|------|-------|---------|--|--|--|--|-----------------|--------------|-------------|----------|----|------|--|--|--|-----------------|--------------|-------------|--------|------|------|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 204' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | I.D. 6" | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 217' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 204' | 217' | | | | | | | | | | | | | | | | | | | | | | | | | | | |



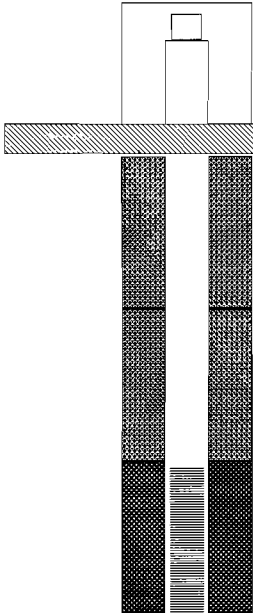
Calculated Depths and Elevations

| | |
|--------------------------------------|--------------------|
| Initial Water Elevation: | 5684 |
| (FAMSL) | |
| Initial Depth To Water: | 145.61 |
| (FBGS) | |
| | |
| Last measured water level was | FASL |
| asured on | 25-SEP-1997 |

| | |
|----------------------|----------------------|
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | |
|---|---|--|
| Project Name: CITY WATER SUPPLY ER ADS #: NA Well Name: Eubank-1 City Name: CITY OF ALBUQUERQUE Date Drilling Started: Drilling Contractor: Drilling Method: Borehole Depth: 630 Casing Depth: 615 | Geo Location: NW CRN INACT EUBANK LANDFILL Well Completion Date: Completion Zone: SILTY SANDY GRAVEL Formation of Completion: SANTA FE Well Comment: GRADUAL WATER LEVEL DECLINE OF SLIGHTLY OVER 1 FOOT IN 1990 | WATER LEVEL ELEVATION DOES NOT MATCH HYDROGRAPH IN WELL FILE |
|---|---|--|

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> Survey Date: Surveyed By: State Plane Coordinates (X) Easting: 415213 (Y) Northing: 1473367 <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> Protective Casing: Top of Inner Well Casing: 5457.43 Concrete Pad: Ground Surface: 5457.43 |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px; text-align: center;">Completion Data Measured Depths (FBGS)</div> Casing Stickup: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>615'</td> </tr> <tr> <td>STAINLESS STEEL</td> <td></td> <td>O.D. 4"</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>630'</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>550'</td> <td>610'</td> </tr> <tr> <td>STAINLESS STEEL</td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | CASING | 0' | 615' | STAINLESS STEEL | | O.D. 4" | | | | Interval | Start | Stop | BOREHOLE | 0' | 630' | | | | Interval | Start | Stop | SCREEN | 550' | 610' | STAINLESS STEEL | | |
|---|--|--|----------|-------|------|--------|----|------|-----------------|--|---------|--|--|--|-----------------|--------------|-------------|----------|----|------|--|--|--|-----------------|--------------|-------------|--------|------|------|-----------------|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 615' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | O.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 630' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 550' | 610' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

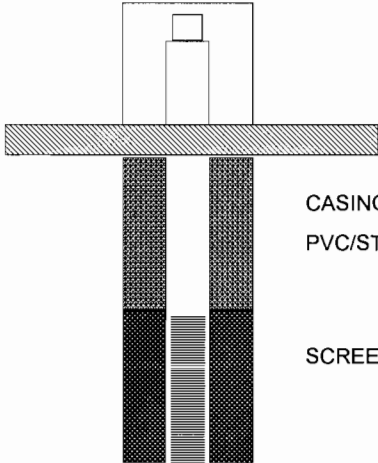


Calculated Depths and Elevations

| | |
|-------------------------------|---------------|
| Initial Water Elevation: | 4902.43 |
| (FAMSL) | |
| Initial Depth To Water: | 555 |
| (FBGS) | |
| | |
| Last measured water level was | FASL |
| asured on | |
| | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | OLD HOMESTEAD WATER | Geo Location: | OLD HOMESTEAD WATER |
| ER ADS #: | 1334 | Well Completion Date: | 01-JAN-1902 |
| Well Name: | Greystone Well | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | QUATERNARY ALLUVIUM |
| Date Drilling Started: | 01-JAN-1900 | Well Comment: | WATER LEVEL VARIES +/-1.2' (FALLS DURING SUMMER) WATER LEVEL MEASURED DEC 1991 - PVC LINER INSTALLED 1990 |
| Drilling Contractor: | UNKNOWN | | |
| Drilling Method: | UNKNOWN | | |
| Borehole Depth: | 54 | | |
| Casing Depth: | 54 | | |

| | | |
|------------------------------------|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | 01-JAN-1992 | |
| Surveyed By: | CLINT SHERRILL | |
| State Plane Coordinates | | |
| (X) Easting: | 432117.05 | |
| (Y) Northing: | 1454185.9 | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | 5820.76 | |
| Top of Inner Well Casing: | 5820.2 | |
| Concrete Pad: | 5818.44 | |
| Ground Surface: | 5818.11 | |

| | | | | |
|------------------------|--------------|-------------|--|-----|
| Casing Stickup: | | 1.76 | | |
| Interval | Start | Stop | | |
| CASING | | 0' | | 54' |
| PVC/STEEL | I.D. | 4" | | |
| Interval | Start | Stop | | |
| SCREEN | | 44' | | 54' |



| | |
|---|------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 5765 |
| (FAMSL) | |
| Initial Depth To Water: | 55.2 |
| (FBGS) | |

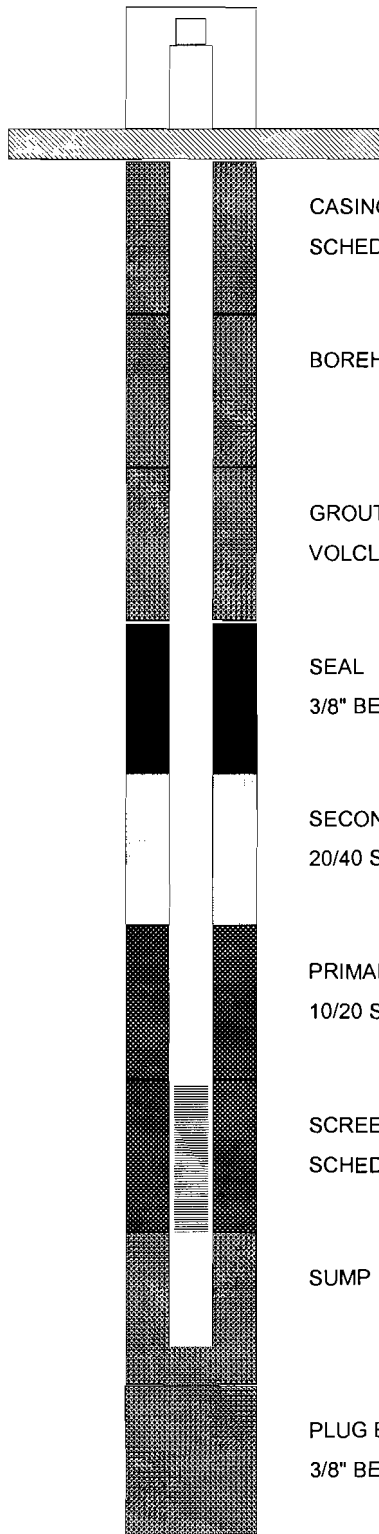
Last measured water level was **FASL**
asured on 25-SEP-1997

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|--|
| Project Name: | SITE WIDE | Geo Location: | MOUTH OF COYOTE CANYON |
| IR ADS #: | N/A | Well Completion Date: | 25-APR-2002 |
| Well Name: | GREYSTONE-MW2 | Completion Zone: | SANDY GRAVEL |
| Well ID Name: | SNL | Formation of Completion: | QUATERNARY ALLUVIUM |
| Date Drilling Started: | 24-APR-2002 | Well Comment: | 0-5' CEMENT. ALSO INSTALLED 1" SOUNDING TUBE TO 80 FBGS. |
| Drilling Contractor: | WDC | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 102 | | |
| Casing Depth: | 85 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------------|--|---------------------|
| Survey Date: 12-AUG-2002 | | |
| Surveyed By: VLADIMIR JIRIK | | |
| State Plane Coordinates | | |
| (X) Easting: 432317.16 | | |
| (Y) Northing: 1454414.35 | | |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| Protective Casing: 5811.92 | CASING | 0' 85' |
| Top of Inner Well Casing: 5811.53 | SCHEDULE 80 PVC | I.D. 4.8" O.D. 5.5" |
| Concrete Pad: 5809.05 | BOREHOLE | 0' 102' |
| Ground Surface: 5808.72 | | O.D. 10" |
| | Interval | Start Stop |
| | GROUT/BACKFILL | 5' 44.5' |
| | VOLCLAY GROUT | |
| | Interval | Start Stop |
| | SEAL | 44.5' 51' |
| | 3/8" BENTONITE CHIPS | |
| | Interval | Start Stop |
| | SECONDARY PACK | 51' 54.5' |
| | 20/40 SILICA SAND | |
| | Interval | Start Stop |
| | PRIMARY PACK | 54.5' 86' |
| | 10/20 SILICA SAND | |
| | Interval | Start Stop |
| | SCREEN | 60' 80' |
| | SCHEDULE 80 PVC | |
| | Interval | Start Stop |
| | SUMP | 80' 85' |
| | Interval | Start Stop |
| | PLUG BACK | 86' 102' |
| | 3/8" BENTONITE CHIPS | |



Calculated Depths and Elevations

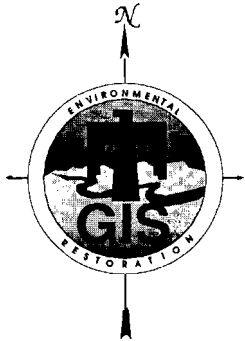
| | |
|----------------------------------|---------|
| Initial Water Elevation: (FAMSL) | 5760.72 |
| Initial Depth To Water: (FBGS) | 48 |

Last measured water level was FASL
asured on

Date Updated: 25-NOV-02
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|--|
| Project Name: | SITE WIDE | Geo Location: | MOUTH OF COYOTE CANYON |
| IR ADS #: | N/A | Well Completion Date: | 25-APR-2002 |
| Well Name: | GREYSTONE-MW2 | Completion Zone: | SANDY GRAVEL |
| Well ID Name: | SNL | Formation of Completion: | QUATERNARY ALLUVIUM |
| Date Drilling Started: | 24-APR-2002 | Well Comment: | 0-5' CEMENT. ALSO INSTALLED 1" SOUNDING TUBE TO 80 FBGS. |
| Drilling Contractor: | WDC | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 102 | | |
| Casing Depth: | 85 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: HELIPORT H2O SUPPLY | Geo Location: MCCORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 01-JUL-1992 |
| Well Name: Heliport #1 | Completion Zone: COARSE SAND |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-OCT-1991 | Well Comment: ALTERNATE NAME=FIREFHOUSE WELL WATER LEVEL MEASURED ON FEB-11-92 |
| Drilling Contractor: TECOLOTE | |
| Drilling Method: ROTARY | |
| Borehole Depth: 615 | |
| Casing Depth: | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 407413.192

(Y) Northing: 1436884.541

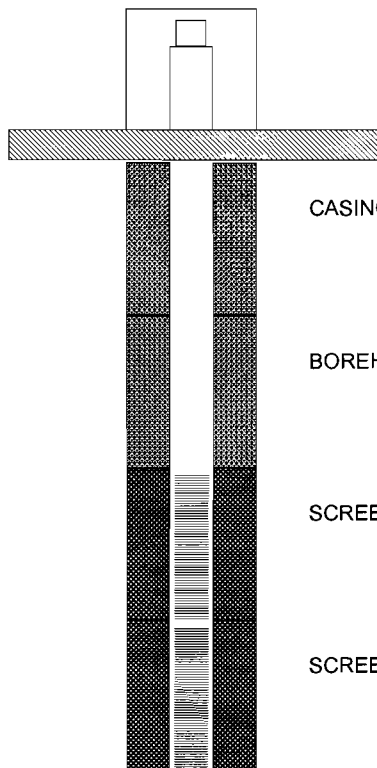
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5299



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------|-------|-------|
| CASING | 0' | 75' |
| | O.D. | 12" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 75' |
| | O.D. | 15.5" |
| Interval | Start | Stop |
| SCREEN | 530' | 540' |
| Interval | Start | Stop |
| SCREEN | 558' | 598' |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

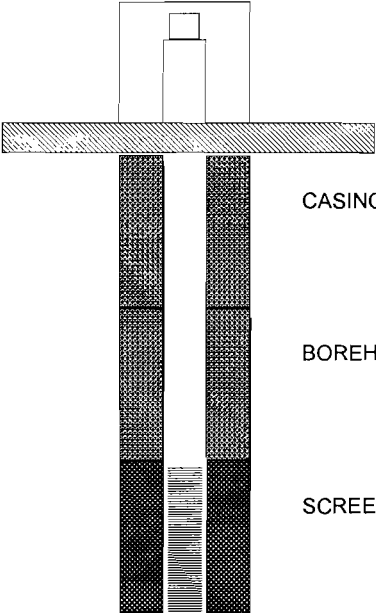
Initial Depth To Water: 372.2
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: HIGH ENERGY TEST FAC | Geo Location: MT. WASHINGTON |
| ER ADS #: | Well Completion Date: 13-JUL-1990 |
| Well Name: HERTF | Completion Zone: GRANITE |
| Well Owner Name: KAFB | Formation of Completion: SANDIA GRANITE |
| Date Drilling Started: 05-JUL-1990 | Well Comment: PRODUCTION WELL |
| Drilling Contractor: RODGERS AND COMPANY | |
| Drilling Method: | |
| Borehole Depth: 500 | |
| Casing Depth: 500 | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|---|-----------------|--------------|-------------|--------|----|------|--|--|--------------------|-----------------|--------------|-------------|----------|----|------|-----------------|--------------|-------------|--------|------|------|
| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | |
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | Casing Stickup: | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td style="text-align: center;">CASING</td> <td style="text-align: center;">0'</td> <td style="text-align: center;">449'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">O.D. 5.563"</td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td style="text-align: center;">BOREHOLE</td> <td style="text-align: center;">0'</td> <td style="text-align: center;">500'</td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td style="text-align: center;">SCREEN</td> <td style="text-align: center;">449'</td> <td style="text-align: center;">500'</td> </tr> </table> | Interval | Start | Stop | CASING | 0' | 449' | | | O.D. 5.563" | Interval | Start | Stop | BOREHOLE | 0' | 500' | Interval | Start | Stop | SCREEN | 449' | 500' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 449' | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 5.563" | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 500' | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 449' | 500' | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 442065 | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1446165 | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 6227 | | | | | | | | | | | | | | | | | | | | | | | |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 5835 |
| (FAMSL) | |
| Initial Depth To Water: | 405 |
| (FBGS) | |
| Last measured water level was | FASL |
| measured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: ITRI | Geo Location: ISLETA RESERVATION S. OF ITRI |
| ER ADS #: NA | Well Completion Date: 18-JUL-1994 |
| Well Name: IP-1 | Completion Zone: CEMENTED AND UNCON. GRAVEL |
| Well Owner Name: NMED/ISLETA PUEBLO | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 30-JUN-1994 | Well Comment: ABO FORMATION NOT PENETRATED AT TOTAL DEPTH |
| Drilling Contractor: LAYNE ENVIRONMENTAL | |
| Drilling Method: PERCUSSION HAMMER | |
| Borehole Depth: 99.6 | |
| Casing Depth: 98 | |

Survey Data

Survey Date: 20-OCT-1994

Surveyed By: WESTERN LAND SURVEYING

State Plane Coordinates

(X) Easting: 423562.632

(Y) Northing: 1436118.896


Surveyed Elevations (FAMSL)

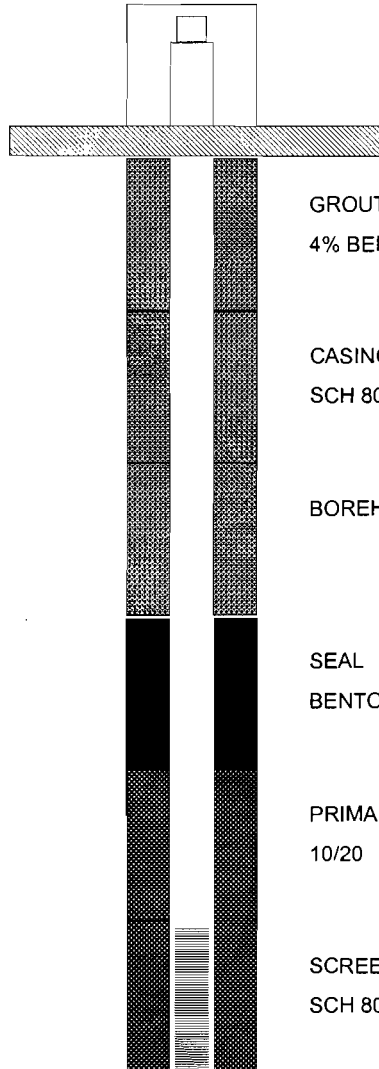
Protective Casing:

Top of Inner Well Casing: 5619.51

Concrete Pad:

Ground Surface: 5617.988





Completion Data Measured Depths (FBGS)

Casing Stickup: 2

| Interval | Start | Stop |
|---------------------|------------------|-------------|
| GROUT/BACKFILL | 0' | 68' |
| 4% BENTONITE/CEMENT | | |
| Interval | Start | Stop |
| CASING | 0' | 98' |
| SCH 80 PVC | | O.D. 2" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 99.6' |
| Interval | Start | Stop |
| SEAL | 68' | 73' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| PRIMARY PACK | 73' | 99.6' |
| 10/20 | | |
| Interval | Start | Stop |
| SCREEN | 78' | 98' |
| SCH 80 PVC | | |
| | Slot Size | .01" |

Calculated Depths and Elevations

Initial Water Elevation: 5525.46
(FAMSL)

Initial Depth To Water: 94.05
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

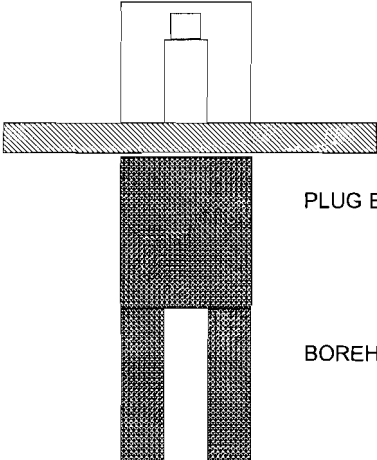
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | ISLETA RESERVATION S. OF ITRI |
| IR ADS #: | NA | Well Completion Date: | 18-JUL-1994 |
| Well Name: | IP-1 | Completion Zone: | CEMENTED AND UNCON. GRAVEL |
| Well Owner Name: | NMED/ISLETA PUEBLO | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 30-JUN-1994 | Well Comment: | ABO FORMATION NOT PENETRATED AT TOTAL DEPTH |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | |
| Drilling Method: | PERCUSSION HAMMER | | |
| Borehole Depth: | 99.6 | | |
| Casing Depth: | 98 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--|
| Project Name: | ITRI | Geo Location: | ISLETA BOUNDARY |
| IR ADS #: | N/A | Well Completion Date: | 12-JUL-1994 |
| Well Name: | IP-2 | Completion Zone: | |
| Owner Name: | NMED/ISLETA PUEBLO | Formation of Completion: | |
| Date Drilling Started: | 01-JUL-1994 | Well Comment: | ALTERNATE NAME: NMED IP-2 |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | |
| Drilling Method: | PERCUSSION HAMMER | | |
| Borehole Depth: | 120 | | PLUGGED AND ABANDONED TOP OF ABO FORMATION AT 53 FT. |
| Casing Depth: | | | |

| Survey Data Survey Date: 20-OCT-1994 Surveyed By: WESTERN LAND SURVEYING State Plane Coordinates (X) Easting: 422583.49 (Y) Northing: 1436122.84 Surveyed Elevations (FAMSL) |  | Completion Data Measured Depths (FBGS) Casing Stickup: <table border="1"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>PLUG BACK</td> <td>0'</td> <td>120'</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>120'</td> </tr> <tr> <td></td> <td>O.D.</td> <td>8"</td> </tr> </tbody> </table> | Interval | Start | Stop | PLUG BACK | 0' | 120' | Interval | Start | Stop | BOREHOLE | 0' | 120' | | O.D. | 8" |
|---|---|--|----------|-------|------|-----------|----|------|----------|-------|------|----------|----|------|--|------|----|
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| PLUG BACK | 0' | 120' | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 120' | | | | | | | | | | | | | | | |
| | O.D. | 8" | | | | | | | | | | | | | | | |

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5592.44



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| ER ADS #: NA | Well Completion Date: 22-APR-1988 |
| Well Name: ITRI MW-1 | Completion Zone: SILTY GRAVEL |
| Driller Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 18-APR-1988 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 125 | |
| Casing Depth: 124.5 | |

Survey Data

Survey Date: 01-APR-1988

Surveyed By:

State Plane Coordinates

(X) Easting: 423942.08

(Y) Northing: 1436734.78


Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5630.04

Concrete Pad:

Ground Surface: 5628.33



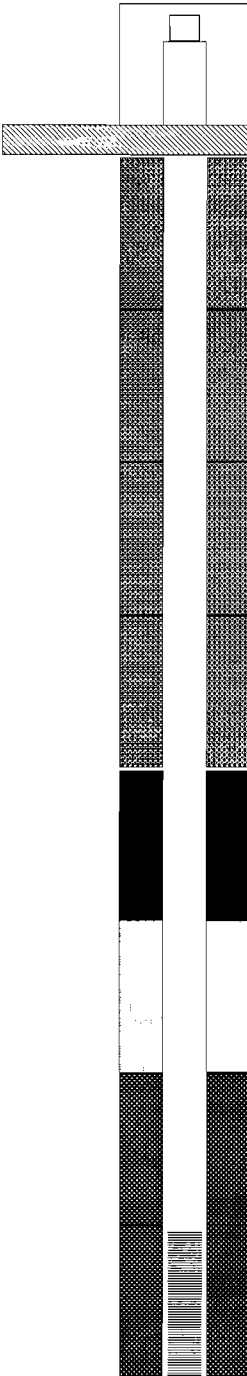
Calculated Depths and Elevations

Initial Water Elevation: 5535.64
(FAMSL)

Initial Depth To Water: 94.4
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop | |
|-------------------------------------|--------|--------|----------------------|
| BOREHOLE | 0' | 60' | O.D. 10.75" |
| GROUT/BACKFILL CEMENT/BENTONITE | 0' | 92' | |
| CASING STAINLESS STEEL | 0' | 104.5' | I.D. 4.25" O.D. 4.5" |
| BOREHOLE | 60' | 125' | O.D. 6.625" |
| SEAL BENTONITE SLURRY | 92' | 96' | |
| SECONDARY PACK 16/40 SILICA SAND | 96' | 97' | |
| PRIMARY PACK 8/12 SILICA SAND | 97' | 125' | |
| SCREEN STAINLESS STEEL | 104.5' | 124.5' | |
| | | | Slot Size .02" |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 22-APR-1988 |
| Well Name: | ITRI MW-1 | Completion Zone: | SILTY GRAVEL |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 18-APR-1988 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 125 | | |
| Casing Depth: | 124.5 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| ER ADS #: NA | Well Completion Date: 27-APR-1988 |
| Well Name: ITRI MW-2 | Completion Zone: REDDISH BROWN SILT |
| Driller Name: DOE | Formation of Completion: ABO |
| Date Drilling Started: 01-APR-1988 | Well Comment: ABO TOP INDETERMINATE |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AUGER/ROTARY | |
| Borehole Depth: 188 | |
| Casing Depth: 187 | |

Survey Data

Survey Date: 01-APR-1988

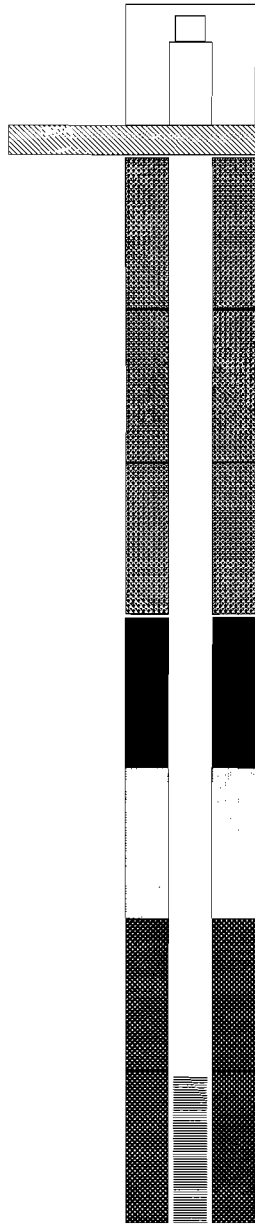
Surveyed By: SNL

State Plane Coordinates

(X) Easting: 426571.83

(Y) Northing: 1436310.16

Surveyed Elevations (FAMSL)



Completion Data Measured Depths (FBGS)

Casing Stickup:

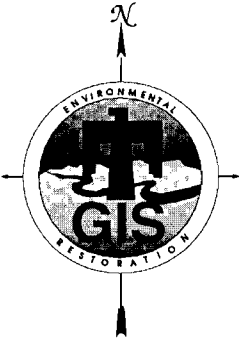
| Interval | Start | Stop |
|------------------|------------------|-----------|
| GROUT/BACKFILL | 0' | 156' |
| CEMENT/BENTONITE | | |
| CASING | 0' | 187' |
| STAINLESS STEEL | I.D. 4" | O.D. 4.5" |
| BOREHOLE | 0' | 188' |
| | | O.D. 8" |
| SEAL | 156' | 160' |
| BENTONITE SLURRY | | |
| SECONDARY PACK | 158' | 160' |
| 16/40 | | |
| PRIMARY PACK | 160' | 188' |
| 8/12 | | |
| SCREEN | 167' | 187' |
| STAINLESS STEEL | | |
| | Slot Size | .02" |

Protective Casing:

Top of Inner Well Casing: 5693.68

Concrete Pad:

Ground Surface: 5691.88



Calculated Depths and Elevations

| | |
|---------------------------------|---------|
| Initial Water Elevation: | 5549.38 |
| (FAMSL) | |
| Initial Depth To Water: | 144.3 |
| (FBGS) | |

| | |
|---|--|
| <p>Last measured water level was</p> <p>asured on</p> | <p>FASL</p> |
| <p>Date Updated:</p> <p>14-MAR-00</p> | <p>Date Printed:</p> <p>12-JAN-2004</p> |


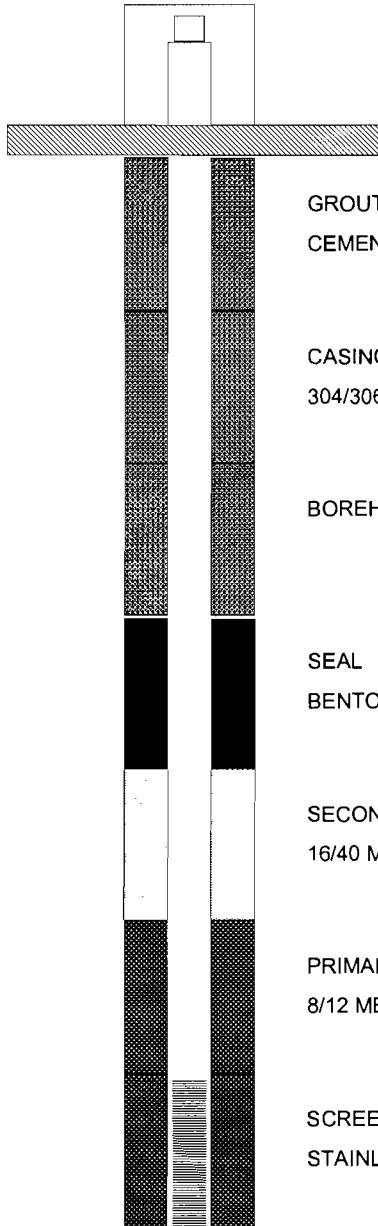
WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|------------------|--------------------------|-----------------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| IR ADS #: | NA | Well Completion Date: | 27-APR-1988 |
| Well Name: | ITRI MW-2 | Completion Zone: | REDDISH BROWN SILT |
| Operator Name: | DOE | Formation of Completion: | ABO |
| Drilling Started: | 01-APR-1988 | Well Comment: | ABO TOP INDETERMINATE |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AUGER/ROTARY | | |
| Borehole Depth: | 188 | | |
| Casing Depth: | 187 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| ER ADS #: NA | Well Completion Date: 01-MAY-1988 |
| Well Name: ITRI MW-3 | Completion Zone: SILTY GRAVEL |
| Operator Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-MAY-1988 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 129 | |
| Casing Depth: 129 | |

| Survey Data | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|-------|------|----------------|----|------|------------------|--|--|--------|----|------|-------------------|---------|-----------|----------|----|------|--|--|---------|------|------|------|------------------|--|--|----------------|------|------|-------------------|--|--|--------------|------|------|------------------|--|--|--------|------|------|-----------------|--|--|--|------------------|------|
| Survey Date: 01-MAY-1988 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 423946.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1437500.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5633.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5631.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | <p>Casing Stickup:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>110'</td> </tr> <tr> <td>CEMENT/BENTONITE</td> <td></td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>119'</td> </tr> <tr> <td>304/306 STAINLESS</td> <td>I.D. 4"</td> <td>O.D. 4.5"</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>129'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 8"</td> </tr> <tr> <td>SEAL</td> <td>110'</td> <td>112'</td> </tr> <tr> <td>BENTONITE SLURRY</td> <td></td> <td></td> </tr> <tr> <td>SECONDARY PACK</td> <td>112'</td> <td>114'</td> </tr> <tr> <td>16/40 MESH SILICA</td> <td></td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>114'</td> <td>129'</td> </tr> <tr> <td>8/12 MESH SILICA</td> <td></td> <td></td> </tr> <tr> <td>SCREEN</td> <td>119'</td> <td>129'</td> </tr> <tr> <td>STAINLESS STEEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Slot Size</td> <td>.02"</td> </tr> </tbody> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 110' | CEMENT/BENTONITE | | | CASING | 0' | 119' | 304/306 STAINLESS | I.D. 4" | O.D. 4.5" | BOREHOLE | 0' | 129' | | | O.D. 8" | SEAL | 110' | 112' | BENTONITE SLURRY | | | SECONDARY PACK | 112' | 114' | 16/40 MESH SILICA | | | PRIMARY PACK | 114' | 129' | 8/12 MESH SILICA | | | SCREEN | 119' | 129' | STAINLESS STEEL | | | | Slot Size | .02" |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 110' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEMENT/BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 119' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 304/306 STAINLESS | I.D. 4" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 129' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 110' | 112' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE SLURRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 112' | 114' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/40 MESH SILICA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 114' | 129' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/12 MESH SILICA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 119' | 129' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: 5535.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 97.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

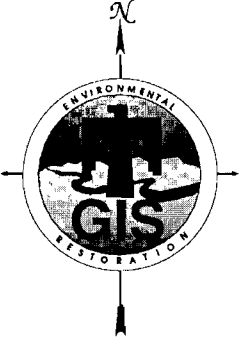
| | | | |
|-------------------------------|------------------|---------------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 01-MAY-1988 |
| Well Name: | ITRI MW-3 | Completion Zone: | SILTY GRAVEL |
| r Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-MAY-1988 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 129 | | |
| Casing Depth: | 129 | | |

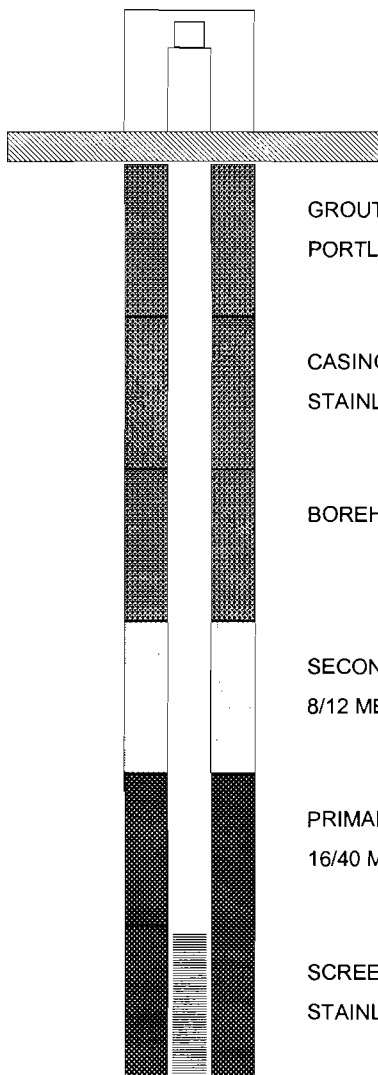


WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| ER ADS #: NA | Well Completion Date: 01-MAY-1988 |
| Well Name: ITRI MW-4 | Completion Zone: SANDY GRAVEL |
| Driller Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-MAY-1988 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 112 | |
| Casing Depth: 110 | |

| | | |
|---|--|---|
| Survey Data | | Completion Data Measured Depths (FBGS) |
| Survey Date: 01-MAY-1988 | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: 423596.67 | | |
| (Y) Northing: 1437116.87 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: 5621.8 | | |
| Concrete Pad: | | |
| Ground Surface: 5620.01 | | |





Casing Stickup:

| Interval | Start | Stop | |
|-----------------|------------------|-------------|--|
| GROUT/BACKFILL | 0' | 92' | |
| PORTLAND CEMENT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 100' | |
| STAINLESS STEEL | I.D. 4" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 112' | |
| | | O.D. 8" | |
| Interval | Start | Stop | |
| SECONDARY PACK | 92' | 94' | |
| 8/12 MESH | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 94' | 112' | |
| 16/40 MESH | | | |
| Interval | Start | Stop | |
| SCREEN | 100' | 110' | |
| STAINLESS STEEL | | | |
| | Slot Size | .02" | |

| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 5535.7 |
| (FAMSL) | |
| Initial Depth To Water: | 86.1 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

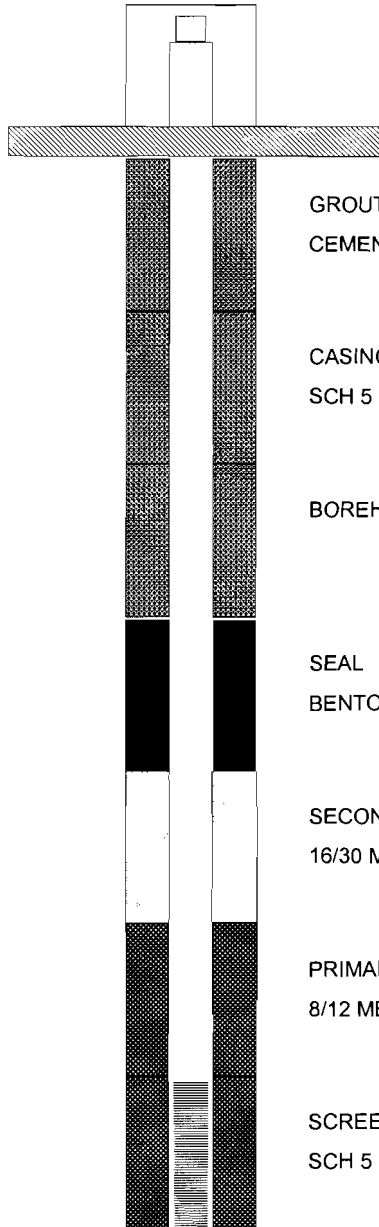
| | | | |
|------------------------|------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| IR ADS #: | NA | Well Completion Date: | 01-MAY-1988 |
| Well Name: | ITRI MW-4 | Completion Zone: | SANDY GRAVEL |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-MAY-1988 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 112 | | |
| Casing Depth: | 110 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| IR ADS #: | NA | Well Completion Date: | 08-JAN-1989 |
| Well Name: | ITRI MW-5 | Completion Zone: | SILT/RED CLAY |
| Owner Name: | DOE | Formation of Completion: | SANTA FE/ABO |
| Date Drilling Started: | 01-JAN-1989 | Well Comment: | ABO TOP AT 142 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 142 | | |
| Casing Depth: | 141 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------------|---|--------------------|
| Survey Date: 01-JAN-1989 | Casing Stickup: | |
| Surveyed By: | Interval | Start Stop |
| State Plane Coordinates | GROUT/BACKFILL | 0' 120' |
| (X) Easting: 424602.23 | CEMENT/BENTONITE | |
| (Y) Northing: 1437228.86 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | CASING | 0' 141' |
| | SCH 5 STAINLESS | I.D. 4" O.D. 4.25" |
| Protective Casing: | Interval | Start Stop |
| Top of Inner Well Casing: 5651.82 | BOREHOLE | 0' 142' |
| Concrete Pad: | | O.D. 8" |
| Ground Surface: 5648.92 | Interval | Start Stop |
| | SEAL | 120' 124.5' |
| | BENTONITE SLURRY | |
| | Interval | Start Stop |
| | SECONDARY PACK | 124.5' 127.5' |
| | 16/30 MESH SILICA | |
| | Interval | Start Stop |
| | PRIMARY PACK | 127.5' 141' |
| | 8/12 MESH SILICA | |
| | Interval | Start Stop |
| | SCREEN | 131' 141' |
| | SCH 5 STAINLESS | |
| | | Slot Size .02" |



| Calculated Depths and Elevations | |
|-------------------------------------|---------|
| Initial Water Elevation: (FAMSL) | 5534.99 |
| Initial Depth To Water: (FBGS) | 116.83 |

Last measured water level was **FASL**
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 08-JAN-1989 |
| Well Name: | ITRI MW-5 | Completion Zone: | SILT/RED CLAY |
| Operator Name: | DOE | Formation of Completion: | SANTA FE/ABO |
| Date Drilling Started: | 01-JAN-1989 | Well Comment: | ABO TOP AT 142 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 142 | | |
| Casing Depth: | 141 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------|---------------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 01-JAN-1989 |
| Well Name: | ITRI MW-6 | Completion Zone: | COARSE SAND |
| Owner Name: | DOE | Formation of Completion: | |
| Date Drilling Started: | 01-JAN-1989 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 127.5 | | |

Survey Data

Survey Date: 01-JAN-1989

Surveyed By:

State Plane Coordinates

(X) Easting: 423557.81

(Y) Northing: 1436164.77

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5622.27

Concrete Pad:

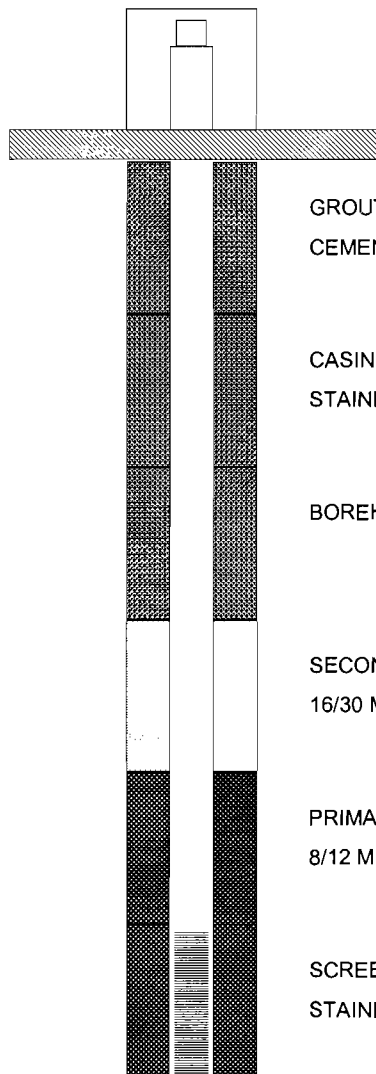
Ground Surface: 5619.77



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|-------------------|------------------|------------|
| GROUT/BACKFILL | 0' | 108' |
| CEMENT/BENTONITE | | |
| Interval | Start | Stop |
| CASING | 0' | 127.5' |
| STAINLESS STEEL | I.D. 4" | O.D. 4.25" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 130' |
| | | O.D. 8" |
| Interval | Start | Stop |
| SECONDARY PACK | 112' | 113' |
| 16/30 MESH SILICA | | |
| Interval | Start | Stop |
| PRIMARY PACK | 113' | 127.5' |
| 8/12 MESH SILICA | | |
| Interval | Start | Stop |
| SCREEN | 117.5' | 127.5' |
| STAINLESS STEEL | | |
| | Slot Size | .02" |



Calculated Depths and Elevations

Initial Water Elevation: 5535.57
(FAMSL)

Initial Depth To Water: 86.7
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

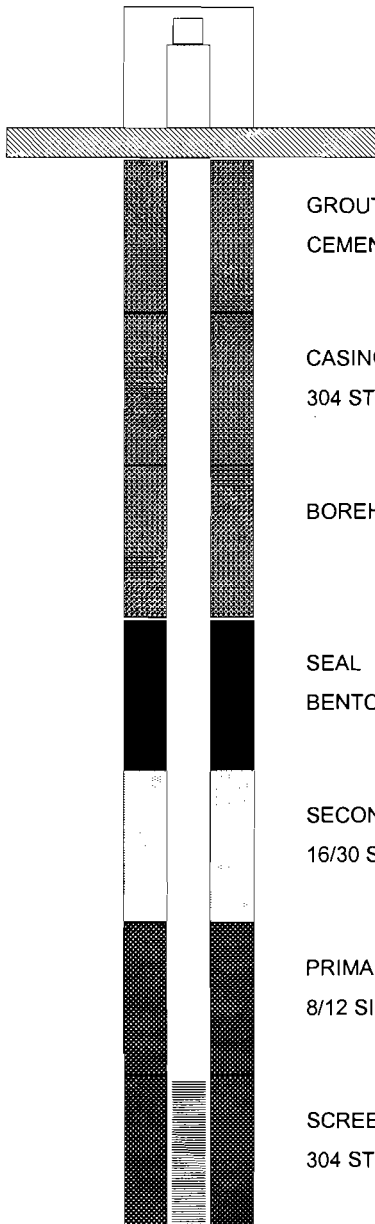
| | | | |
|------------------------|------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 01-JAN-1989 |
| Well Name: | ITRI MW-6 | Completion Zone: | COARSE SAND |
| Owner Name: | DOE | Formation of Completion: | |
| Date Drilling Started: | 01-JAN-1989 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 127.5 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|-----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 19-JAN-1989 |
| Well Name: | ITRI MW-7 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | DOE | Formation of Completion: | SANTA FE/ABO |
| Date Drilling Started: | 09-JAN-1989 | Well Comment: | ABO TOP AT 158' |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIRLIFT AND SURGE/WATER JET | | |
| Borehole Depth: | 160 | | |
| Casing Depth: | 157 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------------|--|--------------------|
| Survey Date: 01-JAN-1989 | | |
| Surveyed By: | Casing Stickup: | |
| State Plane Coordinates | Interval | Start Stop |
| (X) Easting: 424403.42 | GROUT/BACKFILL | 0' 119' |
| (Y) Northing: 1437686.86 | CEMENT/BENTONITE | |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| | CASING | 0' 157' |
| | 304 STAINLESS STEEL | I.D. 4" O.D. 4.25" |
| Protective Casing: | Interval | Start Stop |
| Top of Inner Well Casing: 5645.21 | BOREHOLE | 0' 160' |
| Concrete Pad: | | O.D. 8" |
| Ground Surface: 5642.75 | Interval | Start Stop |
| | SEAL | 119' 123' |
| | BENTONITE SLURRY | |
| | Interval | Start Stop |
| | SECONDARY PACK | 123' 125' |
| | 16/30 SILICA SAND | |
| | Interval | Start Stop |
| | PRIMARY PACK | 125' 157' |
| | 8/12 SILICA SAND | |
| | Interval | Start Stop |
| | SCREEN | 137' 157' |
| | 304 STAINLESS STEEL | |
| | | Slot Size .02" |

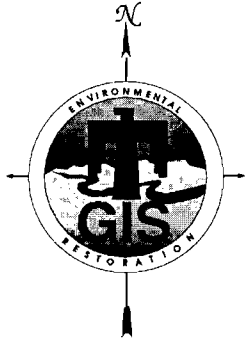


| Calculated Depths and Elevations | |
|--|------|
| Initial Water Elevation: 5535.84 (FAMSL) | |
| Initial Depth To Water: 109.37 (FBGS) | |
| Last measured water level was | FASL |
| asured on | |

Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|-----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 19-JAN-1989 |
| Well Name: | ITRI MW-7 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | DOE | Formation of Completion: | SANTA FE/ABO |
| Date Drilling Started: | 09-JAN-1989 | Well Comment: | ABO TOP AT 158' |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIRLIFT AND SURGE/WATER JET | | |
| Borehole Depth: | 160 | | |
| Casing Depth: | 157 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 05-NOV-1991 |
| Well Name: | ITRI MW-8 | Completion Zone: | GRAVELLY SAND |
| Driller Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 04-NOV-1991 | Well Comment: | |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 120 | | |
| Casing Depth: | 98 | | |

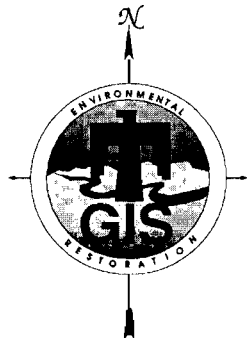
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|--|------------|
| Survey Date: | 01-NOV-1991 | Casing Stickup: | 1.7 |
| Surveyed By: | | Interval | Start Stop |
| State Plane Coordinates | | GROUT/BACKFILL | 0' 66' |
| (X) Easting: | 423170.89 | QUICKCRETE | |
| (Y) Northing: | 1437200.3 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | CASING | 0' 98' |
| Protective Casing: | | STAINLESS STEEL | O.D. 4" |
| Top of Inner Well Casing: | 5613.9 | Interval | Start Stop |
| Concrete Pad: | | BOREHOLE | 0' 120' |
| Ground Surface: | 5611.61 | | O.D. 8" |
| | | Interval | Start Stop |
| | | SEAL | 66' 69' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 69' 70' |
| | | 20/40 FINE SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 70' 98' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 73' 93' |
| | | STAINLESS STEEL | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 93' 98' |
| | | Interval | Start Stop |
| | | PLUG BACK | 98' 120' |
| | | CUTTINGS | |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | 5535.55 |
| (FAMSL) | |
| Initial Depth To Water: | 78.35 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET


| | | | |
|------------------------|---------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 05-NOV-1991 |
| Well Name: | ITRI MW-8 | Completion Zone: | GRAVELLY SAND |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 04-NOV-1991 | Well Comment: | |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 120 | | |
| Casing Depth: | 98 | | |

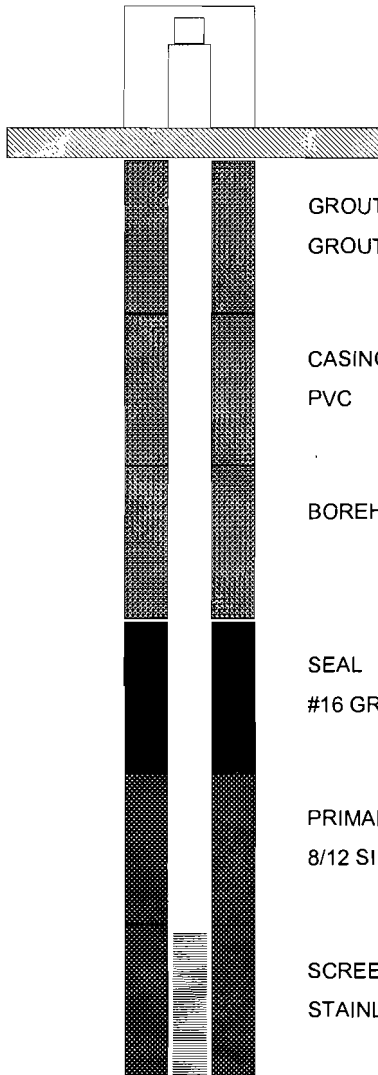


WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|--------------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| IR ADS #: | NA | Well Completion Date: | 09-DEC-1992 |
| Well Name: | ITRI MW-9 | Completion Zone: | SANDY SILT |
| Driller Name: | DOE | Formation of Completion: | ABO |
| Date Drilling Started: | 03-DEC-1992 | Well Comment: | *SUSPECT ELEVATION |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 180 | | |
| Casing Depth: | 174 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------|--|--|----------|-------|------|----------------|----|------|-------|--|--|--------|----|------|-----|--|---------|----------|----|------|--|--|------------|------|------|------|--------------------|--|--|--------------|------|------|------------------|--|--|--------|------|------|-----------------|--|--|--|-----------|------|
| Survey Date: | 30-APR-1993 | <div>Casing Stickup:</div> <table><tr><th>Interval</th><th>Start</th><th>Stop</th></tr><tr><td>GROUT/BACKFILL</td><td>0'</td><td>140'</td></tr><tr><td>GROUT</td><td></td><td></td></tr><tr><td>CASING</td><td>0'</td><td>174'</td></tr><tr><td>PVC</td><td></td><td>O.D. 4"</td></tr><tr><td>BOREHOLE</td><td>0'</td><td>180'</td></tr><tr><td></td><td></td><td>O.D. 8.25"</td></tr><tr><td>SEAL</td><td>140'</td><td>146'</td></tr><tr><td>#16 GRAN BENTONITE</td><td></td><td></td></tr><tr><td>PRIMARY PACK</td><td>146'</td><td>178'</td></tr><tr><td>8/12 SILICA SAND</td><td></td><td></td></tr><tr><td>SCREEN</td><td>154'</td><td>174'</td></tr><tr><td>STAINLESS STEEL</td><td></td><td></td></tr><tr><td></td><td>Slot Size</td><td>.02"</td></tr></table> | | Interval | Start | Stop | GROUT/BACKFILL | 0' | 140' | GROUT | | | CASING | 0' | 174' | PVC | | O.D. 4" | BOREHOLE | 0' | 180' | | | O.D. 8.25" | SEAL | 140' | 146' | #16 GRAN BENTONITE | | | PRIMARY PACK | 146' | 178' | 8/12 SILICA SAND | | | SCREEN | 154' | 174' | STAINLESS STEEL | | | | Slot Size | .02" |
| Interval | Start | | | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | | | 140' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 174' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PVC | | O.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 180' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 8.25" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 140' | 146' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #16 GRAN BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 146' | 178' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/12 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 154' | 174' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | SNL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: | 426862.547 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: | 1436536.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | 5711.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: | 5709 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





| Calculated Depths and Elevations | |
|-------------------------------------|---------|
| Initial Water Elevation: (FAMSL) | 5558.09 |
| Initial Depth To Water: (FBGS) | 153.18 |

Last measured water level was **FASL**
 asured on

Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

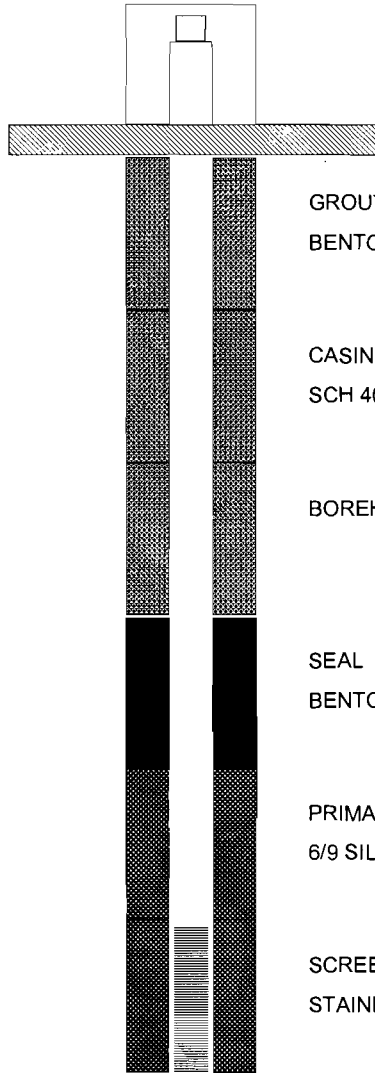
| | | | |
|------------------------|--------------------------|--------------------------|--------------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 09-DEC-1992 |
| Well Name: | ITRI MW-9 | Completion Zone: | SANDY SILT |
| Driller Name: | DOE | Formation of Completion: | ABO |
| Date Drilling Started: | 03-DEC-1992 | Well Comment: | *SUSPECT ELEVATION |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 180 | | |
| Casing Depth: | 174 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|--------------------------|--------------------------|--------------------------------|
| Project Name: | ITRI | Geo Location: | 150' NW OF MW-4, W OF LAGOON 6 |
| PRODUCER ADS #: | NA | Well Completion Date: | 23-DEC-1992 |
| Well Name: | ITRI MW-10 | Completion Zone: | SANDY GRAVEL |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Drilling Started: | 19-DEC-1992 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 155 | | |
| Casing Depth: | 145 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------------|---|------------|
| Survey Date: | Casing Stickup: | |
| Surveyed By: | | |
| State Plane Coordinates | Interval | Start Stop |
| (X) Easting: 423559.049 | GROUT/BACKFILL | 0' 95' |
| (Y) Northing: 1437212.917 | BENTONITE | |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| | CASING | 0' 145' |
| | SCH 40 PVC | O.D. 6" |
| Protective Casing: | Interval | Start Stop |
| Top of Inner Well Casing: 5620.53 | BOREHOLE | 0' 155' |
| Concrete Pad: | | O.D. 8.25" |
| Ground Surface: 5619.05 | Interval | Start Stop |
| | SEAL | 95' 100' |
| | BENTONITE | |
| | Interval | Start Stop |
| | PRIMARY PACK | 100' 155' |
| | 6/9 SILICA PACK | |
| | Interval | Start Stop |
| | SCREEN | 105' 145' |
| | STAINLESS STEEL | |
| | Slot Size | .05" |



| Calculated Depths and Elevations | |
|----------------------------------|---------|
| Initial Water Elevation: | 5534.08 |
| (FAMSL) | |
| Initial Depth To Water: | 86.45 |
| (FBGS) | |

Last measured water level was **FASL**
 asured on

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--------------------------------|
| Project Name: | ITRI | Geo Location: | 150' NW OF MW-4, W OF LAGOON 6 |
| ER ADS #: | NA | Well Completion Date: | 23-DEC-1992 |
| Well Name: | ITRI MW-10 | Completion Zone: | SANDY GRAVEL |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 19-DEC-1992 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 155 | | |
| Casing Depth: | 145 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---------------------------------|
| Project Name: | ITRI | Geo Location: | 200' SW OF LAGOON 6 |
| IR ADS #: | NA | Well Completion Date: | 15-DEC-1992 |
| Well Name: | ITRI MW-11 | Completion Zone: | SANDY GRAVEL |
| Owner Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 10-DEC-1992 | Well Comment: | WATER LEVEL MEASURED ON 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 120 | | |
| Casing Depth: | 115 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 423464.955

(Y) Northing: 1436694.673

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5616.37

Concrete Pad:

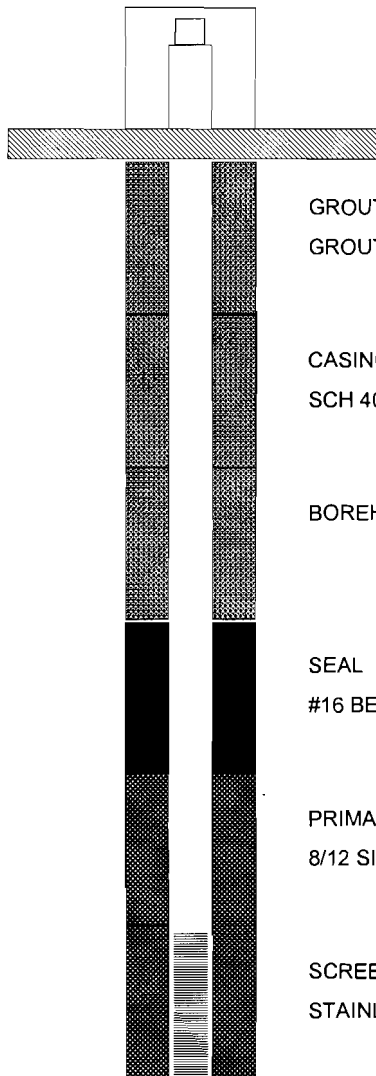
Ground Surface: 5614.98



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|------------------|-----------|------------|
| GROUT/BACKFILL | 0' | 85' |
| GROUT | | |
| Interval | Start | Stop |
| CASING | 0' | 115' |
| SCH 40 PVC | | O.D. 4" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 120' |
| | | O.D. 8.25" |
| Interval | Start | Stop |
| SEAL | 85' | 90' |
| #16 BENTONITE | | |
| Interval | Start | Stop |
| PRIMARY PACK | 90' | 120' |
| 8/12 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 95' | 115' |
| STAINLESS STEEL | | |
| | Slot Size | .02" |



Calculated Depths and Elevations

Initial Water Elevation: 5534.28
(FAMSL)

Initial Depth To Water: 82.09
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

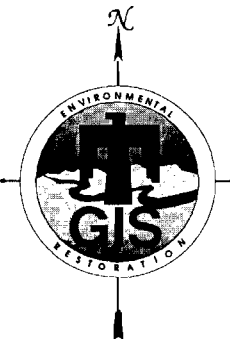
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---------------------------------|
| Project Name: | ITRI | Geo Location: | 200' SW OF LAGOON 6 |
| IR ADS #: | NA | Well Completion Date: | 15-DEC-1992 |
| Well Name: | ITRI MW-11 | Completion Zone: | SANDY GRAVEL |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 10-DEC-1992 | Well Comment: | WATER LEVEL MEASURED ON 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 120 | | |
| Casing Depth: | 115 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---------------------------------|
| Project Name: | ITRI | Geo Location: | NE CORNER BLDG 9217 |
| IR ADS #: | NA | Well Completion Date: | 23-DEC-1992 |
| Well Name: | ITRI MW-12 | Completion Zone: | SANDSTONE |
| Driller Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-DEC-1992 | Well Comment: | WATER LEVEL MEASURED ON 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 129.5 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|---|---|------------|
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | 425249.478 | |
| (Y) Northing: | 1437407.114 | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Depth of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | 5661.8 | |
|  | Interval | Start Stop |
| | GROUT/BACKFILL | 0' 90' |
| | GROUT | |
| | Interval | Start Stop |
| | CASING | 0' 129.5' |
| | SCH 40 PVC | O.D. 4" |
| | Interval | Start Stop |
| | BOREHOLE | 0' 130' |
| | | O.D. 8.25" |
| | Interval | Start Stop |
| | SEAL | 90' 95' |
| | 16 GRAN BENTONITE | |
| | Interval | Start Stop |
| | PRIMARY PACK | 95' 130' |
| | 8/12 SILICA SAND | |
| | Interval | Start Stop |
| | SCREEN | 100' 130' |
| | STAINLESS STEEL | |
| | Slot Size | .02" |

| Calculated Depths and Elevations | |
|----------------------------------|---------|
| Initial Water Elevation: | 5549.36 |
| (FAMSL) | |
| Initial Depth To Water: | 112.45 |
| (FBGS) | |

Last measured water level was **FASL**
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

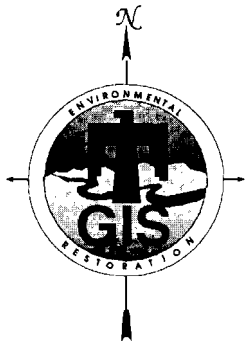
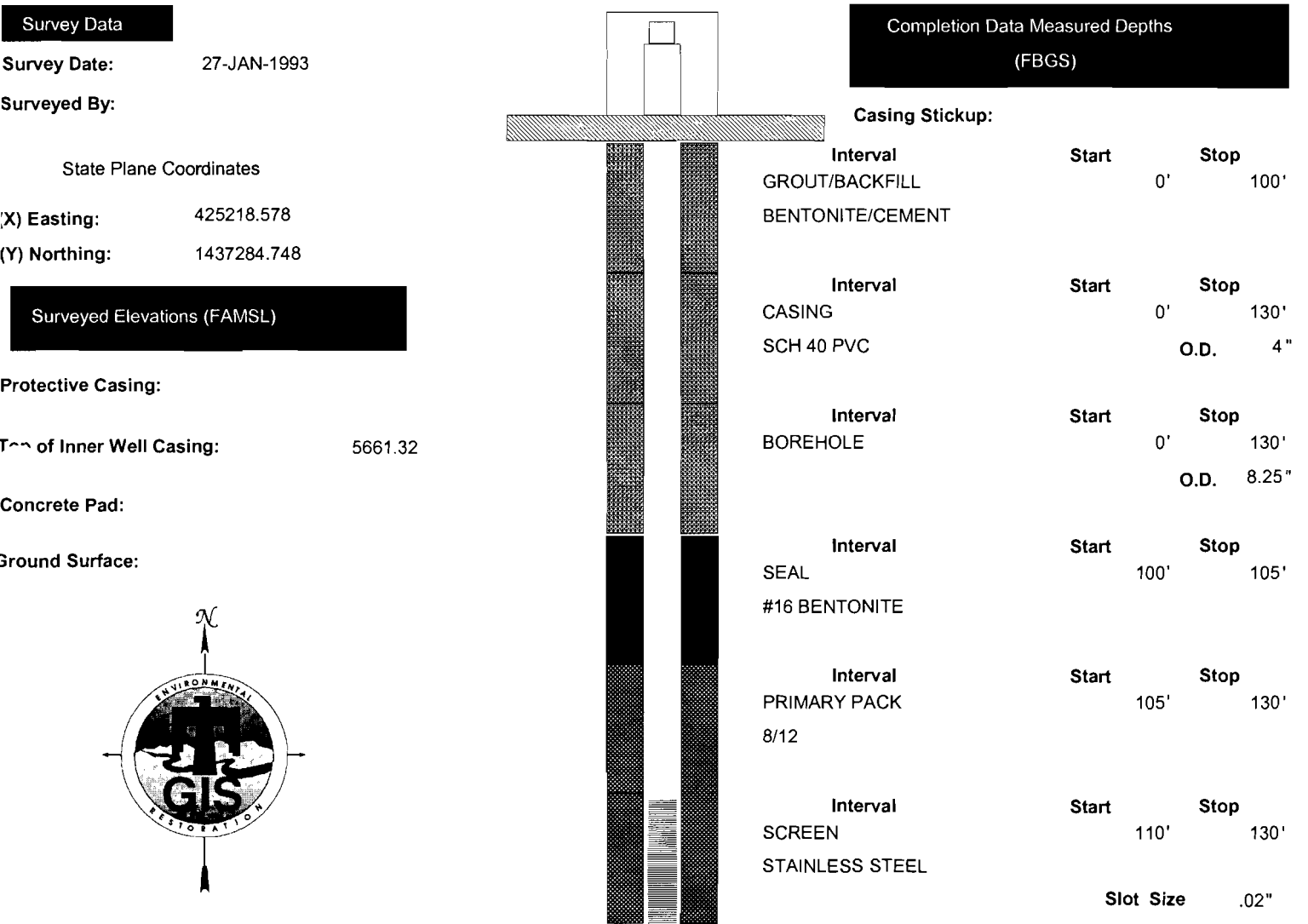
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---------------------------------|
| Project Name: | ITRI | Geo Location: | NE CORNER BLDG 9217 |
| IR ADS #: | NA | Well Completion Date: | 23-DEC-1992 |
| Well Name: | ITRI MW-12 | Completion Zone: | SANDSTONE |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-DEC-1992 | Well Comment: | WATER LEVEL MEASURED ON 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 129.5 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| IR ADS #: NA | Well Completion Date: 27-JAN-1993 |
| Well Name: ITRI MW-13 | Completion Zone: SANDY GRAVEL |
| Owner Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 09-JAN-1993 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY CASING HAMMER | |
| Borehole Depth: 130 | |
| Casing Depth: 130 | |



Calculated Depths and Elevations

Initial Water Elevation: 5548.29
(FAMSL)

Initial Depth To Water: 113.03
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 27-JAN-1993 |
| Well Name: | ITRI MW-13 | Completion Zone: | SANDY GRAVEL |
| Owner Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 09-JAN-1993 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 130 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|---|
| Project Name: ITRI | Geo Location: E OF BLDG 9217 |
| R ADS #: NA | Well Completion Date: 07-JAN-1993 |
| Well Name: ITRI MW-14 | Completion Zone: 8/12 SILICA SAND PACK |
| Operator Name: DOE | Formation of Completion: YESO |
| Drilling Started: 06-JAN-1993 | Well Comment: WATER LEVEL MEASURED 4/30/93 |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY CASING HAMMER | |
| Borehole Depth: 129 | |
| Casing Depth: 128 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 425271.326

(Y) Northing: 1437358.84


Surveyed Elevations (FAMSL)

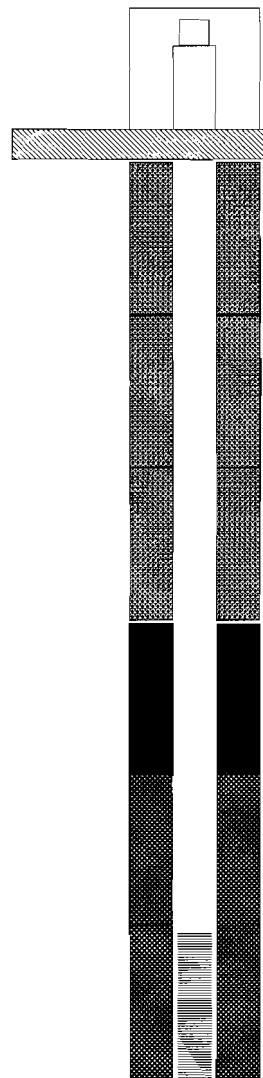
Protective Casing:

Top of Inner Well Casing: 5659.59

Concrete Pad:

Ground Surface:





Completion Data Measured Depths (FBGS)

Casing Stickup: 2

| Interval | Start | Stop | |
|----------------------|------------------|-------------|--|
| GROUT/BACKFILL | 0' | 100' | |
| BENTONITE/CEMENT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 128' | |
| SCH 40 PVC | | O.D. 4" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 129' | |
| | | O.D. 8.25" | |
| Interval | Start | Stop | |
| SEAL | 100' | 103' | |
| GRANULATED BENTONITE | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 103' | 129' | |
| 8/12 | | | |
| Interval | Start | Stop | |
| SCREEN | 108' | 128' | |
| STAINLESS STEEL | | | |
| | Slot Size | .02" | |

Calculated Depths and Elevations

Initial Water Elevation: 5543.88
(FAMSL)

Initial Depth To Water: 115.71
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004


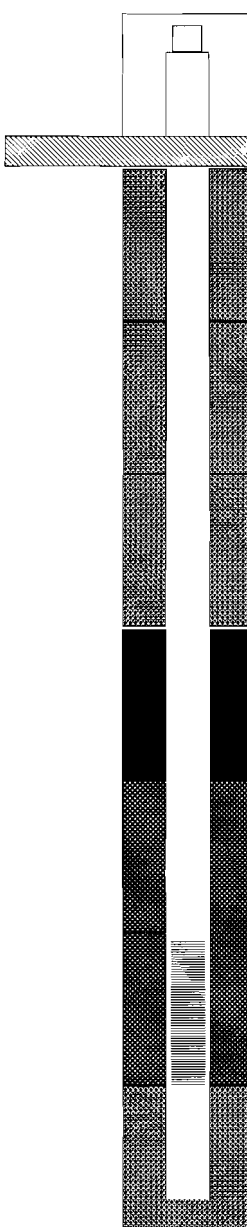
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|------------------------------|
| Project Name: | ITRI | Geo Location: | E OF BLDG 9217 |
| ER ADS #: | NA | Well Completion Date: | 07-JAN-1993 |
| Well Name: | ITRI MW-14 | Completion Zone: | 8/12 SILICA SAND PACK |
| Operator Name: | DOE | Formation of Completion: | YESO |
| Date Drilling Started: | 06-JAN-1993 | Well Comment: | WATER LEVEL MEASURED 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 129 | | |
| Casing Depth: | 128 | | |



WELL DATABASE SUMMARY SHEET

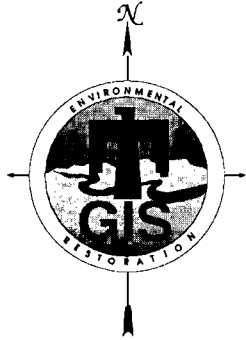
| | |
|--|---|
| Project Name: ITRI | Geo Location: CONTRACTOR PK LOT N OF 9217 |
| IR ADS #: NA | Well Completion Date: 18-JAN-1993 |
| Well Name: ITRI MW-15 | Completion Zone: YELLOW SANDSTONE/RED CLAY |
| Operator Name: DOE | Formation of Completion: ABO |
| Date Drilling Started: 10-JAN-1993 | Well Comment: WATER LEVEL MEASURED ON APRIL 30, 1993 |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY CASING HAMMER | |
| Borehole Depth: 140 | |
| Casing Depth: 135 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date:</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting: 425303.644</p> <p>(Y) Northing: 1437433.963</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 5px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Depth of Inner Well Casing:</p> <p>Concrete Pad:</p> <p>Ground Surface: 5662.82</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 5528.87 (FAMSL)</p> <p>Initial Depth To Water: 133.95 (FBGS)</p> <p>Last measured water level was FASL measured on</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>95'</td> <td></td> </tr> <tr> <td>GROUT</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>135'</td> <td></td> </tr> <tr> <td>SCH 40 PVC</td> <td></td> <td>O.D. 4"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>140'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D. 8.25"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SEAL</td> <td>95'</td> <td>100'</td> <td></td> </tr> <tr> <td>BENTONITE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>100'</td> <td>140'</td> <td></td> </tr> <tr> <td>8/12 SILICA SAND</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SCREEN</td> <td>105'</td> <td>125'</td> <td></td> </tr> <tr> <td>STAINLESS STEEL</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .02"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SUMP</td> <td>125'</td> <td>135'</td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | | GROUT/BACKFILL | 0' | 95' | | GROUT | | | | Interval | Start | Stop | | CASING | 0' | 135' | | SCH 40 PVC | | O.D. 4" | | Interval | Start | Stop | | BOREHOLE | 0' | 140' | | | | O.D. 8.25" | | Interval | Start | Stop | | SEAL | 95' | 100' | | BENTONITE | | | | Interval | Start | Stop | | PRIMARY PACK | 100' | 140' | | 8/12 SILICA SAND | | | | Interval | Start | Stop | | SCREEN | 105' | 125' | | STAINLESS STEEL | | | | | | Slot Size .02" | | Interval | Start | Stop | | SUMP | 125' | 135' | |
|---|--|--|----------|-------|------|--|----------------|----|-----|--|-------|--|--|--|-----------------|--------------|-------------|--|--------|----|------|--|------------|--|---------|--|-----------------|--------------|-------------|--|----------|----|------|--|--|--|------------|--|-----------------|--------------|-------------|--|------|-----|------|--|-----------|--|--|--|-----------------|--------------|-------------|--|--------------|------|------|--|------------------|--|--|--|-----------------|--------------|-------------|--|--------|------|------|--|-----------------|--|--|--|--|--|-----------------------|--|-----------------|--------------|-------------|--|------|------|------|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 95' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 135' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 40 PVC | | O.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 140' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 8.25" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 95' | 100' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 100' | 140' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8/12 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 105' | 125' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 125' | 135' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

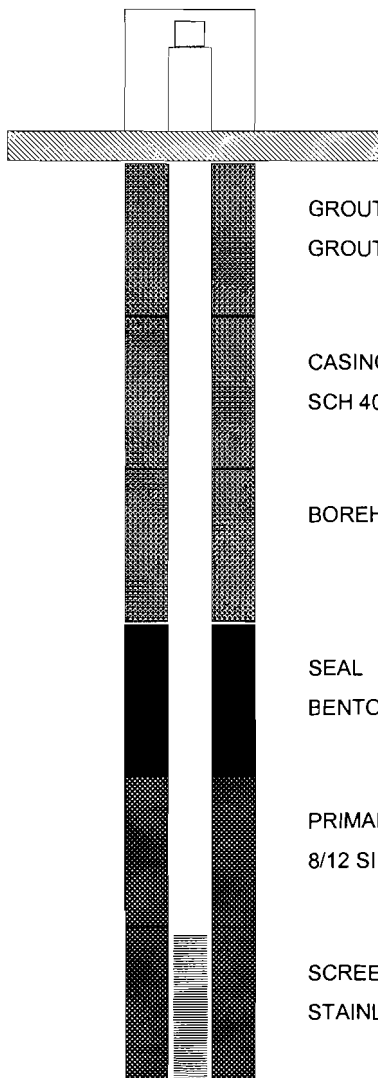
| | | | |
|------------------------|--------------------------|--------------------------|--|
| Project Name: | ITRI | Geo Location: | CONTRACTOR PK LOT N OF 9217 |
| IR ADS #: | NA | Well Completion Date: | 18-JAN-1993 |
| Well Name: | ITRI MW-15 | Completion Zone: | YELLOW SANDSTONE/RED CLAY |
| Operator Name: | DOE | Formation of Completion: | ABO |
| Date Drilling Started: | 10-JAN-1993 | Well Comment: | WATER LEVEL MEASURED ON APRIL 30, 1993 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 140 | | |
| Casing Depth: | 135 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---------------------------------|
| Project Name: | ITRI | Geo Location: | W OF P-3 AREA 2 |
| IR ADS #: | NA | Well Completion Date: | 13-JAN-1993 |
| Well Name: | ITRI MW-16 | Completion Zone: | SAND/SANDSTONE/CLAY |
| Driller Name: | DOE | Formation of Completion: | ABO |
| Date Drilling Started: | 12-JAN-1993 | Well Comment: | WATER LEVEL MEASURED ON 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 120 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------------|---|------------|
| Survey Date: | Casing Stickup: | |
| Surveyed By: | | |
| State Plane Coordinates | Interval | Start Stop |
| (X) Easting: 425347.838 | GROUT/BACKFILL | 0' 90' |
| (Y) Northing: 1437417.639 | GROUT | |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| | CASING | 0' 120' |
| | SCH 40 PVC | O.D. 4" |
| Protective Casing: | Interval | Start Stop |
| Top of Inner Well Casing: 5666.17 | BOREHOLE | 0' 130' |
| Concrete Pad: | | O.D. 8.25" |
| Ground Surface: 5664.91 | Interval | Start Stop |
| | SEAL | 90' 95' |
| | BENTONITE | |
| | Interval | Start Stop |
| | PRIMARY PACK | 95' 130' |
| | 8/12 SILICA SAND | |
| | Interval | Start Stop |
| | SCREEN | 100' 120' |
| | STAINLESS STEEL | |
| | Slot Size | .02" |



| Calculated Depths and Elevations | |
|-------------------------------------|---------|
| Initial Water Elevation: (FAMSL) | 5554.86 |
| Initial Depth To Water: (FBGS) | 111.31 |

Last measured water level was **FASL**
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|--------------------------|--------------------------|---------------------------------|
| Project Name: | ITRI | Geo Location: | W OF P-3 AREA 2 |
| R ADS #: | NA | Well Completion Date: | 13-JAN-1993 |
| Well Name: | ITRI MW-16 | Completion Zone: | SAND/SANDSTONE/CLAY |
| Operator Name: | DOE | Formation of Completion: | ABO |
| Drilling Started: | 12-JAN-1993 | Well Comment: | WATER LEVEL MEASURED ON 4/30/93 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 130 | | |
| Casing Depth: | 120 | | |



WELL DATABASE SUMMARY SHEET

| | |
|-------------------------------|---------------------------|
| Project Name: | ITRI |
| ER ADS #: | N/A |
| Well Name: | ITRI MW-17 |
| Operator Name: | DOE |
| Date Drilling Started: | 28-JUL-1994 |
| Drilling Contractor: | LAYNE ENVIRONMENTAL |
| Drilling Method: | AIR ROTARY -REVERSE CIRC. |
| Borehole Depth: | 110 |
| Casing Depth: | 109 |

| | |
|---------------------------------|----------------|
| Geo Location: | NW OF LAGOON 6 |
| Well Completion Date: | 28-JUL-1994 |
| Completion Zone: | |
| Formation of Completion: | |
| Well Comment: | |

Survey Data

Survey Date: 20-OCT-1994
Surveyed By: WESTERN LAND SURVEYING

State Plane Coordinates

(X) Easting: 423305.67
(Y) Northing: 1438107.041

Surveyed Elevations (FAMSL)

| | |
|---------------------------|----------|
| Protective Casing: | 5613.13 |
| Top of Inner Well Casing: | 5612.44 |
| Concrete Pad: | |
| Ground Surface: | 5611.008 |

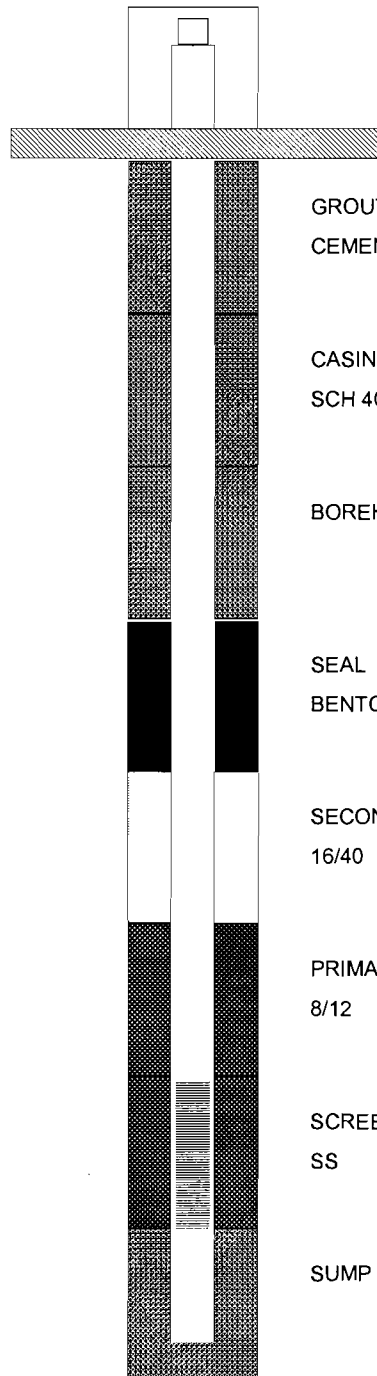


Calculated Depths and Elevations

| | |
|-------------------------------------|---------|
| Initial Water Elevation: (FAMSL) | 5533.43 |
| Initial Depth To Water: (FBGS) | 79.7 |

Last measured water level was _____ FASL
measured on _____

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



Completion Data Measured Depths
(FBGS)

Casing Stickup: 1

| Interval | Start | Stop |
|----------------|-------|-------|
| GROUT/BACKFILL | 0' | 79.6' |
| CEMENT | | |

| Interval | Start | Stop |
|------------|---------|-----------|
| CASING | 0' | 109' |
| SCH 40 PVC | I.D. 4" | O.D. 4.5" |

| Interval | Start | Stop |
|----------|-------|----------|
| BOREHOLE | 0' | 110' |
| | | O.D. 10" |

| Interval | Start | Stop |
|-------------------|-------|------|
| SEAL | 79.6' | 84' |
| BENTONITE PELLETS | | |

| Interval | Start | Stop |
|----------------|-------|------|
| SECONDARY PACK | 84' | 87' |

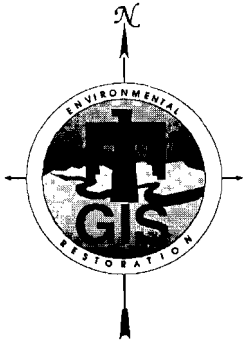
| Interval | Start | Stop |
|--------------|-------|------|
| PRIMARY PACK | 87' | 110' |
| 8/12 | | |

| Interval | Start | Stop |
|----------|-------|--------|
| SCREEN | 88.6' | 108.6' |
| SS | | |

| | | |
|----------|-----------|------|
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 108.6' | 109' |

WELL DATABASE SUMMARY SHEET

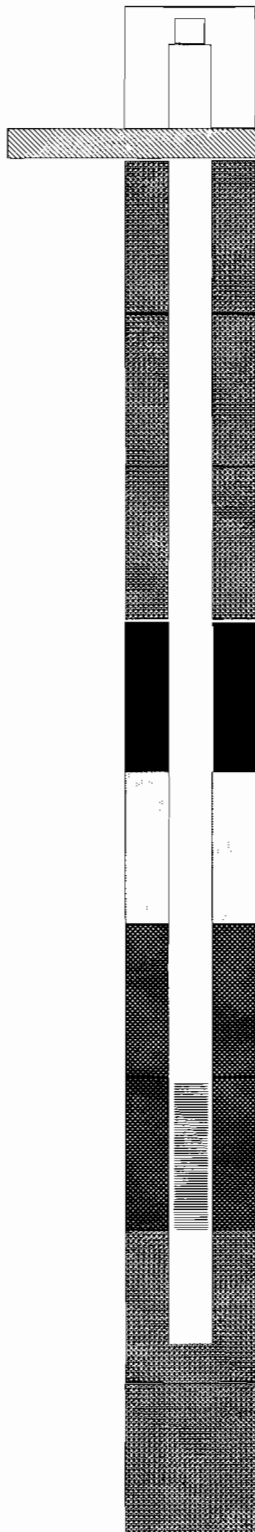
| | | | |
|------------------------|---------------------------|--------------------------|----------------|
| Project Name: | ITRI | Geo Location: | NW OF LAGOON 6 |
| R ADS #: | N/A | Well Completion Date: | 28-JUL-1994 |
| Well Name: | ITRI MW-17 | Completion Zone: | |
| Owner Name: | DOE | Formation of Completion: | |
| Date Drilling Started: | 28-JUL-1994 | Well Comment: | |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | |
| Drilling Method: | AIR ROTARY -REVERSE CIRC. | | |
| Borehole Depth: | 110 | | |
| Casing Depth: | 109 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|------------------------------|
| Project Name: | ITRI | Geo Location: | SW OF LAGOONS |
| IR ADS #: | N/A | Well Completion Date: | 22-JUL-1994 |
| Well Name: | ITRI MW-18 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | DOE | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1994 | Well Comment: | TOP OF ABO FORMATION AT 152' |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | |
| Drilling Method: | REVERSE AIR ROTARY | | |
| Borehole Depth: | 110 | | |
| Casing Depth: | 107.5 | | |

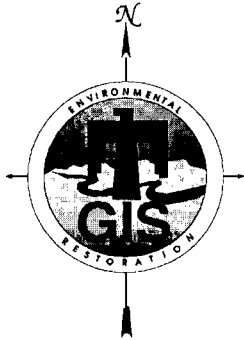
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|------------------------|--|----------------------|
| Survey Date: | 20-OCT-1994 | Casing Stickup: | 3.13 |
| Surveyed By: | WESTERN LAND SURVEYING | Interval | Start Stop |
| State Plane Coordinates | | GROUT/BACKFILL | 0' 80.5' |
| (X) Easting: | 423126.368 | BENTONITE SLURRY | |
| (Y) Northing: | 1436134.524 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | CASING | 0' 107.5' |
| | | SCH 40 PVC | I.D. 4.25" O.D. 4.5" |
| Protective Casing: | 5613.25 | Interval | Start Stop |
| Top of Inner Well Casing: | 5613.01 | BOREHOLE | 0' 110' |
| Concrete Pad: | 5610.52 | | O.D. 10" |
| Ground Surface: | 5610.527 | Interval | Start Stop |
| | | SEAL | 80.5' 82.5' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 82.5' 84' |
| | | 16/40 | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 84' 110' |
| | | 8/12 | |
| | | Interval | Start Stop |
| | | SCREEN | 87.5' 107.1' |
| | | 304 SS | |
| | | Slot Size | .2" |
| | | Interval | Start Stop |
| | | SUMP | 107.1' 107.5' |
| | | Interval | Start Stop |
| | | PLUG BACK | 110' 200' |
| | | UNKNOWN | |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | 5530.72 |
| (FAMSL) | |
| Initial Depth To Water: | 82.53 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

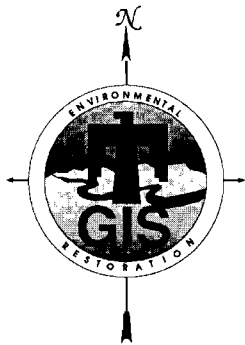
| | | | |
|------------------------|---------------------|--------------------------|------------------------------|
| Project Name: | ITRI | Geo Location: | SW OF LAGOONS |
| ER ADS #: | N/A | Well Completion Date: | 22-JUL-1994 |
| Well Name: | ITRI MW-18 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | DOE | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1994 | Well Comment: | TOP OF ABO FORMATION AT 152' |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | |
| Drilling Method: | REVERSE AIR ROTARY | | |
| Borehole Depth: | 110 | | |
| Casing Depth: | 107.5 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | ITRI | Geo Location: | ~ 400 FEET SOUTH OF P1 |
| ER ADS #: | N/A | Well Completion Date: | 02-AUG-1994 |
| Well Name: | ITRI MW-19 | Completion Zone: | SILTY SAND |
| Driller Name: | DOE | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 02-AUG-1994 | Well Comment: | TOP AT ABO FORMATION @ 144' CONTINUED AQUIFER |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | FIRST WATER 118' BGS SWL 114.2 |
| Drilling Method: | AIR ROTARY REVERSE CIRC. | | |
| Borehole Depth: | 177 | | |
| Casing Depth: | 125.5 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|------------------------|--|----------------------|
| Survey Date: | 20-OCT-1994 | Casing Stickup: | 3.42 |
| Surveyed By: | WESTERN LAND SURVEYING | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 424851.583 | GROUT/BACKFILL | 0' 106' |
| (Y) Northing: | 1436504.052 | BENTONITE SLURRY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5649.62 | CASING | 0' 125.5' |
| Top of Inner Well Casing: | 5649.41 | SCHEDULE 40 PVC | I.D. 4.02" O.D. 4.5" |
| Concrete Pad: | 5646.62 | Interval | Start Stop |
| Ground Surface: | 5646.22 | BOREHOLE | 0' 177' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 106' 110' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 110' 112' |
| | | 16/30 | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 112' 126' |
| | | 8/12 | |
| | | Interval | Start Stop |
| | | SCREEN | 115.1' 125.1' |
| | | STAINLESS STEEL | |
| | | Interval | Start Stop |
| | | SUMP | 125.1' 125.5' |
| | | | Slot Size .2" |
| | | Interval | Start Stop |
| | | PLUG BACK | 126' 177' |
| | | UNKNOWN | |



| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 5535.4 |
| (FAMSL) | |
| Initial Depth To Water: | 114.22 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

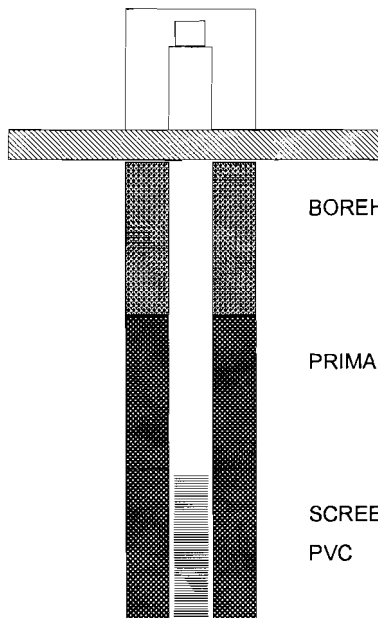
| | | | |
|------------------------------|--------------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | ~ 400 FEET SOUTH OF P1 |
| R ADS #: | N/A | Well Completion Date: | 02-AUG-1994 |
| Well Name: | ITRI MW-19 | Completion Zone: | SILTY SAND |
| Operator Name: | DOE | Formation of Completion: | SANTA FE GROUP |
| Start Date Drilling Started: | 02-AUG-1994 | Well Comment: | TOP AT ABO FORMATION @ 144' CONTINUED AQUIFER FIRST WATER 118' BGS SWL 114.2 |
| Drilling Contractor: | LAYNE ENVIRONMENTAL | | |
| Drilling Method: | AIR ROTARY REVERSE CIRC. | | |
| Borehole Depth: | 177 | | |
| Casing Depth: | 125.5 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| IR ADS #: NA | Well Completion Date: 01-JAN-1989 |
| Well Name: ITRI P-1 | Completion Zone: SAND AND GRAVEL |
| Operator Name: DOE | Formation of Completion: SANTA FE |
| Initial Drilling Started: 01-JAN-1989 | Well Comment: |
| Drilling Contractor: | |
| Drilling Method: AUGER/AIR ROTARY | |
| Borehole Depth: 180 | |
| Casing Depth: | |

| | |
|--|---|
| Survey Data | Completion Data Measured Depths (FBGS) |
| Survey Date: 20-JUN-1990 | |
| Surveyed By: | |
| State Plane Coordinates | |
| (X) Easting: 424850 | |
| (Y) Northing: 1437060 | |
| Surveyed Elevations (FAMSL) | |
| Protective Casing: | |
| Top of Inner Well Casing: 5652.88 | |
| Concrete Pad: | |
| Ground Surface: 5650.52 | |



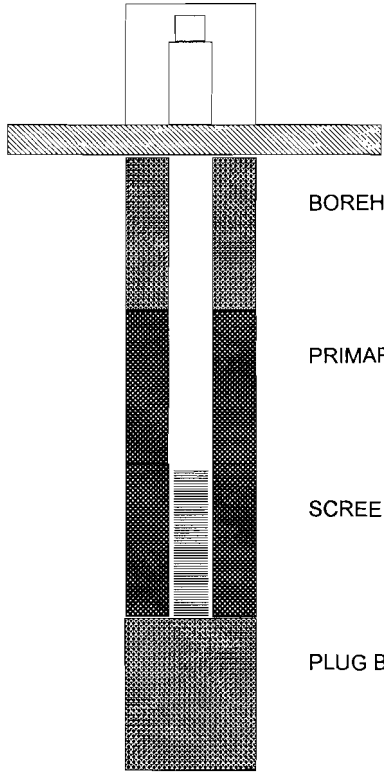

| Casing Stickup: | | | |
|-----------------|-------|----------------|------|
| Interval | Start | Stop | |
| BOREHOLE | | 0' | 180' |
| | | O.D. | 8" |
| Interval | Start | Stop | |
| PRIMARY PACK | 117' | 137' | |
| Interval | Start | Stop | |
| SCREEN | 127' | 137' | |
| PVC | | Slot Size .01" | |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 5535.38 |
| (FAMSL) | |
| Initial Depth To Water: | 116.9 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| R ADS #: NA | Well Completion Date: 11-JAN-1989 |
| Well Name: ITRI P-2 | Completion Zone: GRAVELLY SAND |
| Operator Name: DOE | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | |
| Drilling Contractor: STEWART BROTHERS | Well Comment: HOLE WAS PLUGGED FROM 114' TO 170' |
| Drilling Method: AUGER AND AIR/FOAM ROTARY | |
| Borehole Depth: 170 | |
| Casing Depth: 114 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------|-------|---------|--|----------|----|------|--|--|--|--|---------|----------|-------|------|--|--------------|-----|------|--|----------|-------|------|--|--------|------|------|--|----------|-------|------|--|-----------|------|------|--|
| Survey Date: | Casing Stickup: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>170'</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">O.D. 8"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>99'</td> <td>114'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SCREEN</td> <td>104'</td> <td>114'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PLUG BACK</td> <td>114'</td> <td>170'</td> <td></td> </tr> </table> | | Interval | Start | Stop | | BOREHOLE | 0' | 170' | | | | | O.D. 8" | Interval | Start | Stop | | PRIMARY PACK | 99' | 114' | | Interval | Start | Stop | | SCREEN | 104' | 114' | | Interval | Start | Stop | | PLUG BACK | 114' | 170' | |
| Interval | | | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | | | 0' | 170' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | O.D. 8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 99' | 114' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 104' | 114' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 114' | 170' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 425047.66 (Y) Northing: 1437613.06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5658 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5655.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

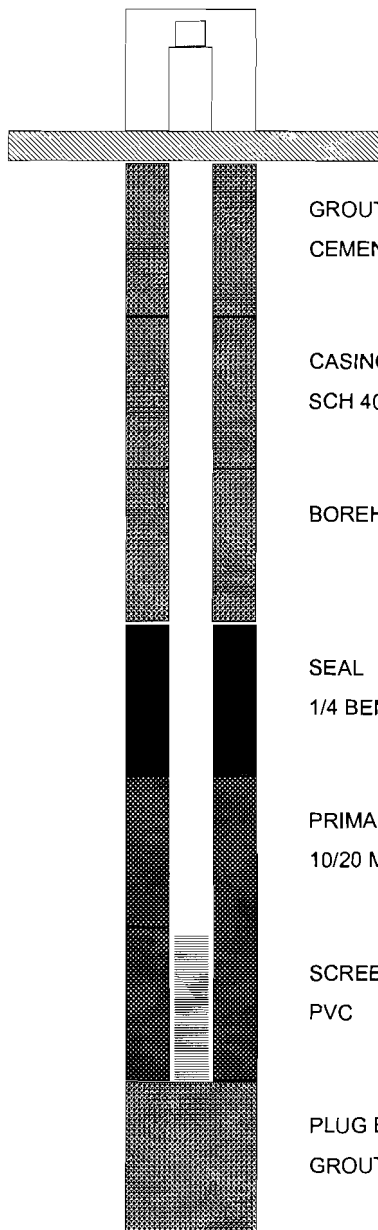
| Calculated Depths and Elevations | |
|---|--------|
| Initial Water Elevation: (FAMSL) | 5552.8 |
| Initial Depth To Water: (FBGS) | 105.2 |
| Last measured water level was FASL measured on | |

| | |
|-----------------------------------|-------------------------------------|
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |
|-----------------------------------|-------------------------------------|

WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|-------------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| IR ADS #: | NA | Well Completion Date: | 19-FEB-1990 |
| Well Name: | ITRI P-3 | Completion Zone: | SAND AND CLAY |
| Operator Name: | DOE | Formation of Completion: | ABO |
| Drilling Started: | 05-DEC-1989 | Well Comment: | WATER LEVEL MEASURED ON 1/6/93@1300HRS = 114.2' (BCL) FLOATING PRODUCT IN BAILER - 12.5" THICK |
| Drilling Contractor: | BILLINGS AND ASSOCIATES | | |
| Drilling Method: | AUGER/ROTARY | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | 115 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------------|---|------------|
| Survey Date: | Casing Stickup: 2.64 | |
| Surveyed By: | | |
| State Plane Coordinates | Interval | Start Stop |
| (X) Easting: 425357.15 | GROUT/BACKFILL | 0' 89' |
| (Y) Northing: 1437417.59 | CEMENT/BENTONITE | |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| | CASING | 0' 115' |
| | SCH 40 PVC | O.D. 4" |
| Protective Casing: | Interval | Start Stop |
| Top of Inner Well Casing: 5667.39 | BOREHOLE | 0' 150' |
| | | O.D. 8" |
| Concrete Pad: | Interval | Start Stop |
| Ground Surface: 5664.75 | SEAL | 89' 94' |
| | 1/4 BENTONITE PELLET | |
| | Interval | Start Stop |
| | PRIMARY PACK | 94' 115' |
| | 10/20 MESH SILICA | |
| | Interval | Start Stop |
| | SCREEN | 95' 115' |
| | PVC | |
| | Slot Size | .02" |
| Calculated Depths and Elevations | Interval | Start Stop |
| Initial Water Elevation: 5552.78 | PLUG BACK | 115' 150' |
| (FAMSL) | GROUT | |
| Initial Depth To Water: 114.61 | | |
| (FBGS) | | |
| Last measured water level was | FASL | |
| measured on | | |



Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

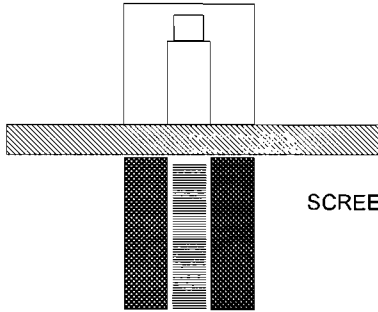
WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|-------------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| IR ADS #: | NA | Well Completion Date: | 19-FEB-1990 |
| Well Name: | ITRI P-3 | Completion Zone: | SAND AND CLAY |
| Operator Name: | DOE | Formation of Completion: | ABO |
| Drilling Started: | 05-DEC-1989 | Well Comment: | WATER LEVEL MEASURED ON 1/6/93@1300HRS = 114.2' (BCL) FLOATING PRODUCT IN BAILER - 12.5" THICK |
| Drilling Contractor: | BILLINGS AND ASSOCIATES | | |
| Drilling Method: | AUGER/ROTARY | | |
| Borehole Depth: | 150 | | |
| Casing Depth: | 115 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| ER ADS #: NA | Well Completion Date: 02-NOV-1991 |
| Well Name: ITRI P-4 | Completion Zone: SAND AND GRAVEL |
| Operator Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-NOV-1991 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: | |
| Borehole Depth: 140 | |
| Casing Depth: | |

| | | |
|------------------------------------|---|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: 422651.97 | | |
| (Y) Northing: 1437356.79 | | |
| Surveyed Elevations (FAMSL) | | |

| | |
|----------------------------------|---------|
| Protective Casing: | |
| Top of Inner Well Casing: | 5602.98 |
| Concrete Pad: | |
| Ground Surface: | 5601.46 |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 5531.91 |
| (FAMSL) | |
| Initial Depth To Water: | 71.07 |
| (FBGS) | |
| Last measured water level was | FASL |
| measured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: FAR SOUTH KAFB |
| IR ADS #: NA | Well Completion Date: 16-DEC-1992 |
| Well Name: ITRI P-5 | Completion Zone: SANDY GRAVEL PEA SIZE |
| Operator Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 16-DEC-1992 | Well Comment: NO GROUT: WELL WILL BE DECOMMISSIONED AFTER PUMP TEST |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY CASING HAMMER | |
| Borehole Depth: 127 | |
| Casing Depth: 125 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 423547.808

(Y) Northing: 1437213.579

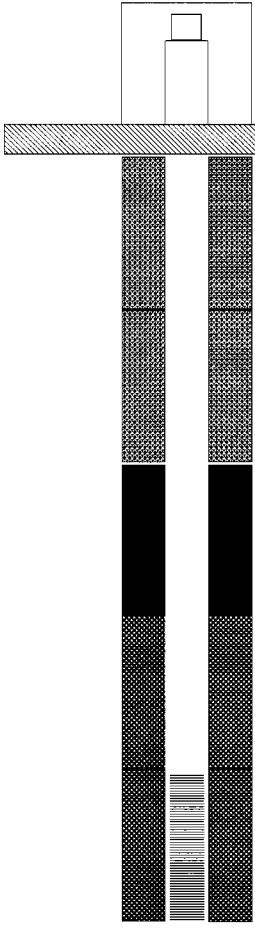
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5621.06

Concrete Pad:

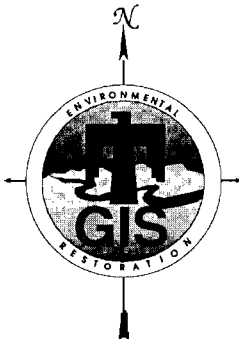
Ground Surface: 5618.17



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------------|-----------|------------|
| CASING | 0' | 125' |
| SCH 40 PVC | | O.D. 2" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 127' |
| | | O.D. 8.25" |
| Interval | Start | Stop |
| SEAL | 80' | 83' |
| #16 GRAN BENTONITE | | |
| Interval | Start | Stop |
| PRIMARY PACK | 83' | 127' |
| 8/12 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 85' | 125' |
| PVC | | |
| | Slot Size | .02" |

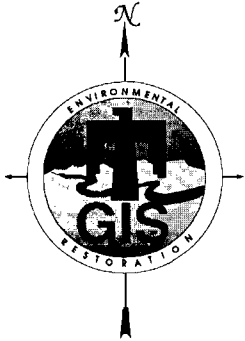


Calculated Depths and Elevations

| | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 5534.03 |
| (FAMSL) | |
| Initial Depth To Water: | 87.03 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | FAR SOUTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 16-DEC-1992 |
| Well Name: | ITRI P-5 | Completion Zone: | SANDY GRAVEL PEA SIZE |
| Operator Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 16-DEC-1992 | Well Comment: | NO GROUT: WELL WILL BE DECOMMISSIONED AFTER PUMP TEST |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 127 | | |
| Casing Depth: | 125 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: 50' W OF P-5, W OF LAGOON 6 |
| ER ADS #: NA | Well Completion Date: 18-DEC-1992 |
| Well Name: ITRI P-6 | Completion Zone: GRAVEL |
| Operator Name: DOE | Formation of Completion: SANTA FE |
| Date Drilling Started: 17-DEC-1992 | Well Comment: NO GROUT, WELL WILL BE DECOMMISSIONED AFTER PUMP TEST |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY CASING HAMMER | |
| Borehole Depth: 127 | |
| Casing Depth: 125 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 423506.158

(Y) Northing: 1437209.269

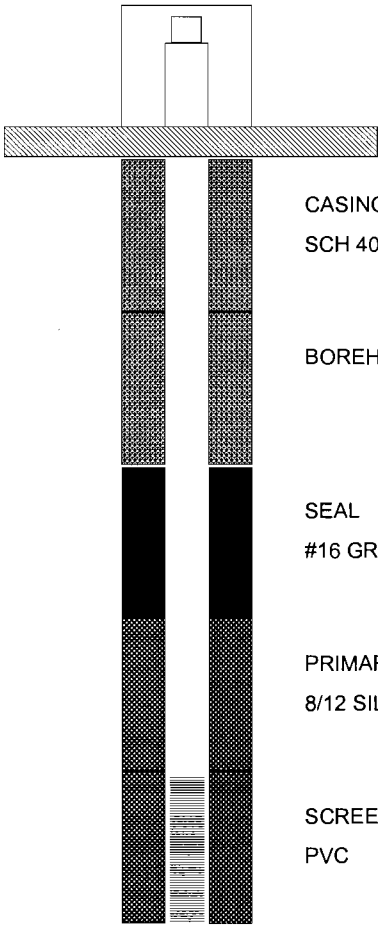
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5619.87

Concrete Pad:

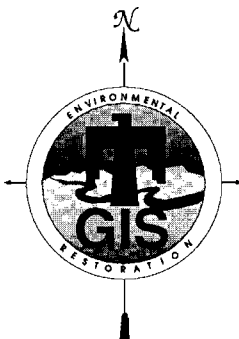
Ground Surface: 5617.14



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------------|-----------|------------|
| CASING | 0' | 125' |
| SCH 40 PVC | | O.D. 2" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 127' |
| | | O.D. 8.25" |
| Interval | Start | Stop |
| SEAL | 78' | 82' |
| #16 GRAN BENTONITE | | |
| Interval | Start | Stop |
| PRIMARY PACK | 82' | 127' |
| 8/12 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 85' | 125' |
| PVC | | |
| | Slot Size | .02" |



Calculated Depths and Elevations

Initial Water Elevation: 5534.03
(FAMSL)

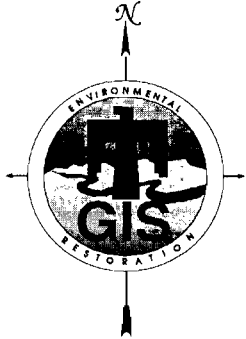
Initial Depth To Water: 85.84
(FBGS)

Last measured water level was **FASL**
measured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | 50' W OF P-5, W OF LAGOON 6 |
| ER ADS #: | NA | Well Completion Date: | 18-DEC-1992 |
| Well Name: | ITRI P-6 | Completion Zone: | GRAVEL |
| Owner Name: | DOE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 17-DEC-1992 | Well Comment: | NO GROUT, WELL WILL BE DECOMMISSIONED AFTER PUMP TEST |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 127 | | |
| Casing Depth: | 125 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: ITRI | Geo Location: 100' N OF MW-10 W OF LAGOON 6 |
| ER ADS #: NA | Well Completion Date: 19-DEC-1992 |
| Well Name: ITRI P-7 | Completion Zone: RED BROWN SILT |
| Driller Name: DOE | Formation of Completion: ABO |
| Date Drilling Started: 18-DEC-1992 | Well Comment: NO GROUT: WELL WILL BE DECOMMISSIONED AFTER PUMP TEST |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: AIR ROTARY CASING HAMMER | |
| Borehole Depth: 149 | |
| Casing Depth: 125 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 423555.315

(Y) Northing: 1437307.428


Surveyed Elevations (FAMSL)

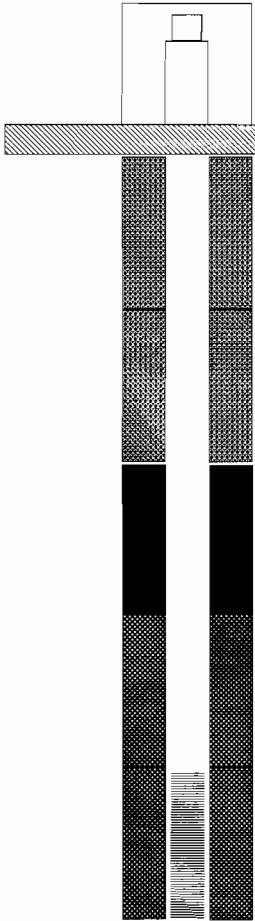
Protective Casing:

Top of Inner Well Casing: 5622.02

Concrete Pad:

Ground Surface: 5619.29





Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|------------|-------|---------|
| CASING | 0' | 125' |
| SCH 40 PVC | | O.D. 2" |

| Interval | Start | Stop |
|----------|-------|------------|
| BOREHOLE | 0' | 149' |
| | | O.D. 8.25" |

| Interval | Start | Stop |
|--------------------|-------|------|
| SEAL | 76' | 81' |
| #16 GRAN BENTONITE | | |

| Interval | Start | Stop |
|------------------|-------|------|
| PRIMARY PACK | 81' | 149' |
| 8/12 SILICA SAND | | |

| Interval | Start | Stop |
|----------|------------------|------|
| SCREEN | 85' | 125' |
| PVC | | |
| | Slot Size | .02" |

Calculated Depths and Elevations

Initial Water Elevation: 5533.96
(FAMSL)

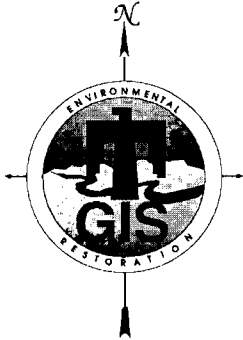
Initial Depth To Water: 88.06
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

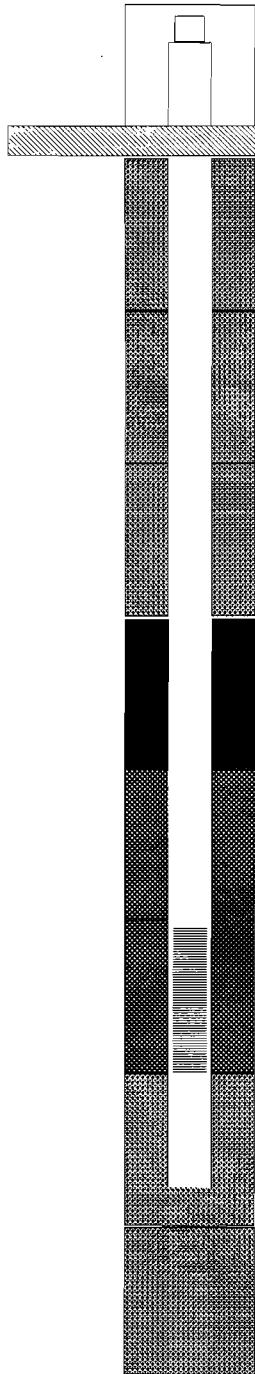
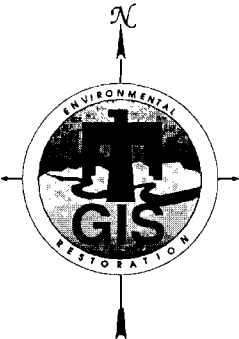
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---|
| Project Name: | ITRI | Geo Location: | 100' N OF MW-10 W OF LAGOON 6 |
| ER ADS #: | NA | Well Completion Date: | 19-DEC-1992 |
| Well Name: | ITRI P-7 | Completion Zone: | RED BROWN SILT |
| Owner Name: | DOE | Formation of Completion: | ABO |
| Date Drilling Started: | 18-DEC-1992 | Well Comment: | NO GROUT: WELL WILL BE DECOMMISSIONED AFTER PUMP TEST |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 149 | | |
| Casing Depth: | 125 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: LANDFILL S OF EW RUNWAY |
| ER ADS #: NA | Well Completion Date: 30-DEC-1983 |
| Well Name: KAFB-0107 | Completion Zone: COARSE SAND |
| Well ID Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 22-DEC-1983 | Well Comment: ALTERNATE NAME: LF/DM-01 BOTTOM 5' OF HOLE CAVED IN RISER EXTENDED UPWARD DURING 1992 RUNWAY CONSTRUCTION - NEEDS TO BE RESURVEYED |
| Drilling Contractor: RODGERS AND COMPANY | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 480 | |
| Casing Depth: 475 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|-------|------|----------------|----|------|---------|--|--|----------|-------|------|--------|----|------|------------|--|-----------|----------|-------|------|----------|----|------|--|--|------------|----------|-------|------|------|------|------|-------------------|--|--|----------|-------|------|--------------|------|------|-------------------|--|--|----------|-------|------|--------|------|------|-----|--|--|--|-----------|------|----------|-------|------|------|------|------|----------|-------|------|-----------|------|------|---------|--|--|
| Survey Date: 01-JAN-1997 |  | Casing Stickup: .82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 399913.25 (Y) Northing: 1470738.51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5325.82 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>406'</td> </tr> <tr> <td>NATURAL</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>475'</td> </tr> <tr> <td>SCH 40 PVC</td> <td></td> <td>O.D. 5.5"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>480'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 8.75"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL</td> <td>406'</td> <td>409'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>409'</td> <td>475'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>415'</td> <td>465'</td> </tr> <tr> <td>PVC</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Slot Size</td> <td>.02"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SUMP</td> <td>465'</td> <td>475'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>475'</td> <td>480'</td> </tr> <tr> <td>NATURAL</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 406' | NATURAL | | | Interval | Start | Stop | CASING | 0' | 475' | SCH 40 PVC | | O.D. 5.5" | Interval | Start | Stop | BOREHOLE | 0' | 480' | | | O.D. 8.75" | Interval | Start | Stop | SEAL | 406' | 409' | BENTONITE PELLETS | | | Interval | Start | Stop | PRIMARY PACK | 409' | 475' | 10/20 SILICA SAND | | | Interval | Start | Stop | SCREEN | 415' | 465' | PVC | | | | Slot Size | .02" | Interval | Start | Stop | SUMP | 465' | 475' | Interval | Start | Stop | PLUG BACK | 475' | 480' | NATURAL | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 406' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 475' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 40 PVC | | O.D. 5.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 480' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 8.75" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 406' | 409' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 409' | 475' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 415' | 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 465' | 475' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 475' | 480' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5323.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5333.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: 4889.22 (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 444 (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was 4866.37 FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on 28-AUG-1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

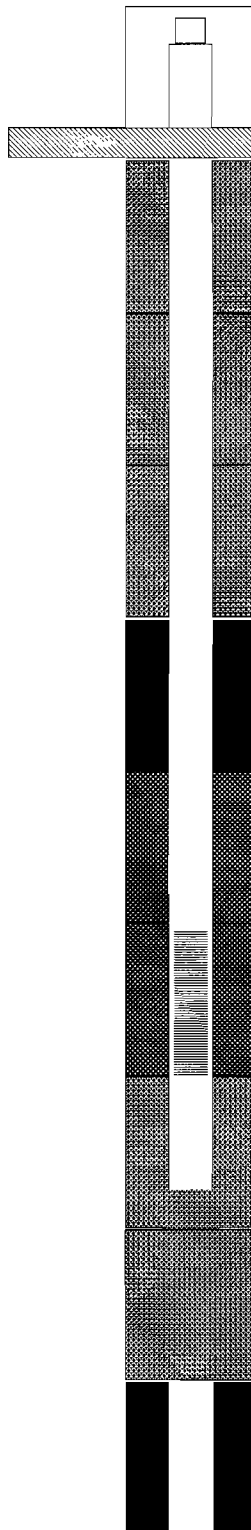
| | | | |
|------------------------|---------------------|--------------------------|--|
| Project Name: | IRP | Geo Location: | LANDFILL S OF EW RUNWAY |
| ER ADS #: | NA | Well Completion Date: | 30-DEC-1983 |
| Well Name: | KAFB-0107 | Completion Zone: | COARSE SAND |
| Well ID Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 22-DEC-1983 | Well Comment: | ALTERNATE NAME: LF/DM-01 BOTTOM 5' OF HOLE CAVED IN |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 480 | | RISER EXTENDED UPWARD DURING 1992 RUNWAY CONSTRUCTION - NEEDS TO BE RESURVEYED |
| Casing Depth: | 475 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|---|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 03-SEP-1991 |
| Well Name: | KAFB-0110 | Completion Zone: | ALLUVIUM |
| Well ID: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 31-AUG-1991 | Well Comment: | 360-370' TYPE 304 SS 395-495' TYPE 304 SS |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 405 | | |

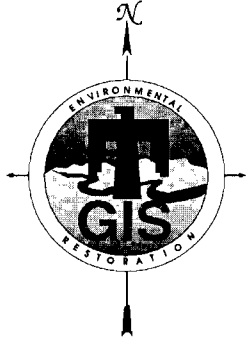
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|--------------------------|--|-------------|
| Survey Date: | 01-JAN-1997 | Casing Stickup: | 1.16 |
| Surveyed By: | HALL ENGINEERING COMPANY | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 399626.21 | GROUT/BACKFILL | 0' 305' |
| (Y) Northing: | 1469037.92 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | CASING | 0' 405' |
| | | SCH 80 PVC/SS | I.D. 3.826" |
| Protective Casing: | | Interval | Start Stop |
| Top of Inner Well Casing: | 5258.92 | BOREHOLE | 0' 470' |
| Concrete Pad: | 5255.75 | | O.D. 7.875" |
| Ground Surface: | 5257 | Interval | Start Stop |
| | | SEAL | 305' 315' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 315' 415' |
| | | 20/40 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 370' 395' |
| | | 304 STAINLESS STEEL | |
| | | Slot Size | .01" |
| | | Interval | Start Stop |
| | | SUMP | 395' 405' |
| | | Interval | Start Stop |
| | | PLUG BACK | 405' 470' |
| | | BENTONITE/PEA GRAVEL | |
| | | Interval | Start Stop |
| | | SEAL | 415' 420' |
| | | BENTONITE PELLETS | |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | 4883.85 |
| (FAMSL) | |
| Initial Depth To Water: | 375 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on 25-SEP-1997 | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |


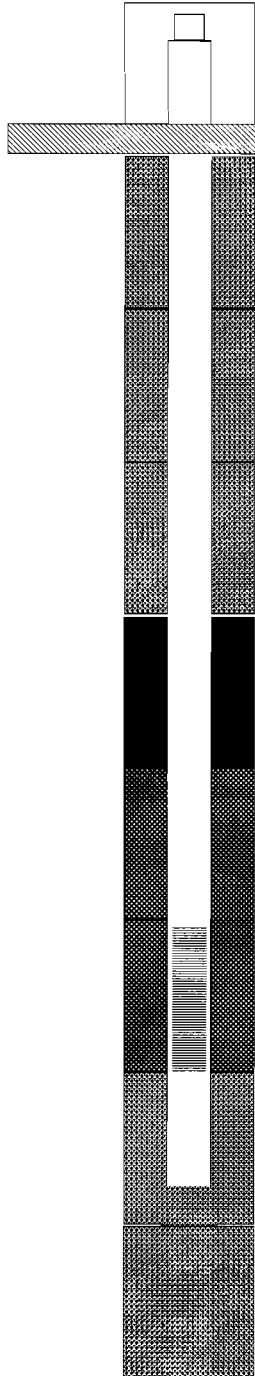
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 03-SEP-1991 |
| Well Name: | KAFB-0110 | Completion Zone: | ALLUVIUM |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 31-AUG-1991 | Well Comment: | 360-370' TYPE 304 SS 395-495' TYPE 304 SS |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 405 | | |



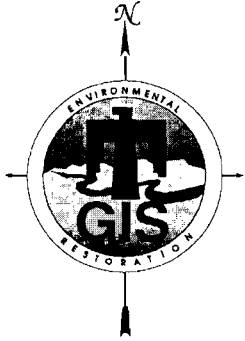
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | NE CORNER LANDFILL I |
| ER ADS #: | NA | Well Completion Date: | 15-SEP-1991 |
| Well Name: | KAFB-0111 | Completion Zone: | VCG SAND/GREEN BROWN CLAY/SILT |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 11-SEP-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 465 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|-------|------|--|----------------|----|--------|--|---------|--|--|--|-----------------|--------------|-------------|--|--------|----|------|--|------------|-------------|-----------|--|-----------------|--------------|-------------|--|----------|----|------|--|--|--|-------------|--|-----------------|--------------|-------------|--|------|--------|------|--|-----------|--|--|--|-----------------|--------------|-------------|--|--------------|------|------|--|------------|--|--|--|-----------------|--------------|-------------|--|--------|------|------|--|-------------|--|--|--|--|--|-----------------------|--|-----------------|--------------|-------------|--|------|------|------|--|-----------------|--------------|-------------|--|-----------|------|------|--|----------------------|--|--|--|
| Survey Date: | 01-JAN-1997 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | HALL ENGINEERING COMPANY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: | 400443.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: | 1470590.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | 5312.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | 5310.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: | 5315 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | <p>Casing Stickup: 2.5</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>353.5'</td> <td></td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>465'</td> <td></td> </tr> <tr> <td>SCH 80 PVC</td> <td>I.D. 3.826"</td> <td>O.D. 4.5"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>500'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D. 7.875"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SEAL</td> <td>353.5'</td> <td>376'</td> <td></td> </tr> <tr> <td>BENTONITE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>376'</td> <td>458'</td> <td></td> </tr> <tr> <td>20/40 MESH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SCREEN</td> <td>430'</td> <td>455'</td> <td></td> </tr> <tr> <td>TYPE 304 SS</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .01"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SUMP</td> <td>455'</td> <td>465'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PLUG BACK</td> <td>458'</td> <td>500'</td> <td></td> </tr> <tr> <td>BENTONITE/PEA GRAVEL</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | | GROUT/BACKFILL | 0' | 353.5' | | VOLCLAY | | | | Interval | Start | Stop | | CASING | 0' | 465' | | SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | Interval | Start | Stop | | BOREHOLE | 0' | 500' | | | | O.D. 7.875" | | Interval | Start | Stop | | SEAL | 353.5' | 376' | | BENTONITE | | | | Interval | Start | Stop | | PRIMARY PACK | 376' | 458' | | 20/40 MESH | | | | Interval | Start | Stop | | SCREEN | 430' | 455' | | TYPE 304 SS | | | | | | Slot Size .01" | | Interval | Start | Stop | | SUMP | 455' | 465' | | Interval | Start | Stop | | PLUG BACK | 458' | 500' | | BENTONITE/PEA GRAVEL | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 353.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 500' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 353.5' | 376' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 376' | 458' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/40 MESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 430' | 455' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE 304 SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 455' | 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 458' | 500' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE/PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: | 4878.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: | 435 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| measured on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: | 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

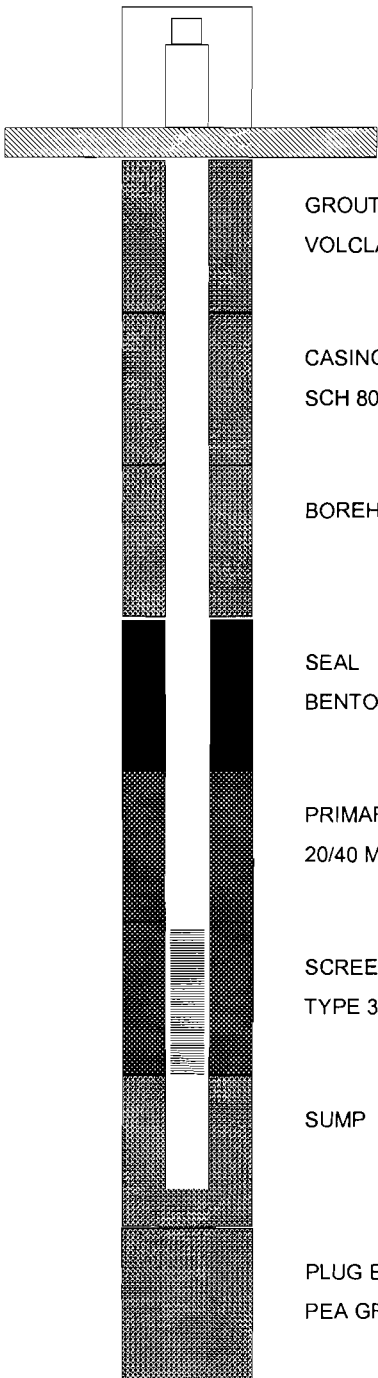
| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | NE CORNER LANDFILL I |
| ER ADS #: | NA | Well Completion Date: | 15-SEP-1991 |
| Well Name: | KAFB-0111 | Completion Zone: | VCG SAND/GREEN BROWN CLAY/SILT |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 11-SEP-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 465 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: KAFB LANDFILL 1 |
| ER ADS #: NA | Well Completion Date: 03-JUL-1991 |
| Well Name: KAFB-0112 | Completion Zone: SAND/COARSE |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 26-MAY-1991 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 500.5 | |
| Casing Depth: 451 | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|--|--|--|--|--|---|
| Survey Date: 01-JAN-1997 | | | | | Casing Stickup: .88 |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 398664.19 | | | | | Interval Start Stop |
| (Y) Northing: 1469929.75 | | | | | GROUT/BACKFILL 0' 359' |
| | | | | | VOLCLAY |
| | | | | | Interval Start Stop |
| | | | | | CASING 0' 451' |
| | | | | | SCH 80 PVC I.D. 3.826" O.D. 4" |
| | | | | | Interval Start Stop |
| | | | | | BOREHOLE 0' 500.5' |
| | | | | | O.D. 7.875" |
| | | | | | Interval Start Stop |
| | | | | | SEAL 359' 364' |
| | | | | | BENTONITE PELLET |
| | | | | | Interval Start Stop |
| | | | | | PRIMARY PACK 364' 465' |
| | | | | | 20/40 MESH |
| | | | | | Interval Start Stop |
| | | | | | SCREEN 416' 441' |
| | | | | | TYPE 304 SS |
| | | | | | Slot Size .01" |
| | | | | | Interval Start Stop |
| | | | | | SUMP 441' 451' |
| | | | | | Interval Start Stop |
| | | | | | PLUG BACK 456' 500.5' |
| | | | | | PEA GRAVEL/BENTONITE |



Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5304.39

Concrete Pad: 5301.15

Ground Surface: 5303



Calculated Depths and Elevations

Initial Water Elevation: 4869.04
(FAMSL)

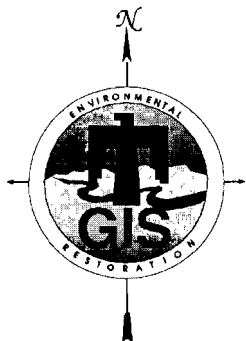
Initial Depth To Water: 435
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|-----------------|
| Project Name: | IRP | Geo Location: | KAFB LANDFILL 1 |
| ER ADS #: | NA | Well Completion Date: | 03-JUL-1991 |
| Well Name: | KAFB-0112 | Completion Zone: | SAND/COARSE |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 26-MAY-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAR | | |
| Borehole Depth: | 500.5 | | |
| Casing Depth: | 451 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: KAFB LANDFILL I |
| ER ADS #: NA | Well Completion Date: 29-AUG-1992 |
| Well Name: KAFB-0113 | Completion Zone: FINE TO COARSE SAND/SILT |
| Driller Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 25-AUG-1992 | Well Comment: 100 FEET DRILLED OCTOBER 1991 |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 450 | |
| Casing Depth: 425 | |


| Survey Data | | Completion Data Measured Depths (FBGS) |
|--|--|--|
| Survey Date: 01-JAN-1997 | | |
| Surveyed By: HALL ENGINEERING COMPANY | | |
| State Plane Coordinates | | Casing Stickup: 1.15 |
| (X) Easting: 398798.97 | | Interval Start Stop |
| (Y) Northing: 1468934.45 | | GROUT/BACKFILL 0' 332' |
| | | VOLCLAY |
| | | Interval Start Stop |
| | | CASING 0' 425' |
| | | SCH 80 PVC I.D. 3.826" O.D. 4.5" |
| | | Interval Start Stop |
| | | BOREHOLE 0' 450' |
| | | O.D. 7.875" |
| | | Interval Start Stop |
| | | SEAL 332' 337' |
| | | BENTONITE PELLET |
| | | Interval Start Stop |
| | | PRIMARY PACK 337' 437' |
| | | 20/40 MESH |
| | | Interval Start Stop |
| | | SCREEN 390' 415' |
| | | TYPE 304 SS |
| | | Slot Size .01" |
| | | Interval Start Stop |
| | | SUMP 415' 425' |
| | | Interval Start Stop |
| | | PLUG BACK 437' 450' |
| | | PEA GRAVEL/BENTONITE |

Protective Casing:

Top of Inner Well Casing: 5274.66

Concrete Pad: 5271.08

Ground Surface: 5300



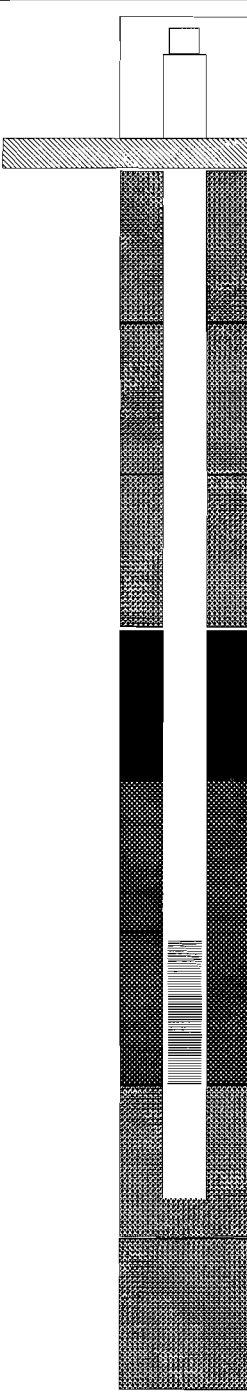
Calculated Depths and Elevations

Initial Water Elevation: 4879.25 (FAMSL)

Initial Depth To Water: 395 (FBGS)

Last measured water level was **FASL**
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|-------------------------------|
| Project Name: | IRP | Geo Location: | KAFB LANDFILL I |
| ER ADS #: | NA | Well Completion Date: | 29-AUG-1992 |
| Well Name: | KAFB-0113 | Completion Zone: | FINE TO COARSE SAND/SILT |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 25-AUG-1992 | Well Comment: | 100 FEET DRILLED OCTOBER 1991 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAR | | |
| Borehole Depth: | 450 | | |
| Casing Depth: | 425 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|-----------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 17-AUG-1992 |
| Well Name: | KAFB-0114 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 20-OCT-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 469 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

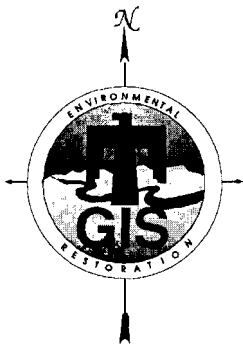
State Plane Coordinates

(X) Easting: 399445.85
(Y) Northing: 1470583.25

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5317.43
Concrete Pad: 5313.99
Ground Surface: 5318



Calculated Depths and Elevations

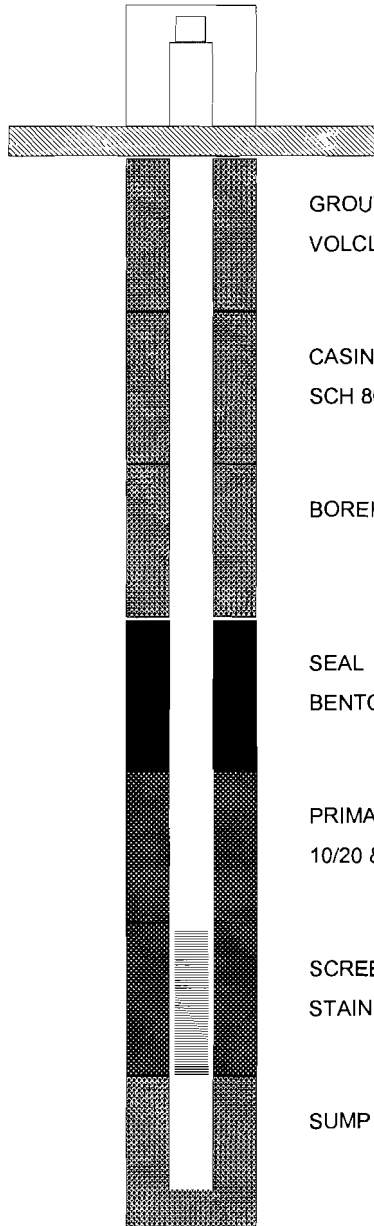
Initial Water Elevation: 4877.07
(FAMSL)
Initial Depth To Water: 440
(FBGS)

Last measured water level was 4865.2 **FASL**
asured on 06-AUG-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | 1.34 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 361' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 469' | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 470' | |
| | | O.D. 7.875" | |
| Interval | Start | Stop | |
| SEAL | 361' | 374' | |
| BENTONITE | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 374' | 470' | |
| 10/20 & 20/40 MESH | | | |
| Interval | Start | Stop | |
| SCREEN | 434' | 459' | |
| STAINLESS STEEL | | | |
| | Slot Size | .01" | |
| Interval | Start | Stop | |
| SUMP | 459' | 469' | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|-----------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 17-AUG-1992 |
| Well Name: | KAFB-0114 | Completion Zone: | SAND AND GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 20-OCT-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 469 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 16-MAR-1992 |
| Well Name: | KAFB-0115 | Completion Zone: | SMALL GRAVEL/SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JUL-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 479 | | |
| Casing Depth: | 451 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING
COMPANY

State Plane Coordinates

(X) Easting: 400632.18

(Y) Northing: 1470274.56

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5304.15

| | |
|---------------|---------|
| Concrete Pad: | 5302.25 |
|---------------|---------|

Ground Surface: 5304



Calculated Depths and Elevations

Initial Water Elevation: 4877.21
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was _____ FASL
measured on _____

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths
(FBGS)

Casing Stickup: .51

| Interval | Start | Stop |
|----------------|-------|------|
| GROUT/BACKFILL | 0' | 361' |
| VOLCLAY | | |

| Interval | Start | Stop |
|-----------------|-------------|---------|
| CASING | 0' | 451' |
| STAINLESS STEEL | I.D. 3.826" | O.D. 4" |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 479' |
| | | O.D. 7.875" |

| Interval | Start | Stop |
|-------------------|-------|------|
| SEAL | 361' | 374' |
| BENTONITE PELLETS | | |

| Interval | Start | Stop |
|--------------|-------|------|
| PRIMARY PACK | 374' | 451' |
| 20/40 MESH | | |

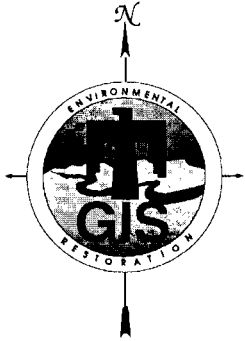
| Interval | Start | Stop |
|-----------------|-----------|------|
| SCREEN | 416' | 441' |
| STAINLESS STEEL | | |
| | Slot Size | .01" |

| Interval | Start | Stop |
|----------|-------|------|
| SUMP | 441' | 451' |

| Interval | Start | Stop |
|----------------------|-------|------|
| PLUG BACK | 451' | 479' |
| BENTONITE/PEA GRAVEL | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 16-MAR-1992 |
| Well Name: | KAFB-0115 | Completion Zone: | SMALL GRAVEL/SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JUL-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 479 | | |
| Casing Depth: | 451 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: LANDFILL 1 |
| ER ADS #: NA | Well Completion Date: 19-AUG-1992 |
| Well Name: KAFB-0117 | Completion Zone: BROWN CLAY/MED GRAIN SAND |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 16-AUG-1992 | Well Comment: DRILLED 100' IN FEB ---> THEN DRILLED REMAINING IN AUGUST |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 470 | |
| Casing Depth: 448 | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 398514.88
(Y) Northing: 1469292.72

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5297.47
Concrete Pad: 5293.47
Ground Surface: 5296



Calculated Depths and Elevations

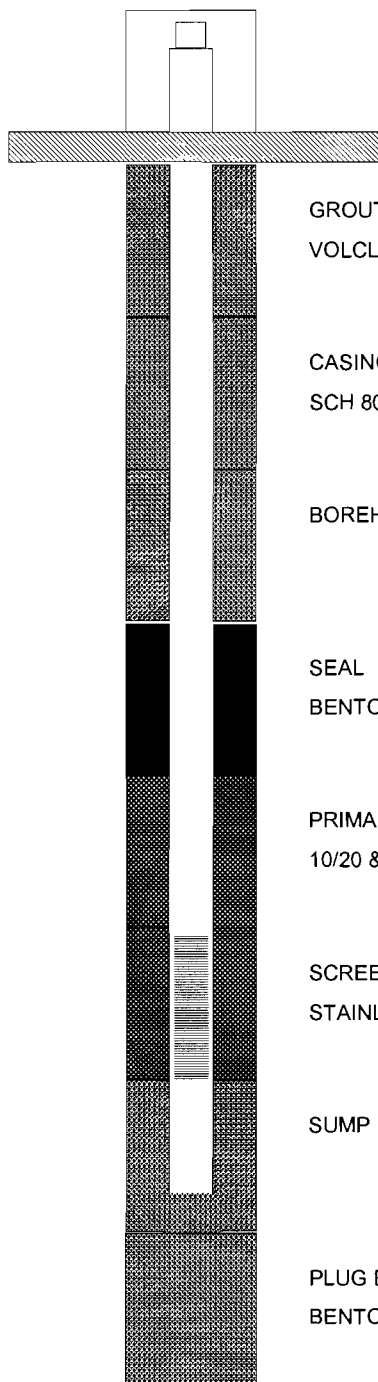
Initial Water Elevation: 4879.1 (FAMSL)
Initial Depth To Water: 418 (FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | | 1.4 | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 346' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 448' | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 470' | |
| | | O.D. 7.875" | |
| Interval | Start | Stop | |
| SEAL | 346' | 358' | |
| BENTONITE PELLET | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 358' | 453' | |
| 10/20 & 20/40 MESH | | | |
| Interval | Start | Stop | |
| SCREEN | 413' | 438' | |
| STAINLESS STEEL | | | |
| | Slot Size | .01" | |
| Interval | Start | Stop | |
| SUMP | 438' | 448' | |
| Interval | Start | Stop | |
| PLUG BACK | 453' | 470' | |
| BENTONITE/PEA GRAVEL | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | LANDFILL 1 |
| ER ADS #: | NA | Well Completion Date: | 19-AUG-1992 |
| Well Name: | KAFB-0117 | Completion Zone: | BROWN CLAY/MED GRAIN SAND |
| Well ID Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 16-AUG-1992 | Well Comment: | DRILLED 100' IN FEB ---> THEN DRILLED REMAINING IN AUGUST |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 448 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: KAFB EAST RUNWAY |
| ER ADS #: NA | Well Completion Date: |
| Well Name: KAFB-2 | Completion Zone: COARSE SAND AND GRAVEL |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-JAN-1951 | Well Comment: |
| Drilling Contractor: | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1000 | |
| Casing Depth: 1000 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 400524.832

(Y) Northing: 1470763.102

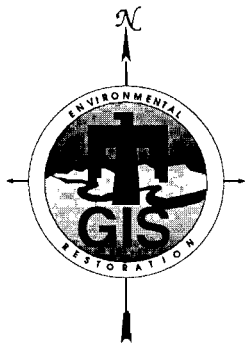
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5324.39

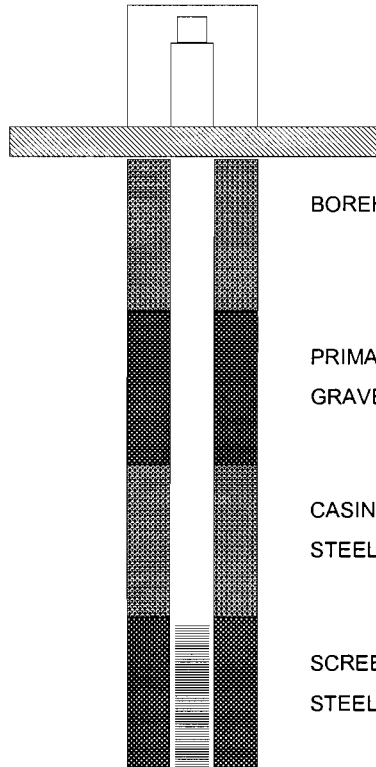
Concrete Pad:

Ground Surface: 5324.39



Completion Data Measured Depths (FBGS)

Casing Stickup:



| Interval | Start | Stop |
|---------------------|-------|----------|
| BOREHOLE | 0' | 1000' |
| | | O.D. 24" |
| Interval | Start | Stop |
| PRIMARY PACK GRAVEL | 0' | 1000' |
| Interval | Start | Stop |
| CASING STEEL | 0' | 1000' |
| | | O.D. 12" |
| Interval | Start | Stop |
| SCREEN STEEL | 494' | 1000' |

Calculated Depths and Elevations

Initial Water Elevation: 4900.39
(FAMSL)

Initial Depth To Water: 424
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|---------------------------|--------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 10-JAN-1984 |
| Well Name: | KAFB-0213 | Completion Zone: | SAND AND GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 03-JAN-1984 | Well Comment: | ALTERNATE NAME: LF/DM-02 |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 450 | WATER LEVEL MEASURED 1984 | |
| Casing Depth: | 438 | | |

Survey Data

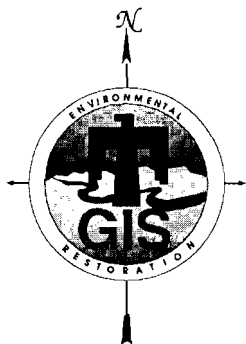
Survey Date: 01-JAN-1997
 Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 409401.92
 (Y) Northing: 1465451.23

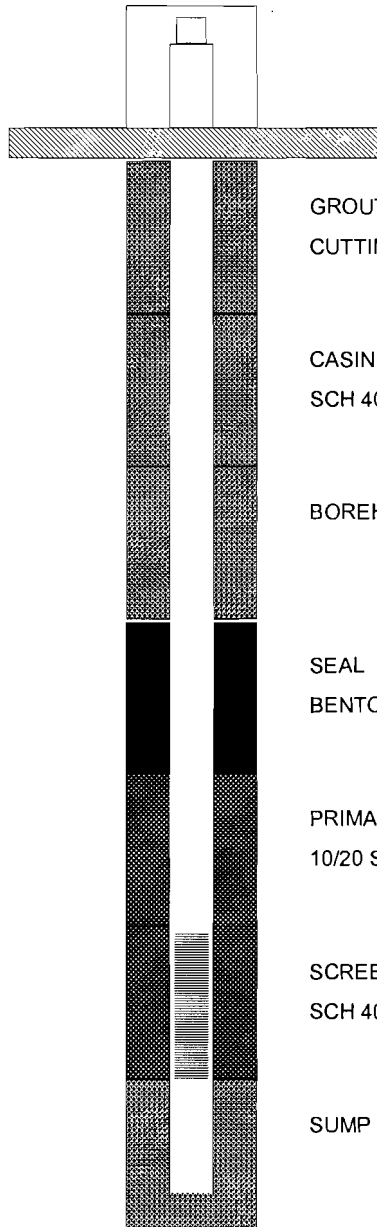
Surveyed Elevations (FAMSL)

Protective Casing: 5283.89
 Top of Inner Well Casing: 5279.33
 Concrete Pad: 5281.4
 Ground Surface: 5294.59



Completion Data Measured Depths (FBGS)

| | | | | | |
|------------------------|--------------|------|------------------|-------|--|
| Casing Stickup: | 1.87 | | | | |
| Interval | Start | | Stop | | |
| GROUT/BACKFILL | | 0' | | 367' | |
| CUTTINGS/NATIVE | | | | | |
| Interval | Start | | Stop | | |
| CASING | | 0' | | 438' | |
| SCH 40 PVC | | | | | |
| Interval | Start | | Stop | | |
| BOREHOLE | | 0' | | 450' | |
| | | | O.D. | 8.75" | |
| Interval | Start | | Stop | | |
| SEAL | | 367' | | 370' | |
| BENTONITE | | | | | |
| Interval | Start | | Stop | | |
| PRIMARY PACK | | 370' | | 450' | |
| 10/20 SILICA SAND | | | | | |
| Interval | Start | | Stop | | |
| SCREEN | | 378' | | 428' | |
| SCH 40 PVC | | | | | |
| | | | Slot Size | .02" | |
| Interval | Start | | Stop | | |
| SUMP | | 428' | | 438' | |



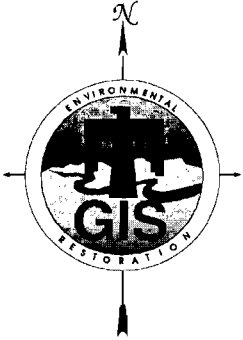
Calculated Depths and Elevations

Initial Water Elevation: 4903.92
 (FAMSL)
 Initial Depth To Water: 378.5
 (FBGS)
 Last measured water level was 4877.94 FASL
 asured on 28-AUG-1995

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 10-JAN-1984 |
| Well Name: | KAFB-0213 | Completion Zone: | SAND AND GRAVEL |
| Well Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 03-JAN-1984 | Well Comment: | ALTERNATE NAME: LF/DM-02 |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 450 | | WATER LEVEL MEASURED 1984 |
| Casing Depth: | 438 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: KAFB |
| ER ADS #: NA | Well Completion Date: 25-SEP-1991 |
| Well Name: KAFB-0214 | Completion Zone: GRANULES/COARSE SAND/PEBBLES |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 16-SEP-1991 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 460 | |
| Casing Depth: 405 | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 407892.18
(Y) Northing: 1465298.26

Surveyed Elevations (FAMSL)

Protective Casing: 5257.94
Top of Inner Well Casing: 5252.55
Concrete Pad: 5255.85
Ground Surface:



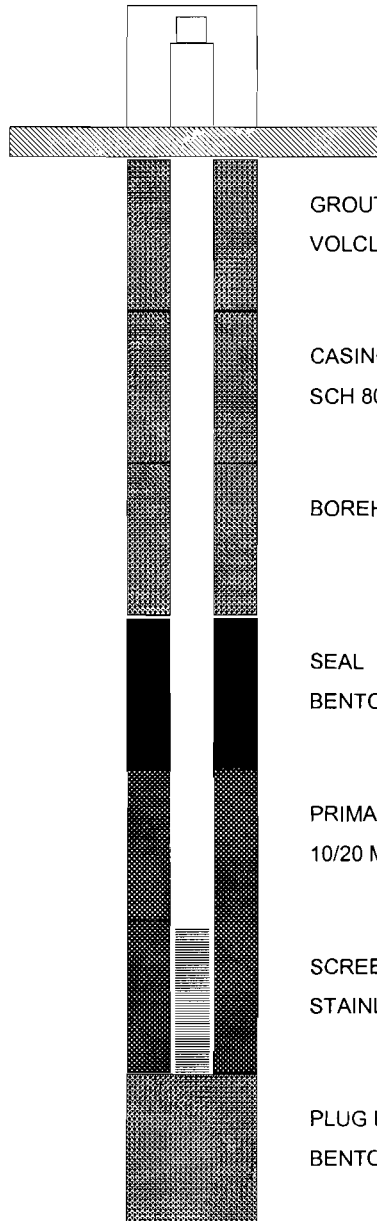
Calculated Depths and Elevations

Initial Water Elevation: 4902.96
(FAMSL)
Initial Depth To Water: 353
(FBGS)

Last measured water level was 4876.33 **FASL**
Measured on 05-AUG-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



| | | | |
|-----------------------------|--------------------|--------------------|------|
| Casing Stickup: 1.39 | | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 289' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 405' | |
| SCH 80 PVC | I.D. 3.826" | O.D. | 4.5" |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 460' | |
| | | O.D. 7.875" | |
| Interval | Start | Stop | |
| SEAL | 289' | 322' | |
| BENTONITE | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 322' | 410' | |
| 10/20 MESH | | | |
| Interval | Start | Stop | |
| SCREEN | 370' | 395' | |
| STAINLESS STEEL | | | |
| | Slot Size | .01" | |
| Interval | Start | Stop | |
| PLUG BACK | 410' | 420' | |
| BENTONITE/PEA GRAVEL | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|------------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 25-SEP-1991 |
| Well Name: | KAFB-0214 | Completion Zone: | GRANULES/COARSE SAND/PEBBLES |
| Well Identifier Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 16-SEP-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 460 | | |
| Casing Depth: | 405 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: KAFB |
| ER ADS #: NA | Well Completion Date: 12-OCT-1991 |
| Well Name: KAFB-0215 | Completion Zone: COARSE SAND/SILT/CLAY |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 10-OCT-1991 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 440 | |
| Casing Depth: 405 | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 408592.97
(Y) Northing: 1464067.62

Surveyed Elevations (FAMSL)

Protective Casing: 5266.93
Top of Inner Well Casing: 5260.43
Concrete Pad: 5264.4
Ground Surface:



Calculated Depths and Elevations

Initial Water Elevation: 4888.15
(FAMSL)
Initial Depth To Water: 375
(FBGS)
Last measured water level was **FASL**
measured on 25-SEP-1997

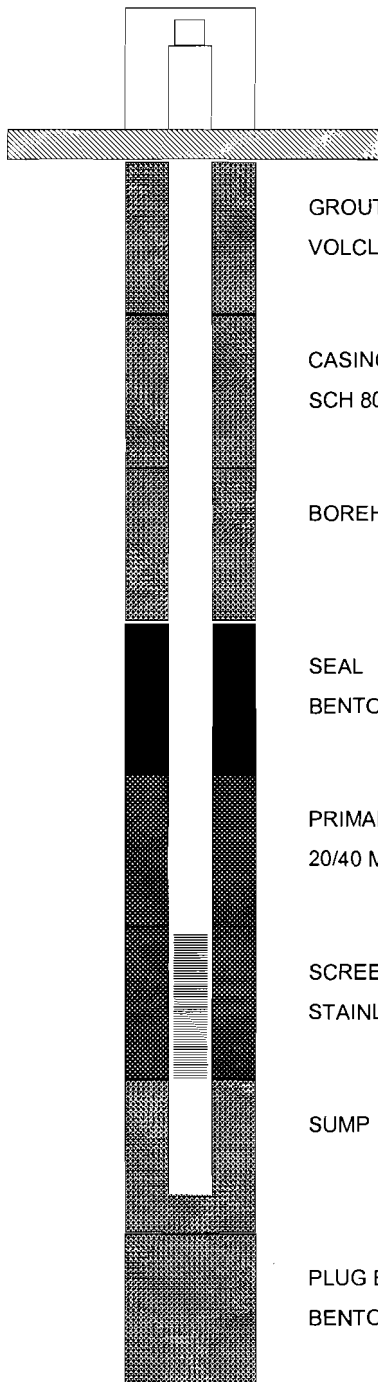
Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

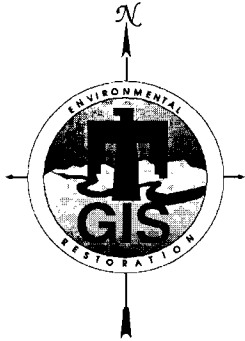
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| Interval | Start | Stop |
|----------------------|----------------|-------------|
| GROUT/BACKFILL | 0' | 289' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 405' |
| SCH 80 PVC | I.D. 3.826" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 440' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 289' | 304' |
| BENTONITE | | |
| Interval | Start | Stop |
| PRIMARY PACK | 304' | 415' |
| 20/40 MESH | | |
| Interval | Start | Stop |
| SCREEN | 370' | 395' |
| STAINLESS STEEL | | |
| | Slot Size .01" | |
| Interval | Start | Stop |
| SUMP | 395' | 405' |
| | | |
| Interval | Start | Stop |
| PLUG BACK | 405' | 440' |
| BENTONITE/PEA GRAVEL | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|-----------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 12-OCT-1991 |
| Well Name: | KAFB-0215 | Completion Zone: | COARSE SAND/SILT/CLAY |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 10-OCT-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 440 | | |
| Casing Depth: | 405 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|-------------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 17-JUL-1992 |
| Well Name: | KAFB-0216 | Completion Zone: | SMALL GRAVEL/COARSE SAND/CLAY |
| Well Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-FEB-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 420 | | |
| Casing Depth: | 384 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING
COMPANY

State Plane Coordinates

(X) Easting: 406934.16

(Y) Northing: 1464992.08

Surveyed Elevations (FAMSL)

| | |
|---------------------------|---------|
| Protective Casing: | 5243.05 |
|---------------------------|---------|

| | |
|---------------------------|---------|
| Top of Inner Well Casing: | 5238.94 |
|---------------------------|---------|

| | |
|---------------|---------|
| Concrete Pad: | 5240.61 |
|---------------|---------|

Ground Surface:



Calculated Depths and Elevations

Initial Water Elevation: 4886.84
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was FASL
measured on

| | |
|-----------------------------------|-------------------------------------|
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |
|-----------------------------------|-------------------------------------|

Completion Data Measured Depths
(FBGS)

Casing Stickup: 1.35

| Interval | Start | Stop |
|----------------|-------|------|
| GROUT/BACKFILL | 0' | 277' |
| VOLCLAY | | |

| Interval | Start | Stop |
|-----------------|-------------|------|
| CASING | 0' | 384' |
| STAINLESS STEEL | I.D. 3.826" | |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 420' |
| | | O.D. 7.875" |

| Interval | Start | Stop |
|-----------|-------|------|
| SEAL | 277' | 292' |
| BENTONITE | | |

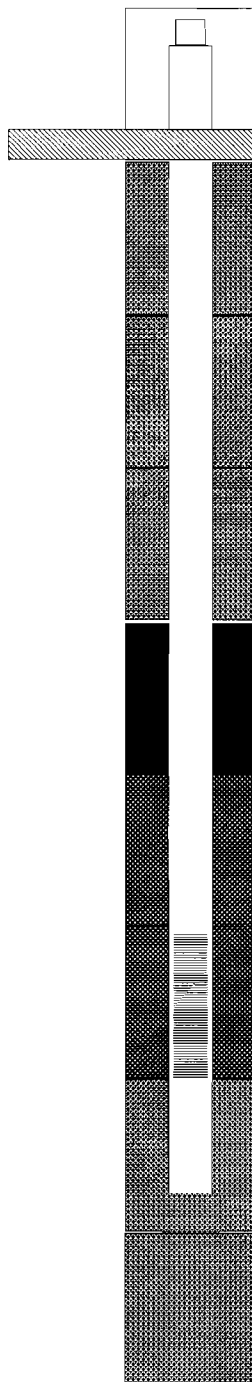
| Interval | Start | Stop |
|--------------|-------|------|
| PRIMARY PACK | 292' | 390' |
| 20/40 MESH | | |

| Interval | Start | Stop |
|-----------------|-------|------|
| SCREEN | 349' | 374' |
| STAINLESS STEEL | | |

Slot Size .01"

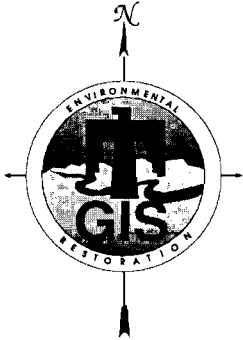
| Interval | Start | Stop |
|----------|-------|------|
| SUMP | 374' | 384' |

| Interval | Start | Stop |
|----------------------|-------|------|
| PLUG BACK | 390' | 420' |
| BENTONITE/PEA GRAVEL | | |



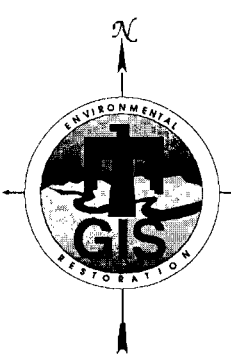
WELL DATABASE SUMMARY SHEET

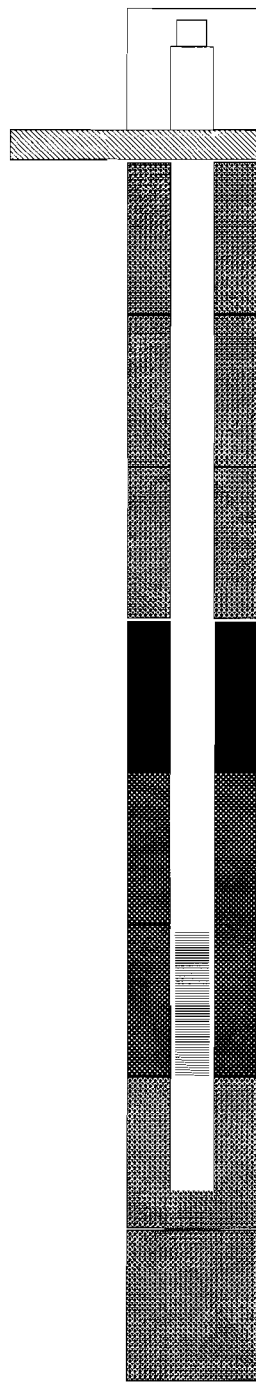
| | | | |
|-------------------------------|-----------------------------|---------------------------------|-------------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 17-JUL-1992 |
| Well Name: | KAFB-0216 | Completion Zone: | SMALL GRAVEL/COARSE SAND/CLAY |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-FEB-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 420 | | |
| Casing Depth: | 384 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: KAFB |
| ER ADS #: NA | Well Completion Date: 17-JUL-1992 |
| Well Name: KAFB-0217 | Completion Zone: GRANULES/COARSE SAND/GRAVEL |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 02-FEB-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGUR/MUD ROTAF | |
| Borehole Depth: 412 | |
| Casing Depth: 398 | |

| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|
| Survey Date: 01-JAN-1997 | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | |
| State Plane Coordinates | | | | |
| (X) Easting: 407667.04 | | | | |
| (Y) Northing: 1465424.39 | | | | |
| Surveyed Elevations (FAMSL) | | | | |
| Protective Casing: 5253.91 | | | | |
| Top of Inner Well Casing: 5249.11 | | | | |
| Concrete Pad: 5252.29 | | | | |
| Ground Surface: | | | | |
|  | | | | |
| Calculated Depths and Elevations | | | | |
| Initial Water Elevation: 4884.5 (FAMSL) | | | | |
| Initial Depth To Water: 368 (FBGS) | | | | |
| Last measured water level was FASL | | | | |
| asured on | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | |



| | |
|------------------------|--------------------------|
| Casing Stickup: | 1.33 |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 295' |
| VOLCLAY | |
| Interval | Start Stop |
| CASING | 0' 398' |
| PVC/SS | I.D. 3.826" |
| Interval | Start Stop |
| BOREHOLE | 0' 412' |
| | O.D. 7.875" |
| Interval | Start Stop |
| SEAL | 295' 308' |
| BENTONITE PELLETS | |
| Interval | Start Stop |
| PRIMARY PACK | 308' 402' |
| 10/20 & 20/40 MESH | |
| Interval | Start Stop |
| SCREEN | 363' 388' |
| STAINLESS STEEL | |
| | Slot Size .01" |
| Interval | Start Stop |
| SUMP | 388' 398' |
| Interval | Start Stop |
| PLUG BACK | 402' 412' |
| BENTONITE/PEA GRAVEL | |


WELL DATABASE SUMMARY SHEET

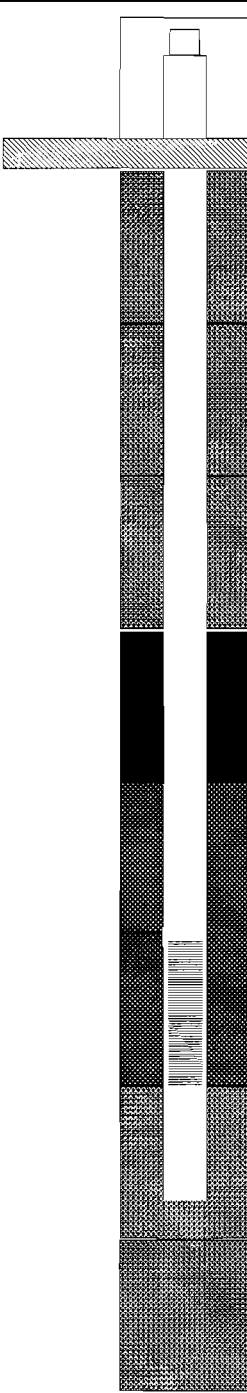
| | | | |
|-------------------------------|-----------------------------|---------------------------------|-----------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 17-JUL-1992 |
| Well Name: | KAFB-0217 | Completion Zone: | GRANULES/COARSE SAND/GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 02-FEB-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGUR/MUD ROTAF | | |
| Borehole Depth: | 412 | | |
| Casing Depth: | 398 | | |



WELL DATABASE SUMMARY SHEET

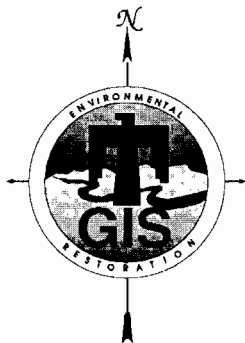
| | |
|---|--|
| Project Name: IRP | Geo Location: KAFB |
| ER ADS #: NA | Well Completion Date: 01-JUN-1992 |
| Well Name: KAFB-0218 | Completion Zone: SAND AND GRAVEL |
| Well Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 14-FEB-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 430 | |
| Casing Depth: 416 | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|--|----------------------------------|--|--|--|---|
| Survey Date: 01-JAN-1997 | | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 408763.9 | | | | | |
| (Y) Northing: 1465518.55 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: 5272.09 | | | | | |
| Top of Inner Well Casing: 5266.82 | | | | | |
| Concrete Pad: 5269.24 | | | | | |
| Ground Surface: | | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 4883.65 (FAMSL) | | | | | |
| Initial Depth To Water: 386 (FBGS) | | | | | |
| Last measured water level was 4877.84 FASL asured on 30-OCT-1995 | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|-----------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 01-JUN-1992 |
| Well Name: | KAFB-0218 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 14-FEB-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 430 | | |
| Casing Depth: | 416 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|--|-----------------------------------|--|
| Project Name: IRP | Geo Location: KAFB | |
| ER ADS #: NA | Well Completion Date: 04-AUG-1991 | |
| Well Name: KAFB-0307 | Completion Zone: SAND AND CLAY | |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE | |
| Date Drilling Started: 28-MAY-1991 | Well Comment: | |
| Drilling Contractor: USGS | | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: 502 | | |
| Casing Depth: 460 | | |

Survey Data

Survey Date: 01-JAN-1997
 Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 415798.73
 (Y) Northing: 1469370.79

Surveyed Elevations (FAMSL)

Protective Casing: 5366.61
 Top of Inner Well Casing: 5361.86
 Concrete Pad: 5364.27
 Ground Surface: 5360



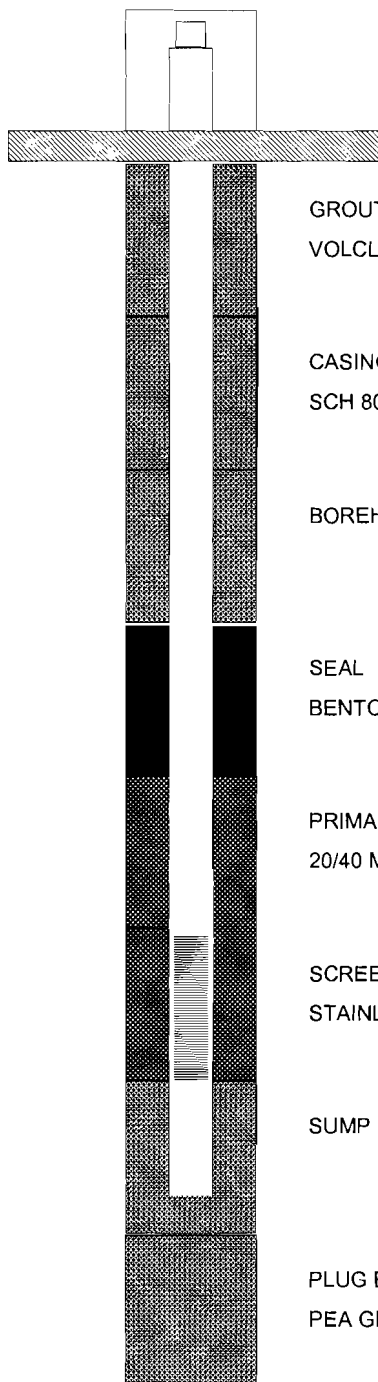
Calculated Depths and Elevations

Initial Water Elevation: 4946.21
 (FAMSL)
 Initial Depth To Water: 418
 (FBGS)

Last measured water level was _____ FASL
 asured on _____

Completion Data Measured Depths (FBGS)

| | | |
|------------------------|------------------|-------------|
| Casing Stickup: | | 1.36 |
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 335' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 460' |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 502' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 335' | 346' |
| BENTONITE | | |
| Interval | Start | Stop |
| PRIMARY PACK | 346' | 488' |
| 20/40 MESH | | |
| Interval | Start | Stop |
| SCREEN | 405' | 450' |
| STAINLESS STEEL | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 450' | 460' |
| Interval | Start | Stop |
| PLUG BACK | 488' | 502' |
| PEA GRAVEL | | |



Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|---------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 04-AUG-1991 |
| Well Name: | KAFB-0307 | Completion Zone: | SAND AND CLAY |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 28-MAY-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 502 | | |
| Casing Depth: | 460 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|----------------------|
| Project Name: | IRP | Geo Location: | N SIDE OF LANDFILL 4 |
| ER ADS #: | NA | Well Completion Date: | 31-JUL-1991 |
| Well Name: | KAFB-0308 | Completion Zone: | CLAYEY/SILTY SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-JUL-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAR | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 498 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 416372.33
(Y) Northing: 1469335.72

Surveyed Elevations (FAMSL)

Protective Casing: 5383.21
Top of Inner Well Casing: 5378.98
Concrete Pad: 5381.7
Ground Surface: 5378



Calculated Depths and Elevations

Initial Water Elevation: 4963.38
(FAMSL)
Initial Depth To Water: 418
(FBGS)
Last measured water level was 4926.12 **FASL**
measured on 13-SEP-1995

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | |
|-----------------------------|-----------------------|
| Casing Stickup: 1.02 | |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 404' |
| VOLCLAY | |
| Interval | Start Stop |
| CASING | 0' 498' |
| SCH 80 PVC | I.D. 3.826" O.D. 4.5" |
| Interval | Start Stop |
| BOREHOLE | 0' 520' |
| | O.D. 7.875" |
| Interval | Start Stop |
| SEAL | 404' 416' |
| BENTONITE PELLET | |
| Interval | Start Stop |
| PRIMARY PACK | 416' 510' |
| 20/40 SILICA SAND | |
| Interval | Start Stop |
| SCREEN | 463' 488' |
| STAINLESS STEEL | |
| | Slot Size .01" |
| Interval | Start Stop |
| SUMP | 488' 498' |
| Interval | Start Stop |
| PLUG BACK | 510' 520' |
| BENTONITE/PEA GRAVEL | |

WELL DATABASE SUMMARY SHEET


| | | | |
|-------------------------------|-----------------------------|---------------------------------|----------------------|
| Project Name: | IRP | Geo Location: | N SIDE OF LANDFILL 4 |
| ER ADS #: | NA | Well Completion Date: | 31-JUL-1991 |
| Well Name: | KAFB-0308 | Completion Zone: | CLAYEY/SILTY SAND |
| r Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-JUL-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 498 | | |

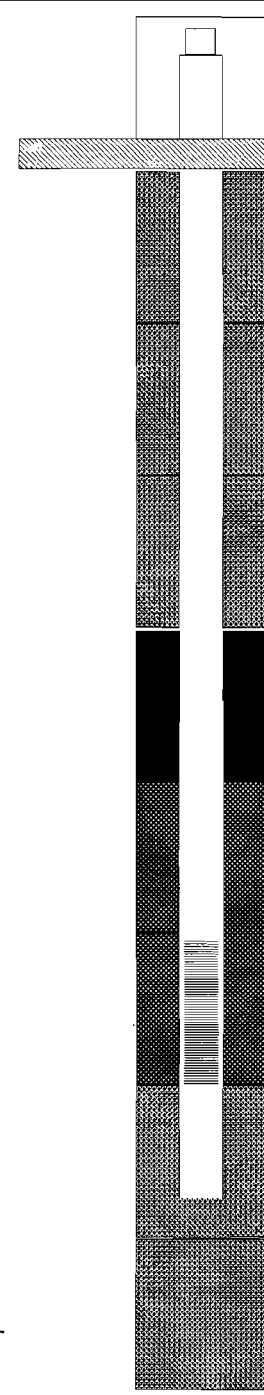


WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: KAFB EAST LANDFILL |
| ER ADS #: NA | Well Completion Date: 07-JUL-1992 |
| Well Name: KAFB-0309 | Completion Zone: SILTY SAND/VF-MG/CG/VCG SAND |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 06-JUN-1991 | Well Comment: PVC RISER/STAINLESS STEEL SCREEN AND SUMP *SUSPECT ELEVATION |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 562 | |
| Casing Depth: 535 | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|--|--|--|--|--|---|
| Survey Date: 01-JAN-1997 | | | | | Casing Stickup: 1.77 |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 417149.68 | | | | | Interval Start Stop |
| (Y) Northing: 1469407.71 | | | | | GROUT/BACKFILL 0' 438' |
| Surveyed Elevations (FAMSL) | | | | | VOLCLAY |
| Protective Casing: 5413.63 | | | | | Interval Start Stop |
| Top of Inner Well Casing: 5409.13 | | | | | CASING 0' 535' |
| Concrete Pad: 5411.05 | | | | | SCH 80 PVC I.D. 3.826" O.D. 4.5" |
| Ground Surface: 5408 | | | | | Interval Start Stop |
| | | | | | BOREHOLE 0' 562' |
| | | | | | O.D. 7.875" |
| | | | | | Interval Start Stop |
| | | | | | SEAL 438' 453' |
| | | | | | BENTONITE PELLETS |
| | | | | | Interval Start Stop |
| | | | | | PRIMARY PACK 453' 541' |
| | | | | | 20/40 MESH |
| | | | | | Interval Start Stop |
| | | | | | SCREEN 500' 525' |
| | | | | | STAINLESS STEEL |
| | | | | | Slot Size .01" |
| | | | | | Interval Start Stop |
| | | | | | SUMP 525' 535' |
| | | | | | Interval Start Stop |
| | | | | | PLUG BACK 541' 562' |
| | | | | | BENTONITE/PEA GRAVEL |





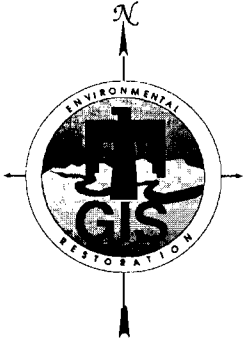
| Calculated Depths and Elevations | |
|---|-------------|
| Initial Water Elevation: (FAMSL) | 5036.58 |
| Initial Depth To Water: (FBGS) | 375 |
| Last measured water level was | FASL |
| asured on | |

Date Updated:
14-MAR-00

Date Printed:
12-JAN-2004


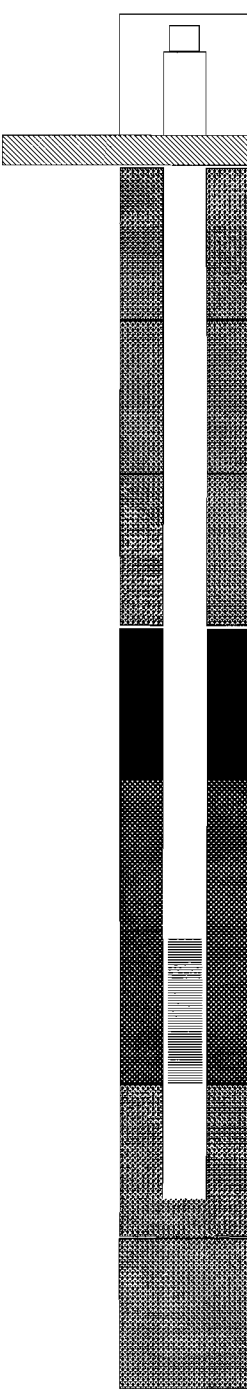
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | KAFB EAST LANDFILL |
| ER ADS #: | NA | Well Completion Date: | 07-JUL-1992 |
| Well Name: | KAFB-0309 | Completion Zone: | SILTY SAND/VF-MG/CG/CG SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 06-JUN-1991 | Well Comment: | PVC RISER/STAINLESS STEEL SCREEN AND SUMP *SUSPECT ELEVATION |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 562 | | |
| Casing Depth: | 535 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: KAFB EAST LANDFILL |
| ER ADS #: NA | Well Completion Date: 27-AUG-1991 |
| Well Name: KAFB-0310 | Completion Zone: SILTY SAND |
| Driller Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 23-AUG-1991 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 510 | |
| Casing Depth: 455 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|-------|------|----------------|----|------|---------|--|--|-----------------|--------------|-------------|--------|----|------|------------|-------------|--|-----------------|--------------|-------------|----------|----|------|--|--|-------------|-----------------|--------------|-------------|------|------|------|-----------|--|--|-----------------|--------------|-------------|--------------|------|------|------------|--|--|-----------------|--------------|-------------|--------|------|------|-----------------|--|-----------|-----------------|--------------|-------------|------|------|------|-----------------|--------------|-------------|-----------|------|------|----------------------|--|--|
| Survey Date: 01-JAN-1997 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 416996.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1466797.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: 5419.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5413.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5416.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5410.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | Casing Stickup: 1.67 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Interval</th> <th style="text-align: center;">Start</th> <th style="text-align: center;">Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">320'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">455'</td> </tr> <tr> <td>SCH 80 PVC</td> <td style="text-align: right;">I.D. 3.826"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">510'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 7.875"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">320'</td> <td style="text-align: right;">331'</td> </tr> <tr> <td>BENTONITE</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">331'</td> <td style="text-align: right;">465'</td> </tr> <tr> <td>20/40 MESH</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">400'</td> <td style="text-align: right;">445'</td> </tr> <tr> <td>STAINLESS STEEL</td> <td></td> <td style="text-align: right;">O.D. .01"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">445'</td> <td style="text-align: right;">455'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PLUG BACK</td> <td style="text-align: right;">465'</td> <td style="text-align: right;">510'</td> </tr> <tr> <td>BENTONITE/PEA GRAVEL</td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 320' | VOLCLAY | | | Interval | Start | Stop | CASING | 0' | 455' | SCH 80 PVC | I.D. 3.826" | | Interval | Start | Stop | BOREHOLE | 0' | 510' | | | O.D. 7.875" | Interval | Start | Stop | SEAL | 320' | 331' | BENTONITE | | | Interval | Start | Stop | PRIMARY PACK | 331' | 465' | 20/40 MESH | | | Interval | Start | Stop | SCREEN | 400' | 445' | STAINLESS STEEL | | O.D. .01" | Interval | Start | Stop | SUMP | 445' | 455' | Interval | Start | Stop | PLUG BACK | 465' | 510' | BENTONITE/PEA GRAVEL | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 320' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 455' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 510' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 320' | 331' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 331' | 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/40 MESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 400' | 445' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | O.D. .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 445' | 455' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 465' | 510' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE/PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was 5052.47 FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on 05-AUG-1996 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------|
| Project Name: | IRP | Geo Location: | KAFB EAST LANDFILL |
| ER ADS #: | NA | Well Completion Date: | 27-AUG-1991 |
| Well Name: | KAFB-0310 | Completion Zone: | SILTY SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 23-AUG-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 455 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|------------------------------|
| Project Name: | IRP | Geo Location: | TIJERAS ARROYO/EAST LANDFILL |
| ER ADS #: | NA | Well Completion Date: | 24-JUL-1992 |
| Well Name: | KAFB-0311 | Completion Zone: | SOFT BROWN SILTY CLAY |
| Well Identifier Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 20-JUL-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 468 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING
COMPANY

State Plane Coordinates

(X) Easting: 415335.94

(Y) Northing: 1468620.3

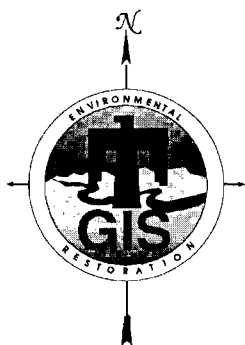
Surveyed Elevations (FAMSL)

| | |
|--------------------|---------|
| Protective Casing: | 5355.45 |
|--------------------|---------|

Top of Inner Well Casing: 5350.62

| | |
|---------------|---------|
| Concrete Pad: | 5353.57 |
|---------------|---------|

Ground Surface: 5349



Calculated Depths and Elevations

Initial Water Elevation: 4925.48
(FAMSL)

Initial Depth To Water:
(FBGS)

| | |
|-------------------------------|------|
| Last measured water level was | FASL |
| asured on 25-SEP-1997 | |

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths
(FBGS)

Casing Stickup: 1.58

| Interval | Start | Stop |
|----------------|-------|------|
| GROUT/BACKFILL | 0' | 335' |
| VOLCLAY | | |

| Interval | Start | Stop |
|------------|-------------|-----------|
| CASING | 0' | 468' |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 470' |
| | | O.D. 7.875" |

| Interval | Start | Stop |
|-------------------|-------|------|
| SEAL | 335' | 355' |
| BENTONITE PELLETS | | |

| Interval | Start | Stop |
|--------------------|-------|------|
| PRIMARY PACK | 355' | 468' |
| 10/20 & 20/40 MESH | | |

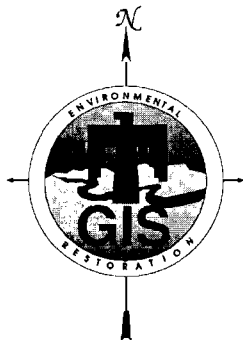
| Interval | Start | Stop |
|-----------------|-----------|------|
| SCREEN | 433' | 458' |
| STAINLESS STEEL | Slot Size | .01" |

| Interval | Start | Stop |
|----------|-------|------|
| SUMP | 458' | 468' |

| Interval | Start | Stop |
|------------|-------|------|
| PLUG BACK | 468' | 470' |
| PEA GRAVEL | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|------------------------------|
| Project Name: | IRP | Geo Location: | TIJERAS ARROYO/EAST LANDFILL |
| ER ADS #: | NA | Well Completion Date: | 24-JUL-1992 |
| Well Name: | KAFB-0311 | Completion Zone: | SOFT BROWN SILTY CLAY |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 20-JUL-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 470 | | |
| Casing Depth: | 468 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB IRP | Geo Location: LF-08 TIJERAS ARROYO |
| ER ADS #: | Well Completion Date: 26-AUG-1998 |
| Well Name: KAFB-0312 | Completion Zone: REGIONAL AQUIFER |
| Operator Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | |
| Drilling Contractor: BEYLIK DRILLING CO. | Well Comment: |
| Drilling Method: ARCH | |
| Borehole Depth: 537 | |
| Casing Depth: 533 | |

Survey Data

Survey Date: 01-NOV-1998
Surveyed By: HALL ENGINEERING CO.

State Plane Coordinates

(X) Easting: 418411.09
(Y) Northing: 1466654.48

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5429.5

Concrete Pad:

Ground Surface: 5427.52

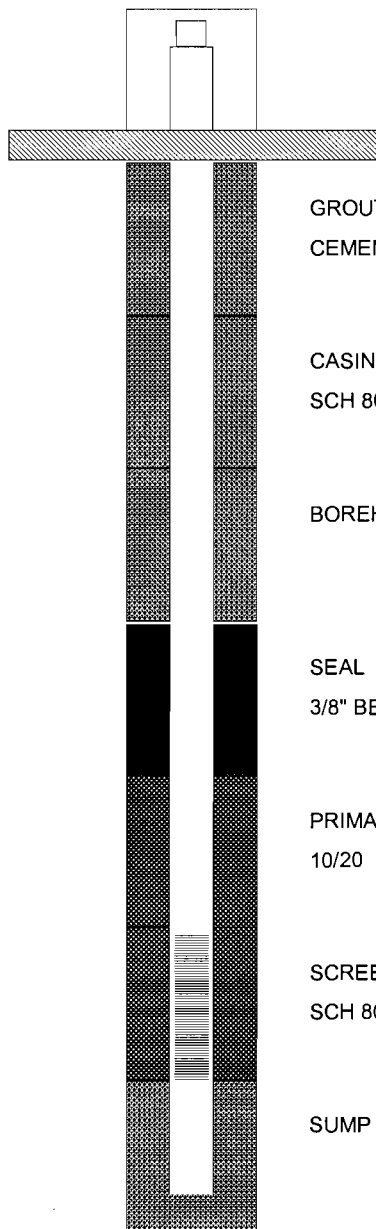


Calculated Depths and Elevations

Initial Water Elevation: 4996.96
(FAMSL)
Initial Depth To Water: 432.54
(FBGS)

Last measured water level was **FASL**
measured on

Completion Data Measured Depths (FBGS)

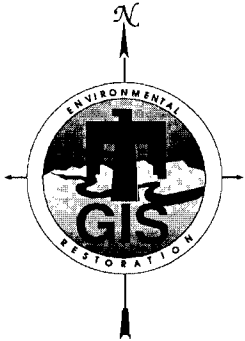


| | | | |
|-----------------------------|--------------|-----------------------|------|
| Casing Stickup: 1.98 | | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | | 0' | 485' |
| CEMENT/BENT GROUT | | | |
| Interval | Start | Stop | |
| CASING | | 0' | 533' |
| SCH 80 PVC | I.D. 4.5" | O.D. 5" | |
| Interval | Start | Stop | |
| BOREHOLE | | 0' | 537' |
| | | O.D. 9.625" | |
| Interval | Start | Stop | |
| SEAL | | 485' | 498' |
| 3/8" BENT PELLETS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | | 498' | 537' |
| 10/20 | | | |
| Interval | Start | Stop | |
| SCREEN | | 503' | 528' |
| SCH 80 PVC | | | |
| | | Slot Size .01" | |
| Interval | Start | Stop | |
| SUMP | | 528' | 533' |

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|----------------------|
| Project Name: | KAFB IRP | Geo Location: | LF-08 TIJERAS ARROYO |
| ER ADS #: | | Well Completion Date: | 26-AUG-1998 |
| Well Name: | KAFB-0312 | Completion Zone: | REGIONAL AQUIFER |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | BEYLIK DRILLING CO. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 537 | | |
| Casing Depth: | 533 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|--|--|
| Project Name: KAFB-IRP | Geo Location: | |
| ER ADS #: | Well Completion Date: 13-AUG-1998 | |
| Well Name: KAFB-0313 | Completion Zone: | |
| Well Name: KAFB | Formation of Completion: | |
| Date Drilling Started: | Well Comment: | |
| Drilling Contractor: BEYLIK DRILLING CO. | | |
| Drilling Method: ARCH | | |
| Borehole Depth: 535 | | |
| Casing Depth: 373 | | |

| Survey Data | | | | | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|------|--|--|--|--|-------|------|----------|----|------|--------------------|--|--|----------|-------|------|----------------------------------|----|------|----------|-------|------|-------------------|----|------|--------------------------|--|--|----------|-------|------|----------|------|------|--------------------|--|--|----------|-------|------|-----------------------|------|------|----------|-------|------|--------------------|------|------|----------|-------|------|-------------------|------|------|-----------------------|--|--|----------|-------|------|------|------|------|----------|-------|------|--------------------------------|------|------|--|
| Survey Date: 01-NOV-1998 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: HALL ENGINEERING CO. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"> <div> State Plane Coordinates (X) Easting: 416371.23 (Y) Northing: 1467106.12 </div> <div style="text-align: center;"> </div> <div> Casing Stickup: 2.04 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>270'</td> </tr> <tr> <td colspan="3" style="text-align: right;">O.D. 11.75"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>GROUT/BACKFILL CEMENT/BENT GROUT</td> <td>0'</td> <td>340'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>CASING SCH 80 PVC</td> <td>0'</td> <td>373'</td> </tr> <tr> <td colspan="3" style="text-align: right;">I.D. 4.5" O.D. 5"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>270'</td> <td>535'</td> </tr> <tr> <td colspan="3" style="text-align: right;">O.D. 9.625"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL 3/4" BENT. CHIPS</td> <td>340'</td> <td>346'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK 10/20</td> <td>346'</td> <td>370'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN SCH 80 PVC</td> <td>348'</td> <td>368'</td> </tr> <tr> <td colspan="3" style="text-align: right;">Slot Size .01"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SUMP</td> <td>368'</td> <td>373'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PLUG BACK CHIPS/CEM/BENT GROUT</td> <td>370'</td> <td>535'</td> </tr> </tbody> </table> </div> </div> | | | | | | Interval | Start | Stop | BOREHOLE | 0' | 270' | O.D. 11.75" | | | Interval | Start | Stop | GROUT/BACKFILL CEMENT/BENT GROUT | 0' | 340' | Interval | Start | Stop | CASING SCH 80 PVC | 0' | 373' | I.D. 4.5" O.D. 5" | | | Interval | Start | Stop | BOREHOLE | 270' | 535' | O.D. 9.625" | | | Interval | Start | Stop | SEAL 3/4" BENT. CHIPS | 340' | 346' | Interval | Start | Stop | PRIMARY PACK 10/20 | 346' | 370' | Interval | Start | Stop | SCREEN SCH 80 PVC | 348' | 368' | Slot Size .01" | | | Interval | Start | Stop | SUMP | 368' | 373' | Interval | Start | Stop | PLUG BACK CHIPS/CEM/BENT GROUT | 370' | 535' | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 270' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O.D. 11.75" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL CEMENT/BENT GROUT | 0' | 340' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING SCH 80 PVC | 0' | 373' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I.D. 4.5" O.D. 5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 270' | 535' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL 3/4" BENT. CHIPS | 340' | 346' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK 10/20 | 346' | 370' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN SCH 80 PVC | 348' | 368' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 368' | 373' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK CHIPS/CEM/BENT GROUT | 370' | 535' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5416.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5414.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) 5064.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) 351.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-------------|
| Project Name: | KAFB-IRP | Geo Location: | |
| ER ADS #: | | Well Completion Date: | 13-AUG-1998 |
| Well Name: | KAFB-0313 | Completion Zone: | |
| Well ID Name: | KAFB | Formation of Completion: | |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | BEYLIK DRILLING CO. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 535 | | |
| Casing Depth: | 373 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: LF08-TIJERAS ARROYO |
| ER ADS #: | Well Completion Date: 30-SEP-1998 |
| Well Name: KAFB-0314 | Completion Zone: PERCHED AQUIFER |
| Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | |
| Drilling Contractor: BEYLIK DRILLING CO. | Well Comment: |
| Drilling Method: ARCH | |
| Borehole Depth: 457 | |
| Casing Depth: 453 | |

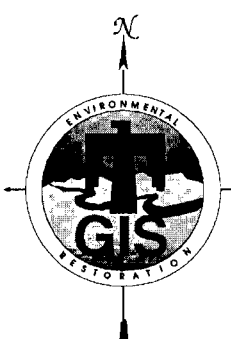
| Survey Data | | Completion Data Measured Depths (FBGS) |
|--|--|---|
| Survey Date: 01-NOV-1998 | | |
| Surveyed By: HALL ENGINEERING CO. | | |
| State Plane Coordinates | | Casing Stickup: 2.04 |
| (X) Easting: 418395.37 | | Interval Start Stop |
| (Y) Northing: 1468521.17 | | GROUT/BACKFILL 0' 419' |
| | | BENTONITE GROUT |
| | | Interval Start Stop |
| | | CASING 0' 453' |
| | | SCH 80 PVC I.D. 4.5" O.D. 5" |
| | | Interval Start Stop |
| | | BOREHOLE 0' 457' |
| | | O.D. 9.625" |
| | | Interval Start Stop |
| | | SEAL 419' 425' |
| | | 3/8" BENT PELLETS |
| | | Interval Start Stop |
| | | PRIMARY PACK 425' 451' |
| | | 10/20 |
| | | Interval Start Stop |
| | | SCREEN 428' 448' |
| | | SCH 80 PVC |
| | | Slot Size .01" |
| | | Interval Start Stop |
| | | SUMP 448' 453' |
| | | Interval Start Stop |
| | | PLUG BACK 451' 457' |
| | | BENTONITE PELLETS |

Protective Casing:

Top of Inner Well Casing: 5453.08

Concrete Pad:

Ground Surface: 5451.24



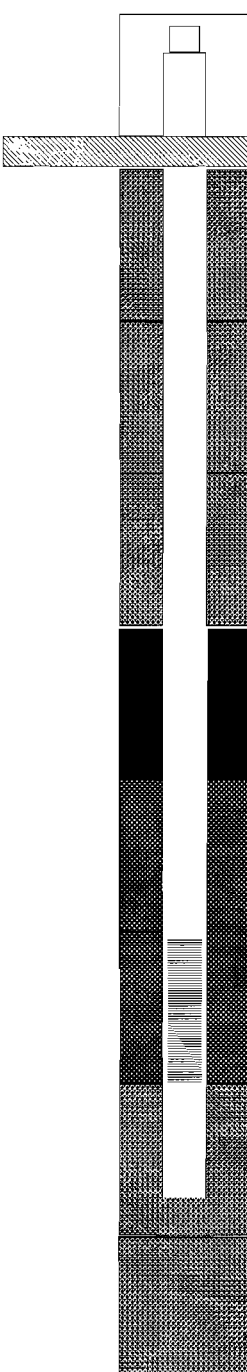
Calculated Depths and Elevations

Initial Water Elevation: 5031.12
(FAMSL)

Initial Depth To Water: 421.96
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---------------------|
| Project Name: | KAFB-IRP | Geo Location: | LF08-TIJERAS ARROYO |
| ER ADS #: | | Well Completion Date: | 30-SEP-1998 |
| Well Name: | KAFB-0314 | Completion Zone: | PERCHED AQUIFER |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | BEYLIK DRILLING CO. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 457 | | |
| Casing Depth: | 453 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: NE OF KIRTLAND LANDFILL |
| ER ADS #: | Well Completion Date: 08-SEP-2000 |
| Well Name: KAFB-0315 | Completion Zone: SAND AND GRAVEL, SOME SILT |
| Well ID Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 28-AUG-2000 | Well Comment: |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 481 | |
| Casing Depth: 477 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 418413.54

(Y) Northing: 1469305.61

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5463.44

Concrete Pad:

Ground Surface: 5461.4



Calculated Depths and Elevations

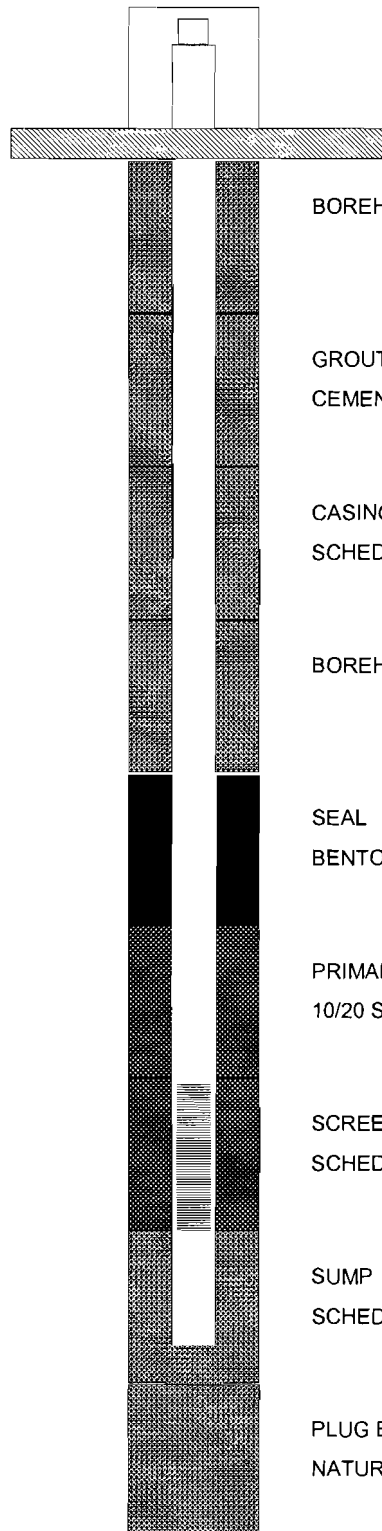
Initial Water Elevation: 4664.94
(FAMSL)

Initial Depth To Water: 443
(FBGS)

Last measured water level was **FASL**
measured on

Date Updated: 18-SEP-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | | |
|--|--|--------------------------|--------------|-----------------------|
|  | | Casing Stickup: 2 | | |
| | | Interval | Start | Stop |
| BOREHOLE | | | 0' | 190' |
| | | | | O.D. 11.75" |
| GROUT/BACKFILL | | Interval | Start | Stop |
| CEMENT BENT. GROUT | | | 0' | 417' |
| CASING | | Interval | Start | Stop |
| SCHEDULE 80 PVC | | | 0' | 477' |
| | | I.D. | 4.5" | O.D. 5" |
| BOREHOLE | | Interval | Start | Stop |
| | | | 190' | 481' |
| | | | | O.D. 9.625" |
| SEAL | | Interval | Start | Stop |
| BENTONITE CHIPS | | | 417' | 442' |
| PRIMARY PACK | | Interval | Start | Stop |
| 10/20 SILICA SAND | | | 442' | 477' |
| SCREEN | | Interval | Start | Stop |
| SCHEDULE 80 PVC | | | 447' | 472' |
| | | | | Slot Size .01" |
| SUMP | | Interval | Start | Stop |
| SCHEDULE 80 PVC | | | 472' | 477' |
| PLUG BACK | | Interval | Start | Stop |
| NATURAL BACKFILL | | | 477' | 481' |


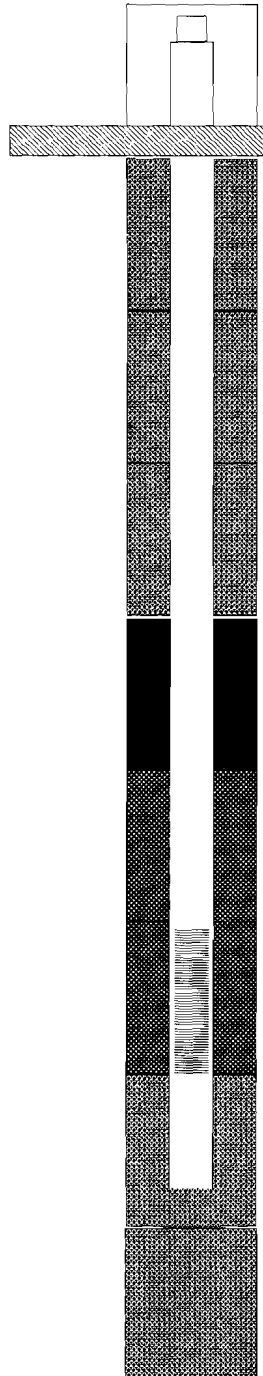
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|----------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NE OF KIRTLAND LANDFILL |
| IR ADS #: | | Well Completion Date: | 08-SEP-2000 |
| Well Name: | KAFB-0315 | Completion Zone: | SAND AND GRAVEL, SOME SILT |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Well Drilling Started: | 28-AUG-2000 | Well Comment: | |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 481 | | |
| Casing Depth: | 477 | | |



WELL DATABASE SUMMARY SHEET

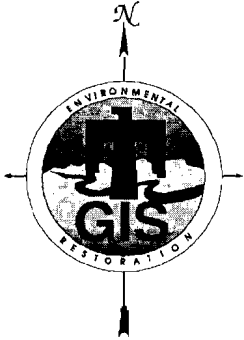
| | |
|--|---|
| Project Name: IRP | Geo Location: KAFB |
| IR ADS #: NA | Well Completion Date: 06-JUN-1992 |
| Well Name: KAFB-0417 | Completion Zone: SAND/CLAY/SMALL GRAVEL |
| Well ID Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 10-NOV-1991 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 500 | |
| Casing Depth: 465 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1997</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting: 394404.89</p> <p>(Y) Northing: 1469586.46</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 5px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5310.4</p> <p>Concrete Pad:</p> <p>Ground Surface:</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 4879.86 (FAMSL)</p> <p>Initial Depth To Water: 435 (FBGS)</p> <p>Last measured water level was FASL measured on 25-SEP-1997</p> <p>Date Updated: 11-MAR-00</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">346'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">465'</td> </tr> <tr> <td>SCH 80 PVC</td> <td style="text-align: right;">I.D. 3.826"</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">500'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 7.875"</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">346'</td> <td style="text-align: right;">360'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">360'</td> <td style="text-align: right;">468'</td> </tr> <tr> <td>20/40 MESH</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">430'</td> <td style="text-align: right;">455'</td> </tr> <tr> <td>STAINLESS STEEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Slot Size .01"</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">455'</td> <td style="text-align: right;">465'</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PLUG BACK</td> <td style="text-align: right;">468'</td> <td style="text-align: right;">500'</td> </tr> <tr> <td>PEA GRAVEL</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 346' | VOLCLAY | | | | | | Interval | Start | Stop | CASING | 0' | 465' | SCH 80 PVC | I.D. 3.826" | | | | | Interval | Start | Stop | BOREHOLE | 0' | 500' | | | O.D. 7.875" | | | | Interval | Start | Stop | SEAL | 346' | 360' | BENTONITE PELLETS | | | | | | Interval | Start | Stop | PRIMARY PACK | 360' | 468' | 20/40 MESH | | | | | | Interval | Start | Stop | SCREEN | 430' | 455' | STAINLESS STEEL | | | | | Slot Size .01" | | | | Interval | Start | Stop | SUMP | 455' | 465' | | | | Interval | Start | Stop | PLUG BACK | 468' | 500' | PEA GRAVEL | | |
|--|--|---|----------|-------|------|----------------|----|------|---------|--|--|--|--|--|----------|-------|------|--------|----|------|------------|-------------|--|--|--|--|----------|-------|------|----------|----|------|--|--|-------------|--|--|--|----------|-------|------|------|------|------|-------------------|--|--|--|--|--|----------|-------|------|--------------|------|------|------------|--|--|--|--|--|----------|-------|------|--------|------|------|-----------------|--|--|--|--|----------------|--|--|--|----------|-------|------|------|------|------|--|--|--|----------|-------|------|-----------|------|------|------------|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 346' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 500' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 346' | 360' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 360' | 468' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/40 MESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 430' | 455' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 455' | 465' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 468' | 500' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Date Printed:
12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|------------------------|
| Project Name: | IRP | Geo Location: | KAFB |
| ER ADS #: | NA | Well Completion Date: | 06-JUN-1992 |
| Well Name: | KAFB-0417 | Completion Zone: | SAND/CLAY/SMALL GRAVEL |
| er Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 10-NOV-1991 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 465 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: KAFB LAGOON |
| ER ADS #: NA | Well Completion Date: 10-NOV-1989 |
| Well Name: KAFB-0501 | Completion Zone: VFG/FG SAND AND SILT |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 07-SEP-1989 | Well Comment: ALTERNATE NAME: LAGOONS - SE |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW STEM AUGER/MUD ROTAF | |
| Borehole Depth: 515 | |
| Casing Depth: 503 | |

Survey Data

Completion Data Measured Depths (FBGS)

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 406793.248

(Y) Northing: 1468358.601

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5358.04

Concrete Pad:

Ground Surface: 5358.04



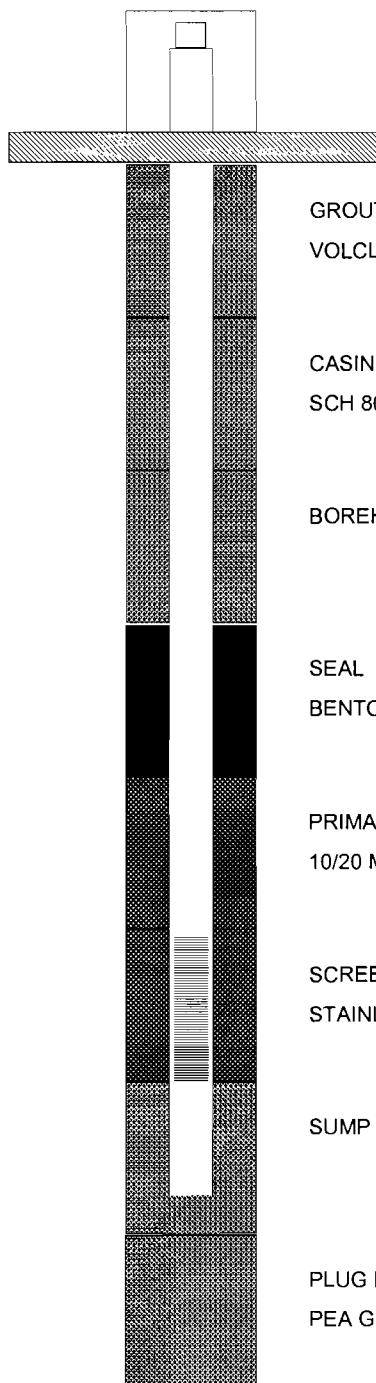
Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

Last measured water level was 4868.49 **FASL**
measured on 21-DEC-1995

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

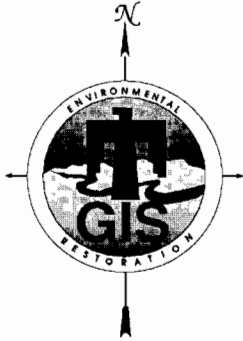


Casing Stickup:

| Interval | Start | Stop |
|------------------|----------------|------|
| GROUT/BACKFILL | 0' | 410' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 503' |
| SCH 80 PVC | I.D. 4" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 515' |
| | O.D. 7.875" | |
| Interval | Start | Stop |
| SEAL | 410' | 430' |
| BENTONITE PELLET | | |
| Interval | Start | Stop |
| PRIMARY PACK | 430' | 498' |
| 10/20 MESH | | |
| Interval | Start | Stop |
| SCREEN | 473' | 493' |
| STAINLESS STEEL | | |
| | Slot Size .02" | |
| Interval | Start | Stop |
| SUMP | 493' | 503' |
| Interval | Start | Stop |
| PLUG BACK | 503' | 515' |
| PEA GRAVEL | | |

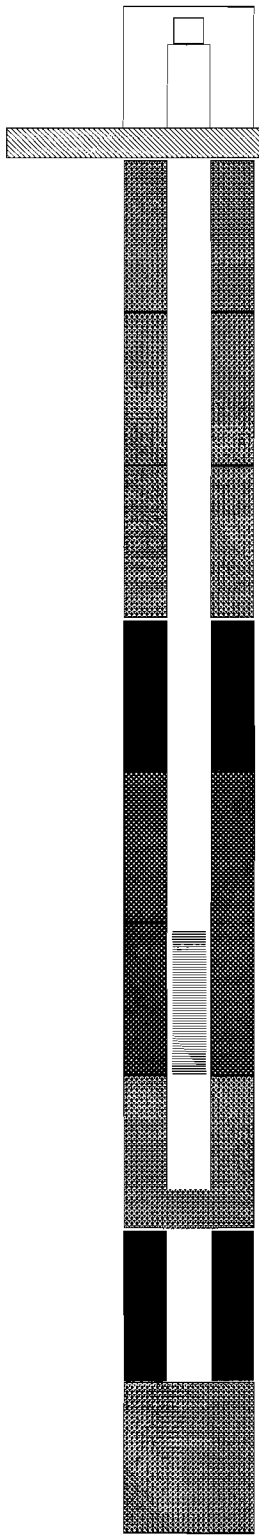

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|------------------------------|
| Project Name: | IRP. | Geo Location: | KAFB LAGOON |
| ER ADS #: | NA | Well Completion Date: | 10-NOV-1989 |
| Well Name: | KAFB-0501 | Completion Zone: | VFG/FG SAND AND SILT |
| er Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 07-SEP-1989 | Well Comment: | ALTERNATE NAME: LAGOONS - SE |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 515 | | |
| Casing Depth: | 503 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: NE CORNER KAFB SANT LAGOON |
| ER ADS #: NA | Well Completion Date: 06-DEC-1989 |
| Well Name: KAFB-0502 | Completion Zone: VFG/MG SAND |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 30-NOV-1989 | Well Comment: ALTERNATE NAME: LAGOONS - NE DRILLED 99 FEET IN SEPTEMBER OF 89 |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 535 | |
| Casing Depth: 506 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------|-------|------|----------------|----|------|---------|--|--|--|--|--|----------|-------|------|--------|----|------|------------|---------|--|--|--|--|----------|-------|------|----------|----|------|--|--|-------------|--|--|--|----------|-------|------|------|------|------|-----------|--|--|--|--|--|----------|-------|------|--------------|------|------|------------|--|--|--|--|--|----------|-------|------|--------|------|------|-------------|--|--|--|--|----------------|--|--|--|----------|-------|------|------|------|------|--|--|--|----------|-------|------|------|------|------|-----------|--|--|--|--|--|----------|-------|------|-----------|------|------|------------|--|--|
| Survey Date: | Casing Stickup: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">447'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">506'</td> </tr> <tr> <td>SCH 80 PVC</td> <td style="text-align: right;">I.D. 4"</td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">535'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 7.875"</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">447'</td> <td style="text-align: right;">460'</td> </tr> <tr> <td>BENTONITE</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">460'</td> <td style="text-align: right;">501'</td> </tr> <tr> <td>10/20 MESH</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">476'</td> <td style="text-align: right;">496'</td> </tr> <tr> <td>TYPE 304 SS</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">Slot Size .02"</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">496'</td> <td style="text-align: right;">506'</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">501'</td> <td style="text-align: right;">504'</td> </tr> <tr> <td>BENTONITE</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PLUG BACK</td> <td style="text-align: right;">504'</td> <td style="text-align: right;">535'</td> </tr> <tr> <td>PEA GRAVEL</td> <td></td> <td></td> </tr> </table> | | Interval | Start | Stop | GROUT/BACKFILL | 0' | 447' | VOLCLAY | | | | | | Interval | Start | Stop | CASING | 0' | 506' | SCH 80 PVC | I.D. 4" | | | | | Interval | Start | Stop | BOREHOLE | 0' | 535' | | | O.D. 7.875" | | | | Interval | Start | Stop | SEAL | 447' | 460' | BENTONITE | | | | | | Interval | Start | Stop | PRIMARY PACK | 460' | 501' | 10/20 MESH | | | | | | Interval | Start | Stop | SCREEN | 476' | 496' | TYPE 304 SS | | | | | Slot Size .02" | | | | Interval | Start | Stop | SUMP | 496' | 506' | | | | Interval | Start | Stop | SEAL | 501' | 504' | BENTONITE | | | | | | Interval | Start | Stop | PLUG BACK | 504' | 535' | PEA GRAVEL | | |
| Interval | | | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | | | 0' | 447' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 506' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 535' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 447' | 460' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 460' | 501' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 MESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 476' | 496' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE 304 SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 496' | 506' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 501' | 504' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 504' | 535' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 406717.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1469676.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5361.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5361.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on 23-SEP-1997 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | IRP | Geo Location: | NE CORNER KAFB SANT LAGOON |
| ER ADS #: | NA | Well Completion Date: | 06-DEC-1989 |
| Well Name: | KAFB-0502 | Completion Zone: | VFG/MG SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 30-NOV-1989 | Well Comment: | ALTERNATE NAME: LAGOONS - NE DRILLED 99 FEET IN SEPTEMBER OF 89 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 535 | | |
| Casing Depth: | 506 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: NW CORNER OF KAFB SANT LAGOON |
| ER ADS #: NA | Well Completion Date: 08-DEC-1989 |
| Well Name: KAFB-0503 | Completion Zone: FG SAND |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 07-DEC-1989 | Well Comment: ALTERNATE NAME: LAGOONS - NW DRILLED TO 101 FEET ON 9-23-89 |
| Drilling Contractor: USGS | |
| Drilling Method: HOLLOW AUGER/MUD ROTARY | |
| Borehole Depth: 516 | |
| Casing Depth: 501 | |

Survey Data

Completion Data Measured Depths (FBGS)

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 406159.735

(Y) Northing: 1469679.968

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5357.72

Concrete Pad:

Ground Surface: 5357.72



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

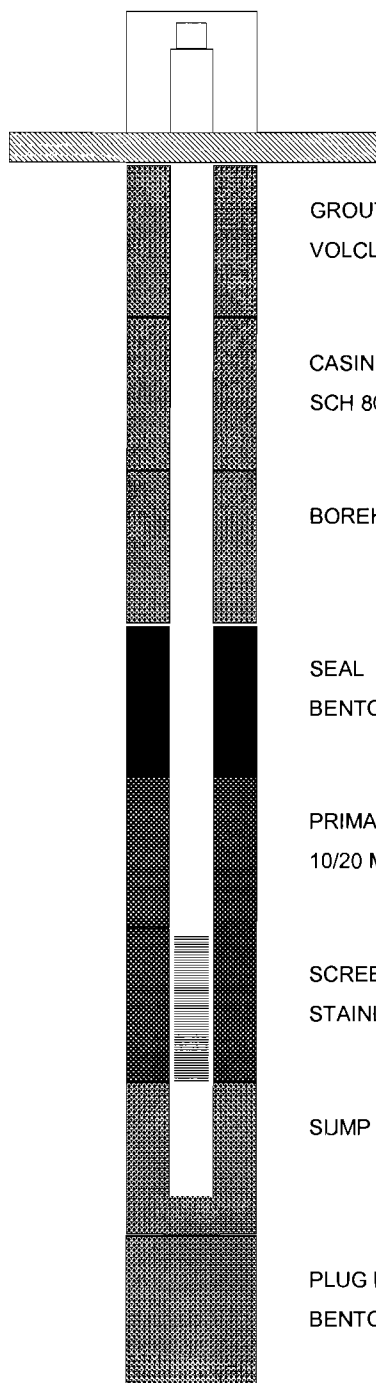
Initial Depth To Water:
(FBGS)

Last measured water level was
measured on 23-SEP-1997

FASL

Date Updated:
14-MAR-00

Date Printed:
12-JAN-2004



Casing Stickup:

| Interval | Start | Stop |
|----------------------|----------------|--------|
| GROUT/BACKFILL | 0' | 427' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 501' |
| SCH 80 PVC | I.D. 4" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 516' |
| | O.D. 7.875" | |
| Interval | Start | Stop |
| SEAL | 427' | 446' |
| BENTONITE PELLET | | |
| Interval | Start | Stop |
| PRIMARY PACK | 446' | 497.5' |
| 10/20 MESH | | |
| Interval | Start | Stop |
| SCREEN | 471' | 491' |
| STAINLESS STEEL | | |
| | Slot Size .02" | |
| Interval | Start | Stop |
| SUMP | 491' | 501' |
| Interval | Start | Stop |
| PLUG BACK | 501' | 516' |
| BENTONITE/PEA GRAVEL | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------|---------------------------------|--|
| Project Name: | IRP | Geo Location: | NW CORNER OF KAFB SANT LAGOON |
| ER ADS #: | NA | Well Completion Date: | 08-DEC-1989 |
| Well Name: | KAFB-0503 | Completion Zone: | FG SAND |
| r Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 07-DEC-1989 | Well Comment: | ALTERNATE NAME: LAGOONS - NW DRILLED TO 101 FEET ON 9-23-89 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW AUGER/MUD ROTARY | | |
| Borehole Depth: | 516 | | |
| Casing Depth: | 501 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|------------------------------|
| Project Name: | IRP | Geo Location: | KAFB LAGOONS |
| ER ADS #: | NA | Well Completion Date: | 21-JAN-1990 |
| Well Name: | KAFB-0504 | Completion Zone: | VFG SAND |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 27-SEP-1989 | Well Comment: | ALTERNATE NAME: LAGOONS - SW |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 518 | | |
| Casing Depth: | 500 | | |

Survey Data

Survey Date: 01-JAN-1990
Surveyed By:

State Plane Coordinates

(X) Easting: 406080.662
(Y) Northing: 1468493.37

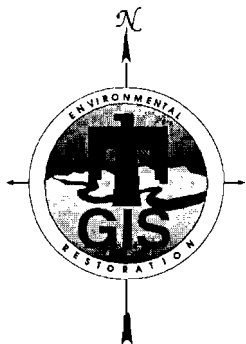
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5354.22

Concrete Pad:

Ground Surface: 5354.23



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

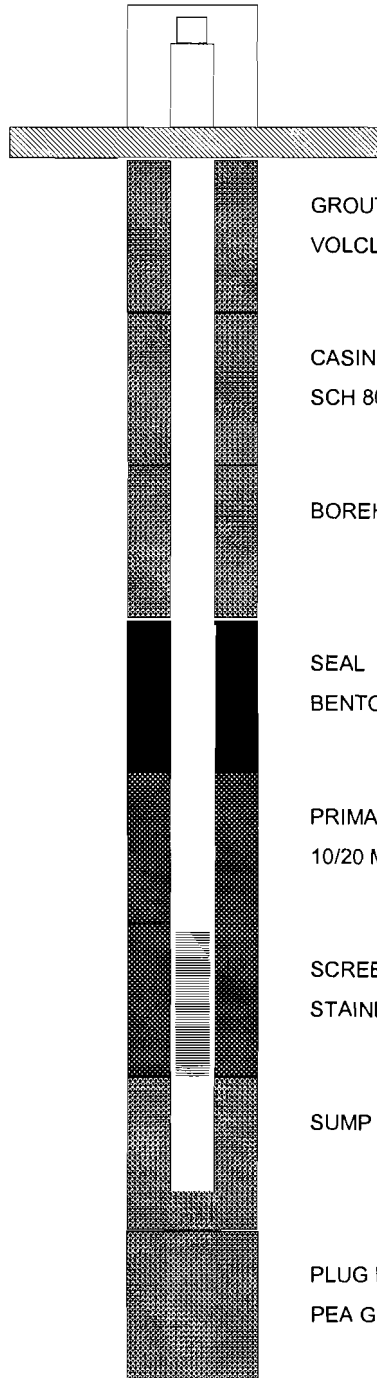
Last measured water level was 4868.96 **FASL**
Measured on 28-AUG-1995

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

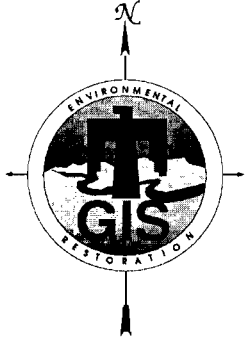
Casing Stickup:

| Interval | Start | Stop |
|------------------|-------------|-------------|
| GROUT/BACKFILL | 0' | 422' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 500' |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 518' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 422' | 442' |
| BENTONITE PELLET | | |
| Interval | Start | Stop |
| PRIMARY PACK | 442' | 494.5' |
| 10/20 MESH | | |
| Interval | Start | Stop |
| SCREEN | 470' | 490' |
| STAINLESS STEEL | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 490' | 500' |
| Interval | Start | Stop |
| PLUG BACK | 500' | 518' |
| PEA GRAVEL | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|------------------------------|
| Project Name: | IRP | Geo Location: | KAFB LAGOONS |
| ER ADS #: | NA | Well Completion Date: | 21-JAN-1990 |
| Well Name: | KAFB-0504 | Completion Zone: | VFG SAND |
| Well ID Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 27-SEP-1989 | Well Comment: | ALTERNATE NAME: LAGOONS - SW |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 518 | | |
| Casing Depth: | 500 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB IRP | Geo Location: SEWAGE LAGOON |
| ER ADS #: | Well Completion Date: 31-AUG-1998 |
| Well Name: KAFB-0506 | Completion Zone: PERCHED AQUIFER |
| Driller Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 13-AUG-1998 | Well Comment: |
| Drilling Contractor: BEYLIK | |
| Drilling Method: ARCH | |
| Borehole Depth: 268.7 | |
| Casing Depth: 220.7 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 406824

(Y) Northing: 1469060


Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface:



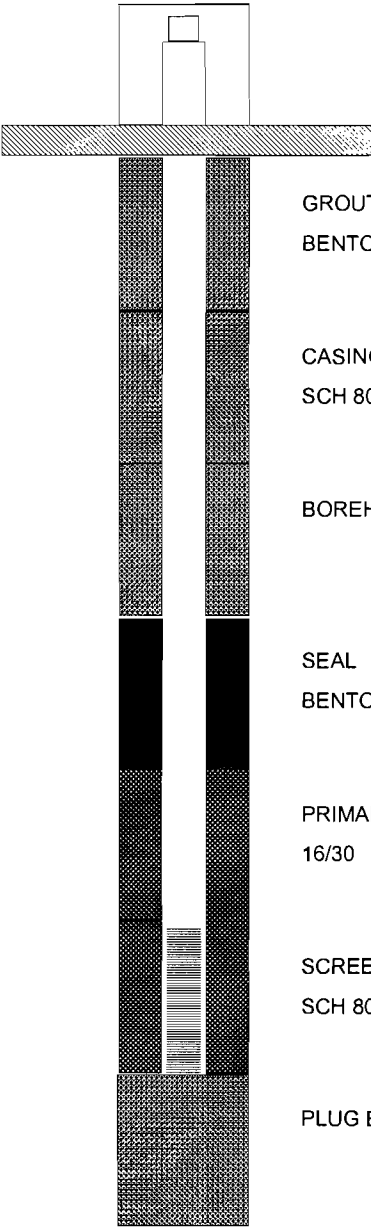
Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water: 200
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004



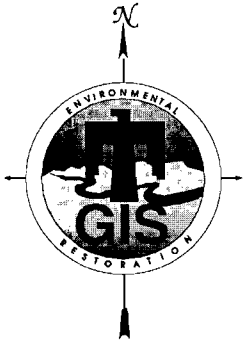
Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------------|-----------|-------------|
| GROUT/BACKFILL | 0' | 183.7' |
| BENTONITE GROUT | | |
| Interval | Start | Stop |
| CASING | 0' | 220.7' |
| SCH 80 PVC | I.D. 4.5" | O.D. 5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 268.7' |
| | | O.D. 9.625" |
| Interval | Start | Stop |
| SEAL | 183' | 194' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| PRIMARY PACK 16/30 | 194' | 221.6' |
| Interval | Start | Stop |
| SCREEN SCH 80 PVC | 200' | 220' |
| | Slot Size | .01" |
| Interval | Start | Stop |
| PLUG BACK | 221.6' | 268' |

WELL DATABASE SUMMARY SHEET

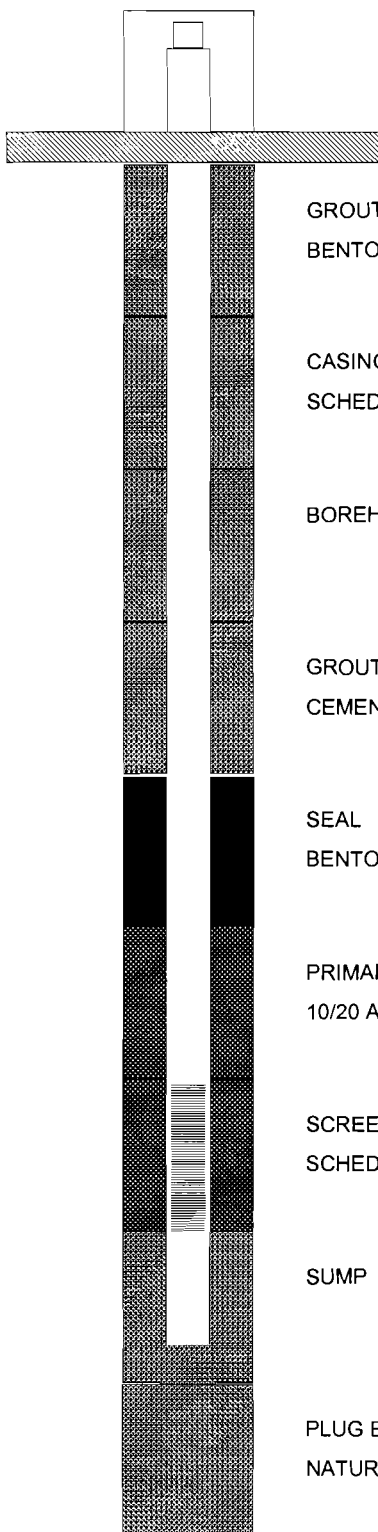
| | | | |
|-------------------------------|-------------|---------------------------------|-----------------|
| Project Name: | KAFB IRP | Geo Location: | SEWAGE LAGOON |
| ER ADS #: | | Well Completion Date: | 31-AUG-1998 |
| Well Name: | KAFB-0506 | Completion Zone: | PERCHED AQUIFER |
| Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-AUG-1998 | Well Comment: | |
| Drilling Contractor: | BEYLIK | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 268.7 | | |
| Casing Depth: | 220.7 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: NW OF KAFB SEWAGE LAGOON |
| ER ADS #: N/A | Well Completion Date: 21-FEB-2001 |
| Well Name: KAFB-0507 | Completion Zone: SAND |
| Driller Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 11-FEB-2001 | Well Comment: |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 520 | |
| Casing Depth: 512.3 | |

| Survey Data | | Completion Data Measured Depths (FBGS) |
|---------------------------------|--|---|
| Survey Date: | | |
| Surveyed By: | | Casing Stickup: 3 |
| State Plane Coordinates | | |
| (X) Easting: 405526.58 | | Interval Start Stop |
| (Y) Northing: 1469846.48 | | GROUT/BACKFILL 0' 50' |
| | | BENTONITE GROUT |
| | | Interval Start Stop |
| | | CASING 0' 512.3' |
| | | SCHEDULE 80 PVC I.D. 3.5" O.D. 4" |
| | | Interval Start Stop |
| | | BOREHOLE 0' 520' |
| | | O.D. 9.625" |
| | | Interval Start Stop |
| | | GROUT/BACKFILL 50' 440' |
| | | CEMENT BENT GROUT |
| | | Interval Start Stop |
| | | SEAL 440' 470' |
| | | BENTONITE CHIPS |
| | | Interval Start Stop |
| | | PRIMARY PACK 470' 512.3' |
| | | 10/20 AND 20/40 |
| | | Interval Start Stop |
| | | SCREEN 482.3' 507.3' |
| | | SCHEDULE 80 PVC |
| | | Slot Size .01" |
| | | Interval Start Stop |
| | | SUMP 507' 512.3' |
| | | Interval Start Stop |
| | | PLUG BACK 512.3' 520' |
| | | NATURAL BACKFILL |



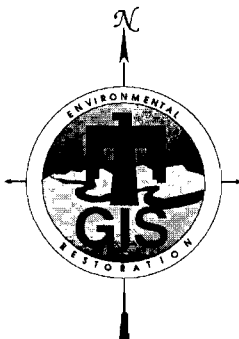
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5356.15

Concrete Pad: 5353.15

Ground Surface:



Calculated Depths and Elevations

Initial Water Elevation: 4859.07
(FAMSL)

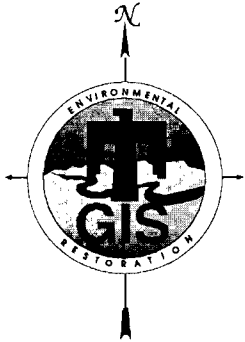
Initial Depth To Water: 497.08
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 26-NOV-02
Date Printed: 12-JAN-2004


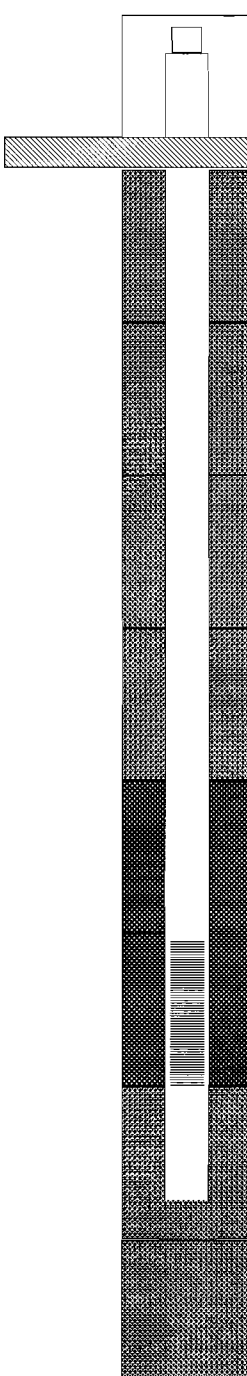
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NW OF KAFB SEWAGE LAGOON |
| ER ADS #: | N/A | Well Completion Date: | 21-FEB-2001 |
| Well Name: | KAFB-0507 | Completion Zone: | SAND |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 11-FEB-2001 | Well Comment: | |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 512.3 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: NW OF KAFB SEWAGE LAGOON |
| ER ADS #: N/A | Well Completion Date: 02-MAY-2001 |
| Well Name: KAFB-0508 | Completion Zone: SAND AND GRAVEL |
| Driller Name: KAFB | Formation of Completion: SANTA FE FORMATION |
| Date Drilling Started: 24-APR-2001 | Well Comment: |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 513 | |
| Casing Depth: 507 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|-------|------|--|----------|----|-----|--|-----------------|--|--|--|-----------------|--------------|-------------|--|--------|----|------|--|-----------------|------------------|----------------|--|-----------------|--------------|-------------|--|----------|----|------|--|--|--|--------------------|--|-----------------|--------------|-------------|--|----------------|-----|------|--|-------------------|--|--|--|-----------------|--------------|-------------|--|--------------|------|------|--|-------------------|--|--|--|-----------------|--------------|-------------|--|--------|------|------|--|-----------------|--|--|--|--|--|-----------------------|--|-----------------|--------------|-------------|--|------|------|------|--|-----------------|--------------|-------------|--|-----------|------|------|--|------------------|--|--|--|
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 404552.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1470510.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5349.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5347.13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | Casing Stickup: 3 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>BACKFILL</td> <td>0'</td> <td>35'</td> <td></td> </tr> <tr> <td>PORTLAND CEMENT</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>507'</td> <td></td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td>I.D. 3.5"</td> <td>O.D. 4"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>513'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D. 9.625"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>35'</td> <td>473'</td> <td></td> </tr> <tr> <td>GROUT BENT SLURRY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>473'</td> <td>507'</td> <td></td> </tr> <tr> <td>2-12 PMC MONTEREY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SCREEN</td> <td>481'</td> <td>506'</td> <td></td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .01"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SUMP</td> <td>506'</td> <td>507'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PLUG BACK</td> <td>507'</td> <td>513'</td> <td></td> </tr> <tr> <td>NATURAL BACKFILL</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | BACKFILL | 0' | 35' | | PORTLAND CEMENT | | | | Interval | Start | Stop | | CASING | 0' | 507' | | SCHEDULE 80 PVC | I.D. 3.5" | O.D. 4" | | Interval | Start | Stop | | BOREHOLE | 0' | 513' | | | | O.D. 9.625" | | Interval | Start | Stop | | GROUT/BACKFILL | 35' | 473' | | GROUT BENT SLURRY | | | | Interval | Start | Stop | | PRIMARY PACK | 473' | 507' | | 2-12 PMC MONTEREY | | | | Interval | Start | Stop | | SCREEN | 481' | 506' | | SCHEDULE 80 PVC | | | | | | Slot Size .01" | | Interval | Start | Stop | | SUMP | 506' | 507' | | Interval | Start | Stop | | PLUG BACK | 507' | 513' | | NATURAL BACKFILL | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BACKFILL | 0' | 35' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PORTLAND CEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 507' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | I.D. 3.5" | O.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 513' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 35' | 473' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT BENT SLURRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 473' | 507' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-12 PMC MONTEREY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 481' | 506' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 506' | 507' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 507' | 513' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL BACKFILL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: 4856.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 492.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 26-NOV-02 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


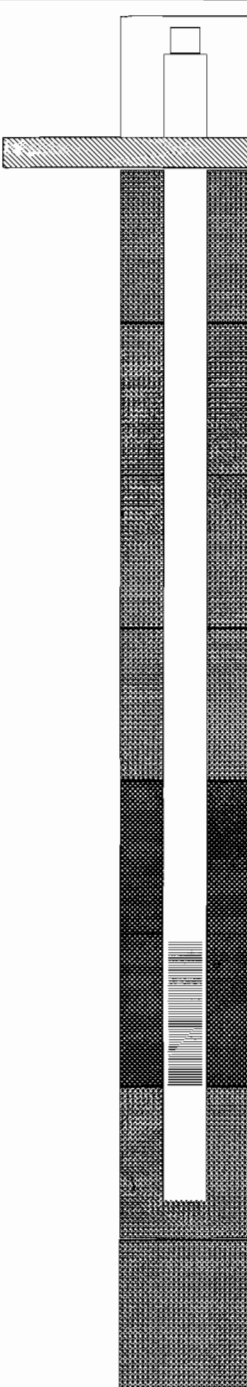
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NW OF KAFB SEWAGE LAGOON |
| ER ADS #: | N/A | Well Completion Date: | 02-MAY-2001 |
| Well Name: | KAFB-0508 | Completion Zone: | SAND AND GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 24-APR-2001 | Well Comment: | |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 513 | | |
| Casing Depth: | 507 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: KAFB-IRP | Geo Location: NW OF KAFB SEWAGE LAGOON |
| ER ADS #: N/A | Well Completion Date: 10-MAY-2001 |
| Well Name: KAFB-0509 | Completion Zone: SAND AND SANDY CLAY |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE FORMATION |
| Date Drilling Started: 05-MAY-2001 | Well Comment: DRY; INSTALLED AS A PERCHED SYSTEM WELL. |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 235 | |
| Casing Depth: 221 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|-------|------|--------------------------------|----|-----|------------------------|----|------|--|-----------|---------|----------|----|------|--|--|-------------|----------------------------------|-----|------|----------------------------|------|------|------------------------|------|------|--|--|----------------|------|------|------|---------------------------|------|------|
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 404568.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1470501.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5438.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5347.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | Casing Stickup: 3 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL PORTLAND CEMENT</td> <td>0'</td> <td>35'</td> </tr> <tr> <td>CASING SCHEDULE 80 PVC</td> <td>0'</td> <td>221'</td> </tr> <tr> <td></td> <td>I.D. 3.5"</td> <td>O.D. 4"</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>235'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 9.625"</td> </tr> <tr> <td>GROUT/BACKFILL GROUT BENT SLURRY</td> <td>35'</td> <td>183'</td> </tr> <tr> <td>PRIMARY PACK 10-20 CO SAND</td> <td>183'</td> <td>235'</td> </tr> <tr> <td>SCREEN SCHEDULE 80 PVC</td> <td>195'</td> <td>220'</td> </tr> <tr> <td></td> <td></td> <td>Slot Size .01"</td> </tr> <tr> <td>SUMP</td> <td>220'</td> <td>221'</td> </tr> <tr> <td>PLUG BACK 10-20 CO SILICA</td> <td>221'</td> <td>235'</td> </tr> </tbody> </table> | Interval | Start | Stop | GROUT/BACKFILL PORTLAND CEMENT | 0' | 35' | CASING SCHEDULE 80 PVC | 0' | 221' | | I.D. 3.5" | O.D. 4" | BOREHOLE | 0' | 235' | | | O.D. 9.625" | GROUT/BACKFILL GROUT BENT SLURRY | 35' | 183' | PRIMARY PACK 10-20 CO SAND | 183' | 235' | SCREEN SCHEDULE 80 PVC | 195' | 220' | | | Slot Size .01" | SUMP | 220' | 221' | PLUG BACK 10-20 CO SILICA | 221' | 235' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL PORTLAND CEMENT | 0' | 35' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING SCHEDULE 80 PVC | 0' | 221' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | I.D. 3.5" | O.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 235' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL GROUT BENT SLURRY | 35' | 183' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK 10-20 CO SAND | 183' | 235' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN SCHEDULE 80 PVC | 195' | 220' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 220' | 221' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK 10-20 CO SILICA | 221' | 235' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was measured on | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Date Updated: 26-NOV-02 | Date Printed: 12-JAN-2004 |
|--------------------------------|----------------------------------|

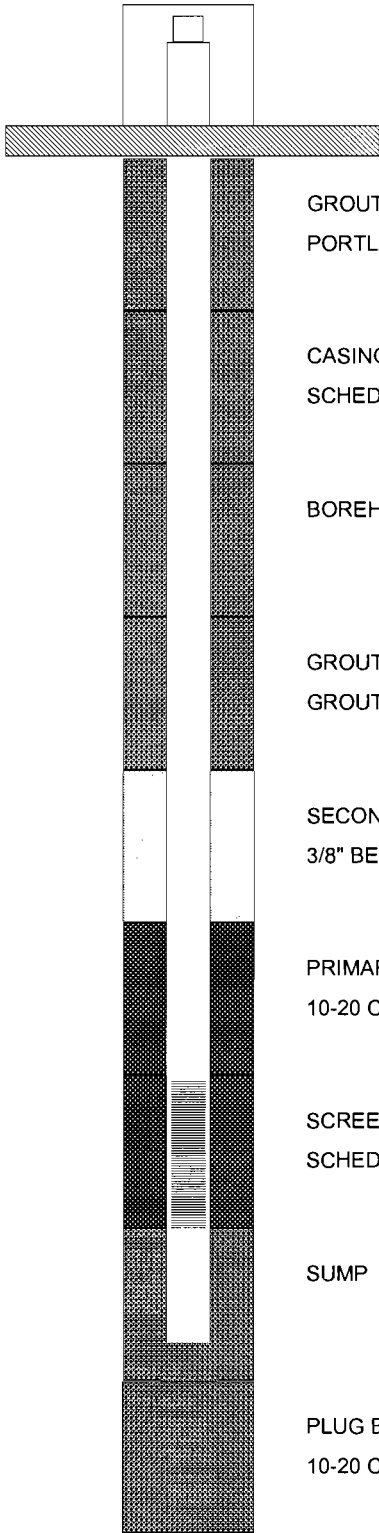

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | KAFB-IRP | Geo Location: | NW OF KAFB SEWAGE LAGOON |
| ER ADS #: | N/A | Well Completion Date: | 10-MAY-2001 |
| Well Name: | KAFB-0509 | Completion Zone: | SAND AND SANDY CLAY |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 05-MAY-2001 | Well Comment: | DRY; INSTALLED AS A PERCHED SYSTEM WELL. |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 235 | | |
| Casing Depth: | 221 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: NW OF KAFB SEWAGE LAGOON |
| ER ADS #: N/A | Well Completion Date: 17-MAY-2001 |
| Well Name: KAFB-0510 | Completion Zone: SILTY SAND AND GRAVELLY SAND |
| Driller Name: KAFB | Formation of Completion: SANTA FE FORMATION |
| Date Drilling Started: 07-MAY-2001 | Well Comment: |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 545 | |
| Casing Depth: 537 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|-------|------|----------------|------|------|-----------------|--|-------------|--|--|----------------|------|------|------|--|--|--|-----------|------|------|-----------------|--|--|
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | Casing Stickup: 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Interval</th> <th style="width: 30%;">Start</th> <th style="width: 30%;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>35'</td> </tr> <tr> <td>PORTLAND CEMENT</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 35' | PORTLAND CEMENT | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 35' | | | | | | | | | | | | | | | | | | | | | | | | |
| PORTLAND CEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 404990.22 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1472725.67 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5364.43 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Interval</th> <th style="width: 30%;">Start</th> <th style="width: 30%;">Stop</th> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>545'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 9.625"</td> </tr> </table> | Interval | Start | Stop | BOREHOLE | 0' | 545' | | | O.D. 9.625" | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 545' | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5362.18 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: 4852.13 (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 512.3 (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was _____ FASL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 26-NOV-02 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Interval</th> <th style="width: 30%;">Start</th> <th style="width: 30%;">Stop</th> </tr> <tr> <td>SCREEN</td> <td>511'</td> <td>536'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .01"</td> </tr> <tr> <td>SUMP</td> <td>536'</td> <td>537'</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>PLUG BACK</td> <td>537'</td> <td>545'</td> </tr> <tr> <td>10-20 CO SILICA</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | SCREEN | 511' | 536' | SCHEDULE 80 PVC | | | | | Slot Size .01" | SUMP | 536' | 537' | | | | PLUG BACK | 537' | 545' | 10-20 CO SILICA | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 511' | 536' | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 536' | 537' | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 537' | 545' | | | | | | | | | | | | | | | | | | | | | | | | |
| 10-20 CO SILICA | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|------------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NW OF KAFB SEWAGE LAGOON |
| ER ADS #: | N/A | Well Completion Date: | 17-MAY-2001 |
| Well Name: | KAFB-0510 | Completion Zone: | SILTY SAND AND GRAVELLY SAND |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 07-MAY-2001 | Well Comment: | |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 545 | | |
| Casing Depth: | 537 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: W OF KAFB OLD SEWAGE LAGOONS |
| ER ADS #: N/A | Well Completion Date: 25-APR-2001 |
| Well Name: KAFB-0512 | Completion Zone: SAND, SILTY & SANDY GRAVEL |
| Owner Name: KAFB | Formation of Completion: SANTA FE FORMATION |
| Date Drilling Started: 19-APR-2001 | Well Comment: |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 472 | |
| Casing Depth: 450 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 404647.25

(Y) Northing: 1468803.79

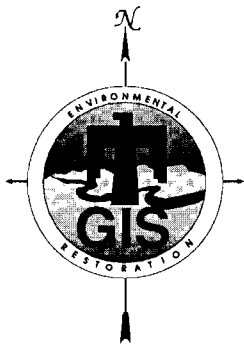
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5301.4

Concrete Pad: 5298.49

Ground Surface:



Calculated Depths and Elevations

Initial Water Elevation: 4858.48
(FAMSL)

Initial Depth To Water: 442
(FBGS)

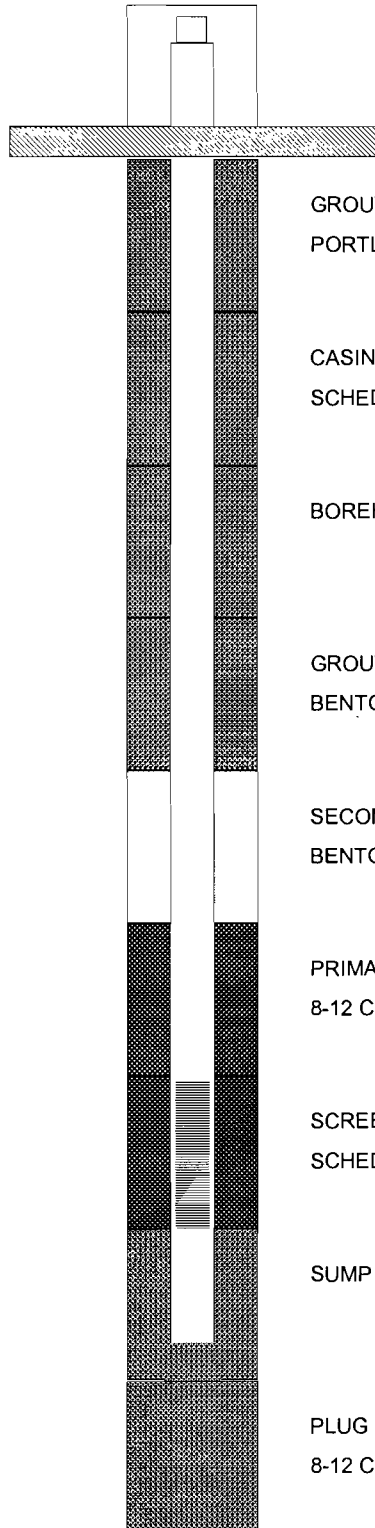
Last measured water level was FASL
asured on

Date Updated: 26-NOV-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 3

| Interval | Start | Stop |
|------------------|-----------|-------------|
| GROUT/BACKFILL | 0' | 50' |
| PORTLAND CEMENT | | |
| Interval | Start | Stop |
| CASING | 0' | 450' |
| SCHEDULE 80 PVC | I.D. 3.5" | O.D. 4" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 472' |
| | | O.D. 9.625" |
| Interval | Start | Stop |
| GROUT/BACKFILL | 50' | 392' |
| BENTONITE SLURRY | | |
| Interval | Start | Stop |
| SECONDARY SEAL | 392' | 419' |
| BENTONITE CHIPS | | |
| Interval | Start | Stop |
| PRIMARY PACK | 419' | 472' |
| 8-12 CO SILICA | | |
| Interval | Start | Stop |
| SCREEN | 424' | 449' |
| SCHEDULE 80 PVC | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 449' | 450' |
| Interval | Start | Stop |
| PLUG BACK | 450' | 472' |
| 8-12 CO SILICA | | |




WELL DATABASE SUMMARY SHEET

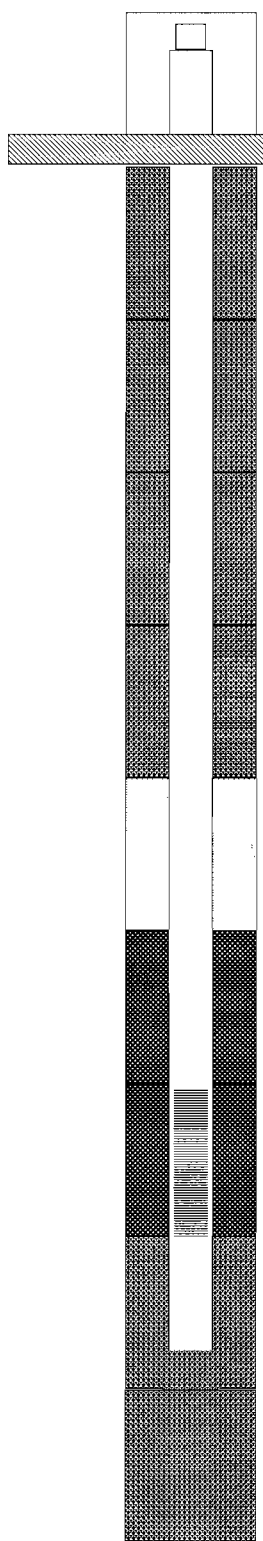
| | | | |
|-------------------------------|-------------|---------------------------------|------------------------------|
| Project Name: | KAFB-IRP | Geo Location: | W OF KAFB OLD SEWAGE LAGOONS |
| ER ADS #: | N/A | Well Completion Date: | 25-APR-2001 |
| Well Name: | KAFB-0512 | Completion Zone: | SAND, SILTY & SANDY GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 19-APR-2001 | Well Comment: | |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 472 | | |
| Casing Depth: | 450 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: SW OF OLD KAFB SEWAGE LAGOONS |
| ER ADS #: N/A | Well Completion Date: 18-MAY-2001 |
| Well Name: KAFB-0514 | Completion Zone: GRAVELLY SAND |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 09-MAY-2001 | Well Comment: IN TIJERAS ARROYO |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 372 | |
| Casing Depth: 366 | |

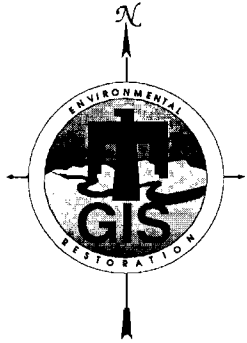
| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|--|
| Survey Date: | | | | | |
| Surveyed By: | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 403073.51 | | | | | |
| (Y) Northing: 1466633.56 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: | | | | | |
| Top of Inner Well Casing: 5203.74 | | | | | |
| Concrete Pad: 5202 | | | | | |
| Ground Surface: | | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 4862.24 (FAMSL) | | | | | |
| Initial Depth To Water: 341.5 (FBGS) | | | | | |
| Last measured water level was | | | | | |
| asured on | | | | | |
| Date Updated: 26-NOV-02 | Date Printed: 12-JAN-2004 | | | | |



| | |
|--------------------------|------------------------|
| Casing Stickup: 3 | |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 35' |
| PORTLAND CEMENT | |
| Interval | Start Stop |
| CASING | 0' 366' |
| SCHEDULE 80 PVC | I.D. 3.5" O.D. 4" |
| Interval | Start Stop |
| BOREHOLE | 0' 372' |
| | O.D. 9.625" |
| Interval | Start Stop |
| GROUT/BACKFILL | 35' 300' |
| BENTONITE SLURRY | |
| Interval | Start Stop |
| SECONDARY SEAL | 300' 330' |
| BENTONITE CHIPS | |
| Interval | Start Stop |
| PRIMARY PACK | 330' 372' |
| 2-12 MONTEREY BEACH | |
| Interval | Start Stop |
| SCREEN | 340' 365' |
| SCHEDULE 80 PVC | |
| | Slot Size .01" |
| Interval | Start Stop |
| SUMP | 365' 366' |
| Interval | Start Stop |
| PLUG BACK | 366' 372' |
| 2-12 SAND | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------------|
| Project Name: | KAFB-IRP | Geo Location: | SW OF OLD KAFB SEWAGE LAGOONS |
| ER ADS #: | N/A | Well Completion Date: | 18-MAY-2001 |
| Well Name: | KAFB-0514 | Completion Zone: | GRAVELLY SAND |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 09-MAY-2001 | Well Comment: | IN TIJERAS ARROYO |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 372 | | |
| Casing Depth: | 366 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------------|
| Project Name: | KAFB-IRP | Geo Location: | SW OF OLD KAFB LAGOONS |
| ER ADS #: | N/A | Well Completion Date: | 30-JAN-2002 |
| Well Name: | KAFB-0516 | Completion Zone: | SAND, CLAYEY SAND, SILTY SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 17-JAN-2002 | Well Comment: | IN TIJERAS ARROYO |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 370 | | |
| Casing Depth: | 358 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 402447.62

(Y) Northing: 1466111.86

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5202.97

Concrete Pad: 5200.71

Ground Surface:



Calculated Depths and Elevations

Initial Water Elevation: 4866.57
(FAMSL)

Initial Depth To Water: 336.4
(FBGS)

Last measured water level was FASL
assured on

Date Updated: 17-DEC-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 3

| Interval | Start | Stop |
|-----------------|-------|------|
| GROUT/BACKFILL | 0' | 21' |
| PORTLAND CEMENT | | |

| Interval | Start | Stop |
|-----------------|-----------|---------|
| CASING | 0' | 358' |
| SCHEDULE 80 PVC | I.D. 3.5" | O.D. 4" |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 370' |
| | | O.D. 9.625" |

| Interval | Start | Stop |
|------------------|-------|------|
| GROUT/BACKFILL | 21' | 278' |
| BENTONITE SLURRY | | |

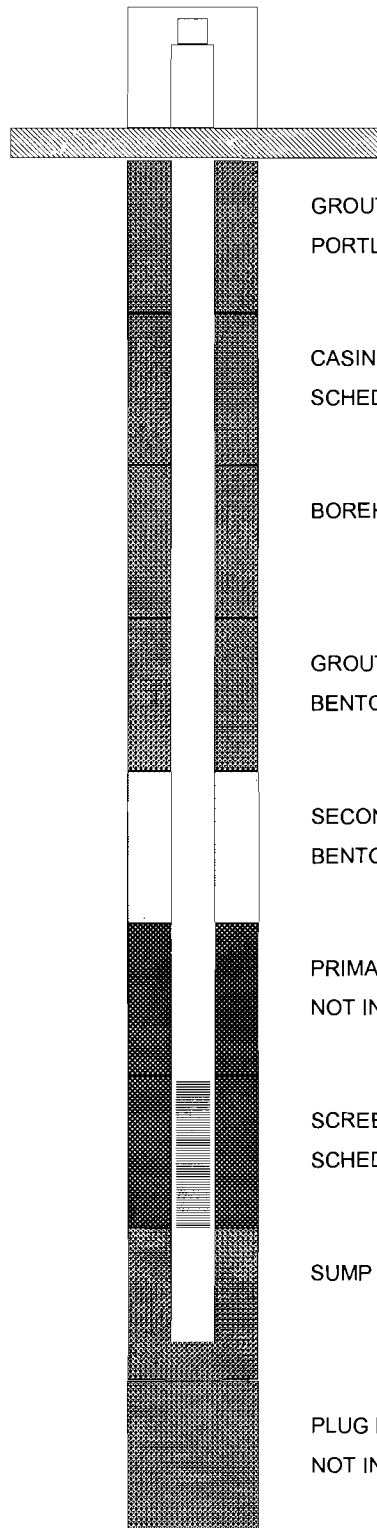
| Interval | Start | Stop |
|-----------------|-------|------|
| SECONDARY SEAL | 278' | 322' |
| BENTONITE CHIPS | | |

| Interval | Start | Stop |
|---------------|-------|------|
| PRIMARY PACK | 322' | 370' |
| NOT INDICATED | | |

| Interval | Start | Stop |
|-----------------|-------|------|
| SCREEN | 332' | 357' |
| SCHEDULE 80 PVC | | |

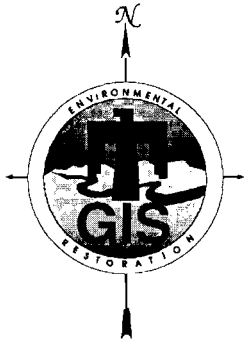
| Interval | Start | Stop | Slot Size |
|----------|-------|------|-----------|
| SUMP | 357' | 358' | .01" |

| Interval | Start | Stop |
|---------------|-------|------|
| PLUG BACK | 358' | 370' |
| NOT INDICATED | | |



WELL DATABASE SUMMARY SHEET

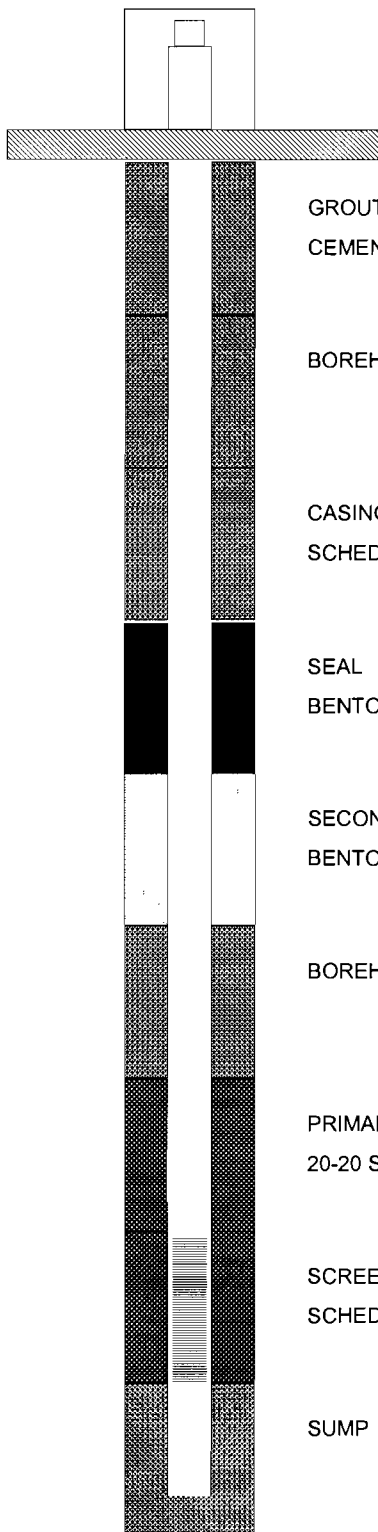
| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------------|
| Project Name: | KAFB-IRP | Geo Location: | SW OF OLD KAFB LAGOONS |
| ER ADS #: | N/A | Well Completion Date: | 30-JAN-2002 |
| Well Name: | KAFB-0516 | Completion Zone: | SAND, CLAYEY SAND, SILTY SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 17-JAN-2002 | Well Comment: | IN TIJERAS ARROYO |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 370 | | |
| Casing Depth: | 358 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---------------------------|
| Project Name: | KAFB-IRP | Geo Location: | S OF T. ARROYO, W OF PENN |
| ER ADS #: | NA | Well Completion Date: | 08-NOV-2002 |
| Well Name: | KAFB-0517 | Completion Zone: | SAND AND GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 05-NOV-2002 | Well Comment: | 318-320' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 355 | | |
| Casing Depth: | 352 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|------------|--|-----------------------|
| Survey Date: | | Casing Stickup: | 2.5 |
| Surveyed By: | | Interval | Start Stop |
| State Plane Coordinates | | GROUT/BACKFILL | 0' 50' |
| (X) Easting: | 402125.42 | CEMENT W/ 3% BENT. | |
| (Y) Northing: | 1464671.94 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | BOREHOLE | 0' 280' |
| | | | O.D. 11.75" |
| Protective Casing: | | Interval | Start Stop |
| Top of Inner Well Casing: | 5194.43 | CASING | 0' 352' |
| Concrete Pad: | 5192.06 | SCHEDULE 80 PVC | I.D. 4" O.D. 4.5" |
| Ground Surface: | | Interval | Start Stop |
| | | SEAL | 50' 268' |
| | | BENTONITE SLURRY | |
| | | Interval | Start Stop |
| | | SECONDARY SEAL | 268' 318' |
| | | BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | BOREHOLE | 280' 355' |
| | | | O.D. 9.625" |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 320' 355' |
| | | 20-20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 325' 350' |
| | | SCHEDULE 80 PVC | |
| | | | Slot Size .01" |
| | | Interval | Start Stop |
| | | SUMP | 350' 352' |

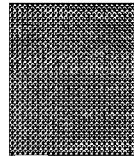
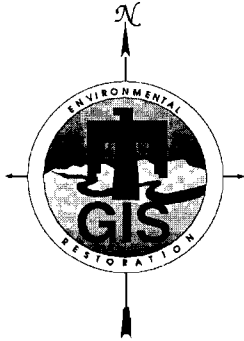


Calculated Depths and Elevations

| | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4866.53 |
| (FAMSL) | |
| Initial Depth To Water: | 327.9 |
| (FBGS) | |
| Last measured water level was | FASL |
| measured on | |
| Date Updated: | Date Printed: |
| 02-DEC-03 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---------------------------|
| Project Name: | KAFB-IRP | Geo Location: | S OF T. ARROYO, W OF PENN |
| ER ADS #: | NA | Well Completion Date: | 08-NOV-2002 |
| Well Name: | KAFB-0517 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 05-NOV-2002 | Well Comment: | 318-320' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 355 | | |
| Casing Depth: | 352 | | |



| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 352' | 355' |
| 20/20 SILICA SAND | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|---------------------------|
| Project Name: | KAFB-IRP | Geo Location: | N OF T. ARROYO, W OF PENN |
| ER ADS #: | NA | Well Completion Date: | 22-DEC-2002 |
| Well Name: | KAFB-0518 | Completion Zone: | SAND AND GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-DEC-2002 | Well Comment: | 298-300' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 340 | | |
| Casing Depth: | 337 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 399491.5

(Y) Northing: 1464932.85

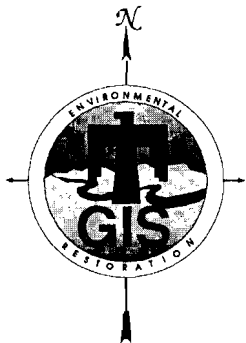
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5175.09

Concrete Pad: 5172.87

Ground Surface:



Calculated Depths and Elevations

Initial Water Elevation: 4867.29
(FAMSL)

Initial Depth To Water: 307.8
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 02-DEC-03

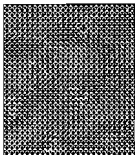
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | |
|-------------------|-----------|-----------------|--------|
| | | Casing Stickup: | 2.7 |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 50' | |
| CEMENT BENT GROUT | | | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 180' | |
| | | O.D. | 11.75" |
| Interval | Start | Stop | |
| CASING | 0' | 337' | |
| SCHEDULE 80 PVC | I.D. 4" | O.D. 4.5" | |
| Interval | Start | Stop | |
| SEAL | 50' | 240' | |
| BENTONITE SLURRY | | | |
| Interval | Start | Stop | |
| BOREHOLE | 180' | 340' | |
| | | O.D. | 9.625" |
| Interval | Start | Stop | |
| SECONDARY SEAL | 240' | 298' | |
| BENTONITE CHIPS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 300' | 337' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 305' | 335' | |
| SCHEDULE 80 PVC | | | |
| | Slot Size | .01" | |
| Interval | Start | Stop | |
| SUMP | 335' | 337' | |
| SCHEDULE 80 PVC | | | |

WELL DATABASE SUMMARY SHEET


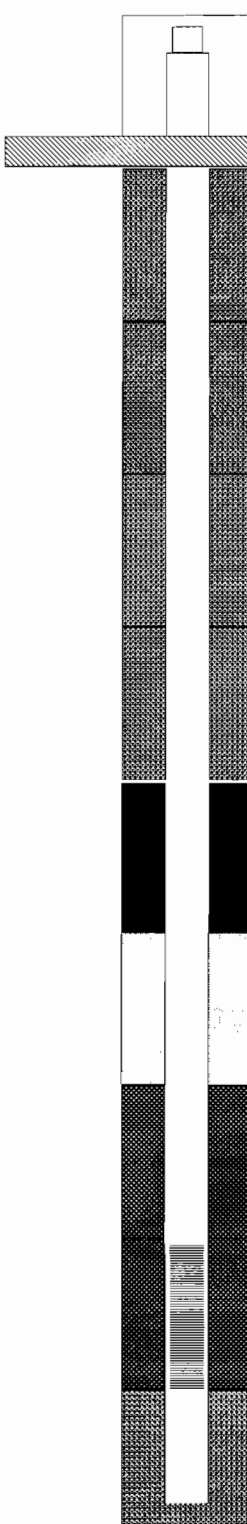
| | | | |
|------------------------|-------------|--------------------------|---------------------------|
| Project Name: | KAFB-IRP | Geo Location: | N OF T. ARROYO, W OF PENN |
| ER ADS #: | NA | Well Completion Date: | 22-DEC-2002 |
| Well Name: | KAFB-0518 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-DEC-2002 | Well Comment: | 298-300' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 340 | | |
| Casing Depth: | 337 | | |



| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 337' | 340' |
| 10/20 SILICA SAND | | |

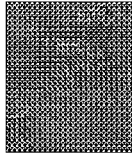
WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: KAFB-IRP | Geo Location: NW END KAFB, W END OF HARDIN |
| ER ADS #: NA | Well Completion Date: 13-MAY-2003 |
| Well Name: KAFB-0519 | Completion Zone: SAND |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 05-MAY-2003 | Well Comment: *X-Y SURVEY DATA ESTIMATED *ELEVATIONS ESTIMATED *693-695' SUGAR SAND |
| Drilling Contractor: WDC | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 735 | |
| Casing Depth: 727 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date:</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting: 404421.72</p> <p>(Y) Northing: 1472763.48</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing:</p> <p>Concrete Pad:</p> <p>Ground Surface: 5360</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 4849.25 (FAMSL)</p> <p>Initial Depth To Water: 510.75 (FBGS)</p> <p>Last measured water level was FASL measured on</p> <p>Date Updated: 02-DEC-03 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>20'</td> </tr> <tr> <td colspan="3" style="text-align: right;">O.D. 11.75"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>60'</td> </tr> <tr> <td>BENTONITE CEMENT</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>727'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td>I.D. 4.8"</td> <td>O.D. 5.5"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>20'</td> <td>735'</td> </tr> <tr> <td colspan="3" style="text-align: right;">O.D. 10.625"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL</td> <td>60'</td> <td>641'</td> </tr> <tr> <td>BENTONITE SLURRY</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SECONDARY SEAL</td> <td>641'</td> <td>693'</td> </tr> <tr> <td>BENTONITE CHIPS</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>695'</td> <td>727'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>700'</td> <td>725'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">Slot Size .01"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SUMP</td> <td>725'</td> <td>727'</td> </tr> </tbody> </table> | Interval | Start | Stop | BOREHOLE | 0' | 20' | O.D. 11.75" | | | Interval | Start | Stop | GROUT/BACKFILL | 0' | 60' | BENTONITE CEMENT | | | Interval | Start | Stop | CASING | 0' | 727' | SCHEDULE 80 PVC | I.D. 4.8" | O.D. 5.5" | Interval | Start | Stop | BOREHOLE | 20' | 735' | O.D. 10.625" | | | Interval | Start | Stop | SEAL | 60' | 641' | BENTONITE SLURRY | | | Interval | Start | Stop | SECONDARY SEAL | 641' | 693' | BENTONITE CHIPS | | | Interval | Start | Stop | PRIMARY PACK | 695' | 727' | 10/20 SILICA SAND | | | Interval | Start | Stop | SCREEN | 700' | 725' | SCHEDULE 80 PVC | | | Slot Size .01" | | | Interval | Start | Stop | SUMP | 725' | 727' |
|---|--|--|----------|-------|------|----------|----|-----|--------------------|--|--|----------|-------|------|----------------|----|-----|------------------|--|--|----------|-------|------|--------|----|------|-----------------|------------------|------------------|----------|-------|------|----------|-----|------|---------------------|--|--|----------|-------|------|------|-----|------|------------------|--|--|----------|-------|------|----------------|------|------|-----------------|--|--|----------|-------|------|--------------|------|------|-------------------|--|--|----------|-------|------|--------|------|------|-----------------|--|--|-----------------------|--|--|----------|-------|------|------|------|------|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 20' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O.D. 11.75" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 60' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE CEMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 727' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | I.D. 4.8" | O.D. 5.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 20' | 735' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| O.D. 10.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 60' | 641' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE SLURRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY SEAL | 641' | 693' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE CHIPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 695' | 727' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 700' | 725' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 725' | 727' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | KAFB-IRP | Geo Location: | NW END KAFB, W END OF HARDIN |
| ER ADS #: | NA | Well Completion Date: | 13-MAY-2003 |
| Well Name: | KAFB-0519 | Completion Zone: | SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 05-MAY-2003 | Well Comment: | *X-Y SURVEY DATA ESTIMATED *ELEVATIONS ESTIMATED *693-695' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 735 | | |
| Casing Depth: | 727 | | |



| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 727' | 735' |
| 10/20 SILICA SAND | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | GOLF COURSE |
| ER ADS #: | NA | Well Completion Date: | 20-MAR-1990 |
| Well Name: | KAFB-0602 | Completion Zone: | SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 04-JAN-1990 | Well Comment: | ALTERNATE NAME: GOLF - S /0602 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 495 | | |
| Casing Depth: | 467 | | |

Survey Data

Survey Date: 01-JAN-1997
 Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 416603.11
 (Y) Northing: 1463580.78

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5362.8

Concrete Pad:

Ground Surface: 5361.49



Calculated Depths and Elevations

Initial Water Elevation: 5042.49
 (FAMSL)
 Initial Depth To Water: 319
 (FBGS)

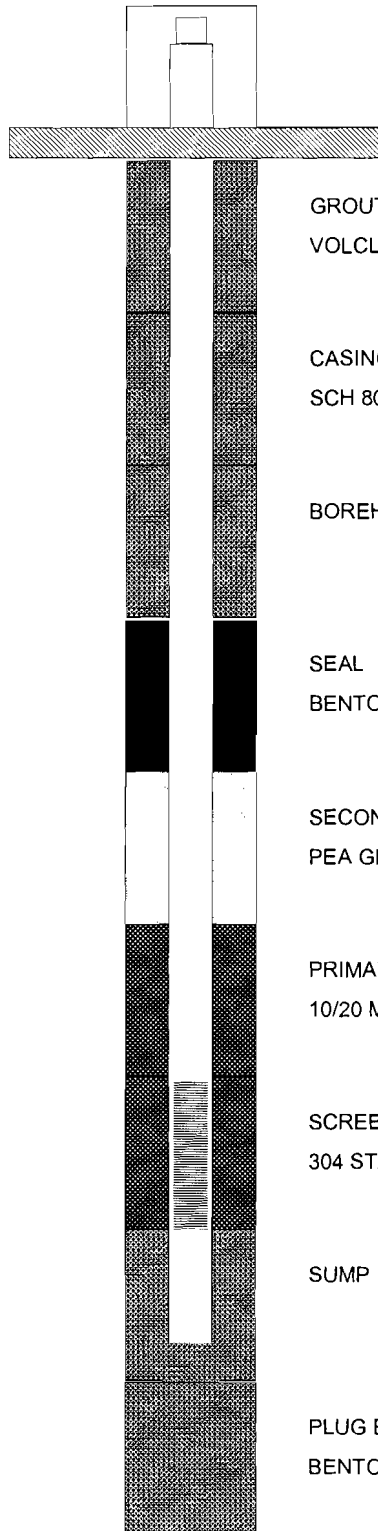
Last measured water level was FASL
 asured on 25-SEP-1997

File Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------------|----------------|-------------|
| GROUT/BACKFILL | 0' | 369' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 467' |
| SCH 80 PVC | I.D. 4" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 495' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 369' | 383.5' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| SECONDARY PACK | 383.5' | 431' |
| PEA GRAVEL | | |
| Interval | Start | Stop |
| PRIMARY PACK | 431' | 495' |
| 10/20 MESH | | |
| Interval | Start | Stop |
| SCREEN | 437' | 457' |
| 304 STAINLESS STEEL | | |
| | Slot Size .02" | |
| Interval | Start | Stop |
| SUMP | 457' | 467' |
| Interval | Start | Stop |
| PLUG BACK | 467' | 495' |
| BENTONITE/PEA GRAVEL | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-----------------------------|---------------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | GOLF COURSE |
| ER ADS #: | NA | Well Completion Date: | 20-MAR-1990 |
| Well Name: | KAFB-0602 | Completion Zone: | SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 04-JAN-1990 | Well Comment: | ALTERNATE NAME: GOLF - S /0602 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | HOLLOW STEM AUGER/MUD ROTAF | | |
| Borehole Depth: | 495 | | |
| Casing Depth: | 467 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: GOLF COURSE |
| ER ADS #: NA | Well Completion Date: 28-MAR-1990 |
| Well Name: KAFB-0608 | Completion Zone: FG/VFG SAND |
| Driller Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 21-MAR-1990 | Well Comment: ALTERNATE NAME: GOLF - N/0608 |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 375 | |
| Casing Depth: 338 | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 416325.83
(Y) Northing: 1463923.85

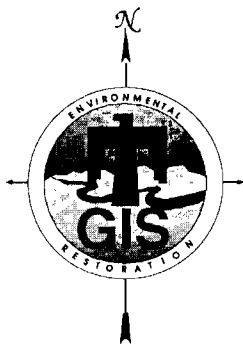
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5358.5

Concrete Pad:

Ground Surface: 5357.23



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

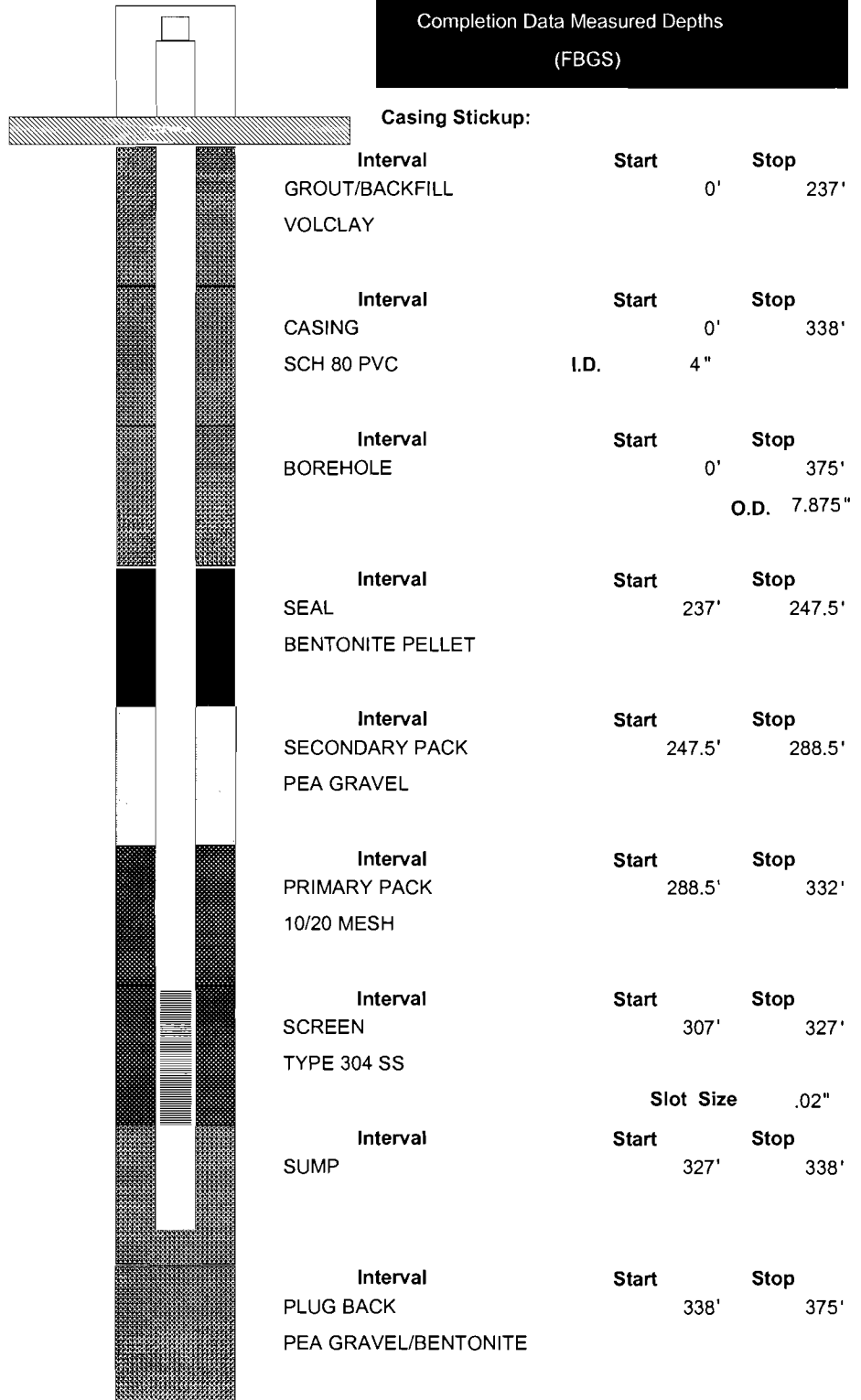
Initial Depth To Water:
(FBGS)

Last measured water level was 5052.95 **FASL**
measured on 13-SEP-1995

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:





WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------------|
| Project Name: | IRP | Geo Location: | GOLF COURSE |
| ER ADS #: | NA | Well Completion Date: | 28-MAR-1990 |
| Well Name: | KAFB-0608 | Completion Zone: | FG/VFG SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-MAR-1990 | Well Comment: | ALTERNATE NAME: GOLF - N/0608 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 375 | | |
| Casing Depth: | 338 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: GOLF COURSE POND(E) |
| ER ADS #: NA | Well Completion Date: 31-MAR-1990 |
| Well Name: KAFB-0609 | Completion Zone: SAND VFG |
| Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 29-MAR-1990 | Well Comment: ALTERNATE NAME: GOLF -E/0609 WATER LEVEL MEASURED ON 3/30/90 |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 355 | |
| Casing Depth: 345 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1997</p> <p>Surveyed By: HALL ENGINEERING COMPANY</p> <p style="margin-top: 10px;">State Plane Coordinates</p> <p>(X) Easting: 416664.23</p> <p>(Y) Northing: 1463851.44</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5363.2</p> <p>Concrete Pad:</p> <p>Ground Surface: 5361.95</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 5039.18 (FAMSL)</p> <p>Initial Depth To Water: 322 (FBGS)</p> <p>Last measured water level was FASL asured on 05-AUG-1996</p> <p>Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">250'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">345'</td> </tr> <tr> <td>SCH 80 PVC/304 SS</td> <td style="text-align: right;">I.D. 4"</td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">355'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 7.875"</td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">250'</td> <td style="text-align: right;">260'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SECONDARY PACK</td> <td style="text-align: right;">260'</td> <td style="text-align: right;">284.5'</td> </tr> <tr> <td>PEA GRAVEL</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SECONDARY PACK</td> <td style="text-align: right;">284.5'</td> <td style="text-align: right;">334'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">316'</td> <td style="text-align: right;">336'</td> </tr> <tr> <td>304 STAINLESS STEEL</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">334'</td> <td style="text-align: right;">355'</td> </tr> <tr> <td>PEA GRAVEL</td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="height: 10px;"></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">336'</td> <td style="text-align: right;">345'</td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 250' | VOLCLAY | | | | | | Interval | Start | Stop | CASING | 0' | 345' | SCH 80 PVC/304 SS | I.D. 4" | | | | | Interval | Start | Stop | BOREHOLE | 0' | 355' | | | O.D. 7.875" | | | | Interval | Start | Stop | SEAL | 250' | 260' | BENTONITE PELLETS | | | | | | Interval | Start | Stop | SECONDARY PACK | 260' | 284.5' | PEA GRAVEL | | | | | | Interval | Start | Stop | SECONDARY PACK | 284.5' | 334' | 10/20 SILICA SAND | | | | | | Interval | Start | Stop | SCREEN | 316' | 336' | 304 STAINLESS STEEL | | | | | | Interval | Start | Stop | PRIMARY PACK | 334' | 355' | PEA GRAVEL | | | | | | Interval | Start | Stop | SUMP | 336' | 345' |
|---|--|--|----------|-------|------|----------------|----|------|---------|--|--|--|--|--|----------|-------|------|--------|----|------|-------------------|---------|--|--|--|--|----------|-------|------|----------|----|------|--|--|-------------|--|--|--|----------|-------|------|------|------|------|-------------------|--|--|--|--|--|----------|-------|------|----------------|------|--------|------------|--|--|--|--|--|----------|-------|------|----------------|--------|------|-------------------|--|--|--|--|--|----------|-------|------|--------|------|------|---------------------|--|--|--|--|--|----------|-------|------|--------------|------|------|------------|--|--|--|--|--|----------|-------|------|------|------|------|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 250' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 345' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC/304 SS | I.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 355' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 250' | 260' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 260' | 284.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 284.5' | 334' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 316' | 336' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 304 STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 334' | 355' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 336' | 345' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | GOLF COURSE POND(E) |
| ER ADS #: | NA | Well Completion Date: | 31-MAR-1990 |
| Well Name: | KAFB-0609 | Completion Zone: | SAND VFG |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-MAR-1990 | Well Comment: | ALTERNATE NAME: GOLF -E/0609 WATER LEVEL MEASURED ON 3/30/90 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 355 | | |
| Casing Depth: | 345 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: GOLF COURSE POND(W) |
| ER ADS #: NA | Well Completion Date: 04-APR-1990 |
| Well Name: KAFB-0610 | Completion Zone: SAND VFG |
| Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 01-APR-1990 | Well Comment: ALTERNATE NAME: GOLF - W/ 0610 WATER LEVEL MEASURED ON 4-2-90 |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 395 | |
| Casing Depth: 363 | |

| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|
| Survey Date: 01-JAN-1997 | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | |
| State Plane Coordinates | | | | |
| (X) Easting: 416199 | | | | |
| (Y) Northing: 1463533.86 | | | | |
| Surveyed Elevations (FAMSL) | | | | |
| Protective Casing: | | | | |
| Top of Inner Well Casing: 5356.8 | | | | |
| Concrete Pad: | | | | |
| Ground Surface: 5354.6 | | | | |
| | | | | |
| Calculated Depths and Elevations | | | | |
| Initial Water Elevation: 5046.56 (FAMSL) | | | | |
| Initial Depth To Water: 308 (FBGS) | | | | |
| Last measured water level was 5054.8 FASL | | | | |
| Measured on 13-SEP-1995 | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | |

WELL DATABASE SUMMARY SHEET

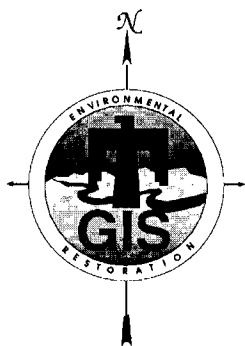
| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | GOLF COURSE POND(W) |
| ER ADS #: | NA | Well Completion Date: | 04-APR-1990 |
| Well Name: | KAFB-0610 | Completion Zone: | SAND VFG |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-APR-1990 | Well Comment: | ALTERNATE NAME:GOLF - W/ 0610 WATER LEVEL MEASURED ON 4-2-90 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 395 | | |
| Casing Depth: | 363 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-----------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NW OF GOLF COURSE MAIN POND |
| ER ADS #: | NA | Well Completion Date: | 13-NOV-2002 |
| Well Name: | KAFB-0611 | Completion Zone: | GRAVEL |
| Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-NOV-2002 | Well Comment: | 493-496' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 518 | | |
| Casing Depth: | 513 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|------------|--|-----------------------|
| Survey Date: | | Casing Stickup: | 2.7 |
| Surveyed By: | | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 415625.97 | GROUT/BACKFILL | 0' 50' |
| (Y) Northing: | 1464631.95 | BENTONITE CEMENT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | BOREHOLE | 0' 280' |
| | | | O.D. 11.75" |
| Protective Casing: | | Interval | Start Stop |
| Top of Inner Well Casing: | 5383.42 | CASING | 0' 513' |
| Concrete Pad: | 5380.93 | SCHEDULE 80 PVC | I.D. 4" O.D. 4.5" |
| Ground Surface: | | Interval | Start Stop |
| | | SEAL | 50' 443' |
| | | BENTONITE SLURRY | |
| | | Interval | Start Stop |
| | | BOREHOLE | 280' 518' |
| | | | O.D. 9.625" |
| | | Interval | Start Stop |
| | | SECONDARY SEAL | 443' 493' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 496' 513' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 498' 508' |
| | | SCHEDULE 80 PVC | |
| | | | Slot Size .01" |
| | | Interval | Start Stop |
| | | SUMP | 508' 513' |



Calculated Depths and Elevations

Initial Water Elevation: 4923.62
(FAMSL)

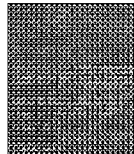
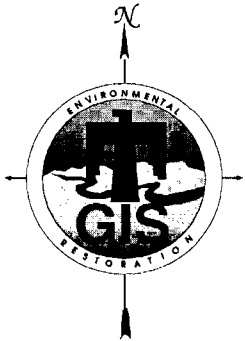
Initial Depth To Water: 459.8
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 03-DEC-03
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET


| | | | |
|------------------------|-------------|--------------------------|-----------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NW OF GOLF COURSE MAIN POND |
| ER ADS #: | NA | Well Completion Date: | 13-NOV-2002 |
| Well Name: | KAFB-0611 | Completion Zone: | GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-NOV-2002 | Well Comment: | 493-496' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 518 | | |
| Casing Depth: | 513 | | |

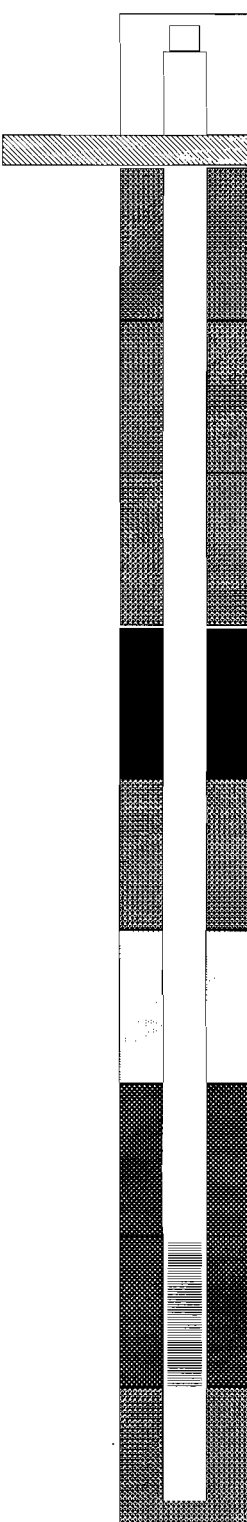


| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 513' | 518' |
| 10/20 SILICA SAND | | |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: NW OF GOLF COURSE MAIN POND |
| ER ADS #: NA | Well Completion Date: 21-NOV-2002 |
| Well Name: KAFB-0612 | Completion Zone: SILTY CLAY WITH GRAVEL |
| Driller Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 19-NOV-2002 | Well Comment: 283.8-285.9' SUGAR SAND |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 320 | |
| Casing Depth: 317 | |

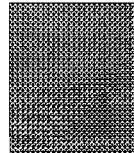
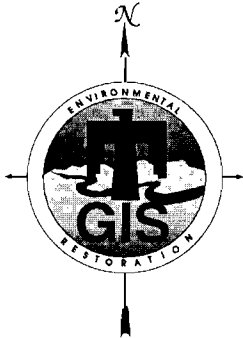
| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|
| Survey Date: | | | | |
| Surveyed By: | | | | |
| State Plane Coordinates | | | | |
| (X) Easting: 415629.43 | | | | |
| (Y) Northing: 1464614.83 | | | | |
| Surveyed Elevations (FAMSL) | | | | |
| Protective Casing: | | | | |
| Top of Inner Well Casing: 5382.78 | | | | |
| Concrete Pad: 5380.83 | | | | |
| Ground Surface: | | | | |
|  | | | | |
| Calculated Depths and Elevations | | | | |
| Initial Water Elevation: 5074.58 (FAMSL) | | | | |
| Initial Depth To Water: 308.2 (FBGS) | | | | |
| Last measured water level was | | | | |
| Measured on | | | | |
| Date Updated: 04-DEC-03 | Date Printed: 12-JAN-2004 | | | |



| | | | |
|--------------------------|--------------|----------------|--|
| Casing Stickup: 2 | | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 53' | |
| BENTONITE CEMENT | | | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 180' | |
| | | O.D. 11.75" | |
| Interval | Start | Stop | |
| CASING | 0' | 317' | |
| SCHEDULE 80 PVC | I.D. 4" | O.D. 4.5" | |
| Interval | Start | Stop | |
| SEAL | 53' | 232' | |
| BENTONITE SLURRY | | | |
| Interval | Start | Stop | |
| BOREHOLE | 180' | 320' | |
| | | O.D. 9.625" | |
| Interval | Start | Stop | |
| SECONDARY SEAL | 232' | 283.8' | |
| BENTONITE SLURRY | | | |
| Interval | Start | Stop | |
| PRIMARY SEAL | 285.9' | 317' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 290' | 315' | |
| SCHEDULE 80 PVC | | | |
| | | Slot Size .01" | |
| Interval | Start | Stop | |
| SUMP | 315' | 317' | |

WELL DATABASE SUMMARY SHEET


| | | | |
|-------------------------------|-------------|---------------------------------|-----------------------------|
| Project Name: | KAFB-IRP | Geo Location: | NW OF GOLF COURSE MAIN POND |
| ER ADS #: | NA | Well Completion Date: | 21-NOV-2002 |
| Well Name: | KAFB-0612 | Completion Zone: | SILTY CLAY WITH GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 19-NOV-2002 | Well Comment: | 283.8-285.9' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 320 | | |
| Casing Depth: | 317 | | |

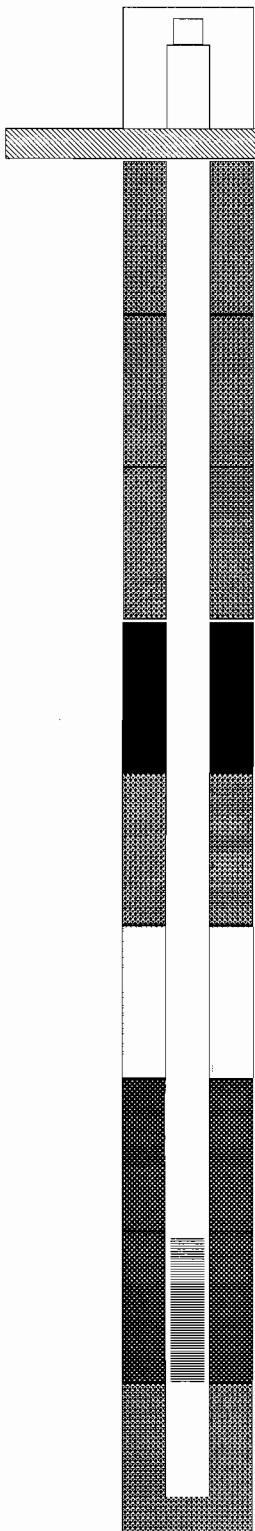


| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 317' | 320' |
| 10/20 SILICA SAND | | |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: KAFB-IRP | Geo Location: GOLF COURSE CHIPPING GREEN |
| ER ADS #: NA | Well Completion Date: 08-DEC-2002 |
| Well Name: KAFB-0613 | Completion Zone: SILTY SAND, GRAVEL CLAY |
| Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 03-DEC-2002 | Well Comment: *BELOW GRADE COMPLETION *413-415' SUGAR SAND |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 462 | |
| Casing Depth: 452 | |

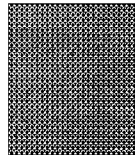
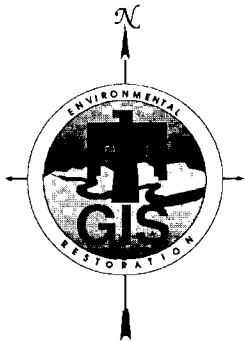
| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|---|
| Survey Date: | | | | | |
| Surveyed By: | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 417132.46 | | | | | |
| (Y) Northing: 1461773.83 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: | | | | | |
| Top of Inner Well Casing: 5388.11 | | | | | |
| Concrete Pad: 5388.63 | | | | | |
| Ground Surface: | | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 5026.19 (FAMSL) | | | | | |
| Initial Depth To Water: 361.92 (FBGS) | | | | | |
| Last measured water level was | | | | | |
| measured on | | | | | |
| Date Updated: 05-DEC-03 | Date Printed: 12-JAN-2004 | | | | |



| | |
|------------------------|--------------------------|
| Casing Stickup: | -52 |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 50' |
| CEMENT BENT. SLURRY | |
| Interval | Start Stop |
| BOREHOLE | 0' 280' |
| | O.D. 11.75" |
| Interval | Start Stop |
| CASING | 0' 452' |
| SCHEDULE 80 PVC | I.D. 4" O.D. 4.5" |
| Interval | Start Stop |
| SEAL | 50' 363' |
| BENTONITE SLURRY | |
| Interval | Start Stop |
| BOREHOLE | 280' 462' |
| | O.D. 9.625" |
| Interval | Start Stop |
| SECONDARY SEAL | 363' 413' |
| BENTONITE CHIPS | |
| Interval | Start Stop |
| PRIMARY PACK | 415' 452' |
| 10/20 SILICA SAND | |
| Interval | Start Stop |
| SCREEN | 420' 450' |
| SCHEDULE 80 PVC | |
| | Slot Size .01" |
| Interval | Start Stop |
| SUMP | 450' 452' |

WELL DATABASE SUMMARY SHEET

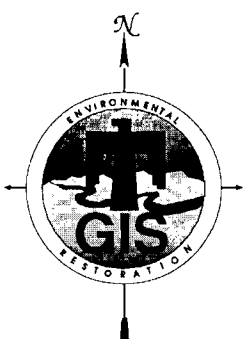
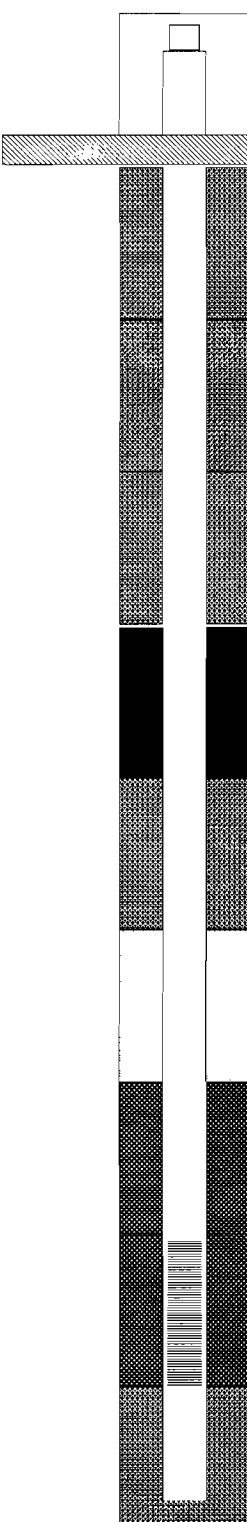
| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | KAFB-IRP | Geo Location: | GOLF COURSE CHIPPING GREEN |
| ER ADS #: | NA | Well Completion Date: | 08-DEC-2002 |
| Well Name: | KAFB-0613 | Completion Zone: | SILTY SAND, GRAVEL CLAY |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 03-DEC-2002 | Well Comment: | *BELOW GRADE COMPLETION *413-415' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 462 | | |
| Casing Depth: | 452 | | |



| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 452' | 462' |
| 10/20 SILICA SAND | | |

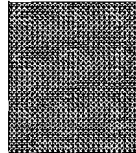
WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: KAFB-IRP | Geo Location: GOLF COURSE CHIPPING GREEN |
| ER ADS #: NA | Well Completion Date: 12-DEC-2002 |
| Well Name: KAFB-0614 | Completion Zone: SILTY SAND GRAVEL |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 09-DEC-2002 | Well Comment: *BELOW GRADE COMPLETION *353-355' SUGAR SAND |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 380 | |
| Casing Depth: 372 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|-----------------|--------------|-------------|----------------|----|-----|--------------------|--|--|-----------------|--------------|-------------|----------|----|------|--|--|-------------|-----------------|--------------|-------------|--------|----|------|-----------------|---------|-----------|-----------------|--------------|-------------|------|-----|------|------------------|--|--|-----------------|--------------|-------------|----------|------|------|--|--|-------------|-----------------|--------------|-------------|----------------|------|------|-----------------|--|--|-----------------|--------------|-------------|--------------|------|------|-------------------|--|--|-----------------|--------------|-------------|--------|------|------|-----------------|--|--|--|------------------|------|-----------------|--------------|-------------|------|------|------|
| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date:</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting: 417143.96</p> <p>(Y) Northing: 1461770.43</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5388.22</p> <p>Concrete Pad: 5388.68</p> <p>Ground Surface:</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 5052.1 (FAMSL)</p> <p>Initial Depth To Water: 336.12 (FBGS)</p> <p>Last measured water level was FASL asured on</p> <p>Date Updated: 05-DEC-03 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup: -.46</p> <table style="width: 100%;"> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">50'</td> </tr> <tr> <td>CEMENT BENT SLURRY</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">280'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 11.75"</td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">372'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td style="text-align: right;">I.D. 4"</td> <td style="text-align: right;">O.D. 4.5"</td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">50'</td> <td style="text-align: right;">300'</td> </tr> <tr> <td>BENTONITE SLURRY</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">280'</td> <td style="text-align: right;">380'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 9.625"</td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SECONDARY SEAL</td> <td style="text-align: right;">300'</td> <td style="text-align: right;">353'</td> </tr> <tr> <td>BENTONITE CHIPS</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">355'</td> <td style="text-align: right;">372'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">360'</td> <td style="text-align: right;">370'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">Slot Size</td> <td style="text-align: right;">.01"</td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">370'</td> <td style="text-align: right;">372'</td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 50' | CEMENT BENT SLURRY | | | Interval | Start | Stop | BOREHOLE | 0' | 280' | | | O.D. 11.75" | Interval | Start | Stop | CASING | 0' | 372' | SCHEDULE 80 PVC | I.D. 4" | O.D. 4.5" | Interval | Start | Stop | SEAL | 50' | 300' | BENTONITE SLURRY | | | Interval | Start | Stop | BOREHOLE | 280' | 380' | | | O.D. 9.625" | Interval | Start | Stop | SECONDARY SEAL | 300' | 353' | BENTONITE CHIPS | | | Interval | Start | Stop | PRIMARY PACK | 355' | 372' | 10/20 SILICA SAND | | | Interval | Start | Stop | SCREEN | 360' | 370' | SCHEDULE 80 PVC | | | | Slot Size | .01" | Interval | Start | Stop | SUMP | 370' | 372' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 50' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEMENT BENT SLURRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 280' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 11.75" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 372' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | I.D. 4" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 50' | 300' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE SLURRY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 280' | 380' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY SEAL | 300' | 353' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE CHIPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 355' | 372' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 360' | 370' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 370' | 372' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | KAFB-IRP | Geo Location: | GOLF COURSE CHIPPING GREEN |
| ER ADS #: | NA | Well Completion Date: | 12-DEC-2002 |
| Well Name: | KAFB-0614 | Completion Zone: | SILTY SAND GRAVEL |
| r Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-DEC-2002 | Well Comment: | *BELOW GRADE COMPLETION *353-355' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 380 | | |
| Casing Depth: | 372 | | |



| Interval | Start | Stop |
|-------------------|-------|------|
| PLUG BACK | 372' | 380' |
| 10/20 SILICA SAND | | |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: WEST OF MANZANO BASE |
| ER ADS #: NA | Well Completion Date: 27-NOV-2002 |
| Well Name: KAFB-0615 | Completion Zone: GRANITE BEDROCK |
| er Name: KAFB | Formation of Completion: GRANITE |
| Date Drilling Started: 25-NOV-2002 | Well Comment: 287.2-289.2' SUGAR SAND |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH | |
| Borehole Depth: 327 | |
| Casing Depth: 327 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 424288.62

(Y) Northing: 1463241.35


Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5635.76

Concrete Pad: 5633.79

Ground Surface:

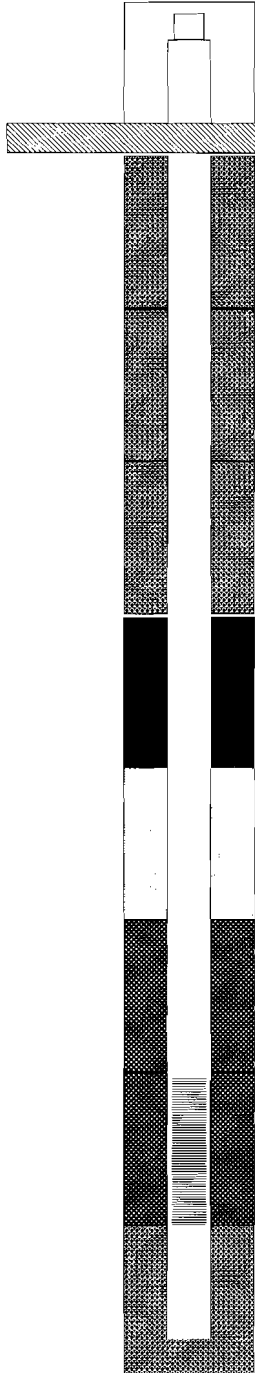


Calculated Depths and Elevations

Initial Water Elevation: 5452.63
(FAMSL)

Initial Depth To Water: 183.13
(FBGS)

Last measured water level was **FASL**
asured on



Completion Data Measured Depths (FBGS)

Casing Stickup: 2

| Interval | Start | Stop |
|-------------------|------------------|-------------|
| GROUT/BACKFILL | 0' | 42' |
| BENTONITE CEMENT | | |
| Interval | Start | Stop |
| CASING | 0' | 327' |
| SCHEDULE 80 PVC | I.D. 4" | O.D. 4.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 327' |
| | | O.D. 9.625" |
| Interval | Start | Stop |
| SEAL | 42' | 237.3' |
| BENTONITE GROUT | | |
| Interval | Start | Stop |
| SECONDARY SEAL | 237.3' | 287.2' |
| BENTONITE CHIPS | | |
| Interval | Start | Stop |
| PRIMARY PACK | 289.2' | 327' |
| 10/20 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 300' | 325' |
| SCHEDULE 80 PVC | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 325' | 327' |


WELL DATABASE SUMMARY SHEET

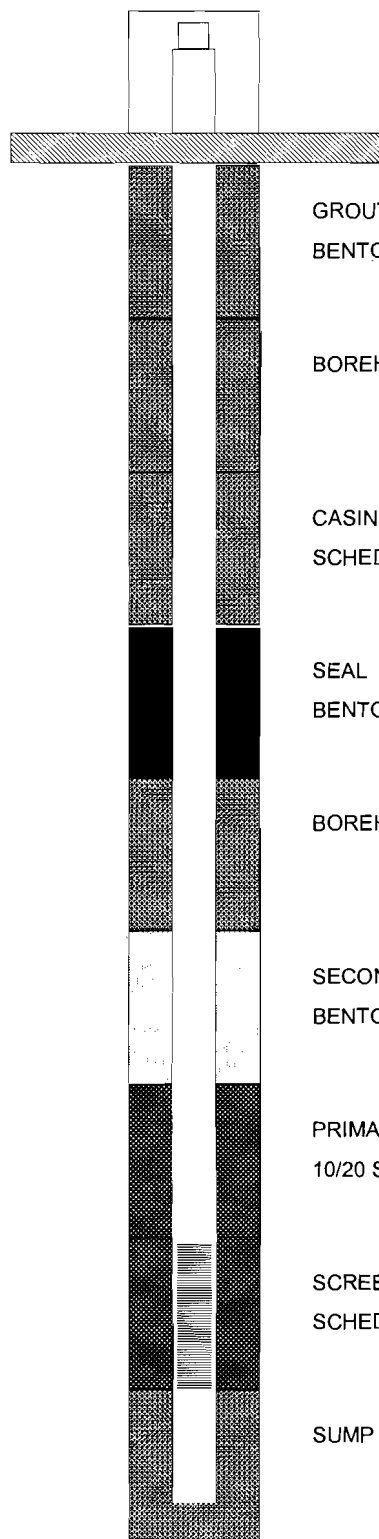
| | | | |
|------------------------|-------------|--------------------------|-------------------------|
| Project Name: | KAFB-IRP | Geo Location: | WEST OF MANZANO BASE |
| IR ADS #: | NA | Well Completion Date: | 27-NOV-2002 |
| Well Name: | KAFB-0615 | Completion Zone: | GRANITE BEDROCK |
| Well ID Name: | KAFB | Formation of Completion: | GRANITE |
| Date Drilling Started: | 25-NOV-2002 | Well Comment: | 287.2-289.2' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 327 | | |
| Casing Depth: | 327 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|-----------------------|
| Project Name: | KAFB-IRP | Geo Location: | EAST OF LANDFILL 8 |
| IR ADS #: | NA | Well Completion Date: | 24-NOV-2002 |
| Well Name: | KAFB-0616 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 22-NOV-2002 | Well Comment: | 464.7-467' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 499 | | |
| Casing Depth: | 499 | | |

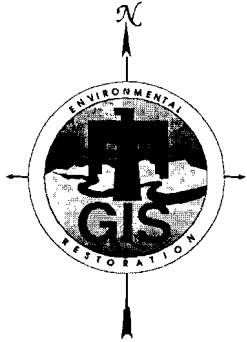
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|---|---------------|--|--|
| Survey Date: | | | |
| Surveyed By: | | | |
| State Plane Coordinates | | | |
| (X) Easting: | 420198.25 | | |
| (Y) Northing: | 1466633.78 | | |
| Surveyed Elevations (FAMSL) | | | |
| Protective Casing: | | | |
| Top of Inner Well Casing: | 5478.4 | | |
| Concrete Pad: | 5476.17 | | |
| Ground Surface: | | | |
|  | | | |
| Calculated Depths and Elevations | | | |
| Initial Water Elevation: | 5033.9 | | |
| (FAMSL) | | | |
| Initial Depth To Water: | 444.5 | | |
| (FBGS) | | | |
| Last measured water level was | FASL | | |
| measured on | | | |
| Date Updated: | Date Printed: | | |
| 08-DEC-03 | 12-JAN-2004 | | |



| Completion Data Measured Depths (FBGS) | | | |
|--|---------|-----------|--------|
| Casing Stickup: 2.4 | | | |
| Interval | Start | Stop | |
| GROUT/ BACKFILL | 0' | 54.5' | |
| BENTONITE CEMENT | | | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 280' | |
| | | O.D. | 11.75" |
| Interval | Start | Stop | |
| CASING | 0' | 499' | |
| SCHEDULE 80 PVC | I.D. 4" | O.D. 4.5" | |
| Interval | Start | Stop | |
| SEAL | 54.5' | 414' | |
| BENTONITE SLURRY | | | |
| Interval | Start | Stop | |
| BOREHOLE | 280' | 499' | |
| | | O.D. | 9.625" |
| Interval | Start | Stop | |
| SECONDARY SEAL | 414' | 464.7' | |
| BENTONITE CHIPS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 467' | 499' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 472' | 497' | |
| SCHEDULE 80 PVC | | | |
| | | Slot Size | .01" |
| Interval | Start | Stop | |
| SUMP | 497' | 499' | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|-----------------------|
| Project Name: | KAFB-IRP | Geo Location: | EAST OF LANDFILL 8 |
| IR ADS #: | NA | Well Completion Date: | 24-NOV-2002 |
| Well Name: | KAFB-0616 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 22-NOV-2002 | Well Comment: | 464.7-467' SUGAR SAND |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 499 | | |
| Casing Depth: | 499 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | TIJERAS ARROYO SE OF CHANNEL |
| ER ADS #: | NA | Well Completion Date: | 15-MAR-1990 |
| Well Name: | KAFB-0901 | Completion Zone: | FG GRAVEL/SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 03-FEB-1990 | Well Comment: | ALTERNATE NAME: TIJERAS - EAST |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 571 | | |
| Casing Depth: | 537 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 416938.84
(Y) Northing: 1470936.65

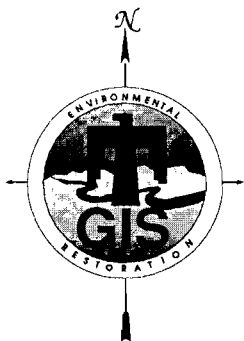
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5387.4

Concrete Pad:

Ground Surface: 5387.13



Calculated Depths and Elevations

Initial Water Elevation: 4911.13
(FAMSL)
Initial Depth To Water: 476
(FBGS)

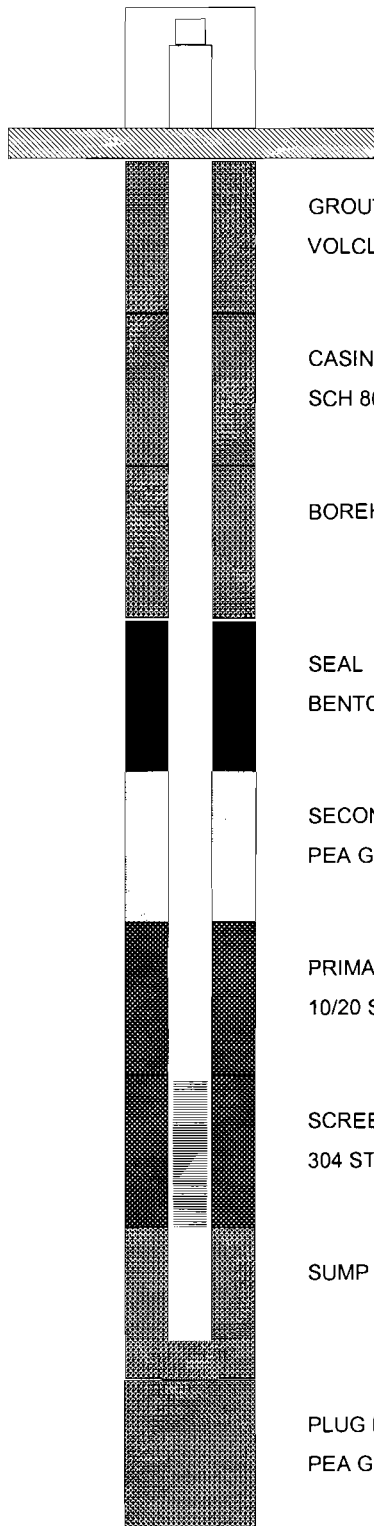
Last measured water level was **FASL**
measured on 25-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------------|------------------|-------------|
| GROUT/BACKFILL | 0' | 335' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 537' |
| SCH 80 PVC | I.D. 4" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 571' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 335' | 358.5' |
| BENTONITE PELLET | | |
| Interval | Start | Stop |
| SECONDARY PACK | 358.5' | 461' |
| PEA GRAVEL | | |
| Interval | Start | Stop |
| PRIMARY PACK | 461' | 539.5' |
| 10/20 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 465' | 527' |
| 304 STAINLESS STEEL | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 527' | 537' |
| Interval | Start | Stop |
| PLUG BACK | 537' | 571' |
| PEA GRAVEL/BENTONITE | | |



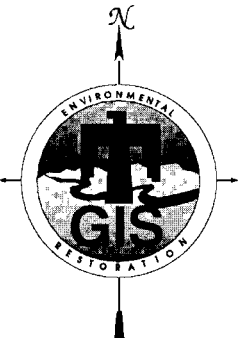
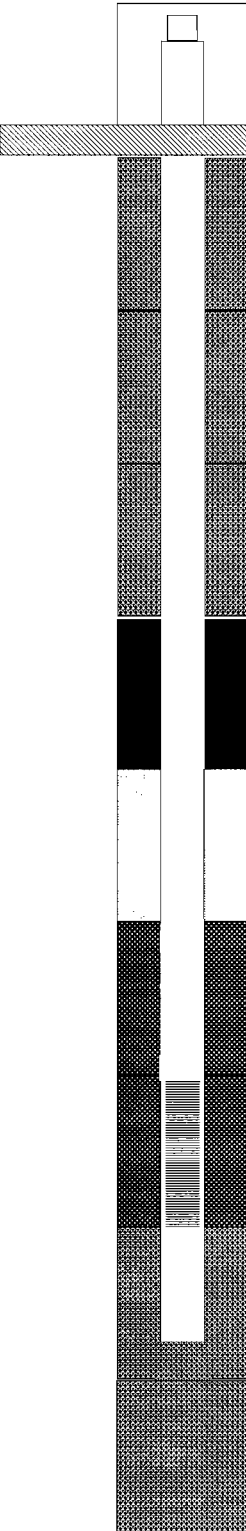
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | TIJERAS ARROYO SE OF CHANNEL |
| ER ADS #: | NA | Well Completion Date: | 15-MAR-1990 |
| Well Name: | KAFB-0901 | Completion Zone: | FG GRAVEL/SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 03-FEB-1990 | Well Comment: | ALTERNATE NAME: TIJERAS - EAST |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 571 | | |
| Casing Depth: | 537 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: W TIJERAS ARROYO AT KAFB FENCE |
| ER ADS #: NA | Well Completion Date: 02-FEB-1990 |
| Well Name: KAFB-0902 | Completion Zone: FG/VCG SAND |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 30-JAN-1990 | Well Comment: ALTERNATE NAME: TIJERAS - WEST |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 415 | |
| Casing Depth: 367 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1997</p> <p>Surveyed By: HALL ENGINEERING COMPANY</p> <p style="text-align: center;">State Plane Coordinates</p> <p>(X) Easting: 397681.04</p> <p>(Y) Northing: 1467247.93</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5225.6</p> <p>Concrete Pad:</p> <p>Ground Surface: 5227.3</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: (FAMSL)</p> <p>Initial Depth To Water: (FBGS)</p> <p>Last measured water level was FASL asured on 25-SEP-1997</p> <p>Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>260.5'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>367'</td> </tr> <tr> <td>SCH 80 PVC</td> <td></td> <td>O.D. 4"</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>415'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 7.875"</td> </tr> <tr> <td>SEAL</td> <td>260.5'</td> <td>276.5'</td> </tr> <tr> <td>BENTONITE PELLET</td> <td></td> <td></td> </tr> <tr> <td>SECONDARY PACK</td> <td>276.5'</td> <td>310'</td> </tr> <tr> <td>PEA GRAVEL</td> <td></td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>310'</td> <td>370.5'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>SCREEN</td> <td>337'</td> <td>357'</td> </tr> <tr> <td>SCH 304 SS</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .02"</td> </tr> <tr> <td>SUMP</td> <td>357'</td> <td>367'</td> </tr> <tr> <td>PLUG BACK</td> <td>367'</td> <td>415'</td> </tr> <tr> <td>BENTONITE/PEA GRAVEL</td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 260.5' | VOLCLAY | | | CASING | 0' | 367' | SCH 80 PVC | | O.D. 4" | BOREHOLE | 0' | 415' | | | O.D. 7.875" | SEAL | 260.5' | 276.5' | BENTONITE PELLET | | | SECONDARY PACK | 276.5' | 310' | PEA GRAVEL | | | PRIMARY PACK | 310' | 370.5' | 10/20 SILICA SAND | | | SCREEN | 337' | 357' | SCH 304 SS | | | | | Slot Size .02" | SUMP | 357' | 367' | PLUG BACK | 367' | 415' | BENTONITE/PEA GRAVEL | | |
|---|--|--|----------|-------|------|----------------|----|--------|---------|--|--|--------|----|------|------------|--|---------|----------|----|------|--|--|-------------|------|--------|--------|------------------|--|--|----------------|--------|------|------------|--|--|--------------|------|--------|-------------------|--|--|--------|------|------|------------|--|--|--|--|----------------|------|------|------|-----------|------|------|----------------------|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 260.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 367' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | | O.D. 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 415' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 260.5' | 276.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 276.5' | 310' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 310' | 370.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 337' | 357' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 304 SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 357' | 367' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 367' | 415' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE/PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

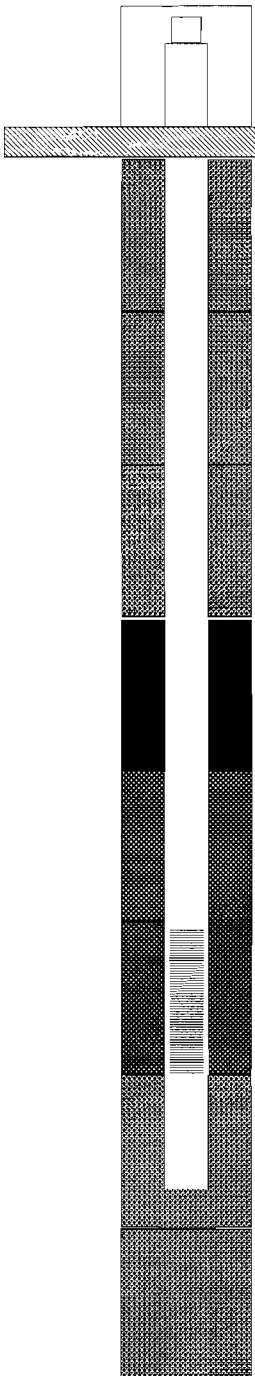

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------------|
| Project Name: | IRP | Geo Location: | W TIJERAS ARROYO AT KAFB FENCE |
| ER ADS #: | NA | Well Completion Date: | 02-FEB-1990 |
| Well Name: | KAFB-0902 | Completion Zone: | FG/CG SAND |
| County Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 30-JAN-1990 | Well Comment: | ALTERNATE NAME: TIJERAS - WEST |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 415 | | |
| Casing Depth: | 367 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: MCCORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 20-APR-1992 |
| Well Name: KAFB-1001 | Completion Zone: GRAVEL AND SAND |
| Operator Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 12-APR-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 420 | |
| Casing Depth: 377 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|----------------|------|--------------------------------|-----|---------------|---------|--|-------------|--------------------------------|-------------|----------|--------|----|------|------------|-------------|-----------|--------------|-----------|----------|----------|----|------|--|--|-------------|--------------|-----------|----------|------|------|------|-------------------|--|--|--------------|-----------|----------|--------------|------|--------|--------------------|--|--|--------------|-----------|----------|--------|------|------|---------------------|--|--|--|-----------|------|--------------|-----------|----------|------|------|------|--------------|-----------|----------|-----------|------|------|-------------------|--|--|
| Survey Date: 01-JAN-1997 Surveyed By: HALL ENGINEERING COMPANY State Plane Coordinates (X) Easting: 403191.14 (Y) Northing: 1436255.37 <div style="background-color: black; color: white; text-align: center; padding: 5px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> | Casing Stickup: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>GRout/BACKfill</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">300'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">377'</td> </tr> <tr> <td>SCH 80 PVC</td> <td style="text-align: right;">I.D. 3.826"</td> <td style="text-align: right;">O.D. 4.5"</td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">420'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 7.875"</td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">300'</td> <td style="text-align: right;">304'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td style="text-align: right;">304'</td> <td style="text-align: right;">375.5'</td> </tr> <tr> <td>10/20 & 20/40 MESH</td> <td></td> <td></td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">342'</td> <td style="text-align: right;">367'</td> </tr> <tr> <td>304 STAINLESS STEEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">Slot Size</td> <td style="text-align: right;">.01"</td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">367'</td> <td style="text-align: right;">377'</td> </tr> <tr> <td> Interval</td> <td style="text-align: right;"> Start</td> <td style="text-align: right;"> Stop</td> </tr> <tr> <td>PLUG BACK</td> <td style="text-align: right;">377'</td> <td style="text-align: right;">420'</td> </tr> <tr> <td>10/20 & BENTONITE</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GRout/BACKfill | 0' | 300' | VOLCLAY | | | Interval | Start | Stop | CASING | 0' | 377' | SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | Interval | Start | Stop | BOREHOLE | 0' | 420' | | | O.D. 7.875" | Interval | Start | Stop | SEAL | 300' | 304' | BENTONITE PELLETS | | | Interval | Start | Stop | PRIMARY PACK | 304' | 375.5' | 10/20 & 20/40 MESH | | | Interval | Start | Stop | SCREEN | 342' | 367' | 304 STAINLESS STEEL | | | | Slot Size | .01" | Interval | Start | Stop | SUMP | 367' | 377' | Interval | Start | Stop | PLUG BACK | 377' | 420' | 10/20 & BENTONITE | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRout/BACKfill | 0' | 300' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 377' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 420' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 300' | 304' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 304' | 375.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 & 20/40 MESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 342' | 367' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 304 STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 367' | 377' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 377' | 420' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 & BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: Top of Inner Well Casing: 5257.76 Concrete Pad: Ground Surface: 5253 <div style="text-align: center; margin-top: 20px;">  </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="background-color: black; color: white; text-align: center; padding: 5px; margin-top: 20px;">Calculated Depths and Elevations</div> <table style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 60%;">Initial Water Elevation:</td> <td style="text-align: right;">4910.99</td> </tr> <tr> <td>(FAMSL)</td> <td></td> </tr> <tr> <td>Initial Depth To Water:</td> <td style="text-align: right;">347</td> </tr> <tr> <td>(FBGS)</td> <td></td> </tr> <tr> <td> Last measured water level was</td> <td style="text-align: right;"> 4894.88</td> </tr> <tr> <td>measured on 05-AUG-1996</td> <td style="text-align: right;">FASL</td> </tr> </table> | Initial Water Elevation: | 4910.99 | (FAMSL) | | Initial Depth To Water: | 347 | (FBGS) | | Last measured water level was | 4894.88 | measured on 05-AUG-1996 | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: | 4910.99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: | 347 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was | 4894.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| measured on 05-AUG-1996 | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

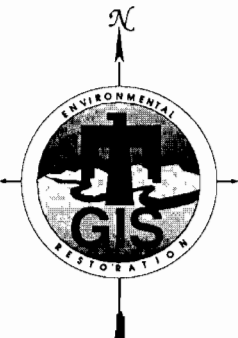
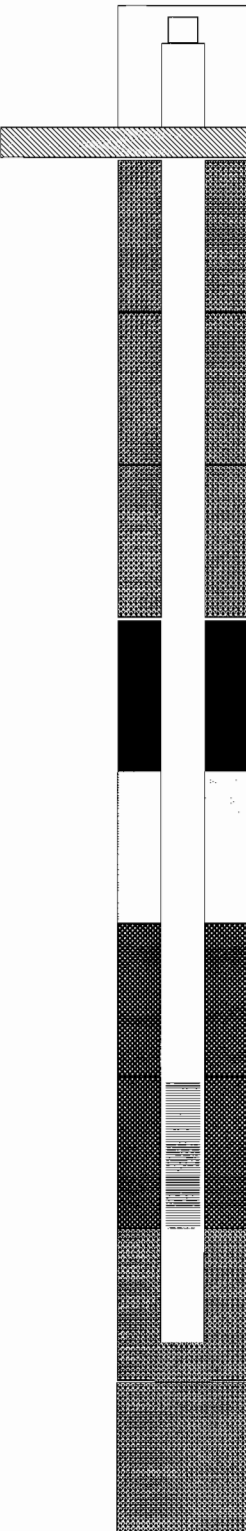
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-----------------|
| Project Name: | IRP | Geo Location: | MCCORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 20-APR-1992 |
| Well Name: | KAFB-1001 | Completion Zone: | GRAVEL AND SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 12-APR-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 420 | | |
| Casing Depth: | 377 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: MCCORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 31-MAR-1992 |
| Well Name: KAFB-1002 | Completion Zone: COARSE SAND |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 25-MAR-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 440 | |
| Casing Depth: 377 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1997</p> <p>Surveyed By: HALL ENGINEERING COMPANY</p> <p>State Plane Coordinates</p> <p>(X) Easting: 400484.51</p> <p>(Y) Northing: 1436291.83</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5252.08</p> <p>Concrete Pad:</p> <p>Ground Surface: 5250</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 4906.68 (FAMSL)</p> <p>Initial Depth To Water: 347 (FBGS)</p> <p>Last measured water level was 4895.81 FASL asured on 05-AUG-1996</p> <p>Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>269'</td> <td></td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>377'</td> <td></td> </tr> <tr> <td>SCH 80 PVC</td> <td>I.D. 3.826"</td> <td>O.D. 4.5"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>440'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D. 7.875"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SEAL</td> <td>269'</td> <td>274'</td> <td></td> </tr> <tr> <td>BENTONITE PELLET</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SECONDARY PACK</td> <td>274'</td> <td>279'</td> <td></td> </tr> <tr> <td>SILICA SAND</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>279'</td> <td>377'</td> <td></td> </tr> <tr> <td>20/40 MESH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SCREEN</td> <td>342'</td> <td>367'</td> <td></td> </tr> <tr> <td>304 STAINLESS STEEL</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .01"</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SUMP</td> <td>367'</td> <td>377'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PLUG BACK</td> <td>377'</td> <td>440'</td> <td></td> </tr> <tr> <td>SLOUGH/PEA GRAVEL</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | | GROUT/BACKFILL | 0' | 269' | | VOLCLAY | | | | Interval | Start | Stop | | CASING | 0' | 377' | | SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | Interval | Start | Stop | | BOREHOLE | 0' | 440' | | | | O.D. 7.875" | | Interval | Start | Stop | | SEAL | 269' | 274' | | BENTONITE PELLET | | | | Interval | Start | Stop | | SECONDARY PACK | 274' | 279' | | SILICA SAND | | | | Interval | Start | Stop | | PRIMARY PACK | 279' | 377' | | 20/40 MESH | | | | Interval | Start | Stop | | SCREEN | 342' | 367' | | 304 STAINLESS STEEL | | | | | | Slot Size .01" | | Interval | Start | Stop | | SUMP | 367' | 377' | | Interval | Start | Stop | | PLUG BACK | 377' | 440' | | SLOUGH/PEA GRAVEL | | | |
|--|--|--|----------|-------|------|--|----------------|----|------|--|---------|--|--|--|-----------------|--------------|-------------|--|--------|----|------|--|------------|-------------|-----------|--|-----------------|--------------|-------------|--|----------|----|------|--|--|--|-------------|--|-----------------|--------------|-------------|--|------|------|------|--|------------------|--|--|--|-----------------|--------------|-------------|--|----------------|------|------|--|-------------|--|--|--|-----------------|--------------|-------------|--|--------------|------|------|--|------------|--|--|--|-----------------|--------------|-------------|--|--------|------|------|--|---------------------|--|--|--|--|--|-----------------------|--|-----------------|--------------|-------------|--|------|------|------|--|-----------------|--------------|-------------|--|-----------|------|------|--|-------------------|--|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 269' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 377' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 440' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 269' | 274' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 274' | 279' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 279' | 377' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/40 MESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 342' | 367' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 304 STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 367' | 377' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 377' | 440' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SLOUGH/PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |


WELL DATABASE SUMMARY SHEET


| | | | |
|-------------------------------|-------------|---------------------------------|-----------------|
| Project Name: | IRP | Geo Location: | MCCORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 31-MAR-1992 |
| Well Name: | KAFB-1002 | Completion Zone: | COARSE SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 25-MAR-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 440 | | |
| Casing Depth: | 377 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: MCCORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 22-MAY-1992 |
| Well Name: KAFB-1003 | Completion Zone: COARSE SAND/SILT |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 18-MAY-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 390 | |
| Casing Depth: 380 | |

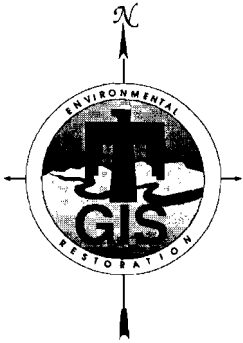
| | | |
|---|---|--|
| Survey Data | Completion Data Measured Depths (FBGS) | |
| Survey Date: 01-JAN-1997 | | |
| Surveyed By: HALL ENGINEERING COMPANY | | |
| State Plane Coordinates | | |
| (X) Easting: 399638.91 | | |
| (Y) Northing: 1437492.65 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: 5255.62 | | |
| Concrete Pad: | | |
| Ground Surface: 5255 | | |
|  | | |
| Calculated Depths and Elevations | | |
| Initial Water Elevation: 4915.8 (FAMSL) | | |
| Initial Depth To Water: 340 (FBGS) | | |
| Last measured water level was _____ FBGS | | |
| asured on _____ | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | |



| Interval | Start | Stop |
|-------------------|------------------|-------------|
| GROUT/BACKFILL | 0' | 290' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 380' |
| PVC/SS | I.D. 3.826" | O.D. 4.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 390' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 290' | 295' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| SECONDARY PACK | 295' | 310' |
| 10/20 & 20/40 | | |
| Interval | Start | Stop |
| PRIMARY PACK | 310' | 381' |
| 10/20 | | |
| Interval | Start | Stop |
| SCREEN | 345' | 370' |
| TYPE 304 SS | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 370' | 380' |
| Interval | Start | Stop |
| PLUG BACK | 381' | 390' |
| BENTONITE / 10/20 | | |


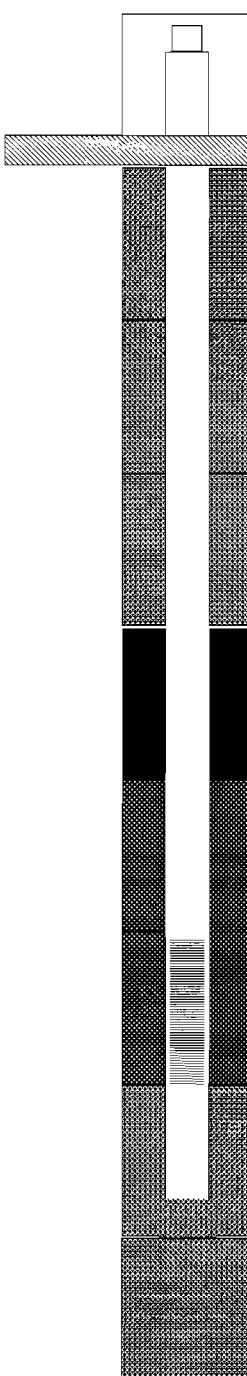
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|------------------|
| Project Name: | IRP | Geo Location: | MCCORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 22-MAY-1992 |
| Well Name: | KAFB-1003 | Completion Zone: | COARSE SAND/SILT |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 18-MAY-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 390 | | |
| Casing Depth: | 380 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: MCCORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 25-AUG-1992 |
| Well Name: KAFB-1004 | Completion Zone: BROWN CLAY/SMALL GRAVEL |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 21-AUG-1992 | Well Comment: *SUSPECT ELEVATION |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 440 | |
| Casing Depth: 383 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1997</p> <p>Surveyed By: HALL ENGINEERING COMPANY</p> <p>State Plane Coordinates</p> <p>(X) Easting: 399638.91</p> <p>(Y) Northing: 1439799.06</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 5px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5256.14</p> <p>Concrete Pad:</p> <p>Ground Surface: 5265</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: 4903.46 (FAMSL)</p> <p>Initial Depth To Water: 353 (FBGS)</p> <p>Last measured water level was FASL asured on</p> <p>Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>250'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>383'</td> </tr> <tr> <td>SCH 80 PVC</td> <td>I.D. 3.826"</td> <td>O.D. 4.5"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>440'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 7.875"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL</td> <td>250'</td> <td>265'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>265'</td> <td>375'</td> </tr> <tr> <td>10/20 & 20/40 SILICA</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>348'</td> <td>373'</td> </tr> <tr> <td>TYPE 304 SS</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Slot Size</td> <td>.01"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SUMP</td> <td>373'</td> <td>383'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>375'</td> <td>440'</td> </tr> <tr> <td>BENTONITE/PEA GRAVEL</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 250' | VOLCLAY | | | Interval | Start | Stop | CASING | 0' | 383' | SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | Interval | Start | Stop | BOREHOLE | 0' | 440' | | | O.D. 7.875" | Interval | Start | Stop | SEAL | 250' | 265' | BENTONITE PELLETS | | | Interval | Start | Stop | PRIMARY PACK | 265' | 375' | 10/20 & 20/40 SILICA | | | Interval | Start | Stop | SCREEN | 348' | 373' | TYPE 304 SS | | | | Slot Size | .01" | Interval | Start | Stop | SUMP | 373' | 383' | Interval | Start | Stop | PLUG BACK | 375' | 440' | BENTONITE/PEA GRAVEL | | |
|--|--|---|----------|-------|------|----------------|----|------|---------|--|--|-----------------|--------------|-------------|--------|----|------|------------|--------------------|------------------|-----------------|--------------|-------------|----------|----|------|--|--|--------------------|-----------------|--------------|-------------|------|------|------|-------------------|--|--|-----------------|--------------|-------------|--------------|------|------|----------------------|--|--|-----------------|--------------|-------------|--------|------|------|-------------|--|--|--|------------------|------|-----------------|--------------|-------------|------|------|------|-----------------|--------------|-------------|-----------|------|------|----------------------|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 250' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 383' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 440' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 250' | 265' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 265' | 375' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 & 20/40 SILICA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 348' | 373' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TYPE 304 SS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 373' | 383' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 375' | 440' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE/PEA GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

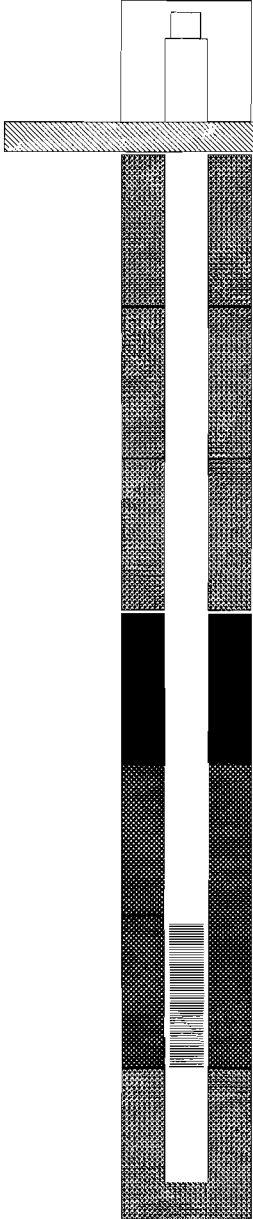

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------|
| Project Name: | IRP | Geo Location: | MCCORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 25-AUG-1992 |
| Well Name: | KAFB-1004 | Completion Zone: | BROWN CLAY/SMALL GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-AUG-1992 | Well Comment: | *SUSPECT ELEVATION |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 440 | | |
| Casing Depth: | 383 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: MCCORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 27-MAY-1992 |
| Well Name: KAFB-1005 | Completion Zone: COARSE SAND/SMALL GRAVEL |
| Driller Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 23-MAY-1992 | Well Comment: *SUSPECT ELEVATION |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 400 | |
| Casing Depth: 398 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | |
|---|---|--|----------|-------|----------|----------------|------|------------|-------------|-------------|--|
| Survey Date: 01-JAN-1997 |  | Casing Stickup: | | | | | | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | | | | | | | |
| State Plane Coordinates | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>245'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 245' | VOLCLAY | | |
| Interval | | Start | Stop | | | | | | | | |
| GROUT/BACKFILL | | 0' | 245' | | | | | | | | |
| VOLCLAY | | | | | | | | | | | |
| (X) Easting: 402755.19 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>CASING</td> <td>0'</td> <td>398'</td> </tr> <tr> <td>SCH 80 PVC</td> <td>I.D. 3.826"</td> <td>O.D. 4.5"</td> </tr> </table> | Interval | Start | Stop | CASING | 0' | 398' | SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | |
| Interval | Start | Stop | | | | | | | | | |
| CASING | 0' | 398' | | | | | | | | | |
| SCH 80 PVC | I.D. 3.826" | O.D. 4.5" | | | | | | | | | |
| (Y) Northing: 1441813.4 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>400'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 7.875"</td> </tr> </table> | Interval | Start | Stop | BOREHOLE | 0' | 400' | | | O.D. 7.875" | |
| Interval | Start | Stop | | | | | | | | | |
| BOREHOLE | 0' | 400' | | | | | | | | | |
| | | O.D. 7.875" | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | |
| Top of Inner Well Casing: 5272.01 | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | |
| Ground Surface: 5285 | | | | | | | | | | | |
|  | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | |
| Initial Water Elevation: 4904.55 (FAMSL) | | | | | | | | | | | |
| Initial Depth To Water: 368 (FBGS) | | | | | | | | | | | |
| Last measured water level was 4891.26 FASL | | | | | | | | | | | |
| asured on 05-AUG-1996 | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------|
| Project Name: | IRP | Geo Location: | MCCORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 27-MAY-1992 |
| Well Name: | KAFB-1005 | Completion Zone: | COARSE SAND/SMALL GRAVEL |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 23-MAY-1992 | Well Comment: | *SUSPECT ELEVATION |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 400 | | |
| Casing Depth: | 398 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: MC CORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 10-AUG-1996 |
| Well Name: KAFB-1006 | Completion Zone: SAND AND GRAVEL |
| Well Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 08-AUG-1996 | Well Comment: DEPTHS INTERPRETED FROM ORIGINAL COMPLETION LOG COMPLETED BY ERIC TOW. |
| Drilling Contractor: LAYNE | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 383 | |
| Casing Depth: 383 | |

Survey Data

Survey Date:

Surveyed By: NA

State Plane Coordinates

(X) Easting: 401108.28

(Y) Northing: 1438510.58


Surveyed Elevations (FAMSL)

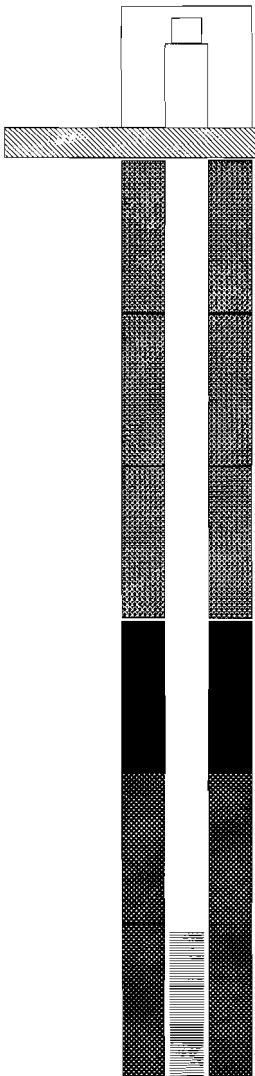
Protective Casing:

Depth of Inner Well Casing:

Concrete Pad:

Ground Surface: 5254.34





Completion Data Measured Depths (FBGS)

| | |
|--|---|
| Casing Stickup: | 2.3 |
| Interval | Start Stop |
| GROUT/BACKFILL TYPE I-II PORTLAND C | 0' 356' |
| Interval | Start Stop |
| BOREHOLE | 0' 383' |
| | O.D. 10" |
| Interval | Start Stop |
| CASING 304 STAINLESS STEEL | 0' 383' |
| | I.D. 4" O.D. 4.5" |
| Interval | Start Stop |
| SEAL BENTONITE | 356' 358.87' |
| Interval | Start Stop |
| PRIMARY PACK 10-20 SILICA SAND | 358.87' 383' |
| Interval | Start Stop |
| SCREEN 304 STAINLESS STEEL | 363' 383' |
| | Slot Size .1" |

Calculated Depths and Elevations

Initial Water Elevation: 4894.22
(FAMSL)

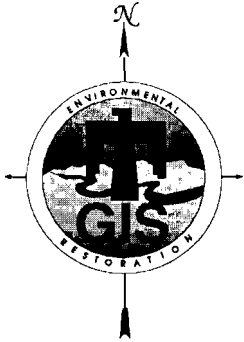
Initial Depth To Water: 360.12
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004


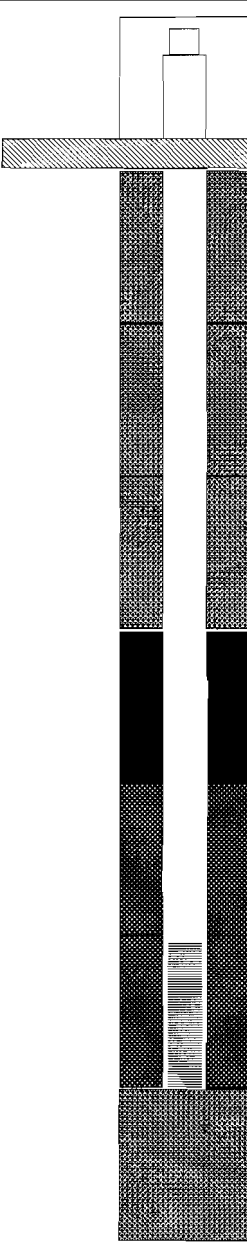
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | MC CORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 10-AUG-1996 |
| Well Name: | KAFB-1006 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 08-AUG-1996 | Well Comment: | DEPTHS INTERPRETED FROM ORIGINAL COMPLETION LOG COMPLETED BY ERIC TOW. |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 383 | | |
| Casing Depth: | 383 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: IRP | Geo Location: MC CORMICK RANCH |
| ER ADS #: NA | Well Completion Date: 27-AUG-1996 |
| Well Name: KAFB-1007 | Completion Zone: SAND AND GRAVEL |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 20-AUG-1996 | Well Comment: DEPTHS INTERPRETED FROM ORIGINAL COMPLETION LOG COMPLETED BY ERIC TOW. |
| Drilling Contractor: LAYNE | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 392 | |
| Casing Depth: 382 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|-------|------|--|----|--------|-------------------------------|----|------|--|---------|-----------|----------|----|------|--|--|----------|-------------------|--------|--------|-----------------------------------|--------|------|-------------------------------|------|------|--|--|---------------|--------------------------------|------|------|
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 400893.02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1439988.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5257.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | Casing Stickup: 2.83 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL TYPE I-II PORTLAND C</td> <td>0'</td> <td>355.7'</td> </tr> <tr> <td>CASING 304 STAINLESS STEEL</td> <td>0'</td> <td>382'</td> </tr> <tr> <td></td> <td>I.D. 4"</td> <td>O.D. 4.5"</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>392'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 10"</td> </tr> <tr> <td>SEAL BENTONITE</td> <td>355.7'</td> <td>358.7'</td> </tr> <tr> <td>PRIMARY PACK 10-20 SILICA SAND</td> <td>358.7'</td> <td>382'</td> </tr> <tr> <td>SCREEN 304 STAINLESS STEEL</td> <td>362'</td> <td>382'</td> </tr> <tr> <td></td> <td></td> <td>Slot Size .1"</td> </tr> <tr> <td>PLUG BACK 10-20 SILICA SAND</td> <td>382'</td> <td>392'</td> </tr> </tbody> </table> | Interval | Start | Stop | GROUT/BACKFILL TYPE I-II PORTLAND C | 0' | 355.7' | CASING 304 STAINLESS STEEL | 0' | 382' | | I.D. 4" | O.D. 4.5" | BOREHOLE | 0' | 392' | | | O.D. 10" | SEAL BENTONITE | 355.7' | 358.7' | PRIMARY PACK 10-20 SILICA SAND | 358.7' | 382' | SCREEN 304 STAINLESS STEEL | 362' | 382' | | | Slot Size .1" | PLUG BACK 10-20 SILICA SAND | 382' | 392' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL TYPE I-II PORTLAND C | 0' | 355.7' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING 304 STAINLESS STEEL | 0' | 382' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | I.D. 4" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 392' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 10" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL BENTONITE | 355.7' | 358.7' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK 10-20 SILICA SAND | 358.7' | 382' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN 304 STAINLESS STEEL | 362' | 382' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .1" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK 10-20 SILICA SAND | 382' | 392' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 367.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was | FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | IRP | Geo Location: | MC CORMICK RANCH |
| ER ADS #: | NA | Well Completion Date: | 27-AUG-1996 |
| Well Name: | KAFB-1007 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 20-AUG-1996 | Well Comment: | DEPTHS INTERPRETED FROM ORIGINAL COMPLETION LOG COMPLETED BY ERIC TOW. |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 392 | | |
| Casing Depth: | 382 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: LAKE CHRISTIAN |
| ER ADS #: NA | Well Completion Date: 01-JUL-1992 |
| Well Name: KAFB-1901 | Completion Zone: |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 25-JUN-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 240 | |
| Casing Depth: 114 | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 429313.25
(Y) Northing: 1442836.66

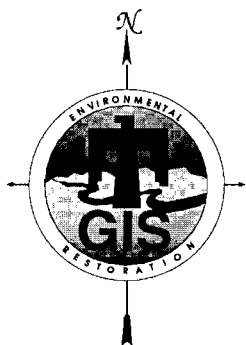
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5748.91

Concrete Pad:

Ground Surface: 5746



Calculated Depths and Elevations

Initial Water Elevation: 5662
(FAMSL)

Initial Depth To Water: 85
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------|-------|------|
| GROUT/BACKFILL | 0' | 57' |
| VOLCLAY | | |

| Interval | Start | Stop |
|---------------|-------------|---------|
| CASING | 0' | 114' |
| SCH 80 PVC/SS | I.D. 3.826" | O.D. 4" |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 240' |
| | | O.D. 7.875" |

| Interval | Start | Stop |
|-------------------|-------|------|
| SEAL | 57' | 65' |
| BENTONITE PELLETS | | |

| Interval | Start | Stop |
|-------------------|-------|------|
| PRIMARY PACK | 65' | 130' |
| 10/20 SILICA SAND | | |

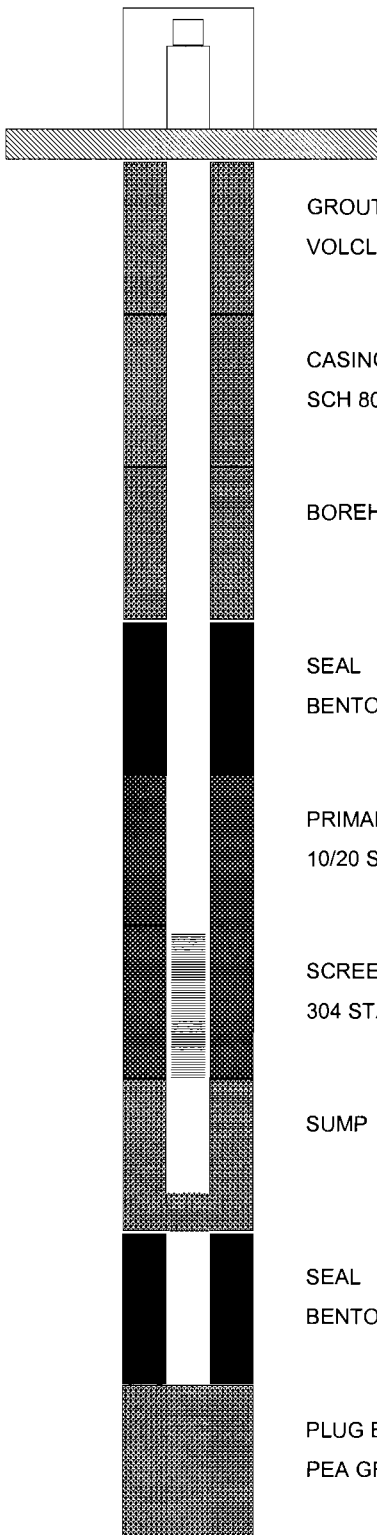
| Interval | Start | Stop |
|---------------------|-------|------|
| SCREEN | 79' | 104' |
| 304 STAINLESS STEEL | | |

Slot Size .01"

| Interval | Start | Stop |
|----------|-------|------|
| SUMP | 104' | 114' |

| Interval | Start | Stop |
|-------------------|-------|------|
| SEAL | 119' | 130' |
| BENTONITE PELLETS | | |

| Interval | Start | Stop |
|------------|-------|------|
| PLUG BACK | 130' | 240' |
| PEA GRAVEL | | |




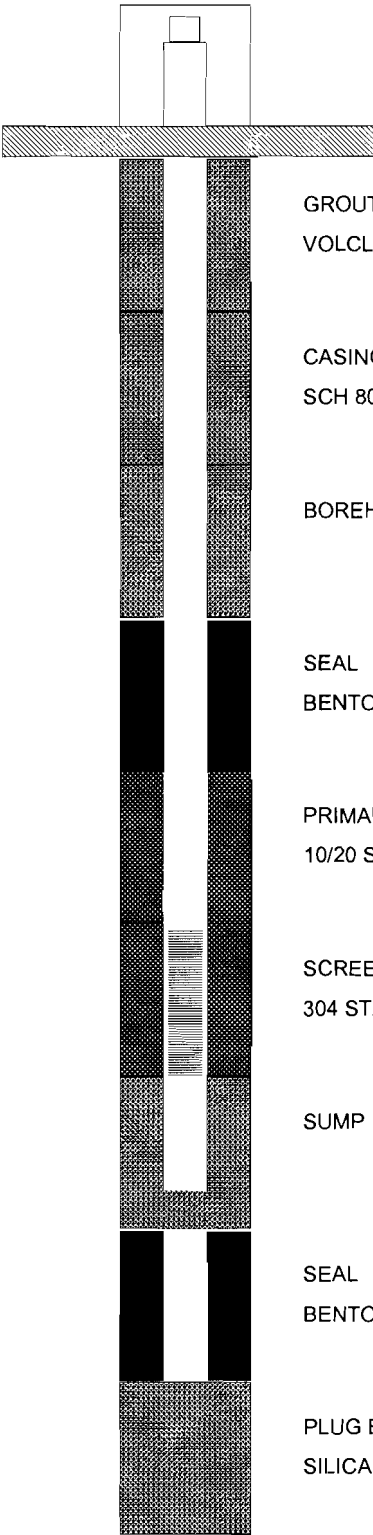
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|----------------|
| Project Name: | IRP | Geo Location: | LAKE CHRISTIAN |
| ER ADS #: | NA | Well Completion Date: | 01-JUL-1992 |
| Well Name: | KAFB-1901 | Completion Zone: | |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 25-JUN-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 240 | | |
| Casing Depth: | 114 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: IRP | Geo Location: LAKE CHRISTIAN |
| ER ADS #: NA | Well Completion Date: 10-JUL-1992 |
| Well Name: KAFB-1902 | Completion Zone: |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 02-JUL-1992 | Well Comment: |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 120 | |
| Casing Depth: 114 | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|--|
| Survey Date: 01-JAN-1997 | | | | | |
| Surveyed By: HALL ENGINEERING COMPANY | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 429657.52 | | | | | |
| (Y) Northing: 1442876.53 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: | | | | | |
| Top of Inner Well Casing: 5751.6 | | | | | |
| Concrete Pad: | | | | | |
| Ground Surface: 5750 | | | | | |
|  | |  | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: (FAMSL) 5662 | | | | | |
| Initial Depth To Water: (FBGS) 88 | | | | | |
| Last measured water level was measured on 05-AUG-1996 | | | | | |
| | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | |

Casing Stickup:

| Interval | Start | Stop |
|---------------------|-------------|-------------|
| GROUT/BACKFILL | 0' | 51' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 114' |
| SCH 80 PVC | I.D. 3.826" | O.D. 4" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 120' |
| | | O.D. 7.875" |
| Interval | Start | Stop |
| SEAL | 51' | 59' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| PRIMARY PACK | 59' | 116' |
| 10/20 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 79' | 104' |
| 304 STAINLESS STEEL | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 104' | 114' |
| Interval | Start | Stop |
| SEAL | 116' | 118' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| PLUG BACK | 118' | 120' |
| SILICA SAND | | |

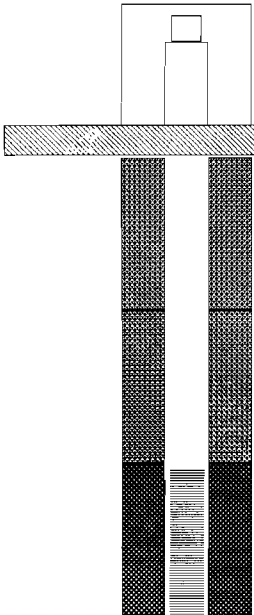
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|----------------|
| Project Name: | IRP | Geo Location: | LAKE CHRISTIAN |
| ER ADS #: | NA | Well Completion Date: | 10-JUL-1992 |
| Well Name: | KAFB-1902 | Completion Zone: | |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 02-JUL-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 120 | | |
| Casing Depth: | 114 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: CENTRAL COYOTE TEST | Geo Location: LAKE CHRISTIAN WATER SUPPLY |
| ER ADS #: 1334 | Well Completion Date: |
| Well Name: KAFB-1903 | Completion Zone: SANDSTONE |
| Well ID Name: KAFB | Formation of Completion: ALLUVIUM/PALEOZOIC SANDSTONE |
| Date Drilling Started: | |
| Drilling Contractor: | Well Comment: ALTERNATE NAME=LAKE CHRISTIAN WEST AND BLAST AREA WELL. CASING IS BELOW GROUND SURFACE. |
| Drilling Method: | |
| Borehole Depth: 72 | WATER LEVEL REFERENCE POINT IS PROTECTIVE CASING. |
| Casing Depth: 73.7 | |

| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1997</p> <p>Surveyed By: HALL ENGINEERING COMPANY</p> <p style="text-align: center;">State Plane Coordinates</p> <p>(X) Easting: 427769.7</p> <p>(Y) Northing: 1442615.52</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 5px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing: 5713.94</p> <p>Concrete Pad: 5709.76</p> <p>Ground Surface: 5714.76</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>72'</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>73.7'</td> </tr> <tr> <td>STEEL</td> <td></td> <td>O.D. 6"</td> </tr> <tr> <td>SCREEN</td> <td>60'</td> <td>72'</td> </tr> <tr> <td>STEEL</td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | BOREHOLE | 0' | 72' | CASING | 0' | 73.7' | STEEL | | O.D. 6" | SCREEN | 60' | 72' | STEEL | | |
|--|--|--|----------|-------|------|----------|----|-----|--------|----|-------|-------|--|---------|--------|-----|-----|-------|--|--|
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 72' | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 73.7' | | | | | | | | | | | | | | | | | | |
| STEEL | | O.D. 6" | | | | | | | | | | | | | | | | | | |
| SCREEN | 60' | 72' | | | | | | | | | | | | | | | | | | |
| STEEL | | | | | | | | | | | | | | | | | | | | |



Calculated Depths and Elevations

| | |
|---------------------------------|---------|
| Initial Water Elevation: | 5656.85 |
| (FAMSL) | |
| Initial Depth To Water: | 55.91 |
| (FBGS) | |

Last measured water level was **FASL**

Measured on 23-SEP-1997

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|---------------------------|------------------|--------------------------|----------------------|
| Project Name: | KAFB IRP | Geo Location: | KAFB CONTRACTOR YARD |
| IR ADS #: | | Well Completion Date: | 01-AUG-1998 |
| Well Name: | KAFB 339-01 | Completion Zone: | PERCHED AQUIFER |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Well Drilling Started: | 01-JUL-1998 | Well Comment: | |
| Well Drilling Contractor: | STEWART BROTHERS | | |
| Well Drilling Method: | ARCH | | |
| Borehole Depth: | 282 | | |
| Casing Depth: | 282 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB IRP | Geo Location: LANDFILL 20 MANZANO BASE |
| ER ADS #: | Well Completion Date: 13-JUL-1998 |
| Well Name: KAFB-2001 | Completion Zone: OVERBURDEN |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | Well Comment: |
| Drilling Contractor: BEYLIK DRILLING CO. | |
| Drilling Method: ARCH | |
| Borehole Depth: 270 | |
| Casing Depth: 270 | |

| | | |
|--|--|---|
| Survey Data | | Completion Data Measured Depths (FBGS) |
| Survey Date: 01-NOV-1998 | | Casing Stickup: 2.14 |
| Surveyed By: HALL ENGINEERING CO. | | |
| State Plane Coordinates | | |
| (X) Easting: 422752.71 | | Interval Start Stop |
| (Y) Northing: 1457750.98 | | GROUT/BACKFILL 0' 235' |
| | | BENTONITE GROUT |
| | | Interval Start Stop |
| | | BOREHOLE 0' 270' |
| | | O.D. 9.625" |
| | | Interval Start Stop |
| | | CASING 0' 270' |
| | | SCH 80 PVC I.D. 4.5" O.D. 5" |
| | | Interval Start Stop |
| | | SEAL 235' 241' |
| | | BENTONITE CHIPS |
| | | Interval Start Stop |
| | | PRIMARY PACK 241' 270' |
| | | 10/20 SILICA SAND |
| | | Interval Start Stop |
| | | SCREEN 245' 265' |
| | | SCH 80 PVC |
| | | Interval Start Stop |
| | | SUMP 265' 270' |

Protective Casing:

Top of Inner Well Casing: 5567.29

Concrete Pad:

Ground Surface: 5565.15

Calculated Depths and Elevations

Initial Water Elevation: 5315.79

(FAMSL)

Initial Depth To Water: 251.5

(FBGS)

Last measured water level was **FASL**

asured on

Date Updated: 05-NOV-03

Date Printed: 12-JAN-2004

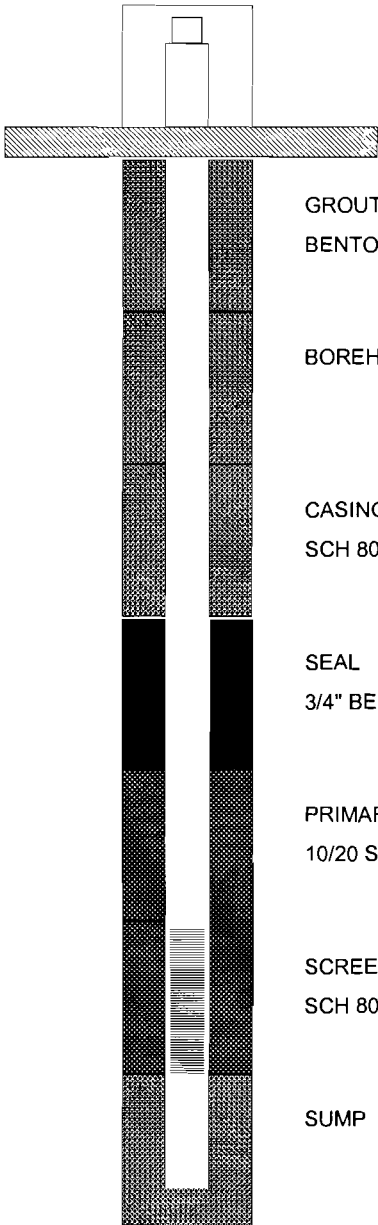

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--------------------------|
| Project Name: | KAFB IRP | Geo Location: | LANDFILL 20 MANZANO BASE |
| ER ADS #: | | Well Completion Date: | 13-JUL-1998 |
| Well Name: | KAFB-2001 | Completion Zone: | OVERBURDEN |
| Operator Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | BEYLIK DRILLING CO. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 270 | | |
| Casing Depth: | 270 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB TRP | Geo Location: LF20 MANZANO BASE |
| ER ADS #: | Well Completion Date: 17-JUL-1998 |
| Well Name: KAFB-2002 | Completion Zone: OVERBURDEN |
| Owner Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | |
| Drilling Contractor: BEYLIK DRILLING CO. | Well Comment: |
| Drilling Method: ARCH | |
| Borehole Depth: 274 | |
| Casing Depth: 274 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | |
|---|---|--|----------------------------------|--------------|---|----------------|---------------------------------------|--------------------|---|---------|------------------|--|--------------------------------|----------------------------------|
| Survey Date: 01-NOV-1998 |  | Casing Stickup: 3.04 | | | | | | | | | | | | |
| Surveyed By: HALL ENGINEERING CO. | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | |
| (X) Easting: 422752.71 | | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>230'</td> </tr> <tr> <td>BENTONITE GROUT</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 230' | BENTONITE GROUT | | | | | |
| Interval | | Start | Stop | | | | | | | | | | | |
| GROUT/BACKFILL | | 0' | 230' | | | | | | | | | | | |
| BENTONITE GROUT | | | | | | | | | | | | | | |
| (Y) Northing: 1457352.9 | | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>274'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 9.625"</td> </tr> </table> | Interval | Start | Stop | BOREHOLE | 0' | 274' | | | O.D. 9.625" | | | |
| Interval | | Start | Stop | | | | | | | | | | | |
| BOREHOLE | | 0' | 274' | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>274'</td> </tr> <tr> <td>SCH 80 PVC</td> <td>I.D. 4.5"</td> <td>O.D. 5"</td> </tr> </table> | Interval | Start | Stop | CASING | 0' | 274' | SCH 80 PVC | I.D. 4.5" | O.D. 5" | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| CASING | 0' | 274' | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 4.5" | O.D. 5" | | | | | | | | | | | | |
| Protective Casing: | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>SEAL</td> <td>230'</td> <td>238'</td> </tr> <tr> <td>3/4" BENT. PELLETS</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | SEAL | 230' | 238' | 3/4" BENT. PELLETS | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SEAL | 230' | 238' | | | | | | | | | | | | |
| 3/4" BENT. PELLETS | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5568.28 | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>238'</td> <td>274'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | PRIMARY PACK | 238' | 274' | 10/20 SILICA SAND | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| PRIMARY PACK | 238' | 274' | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | |
| Concrete Pad: | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>SCREEN</td> <td>242'</td> <td>262'</td> </tr> <tr> <td>SCH 80 PVC</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | SCREEN | 242' | 262' | SCH 80 PVC | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SCREEN | 242' | 262' | | | | | | | | | | | | |
| SCH 80 PVC | | | | | | | | | | | | | | |
| Ground Surface: | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 25%;">Start</td> <td style="width: 25%;">Stop</td> </tr> <tr> <td>SUMP</td> <td>269'</td> <td>274'</td> </tr> </table> | Interval | Start | Stop | SUMP | 269' | 274' | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SUMP | 269' | 274' | | | | | | | | | | | | |
| <div style="display: flex; align-items: center;"> <div style="flex: 1;">  </div> <div style="flex: 2;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: black; color: white;">Calculated Depths and Elevations</th> </tr> </thead> <tbody> <tr> <td>Initial Water Elevation: (FAMSL)</td> <td>251.95</td> </tr> <tr> <td>Initial Depth To Water: (FBGS)</td> <td>5316.33</td> </tr> <tr> <td colspan="2">Last measured water level was FASL</td> </tr> <tr> <td colspan="2">asured on</td> </tr> <tr> <td>Date Updated: 05-NOV-03</td> <td>Date Printed: 12-JAN-2004</td> </tr> </tbody> </table> </div> </div> | | | Calculated Depths and Elevations | | Initial Water Elevation: (FAMSL) | 251.95 | Initial Depth To Water: (FBGS) | 5316.33 | Last measured water level was FASL | | asured on | | Date Updated: 05-NOV-03 | Date Printed: 12-JAN-2004 |
| Calculated Depths and Elevations | | | | | | | | | | | | | | |
| Initial Water Elevation: (FAMSL) | 251.95 | | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) | 5316.33 | | | | | | | | | | | | | |
| Last measured water level was FASL | | | | | | | | | | | | | | |
| asured on | | | | | | | | | | | | | | |
| Date Updated: 05-NOV-03 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | |


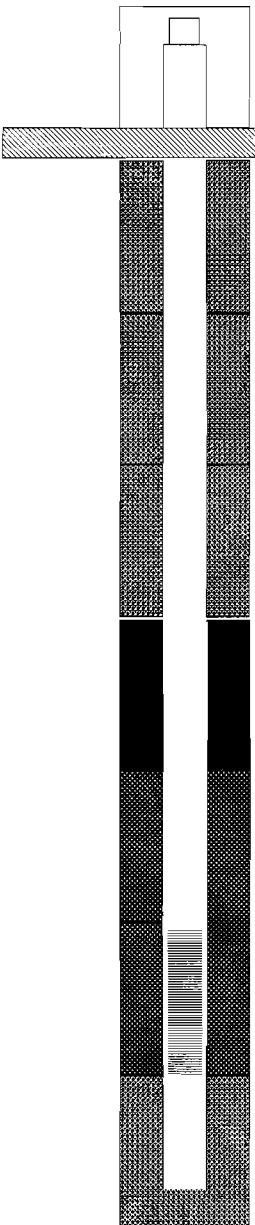
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-------------------|
| Project Name: | KAFB IRP | Geo Location: | LF20 MANZANO BASE |
| ER ADS #: | | Well Completion Date: | 17-JUL-1998 |
| Well Name: | KAFB-2002 | Completion Zone: | OVERBURDEN |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | BEYLIK DRILLING CO. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 274 | | |
| Casing Depth: | 274 | | |



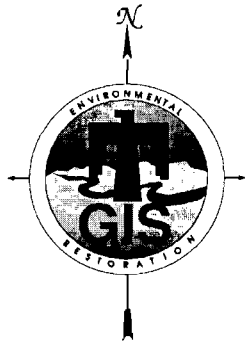
WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB IRP | Geo Location: LF-20 MANZANO BASE |
| ER ADS #: | Well Completion Date: 25-JUL-1998 |
| Well Name: KAFB-2003 | Completion Zone: OVERBURDEN |
| Operator Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: | |
| Drilling Contractor: BEYLIK DRILLING CO. | Well Comment: |
| Drilling Method: ARCH | |
| Borehole Depth: 290.7 | |
| Casing Depth: 290 | |

| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|---|
| Survey Date: 01-NOV-1998 | | | | |
| Surveyed By: HALL ENGINEERING CO. | | | | |
| State Plane Coordinates | | | | |
| (X) Easting: 423057.87 | | | | |
| (Y) Northing: 1457316.99 | | | | |
| Surveyed Elevations (FAMSL) | | | | |
| Protective Casing: | | | | |
| Top of Inner Well Casing: 5579.12 | | | | |
| Concrete Pad: | | | | |
| Ground Surface: 5579.48 | | | | |
|  | |  | | |
| Calculated Depths and Elevations | | | | |
| Initial Water Elevation: 5319.69 (FAMSL) | | | | |
| Initial Depth To Water: 259.43 (FBGS) | | | | |
| Last measured water level was | FASL | | | |
| asured on | | | | |
| Date Updated: 05-NOV-03 | Date Printed: 12-JAN-2004 | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--------------------|
| Project Name: | KAFB IRP | Geo Location: | LF-20 MANZANO BASE |
| ER ADS #: | | Well Completion Date: | 25-JUL-1998 |
| Well Name: | KAFB-2003 | Completion Zone: | OVERBURDEN |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | |
| Drilling Contractor: | BEYLIK DRILLING CO. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 290.7 | | |
| Casing Depth: | 290 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | KAFB-IRP | Geo Location: | SEE WELL COMMENT |
| ER ADS #: | | Well Completion Date: | 08-SEP-1999 |
| Well Name: | KAFB-6301 | Completion Zone: | GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 27-AUG-1999 | Well Comment: | WELL ALSO KNOWN AS RW-06-01. GEOGRAPHIC LOCATION: E. OF RIDING STABLES, W. OF MANZANO AREA. |
| Drilling Contractor: | WDC | | |
| Drilling Method: | ARCH AND MUD ROTARY | | |
| Borehole Depth: | 640 | | |
| Casing Depth: | 561 | | |

Survey Data

Survey Date:
Surveyed By: ALBUQUERQUE SURVEYING

State Plane Coordinates

(X) Easting: 419610.43
(Y) Northing: 1457739.92

Surveyed Elevations (FAMSL)

Protective Casing: 5457.19
Top of Inner Well Casing: 5456.97
Concrete Pad: 5454.8
Ground Surface: 5454.6



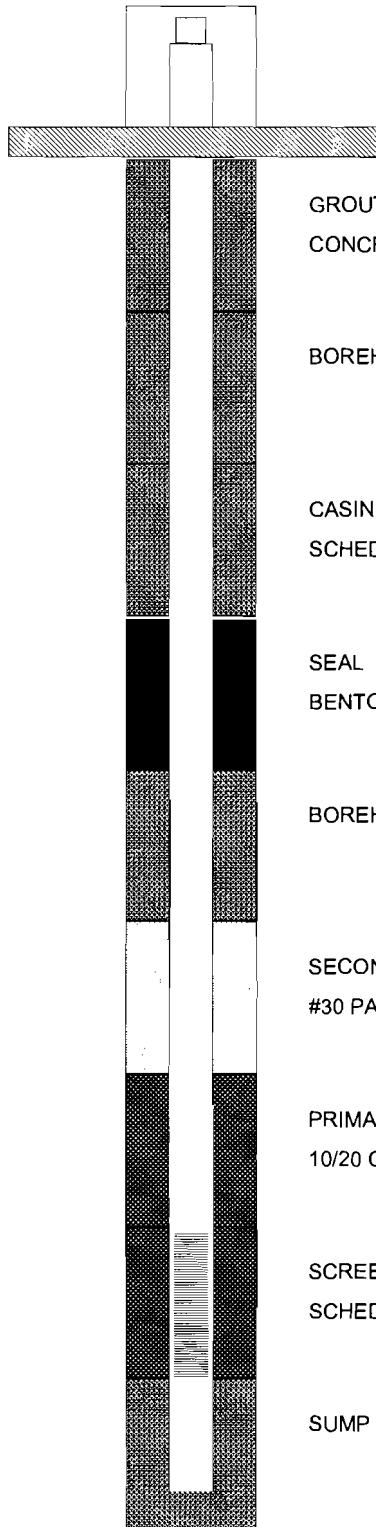
Calculated Depths and Elevations

Initial Water Elevation: 4928.6
(FAMSL)
Initial Depth To Water: 528.4
(FBGS)
Last measured water level was FASL
asured on
Date Updated: 18-SEP-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

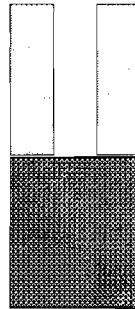
Casing Stickup: 2.4

| | | |
|----------------------|------------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 10' |
| CONCRETE, BENT GROUT | | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 225' |
| | | O.D. 9.625" |
| Interval | Start | Stop |
| CASING | 0' | 561' |
| SCHEDULE 80 PVC | I.D. 3.5" | O.D. 4" |
| Interval | Start | Stop |
| SEAL | 10' | 530' |
| BENTONITE QUICK SEAL | | |
| Interval | Start | Stop |
| BOREHOLE | 225' | 640' |
| | | O.D. 8.5" |
| Interval | Start | Stop |
| SECONDARY PACK | 530' | 532' |
| #30 PARAGON SAND | | |
| Interval | Start | Stop |
| PRIMARY PACK | 532' | 587' |
| 10/20 CO SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 535' | 560' |
| SCHEDULE 80 PVC | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 560' | 561' |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB-IRP | Geo Location: SEE WELL COMMENT |
| ER ADS #: | Well Completion Date: 08-SEP-1999 |
| Well Name: KAFB-6301 | Completion Zone: GRAVEL |
| Well Name: KAFB | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 27-AUG-1999 | Well Comment: WELL ALSO KNOWN AS RW-06-01. GEOGRAPHIC LOCATION: E. OF RIDING STABLES, W. OF MANZANO AREA. |
| Drilling Contractor: WDC | |
| Drilling Method: ARCH AND MUD ROTARY | |
| Borehole Depth: 640 | |
| Casing Depth: 561 | |



| Interval | Start | Stop |
|----------------------|-------|------|
| SECONDARY PACK | 587' | 589' |
| #30 PARAGON SAND | | |
| Interval | Start | Stop |
| PLUG BACK | 589' | 640' |
| SEE INTERVAL COMMENT | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|-----------------|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | WEST OF AREA I |
| ER ADS #: | NA | Well Completion Date: | 01-AUG-1949 |
| Well Name: | KAFB-1 | Completion Zone: | COMPACTED SAND |
| Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-MAR-1949 | Well Comment: | DATES NOT EXACT |
| Drilling Contractor: | VL WHEELER | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1199 | | |
| Casing Depth: | 1199 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 407858.981

(Y) Northing: 1473514.968

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

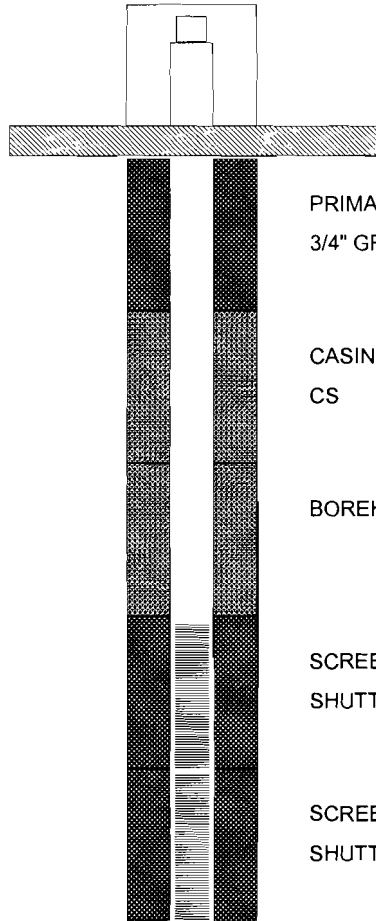
Ground Surface: 5383.79



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|---------------|-----------|----------|
| PRIMARY PACK | 0' | 1199' |
| 3/4" GRAVEL | | |
| Interval | Start | Stop |
| CASING | 0' | 1199' |
| CS | | O.D. 12" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1199' |
| | | O.D. 24" |
| Interval | Start | Stop |
| SCREEN | 550' | 800' |
| SHUTTER STEEL | | |
| | Slot Size | .25" |
| Interval | Start | Stop |
| SCREEN | 970' | 1199' |
| SHUTTER STEEL | | |
| | Slot Size | .25" |



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

427

Initial Depth To Water:
(FBGS)

Last measured water level was
measured on

FASL

Date Updated:
14-MAR-00

Date Printed:
12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|-----------------|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | WEST OF AREA I |
| ER ADS #: | NA | Well Completion Date: | 01-AUG-1949 |
| Well Name: | KAFB-1 | Completion Zone: | COMPACTED SAND |
| Driller Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-MAR-1949 | Well Comment: | DATES NOT EXACT |
| Drilling Contractor: | VL WHEELER | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1199 | | |
| Casing Depth: | 1199 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|-----------------|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | FAR NORTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 01-OCT-1949 |
| Well Name: | KAFB-3 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-AUG-1949 | Well Comment: | |
| Drilling Contractor: | ROSCOE MOSS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 900 | | |
| Casing Depth: | 900 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 406572.699

(Y) Northing: 1479061.578

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

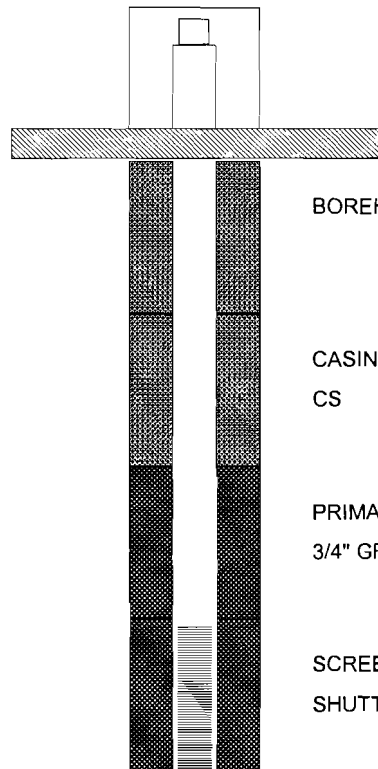
Concrete Pad:

Ground Surface: 5354.26



Completion Data Measured Depths (FBGS)

Casing Stickup:



| Interval | Start | Stop |
|----------------|-----------|----------|
| BOREHOLE | 0' | 900' |
| | | O.D. 24" |
| Interval | Start | Stop |
| CASING | 0' | 900' |
| CS | | O.D. 14" |
| Interval | Start | Stop |
| PRIMARY PACK | 0' | 900' |
| 3/4" GRAVEL | | |
| Interval | Start | Stop |
| SCREEN | 452' | 900' |
| SHUTTER SCREEN | | |
| | Slot Size | .25" |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL) 407

Initial Depth To Water:
(FBGS)

Last measured water level was FASL

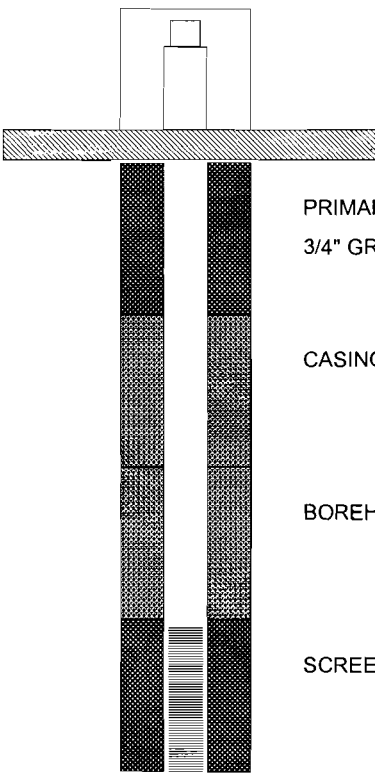

measured on

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

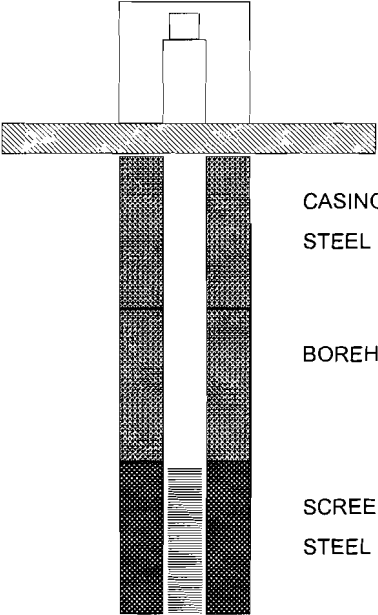
| | |
|---|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: TRESTLE SITE |
| ER ADS #: NA | Well Completion Date: 01-DEC-1949 |
| Well Name: KAFB-4 | Completion Zone: CLAY/SAND/ROCKS |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-AUG-1949 | Well Comment: |
| Drilling Contractor: ROSCOE MOSS | |
| Drilling Method: ROTARY | |
| Borehole Depth: 1000 | |
| Casing Depth: 1000 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|----------|-------|------|--|--------------|----|-------|--|-------------|--|--|--|----------|--|--|--|--------|----|-------|--|--|--|------|-----|----------|--|--|--|----------|----|-------|--|--|--|------|-----|----------|--|--|--|--------|------|-------|--|
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | Casing Stickup: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>PRIMARY PACK</td> <td>0'</td> <td>1000'</td> <td></td> </tr> <tr> <td>3/4" GRAVEL</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">Interval</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>1000'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D.</td> <td>14"</td> </tr> <tr> <td colspan="4" style="text-align: center;">Interval</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>1000'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D.</td> <td>24"</td> </tr> <tr> <td colspan="4" style="text-align: center;">Interval</td> </tr> <tr> <td>SCREEN</td> <td>494'</td> <td>1000'</td> <td></td> </tr> </table> | Interval | Start | Stop | | PRIMARY PACK | 0' | 1000' | | 3/4" GRAVEL | | | | Interval | | | | CASING | 0' | 1000' | | | | O.D. | 14" | Interval | | | | BOREHOLE | 0' | 1000' | | | | O.D. | 24" | Interval | | | | SCREEN | 494' | 1000' | |
| Interval | | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | | 0' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/4" GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. | 14" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. | 24" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 494' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 407500.164 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1468115.487 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thickness of Inner Well Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5357.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Calculated Depths and Elevations | |
|---|-------------------------------------|
| Initial Water Elevation: (FAMSL) | 4954.6 |
| Initial Depth To Water: (FBGS) | 407 |
| Last measured water level was measured on | FASL |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: KAFB WATER SUPPLY | Geo Location: FAR NORTH KAFB |
| ER ADS #: NA | Well Completion Date: 01-JUL-1952 |
| Well Name: KAFB-5 | Completion Zone: CLAY AND BOULDERS |
| Well ID Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-JUL-1952 | Well Comment: OPEN WELL, WELL NON-OPERATIONAL DUE TO CASING COLLAPSE |
| Drilling Contractor: HAROLD P DOTY | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1004 | |
| Casing Depth: 1004 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | |
|------------------------------------|--|---|----------|-------|------|----------|------|-------|-------|--|----------|
| Survey Date: | | | | | | | | | | | |
| Surveyed By: | | Casing Stickup: | | | | | | | | | |
| State Plane Coordinates | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>CASING</td> <td>0'</td> <td>1004'</td> </tr> <tr> <td>STEEL</td> <td></td> <td>O.D. 14"</td> </tr> </table> | Interval | Start | Stop | CASING | 0' | 1004' | STEEL | | O.D. 14" |
| Interval | Start | Stop | | | | | | | | | |
| CASING | 0' | 1004' | | | | | | | | | |
| STEEL | | O.D. 14" | | | | | | | | | |
| (X) Easting: 412730.238 | | | | | | | | | | | |
| (Y) Northing: 1478239.861 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>1004'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 24"</td> </tr> </table> | Interval | Start | Stop | BOREHOLE | 0' | 1004' | | | O.D. 24" |
| Interval | Start | Stop | | | | | | | | | |
| BOREHOLE | 0' | 1004' | | | | | | | | | |
| | | O.D. 24" | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | |
| Top of Inner Well Casing: | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> <tr> <td>SCREEN</td> <td>504'</td> <td>1004'</td> </tr> <tr> <td>STEEL</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | SCREEN | 504' | 1004' | STEEL | | |
| Interval | Start | Stop | | | | | | | | | |
| SCREEN | 504' | 1004' | | | | | | | | | |
| STEEL | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | |
| Ground Surface: 5436.28 | | | | | | | | | | | |

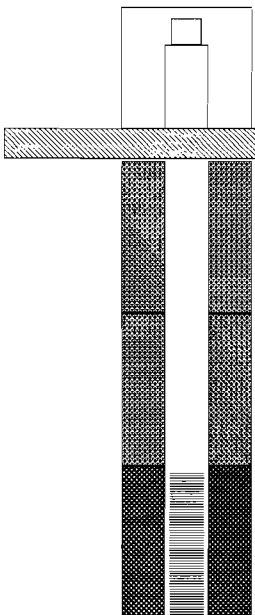


| | |
|---|-------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 4967.7 |
| (FAMSL) | |
| Initial Depth To Water: | 466 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on 13-SEP-1995 | |

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: TA-I |
| ER ADS #: NA | Well Completion Date: 01-JUL-1952 |
| Well Name: KAFB-6 | Completion Zone: CLAY AND BOULDERS |
| Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-JUL-1952 | Well Comment: PLUGGED AND ABANDONED 1985. CEMENTED, BURIED. |
| Drilling Contractor: HAROLD P DOTY | |
| Drilling Method: ROTARY | |
| Borehole Depth: 1006 | |
| Casing Depth: 1006 | |

| Survey Data | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------|-------|------|----------|----|-------|--|--|----------|----------|-------|------|--------|----|-------|----|--|----------|----------|-------|------|--------|------|-------|-------|--|--|--|-----------|------|
| Survey Date: Surveyed By: State Plane Coordinates (X) Easting: 412867 (Y) Northing: 1472157 | <div style="display: flex; align-items: center;">  <div> <p>Casing Stickup:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Interval</th> <th style="text-align: center;">Start</th> <th style="text-align: center;">Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td style="text-align: center;">0'</td> <td style="text-align: center;">1006'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">O.D. 24"</td> </tr> <tr> <td>Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: center;">0'</td> <td style="text-align: center;">1006'</td> </tr> <tr> <td>CS</td> <td></td> <td style="text-align: center;">O.D. 14"</td> </tr> <tr> <td>Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: center;">504'</td> <td style="text-align: center;">1006'</td> </tr> <tr> <td>STEEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Slot Size</td> <td style="text-align: center;">.25"</td> </tr> </tbody> </table> </div> </div> | Interval | Start | Stop | BOREHOLE | 0' | 1006' | | | O.D. 24" | Interval | Start | Stop | CASING | 0' | 1006' | CS | | O.D. 14" | Interval | Start | Stop | SCREEN | 504' | 1006' | STEEL | | | | Slot Size | .25" |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 1006' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 24" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 1006' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CS | | O.D. 14" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 504' | 1006' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .25" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: Top of Inner Well Casing: Concrete Pad: Ground Surface: 5420.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Calculated Depths and Elevations | |
|---|----------------------|
| Initial Water Elevation: | 4962.8 |
| (FAMSL) | |
| Initial Depth To Water: | 458 |
| (FBGS) | |
| Last measured water level was FASL asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|--------------------|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | END OF EAST RUNWAY |
| ER ADS #: | NA | Well Completion Date: | 01-FEB-1955 |
| Well Name: | KAFB-7 | Completion Zone: | SANDY GRAVEL |
| Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-AUG-1949 | Well Comment: | |
| Drilling Contractor: | ROSCOE MOSS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1010 | | |
| Casing Depth: | 1010 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 404433.511

(Y) Northing: 1470731.525

Surveyed Elevations (FAMSL)

Protective Casing:

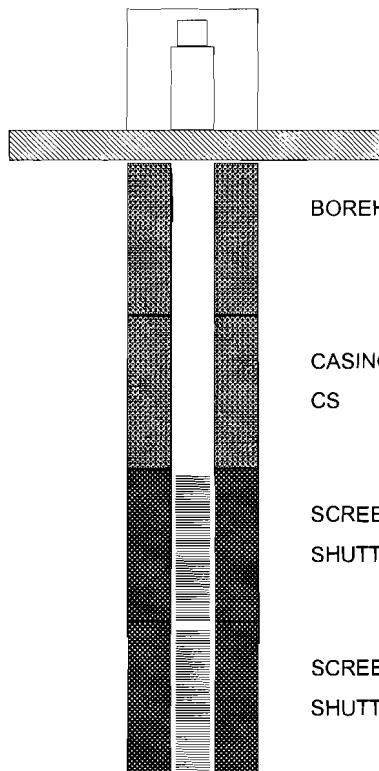
Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5347.7



Completion Data Measured Depths (FBGS)



Casing Stickup:

| Interval | Start | Stop |
|----------------|-----------|----------|
| BOREHOLE | 0' | 1010' |
| | O.D. | 28" |
| Interval | Start | Stop |
| CASING | 0' | 1010' |
| CS | | O.D. 16" |
| Interval | Start | Stop |
| SCREEN | 448' | 856' |
| SHUTTER SCREEN | | |
| | Slot Size | .25" |
| Interval | Start | Stop |
| SCREEN | 880' | 976' |
| SHUTTER SCREEN | | |
| | Slot Size | .25" |

Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water: 395
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: TOP OF N. END OF ARROYO BRIDGE |
| ER ADS #: NA | Well Completion Date: 01-FEB-1955 |
| Well Name: KAFB-8 | Completion Zone: SAND AND GRAVEL |
| Well ID: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-FEB-1955 | Well Comment: WELL WAS ABANDONED IMPROPERLY. PUMP PULLED 1993: WELL HEAD DESTROYED 2000, BUT WELL PROBABLY NOT GROUTED. ABANDONED WELL - CASING LINER INSTALLED 1976 WITH SCREEN INTERVAL FROM 548-812 |
| Drilling Contractor: ROSCOE MOSS | |
| Drilling Method: ROTARY | |
| Borehole Depth: 1000 | |
| Casing Depth: 1000 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 410840.826

(Y) Northing: 1466903.437

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5369.33

Concrete Pad:

Ground Surface: 5369.33



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------|-------|----------|
| CASING | 0' | 1000' |
| STEEL | | O.D. 14" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1000' |
| | | O.D. 28" |
| Interval | Start | Stop |
| SCREEN | 440' | 634' |
| STEEL | | |
| Interval | Start | Stop |
| SCREEN | 669' | 975' |
| STEEL | | |

Calculated Depths and Elevations

Initial Water Elevation: 4885.33
(FAMSL)

Initial Depth To Water: 484
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: KAFB WATER SUPPLY | Geo Location: MANZANO GATE |
| ER ADS #: NA | Well Completion Date: 01-OCT-1949 |
| Well Name: KAFB-9 | Completion Zone: |
| Well Owner Name: KAFB | Formation of Completion: |
| Date Drilling Started: 01-OCT-1949 | Well Comment: ABANDONED IN 1970 AFTER CAVE-IN SAND LOCKED PUMP |
| Drilling Contractor: RL WHEELER | |
| Drilling Method: ROTARY | |
| Borehole Depth: 650 | COMPLETION DETAILS UNKNOWN - ABANDONED IN 1970 |
| Casing Depth: | |

Survey Data

Survey Date: 01-APR-1991
Surveyed By: SNL

State Plane Coordinates

(X) Easting: 421091.834
(Y) Northing: 1457405.012

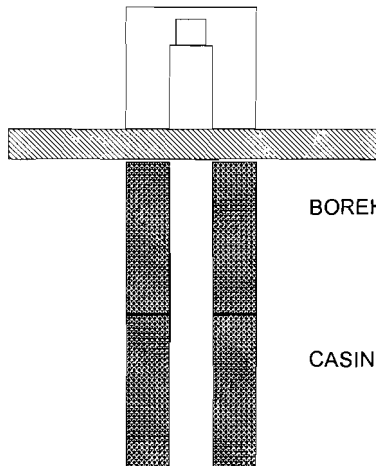
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5498.52

Concrete Pad:

Ground Surface: 5498.52



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------|-------|------|
| BOREHOLE | 0' | 650' |
| | O.D. | 20" |
| Interval | Start | Stop |
| CASING | I.D. | 10" |

Calculated Depths and Elevations

Initial Water Elevation: 4948.52
(FAMSL)
Initial Depth To Water: 550
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: TA-III |
| ER ADS #: NA | Well Completion Date: 27-MAY-1959 |
| Well Name: KAFB-10 | Completion Zone: LIMESTONE |
| Owner Name: KAFB | Formation of Completion: PALEOZOIC |
| Date Drilling Started: 01-NOV-1958 | Well Comment: TOP OF PALEOZOIC LIMESTONE BEDROCK AT 1025 FEET |
| Drilling Contractor: HAROLD P DOTY | |
| Drilling Method: ROTARY | |
| Borehole Depth: 1050 | PLUGGED AND ABANDONED APRIL 1996 |
| Casing Depth: | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 413785.945

(Y) Northing: 1455117.393

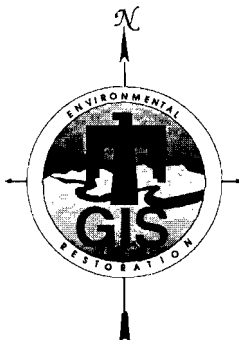
Surveyed Elevations (FAMSL)

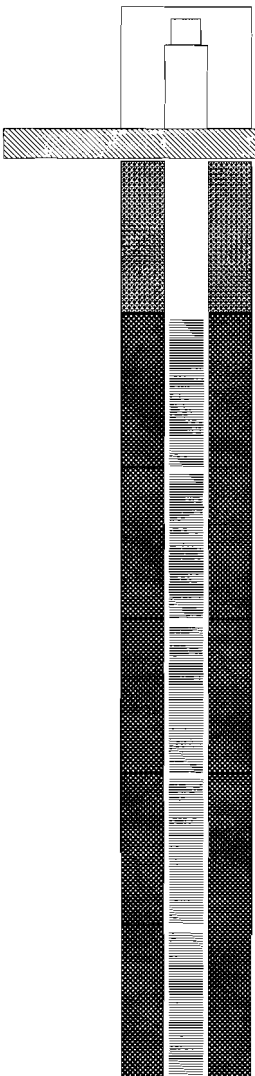
Protective Casing:

Top of Inner Well Casing: 5415.98

Concrete Pad:

Ground Surface: 5415.98





Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------|-------|----------|
| BOREHOLE | 0' | 1050' |
| | | O.D. 20" |
| Interval | Start | Stop |
| SCREEN | 495' | 505' |
| Interval | Start | Stop |
| SCREEN | 542' | 577' |
| Interval | Start | Stop |
| SCREEN | 672' | 682' |
| Interval | Start | Stop |
| SCREEN | 700' | 710' |
| Interval | Start | Stop |
| SCREEN | 804' | 814' |

Calculated Depths and Elevations

Initial Water Elevation: 4921.98
(FAMSL)

Initial Depth To Water: 494
(FBGS)

Last measured water level was 4917.83 **FASL**
asured on 19-DEC-1995

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | TA-III |
| ER ADS #: | NA | Well Completion Date: | 27-MAY-1959 |
| Well Name: | KAFB-10 | Completion Zone: | LIMESTONE |
| Driller Name: | KAFB | Formation of Completion: | PALEOZOIC |
| Date Drilling Started: | 01-NOV-1958 | Well Comment: | TOP OF PALEOZOIC LIMESTONE BEDROCK AT 1025 FEET |
| Drilling Contractor: | HAROLD P DOTY | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1050 | | PLUGGED AND ABANDONED APRIL 1996 |
| Casing Depth: | | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|--|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: NORTH KAFB | |
| ER ADS #: NA | Well Completion Date: 10-APR-1972 | |
| Well Name: KAFB-11 | Completion Zone: CLAY AND GRAVEL | |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE | |
| Date Drilling Started: 18-JAN-1972 | Well Comment: *SUSPECT ELEVATION | |
| Drilling Contractor: LAYNE TEXAS | | |
| Drilling Method: ROTARY | | |
| Borehole Depth: 1437 | CASING ELEVATION FROM STATE ENGINEER WELL RECORD | |
| Casing Depth: 1327 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 418585.545

(Y) Northing: 1470267.347

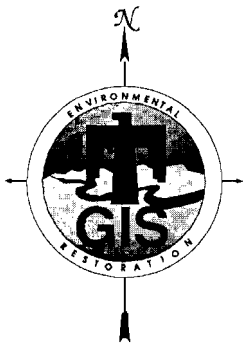
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5468

Concrete Pad:

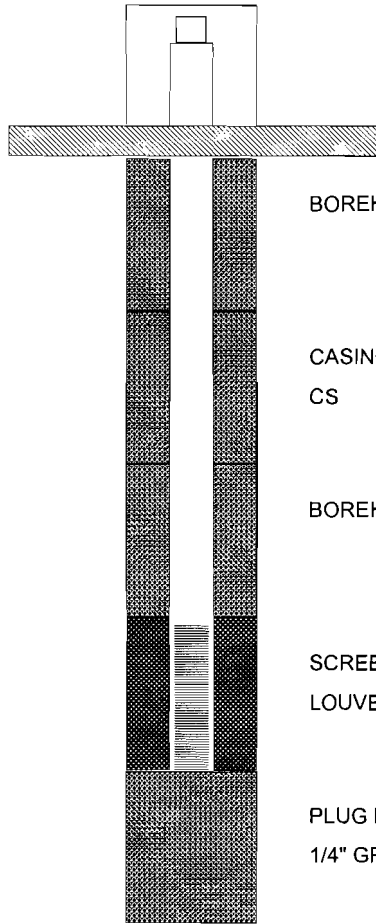
Ground Surface: 5478.25



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------|------------------|----------|
| BOREHOLE | 0' | 100' |
| | | O.D. 36" |
| Interval | Start | Stop |
| CASING | 0' | 1327' |
| CS | | O.D. 16" |
| Interval | Start | Stop |
| BOREHOLE | 100' | 1437' |
| | | O.D. 28" |
| Interval | Start | Stop |
| SCREEN | 670' | 1327' |
| LOUVERED STEEL | | |
| | Slot Size | .09" |
| Interval | Start | Stop |
| PLUG BACK | 1327' | 1437' |
| 1/4" GRAVEL | | |



Calculated Depths and Elevations

Initial Water Elevation: 4923

(FAMSL)

Initial Depth To Water: 545

(FBGS)

Last measured water level was FASL

asured on

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|--|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | NORTH KAFB |
| ER ADS #: | NA | Well Completion Date: | 10-APR-1972 |
| Well Name: | KAFB-11 | Completion Zone: | CLAY AND GRAVEL |
| Well ID Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 18-JAN-1972 | Well Comment: | *SUSPECT ELEVATION |
| Drilling Contractor: | LAYNE TEXAS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1437 | | CASING ELEVATION FROM STATE ENGINEER WELL RECORD |
| Casing Depth: | 1327 | | |



WELL DATABASE SUMMARY SHEET

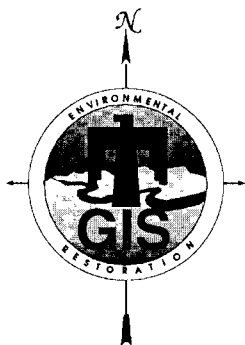
| | | | |
|------------------------|-------------------|--------------------------|--|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | KAFB NORTH RUNWAY |
| ER ADS #: | NA | Well Completion Date: | 01-OCT-1952 |
| Well Name: | KAFB-12 | Completion Zone: | SAND AND GRAVEL |
| or Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JAN-1952 | Well Comment: | 3 SCREENS AT DIFFERING INTERVALS VIDEO TAPE 1976 |
| Drilling Contractor: | | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1032 | | |
| Casing Depth: | 1032 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|---|------------|
| Survey Date: | | Casing Stickup: | |
| Surveyed By: | | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 394246.227 | BOREHOLE | 0' 1032' |
| (Y) Northing: | 1476293.672 | | O.D. 28" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| | | CASING | 0' 1032' |
| | | STEEL | O.D. 16" |
| Protective Casing: | | Interval | Start Stop |
| Top of Inner Well Casing: | 5320.2 | PRIMARY PACK | 0' 1032' |
| Concrete Pad: | | 3/8 GRAVEL | |
| Ground Surface: | 5321.458 | Interval | Start Stop |
| | | SCREEN | 446' 625' |
| | | SHUTTERED STEEL | |
| | | Slot Size | .375" |
| | | Interval | Start Stop |
| | | SCREEN | 665' 740' |
| | | SHUTTERED STEEL | |
| | | Slot Size | .375" |
| | | Interval | Start Stop |
| | | SCREEN | 850' 1032' |
| | | SHUTTERED STEEL | |
| | | Slot Size | .375" |

| Calculated Depths and Elevations | |
|----------------------------------|--------|
| Initial Water Elevation: | 4885.2 |
| (FAMSL) | |
| Initial Depth To Water: | 358 |
| (FBGS) | |

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



WELL DATABASE SUMMARY SHEET

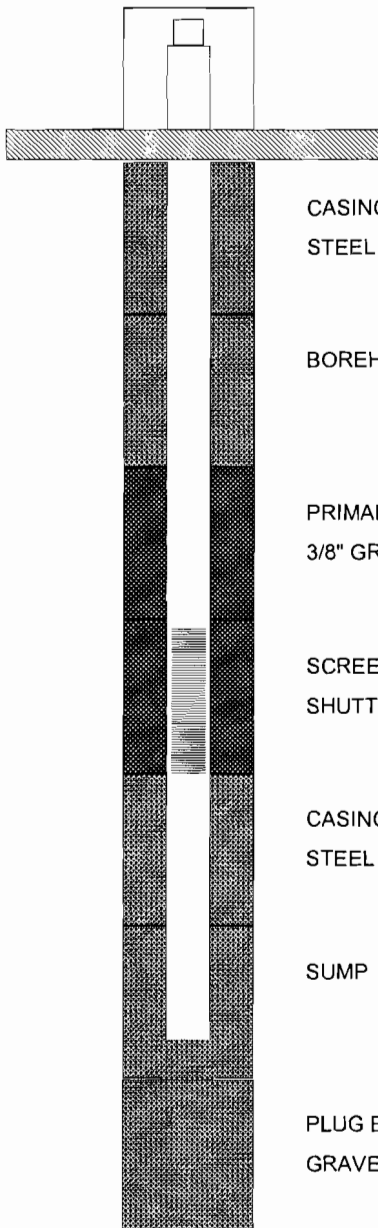
| | | | |
|-------------------------------|-------------------|---------------------------------|--|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | KAFB NORTH RUNWAY |
| ER ADS #: | NA | Well Completion Date: | 01-OCT-1952 |
| Well Name: | KAFB-12 | Completion Zone: | SAND AND GRAVEL |
| Well ID Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JAN-1952 | Well Comment: | 3 SCREENS AT DIFFERING INTERVALS VIDEO TAPE 1976 |
| Drilling Contractor: | | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1032 | | |
| Casing Depth: | 1032 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|---------------|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | W OF N RUNWAY |
| ADS #: | NA | Well Completion Date: | 01-MAR-1956 |
| Well Name: | KAFB-13 | Completion Zone: | SAND |
| Site Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-MAR-1956 | Well Comment: | |
| Drilling Contractor: | LAYNE TEXAS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1000 | | |
| Casing Depth: | 977 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|----------------------------------|---|----------------|
| Survey Date: | Casing Stickup: | |
| Surveyed By: | | |
| State Plane Coordinates | Interval | Start Stop |
| (X) Easting: 391153.188 | CASING | 0' 519' |
| (Y) Northing: 1474607.36 | STEEL | O.D. 14" |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| | BOREHOLE | 0' 1000' |
| | | O.D. 28" |
| Protective Casing: | Interval | Start Stop |
| Depth of Inner Well Casing: 5303 | PRIMARY PACK | 0' 1000' |
| Concrete Pad: | 3/8" GRAVEL | |
| Ground Surface: 5304.293 | Interval | Start Stop |
| | SCREEN | 413' 953' |
| | SHUTTERED STEEL | Slot Size .18" |
| | Interval | Start Stop |
| | CASING | 519' 977' |
| | STEEL | O.D. 10" |
| | Interval | Start Stop |
| | SUMP | 953' 977' |
| | Interval | Start Stop |
| | PLUG BACK | 977' 1000' |
| | GRAVEL | |



| Calculated Depths and Elevations | |
|----------------------------------|------|
| Initial Water Elevation: | 4947 |
| (FAMSL) | |
| Initial Depth To Water: | 356 |
| (FBGS) | |

Last measured water level was FASL
measured on

Date Updated: 4-MAR-00
Date Printed: 12-JAN-2004

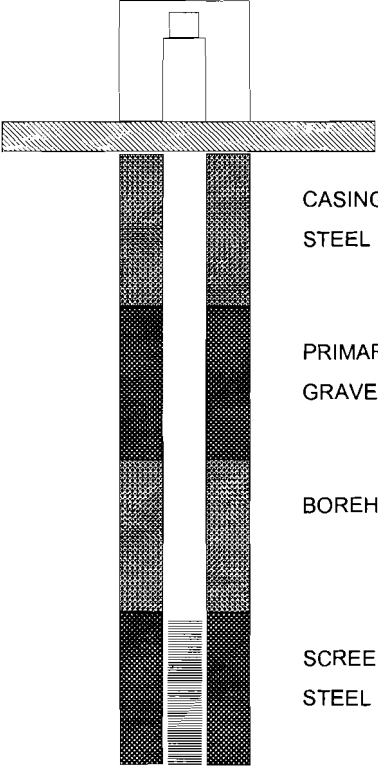

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|---------------|
| Project Name: | KAFB WATER SUPPLY | Geo Location: | W OF N RUNWAY |
| R ADS #: | NA | Well Completion Date: | 01-MAR-1956 |
| Well Name: | KAFB-13 | Completion Zone: | SAND |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-MAR-1956 | Well Comment: | |
| Drilling Contractor: | LAYNE TEXAS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1000 | | |
| Casing Depth: | 977 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB WATER SUPPLY | Geo Location: GKAFB PARKING APRON |
| IR ADS #: NA | Well Completion Date: 01-JAN-1969 |
| Well Name: KAFB-14 | Completion Zone: SAND |
| Driller Name: KAFB | Formation of Completion: SANTA FE |
| Drilling Started: 01-JAN-1969 | Well Comment: |
| Drilling Contractor: CHAPARRAL DRILLING COMPAN | |
| Drilling Method: ROTARY | |
| Borehole Depth: 1000 | |
| Casing Depth: 1000 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|-------|------|--------|----|-------|-------|--|----------|----------|-------|------|--------------|----|-------|--------|--|--|----------|-------|------|----------|----|-------|--|--|----------|----------|-------|------|--------|------|-------|-------|--|--|--|------------------|-------|
| Survey Date: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: | | Casing Stickup: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>1000'</td> </tr> <tr> <td>STEEL</td> <td></td> <td>O.D. 16"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>0'</td> <td>1000'</td> </tr> <tr> <td>GRAVEL</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>1000'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 28"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>380'</td> <td>1000'</td> </tr> <tr> <td>STEEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Slot Size</td> <td>.125"</td> </tr> </tbody> </table> | Interval | Start | Stop | CASING | 0' | 1000' | STEEL | | O.D. 16" | Interval | Start | Stop | PRIMARY PACK | 0' | 1000' | GRAVEL | | | Interval | Start | Stop | BOREHOLE | 0' | 1000' | | | O.D. 28" | Interval | Start | Stop | SCREEN | 380' | 1000' | STEEL | | | | Slot Size | .125" |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | | O.D. 16" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 0' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRAVEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 28" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 380' | 1000' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .125" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 396550.486 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1473885.926 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Depth of Inner Well Casing: 5322 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5321.458 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 4962 |
| (FAMSL) | |
| Initial Depth To Water: | 360 |
| (FBGS) | |
| Last measured water level was | FASL |
| measured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SWHC | Geo Location: LARGE MLT FACILITY NORTH |
| ER ADS #: 1330 | Well Completion Date: 11-AUG-1995 |
| Well Name: LMF-1 | Completion Zone: FRACTURED LIMESTONE |
| Driller Name: SNL | Formation of Completion: ABO FM. |
| Date Drilling Started: 02-AUG-1995 | Well Comment: PLUGGED AND ABANDONED. REDEVELOPED SEPTEMBER 1997. |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 410 | |
| Casing Depth: 360 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|---|----------|-------|------|----------------|----|------|---------|--|--|--|--|--|----------|-------|------|--------|----|------|------------|-------------|-----------|--|--|--|----------|-------|------|------|------|------|----------------------|--|--|--|--|--|----------|-------|------|-------------------------|------|------|-------|--|--|--|--|--|----------|-------|------|-----------------------|------|------|-------|--|--|--|--|--|----------|-------|------|--------|------|------|-------------|--|--|--|--|--|----------|-------|------|------|------|------|--|--|--|----------|-------|------|-----------|------|------|----------------------|--|--|
| Survey Date: 06-SEP-1995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: GREINER INC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Casing Stickup: 2.2 <table style="width: 100%;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">260'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">360'</td> </tr> <tr> <td>SCH 80 PVC</td> <td style="text-align: right;">I.D. 4.125"</td> <td style="text-align: right;">O.D. 4.5"</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SEAL</td> <td style="text-align: right;">260'</td> <td style="text-align: right;">293'</td> </tr> <tr> <td>BENT PELLETS/.1 SAND</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SECONDARY PACK INTERVAL</td> <td style="text-align: right;">293'</td> <td style="text-align: right;">303'</td> </tr> <tr> <td>40/60</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PRIMARY PACK INTERVAL</td> <td style="text-align: right;">303'</td> <td style="text-align: right;">363'</td> </tr> <tr> <td>10/20</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">310'</td> <td style="text-align: right;">350'</td> </tr> <tr> <td>SCH. 80 PVC</td> <td></td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>SUMP</td> <td style="text-align: right;">350'</td> <td style="text-align: right;">360'</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> <tr> <td>PLUG BACK</td> <td style="text-align: right;">363'</td> <td style="text-align: right;">410'</td> </tr> <tr> <td>MED. BENTONITE CHIPS</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 260' | VOLCLAY | | | | | | Interval | Start | Stop | CASING | 0' | 360' | SCH 80 PVC | I.D. 4.125" | O.D. 4.5" | | | | Interval | Start | Stop | SEAL | 260' | 293' | BENT PELLETS/.1 SAND | | | | | | Interval | Start | Stop | SECONDARY PACK INTERVAL | 293' | 303' | 40/60 | | | | | | Interval | Start | Stop | PRIMARY PACK INTERVAL | 303' | 363' | 10/20 | | | | | | Interval | Start | Stop | SCREEN | 310' | 350' | SCH. 80 PVC | | | | | | Interval | Start | Stop | SUMP | 350' | 360' | | | | Interval | Start | Stop | PLUG BACK | 363' | 410' | MED. BENTONITE CHIPS | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 260' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 360' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH 80 PVC | I.D. 4.125" | O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 260' | 293' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENT PELLETS/.1 SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK INTERVAL | 293' | 303' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40/60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK INTERVAL | 303' | 363' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 310' | 350' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH. 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 350' | 360' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 363' | 410' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MED. BENTONITE CHIPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates (X) Easting: 423190.65 (Y) Northing: 1447713.474 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: 5626.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5625.927 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5623.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5623.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: 5280.23 (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 345.7 (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was FASL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on 23-SEP-1997 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | LARGE MLT FACILITY NORTH |
| ER ADS #: | 1330 | Well Completion Date: | 11-AUG-1995 |
| Well Name: | LMF-1 | Completion Zone: | FRACTURED LIMESTONE |
| Operator Name: | SNL | Formation of Completion: | ABO FM. |
| Date Drilling Started: | 02-AUG-1995 | Well Comment: | PLUGGED AND ABANDONED. REDEVELOPED SEPTEMBER 1997. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 410 | | |
| Casing Depth: | 360 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: CITY WATER SUPPLY | Geo Location: 1 BLOCK N CENT. 1 BLK E EUBANK |
| ER ADS #: NA | Well Completion Date: 03-NOV-1978 |
| Well Name: LOMAS 5 | Completion Zone: SAND AND GRAVEL |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Date Drilling Started: 26-SEP-1978 | Well Comment: USED TO BE LOMAS 7 |
| Drilling Contractor: ROSCOE MOSS | |
| Drilling Method: ROTARY AND CABLE TOOL | |
| Borehole Depth: 1707 | |
| Casing Depth: 1670 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 418213.28

(Y) Northing: 1481745

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

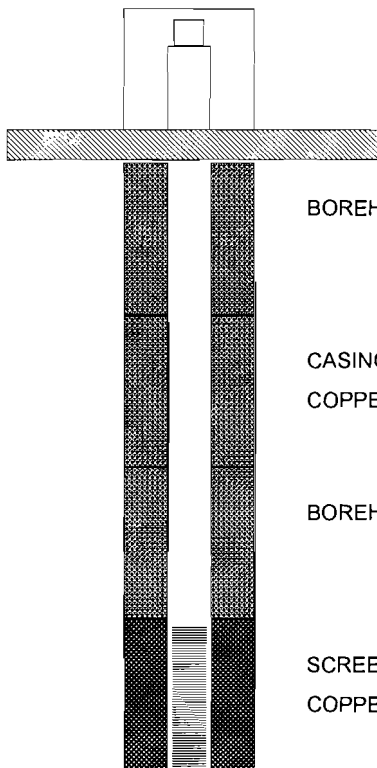
Ground Surface: 5494



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------|------------------|------------|
| BOREHOLE | 0' | 100' |
| | | O.D. 37.5" |
| Interval | Start | Stop |
| CASING | 0' | 1670' |
| COPPER BEARING | I.D. 18" | |
| Interval | Start | Stop |
| BOREHOLE | 100' | 1707' |
| | | O.D. 30" |
| Interval | Start | Stop |
| SCREEN | 830' | 1658' |
| COPPER BEARING | | |
| | Slot Size | .125" |



Calculated Depths and Elevations

Initial Water Elevation: 4894
(FAMSL)

Initial Depth To Water: 600
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: CITY WATER SUPPLY | Geo Location: 1 BLK S OF CENT ON JUAN TABO |
| ER ADS #: NA | Well Completion Date: 23-DEC-1978 |
| Well Name: LOMAS 6(8) | Completion Zone: CEMENTED CONGL/GRAVEL/SAND |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Date Drilling Started: 11-NOV-1978 | Well Comment: |
| Drilling Contractor: ROSCOE MOSS | |
| Drilling Method: ROTARY AND CABLE TOOL | |
| Borehole Depth: 1710 | |
| Casing Depth: 1704 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 419373.97

(Y) Northing: 1480428.5

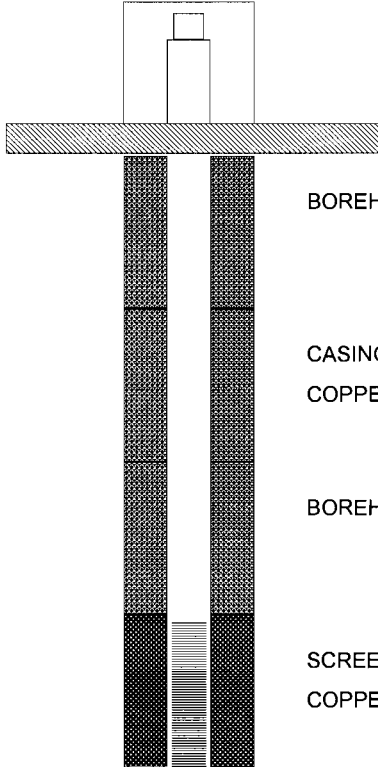
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:


Ground Surface: 5529



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------|------------------|--------------|
| BOREHOLE | 0' | 100' |
| | | O.D. 37.5" |
| Interval | Start | Stop |
| CASING | 0' | 1704' |
| COPPER BEARING | | O.D. 18.625" |
| Interval | Start | Stop |
| BOREHOLE | 100' | 1710' |
| | | O.D. 30" |
| Interval | Start | Stop |
| SCREEN | 880' | 1692' |
| COPPER BEARING | | |
| | Slot Size | .125" |

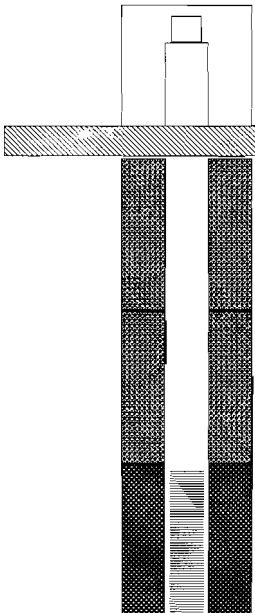


Calculated Depths and Elevations

| | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4861 |
| (FAMSL) | |
| Initial Depth To Water: | 668 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: CITY WATER SUPPLY | Geo Location: COPPER |
| ER ADS #: NA | Well Completion Date: 19-JUN-1958 |
| Well Name: LOVE 5 | Completion Zone: SANDY CLAY/GRAVEL/ROCKS |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Date Drilling Started: 06-JUN-1958 | Well Comment: |
| Drilling Contractor: ROSCOE MOSS | |
| Drilling Method: | |
| Borehole Depth: 1248 | |
| Casing Depth: 1248 | |

| Survey Data | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------|-------|------|----------|----|-------|--|--|----------|----------|-------|------|--------|----|-------|-------|--|----------|----------|-------|------|--------|------|-------|-------|--|--|--|-----------|-------|
| Survey Date: Surveyed By: State Plane Coordinates (X) Easting: 411923.69 (Y) Northing: 1484725.63 <div style="background-color: black; color: white; text-align: center; padding: 5px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> | <div style="text-align: center; margin-bottom: 10px;">  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: right;">Start</th> <th style="text-align: right;">Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">1248'</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">O.D. 28"</td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">1248'</td> </tr> <tr> <td>STEEL</td> <td></td> <td style="text-align: right;">O.D. 16"</td> </tr> <tr> <td>Interval</td> <td style="text-align: right;">Start</td> <td style="text-align: right;">Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">660'</td> <td style="text-align: right;">1248'</td> </tr> <tr> <td>STEEL</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">Slot Size</td> <td style="text-align: right;">.156"</td> </tr> </tbody> </table> | Interval | Start | Stop | BOREHOLE | 0' | 1248' | | | O.D. 28" | Interval | Start | Stop | CASING | 0' | 1248' | STEEL | | O.D. 16" | Interval | Start | Stop | SCREEN | 660' | 1248' | STEEL | | | | Slot Size | .156" |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 1248' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 28" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 1248' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | | O.D. 16" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 660' | 1248' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .156" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: Top of Inner Well Casing: 5390 Concrete Pad: Ground Surface: 5390 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Calculated Depths and Elevations

| | |
|--|------------------------------|
| Initial Water Elevation: (FAMSL) | 4946 |
| Initial Depth To Water: (FBGS) | 444 |
| Last measured water level was FASL asured on | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: LIQ WASTE DISP SYS | Geo Location: LWDS Surface Impoundments |
| ER ADS #: 1307 | Well Completion Date: 30-OCT-1992 |
| Well Name: LWDS-MW2 | Completion Zone: SAND |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 12-AUG-1992 | Well Comment: WATER LEVEL MEASUREMENT FROM DRILLER'S LOG BOOK (22-OCT-92) |
| Drilling Contractor: | |
| Drilling Method: SONIC/AIR ROTARY/DRIVE CASING | |
| Borehole Depth: 531 | |
| Casing Depth: 531 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 413746.96

(Y) Northing: 1455700.191

Surveyed Elevations (FAMSL)

Protective Casing: 5410.95

Top of Inner Well Casing: 5409.811

Concrete Pad: 5408.87

Ground Surface: 5408.8



Calculated Depths and Elevations

Initial Water Elevation: 4929.811
(FAMSL)

Initial Depth To Water: 480
(FBGS)

Last measured water level was 4931 **FASL**
asured on 09-SEP-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: .94

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 474' |
| VOLCLAY | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| CASING | 0' | 531' |
| SCH 80 PVC | I.D. 3.862" | O.D. 4.5" |

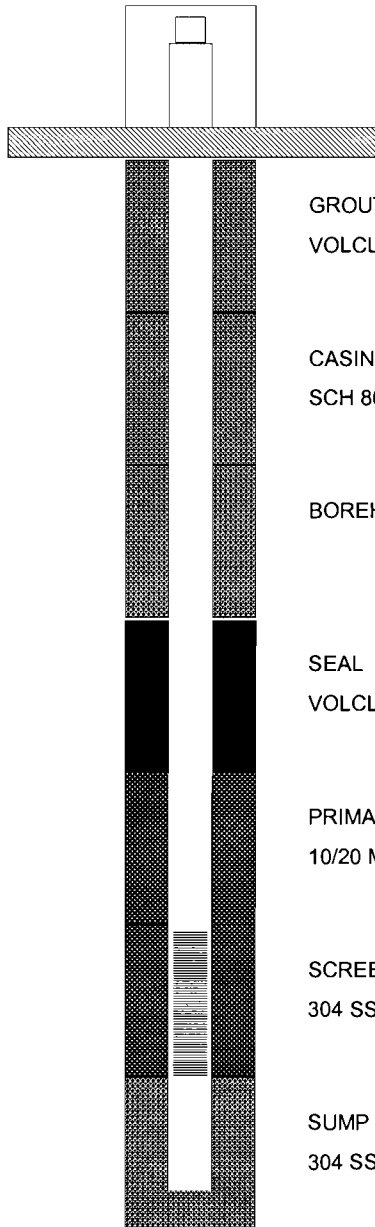
| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 531' |
| | | O.D. 11" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 474' | 480' |
| VOLCLAY PELLETS | | |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 480' | 531' |
| 10/20 MESH SILICA | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 506' | 526' |
| 304 SS | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SUMP | 526' | 531' |
| 304 SS | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------------------|--------------------------|--|
| Object Name: | LIQ WASTE DISP SYS | Geo Location: | LWDS Surface Impoundments |
| ADS #: | 1307 | Well Completion Date: | 30-OCT-1992 |
| Well Name: | LWDS-MW2 | Completion Zone: | SAND |
| Well Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-AUG-1992 | Well Comment: | WATER LEVEL MEASUREMENT FROM DRILLER'S LOG BOOK (22-OCT-92) |
| Drilling Contractor: | | | |
| Drilling Method: | SONIC/AIR ROTARY/DRIVE CASING | | |
| Borehole Depth: | 531 | | |
| Casing Depth: | 531 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|--|--|--|
| Project Name: LIQ WASTE DISP SYS | Geo Location: TA-V PARKING LOT | |
| ER ADS #: 1307 | Well Completion Date: 03-MAY-1993 | |
| Well Name: LWDS-MW1 | Completion Zone: SAND | |
| r Name: SNL/NM | Formation of Completion: SANTA FE GROUP | |
| Date Drilling Started: | Well Comment: WATER LEVEL MEASURED ON JULY 14, 1993-FLUSH MOUNT SURFACE COMPLETION. NEED SOCKET WRENCH TO ACCESS | |
| Drilling Contractor: | | |
| Drilling Method: SONIC/AIR ROTARY/CABLE TOOL | | |
| Borehole Depth: 525 | | |
| Casing Depth: 520.33 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 414375.034

(Y) Northing: 1455057.433


Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5422.186

Concrete Pad:

Ground Surface: 5422.694



Calculated Depths and Elevations

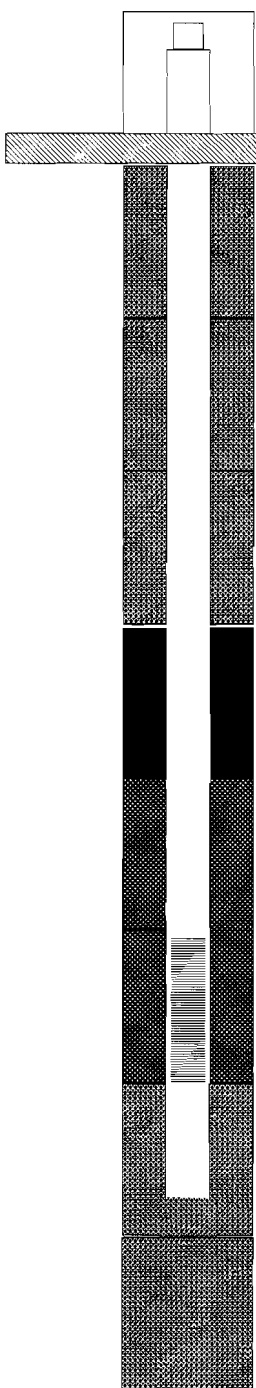
Initial Water Elevation: 4914.386 (FAMSL)

Initial Depth To Water: 497.8 (FBGS)

Last measured water level was 4933.1 FASL
asured on 10-SEP-1996

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004



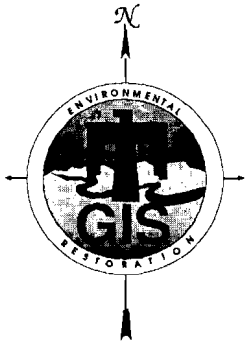
Completion Data Measured Depths (FBGS)

Casing Stickup: -.25

| | | |
|-------------------|------------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 485' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 520.33' |
| SCH 80 PVC | I.D. 3.862" | O.D. 4.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 525' |
| | | O.D. 11" |
| Interval | Start | Stop |
| SEAL | 485' | 495' |
| VOLCLAY PELLETS | | |
| Interval | Start | Stop |
| PRIMARY PACK | 495' | 525' |
| 20/40 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 500' | 515' |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 515' | 520.33' |
| SCH 80 PVC | | |
| Interval | Start | Stop |
| PLUG BACK | 520.33' | 525' |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|--|
| Project Name: | LIQ WASTE DISP SYS | Geo Location: | TA-V PARKING LOT |
| ER ADS #: | 1307 | Well Completion Date: | 03-MAY-1993 |
| Well Name: | LWDS-MW1 | Completion Zone: | SAND |
| r Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | WATER LEVEL MEASURED ON JULY 14, 1993-FLUSH MOUNT SURFACE COMPLETION. NEED SOCKET WRENCH TO ACCESS |
| Drilling Contractor: | | | |
| Drilling Method: | SONIC/AIR ROTARY/CABLE TOOL | | |
| Borehole Depth: | 525 | | |
| Casing Depth: | 520.33 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: MESA DEL SOL | Geo Location: WEST OF KAFB |
| ER ADS #: | Well Completion Date: 14-MAY-1997 |
| Well Name: MESA DEL SOL - D | Completion Zone: SAND AND SILT |
| Driller Name: SEO | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 28-APR-1997 | Well Comment: MULTIPLE COMPLETIONS S, M AND D. S=PIEZOMETER A, M=PIEZOMETER B, AND D=PIEZOMETER C. DRILLED WITH GD2000. |
| Drilling Contractor: RODGERS INC. | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1650 | |
| Casing Depth: 1630 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 391812.8

(Y) Northing: 1443144.8

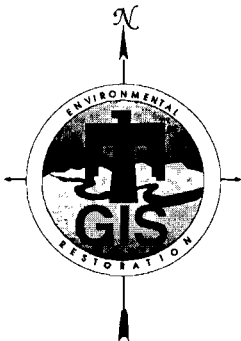
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5300



Calculated Depths and Elevations

Initial Water Elevation: 4899.44
(FAMSL)

Initial Depth To Water: 400.56
(FBGS)

Last measured water level was FASL
asured on

Date Updated:
14-MAR-00

Date Printed:
12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------|-------|------|
| GROUT/BACKFILL | 0' | 390' |
| CEMENT | | |

| Interval | Start | Stop |
|-----------|------------|-----------|
| CASING | 0' | 1630' |
| SS SCREEN | I.D. 2.22" | O.D. 2.5" |

| Interval | Start | Stop |
|----------|-------|----------|
| BOREHOLE | 0' | 1650' |
| | | O.D. 11" |

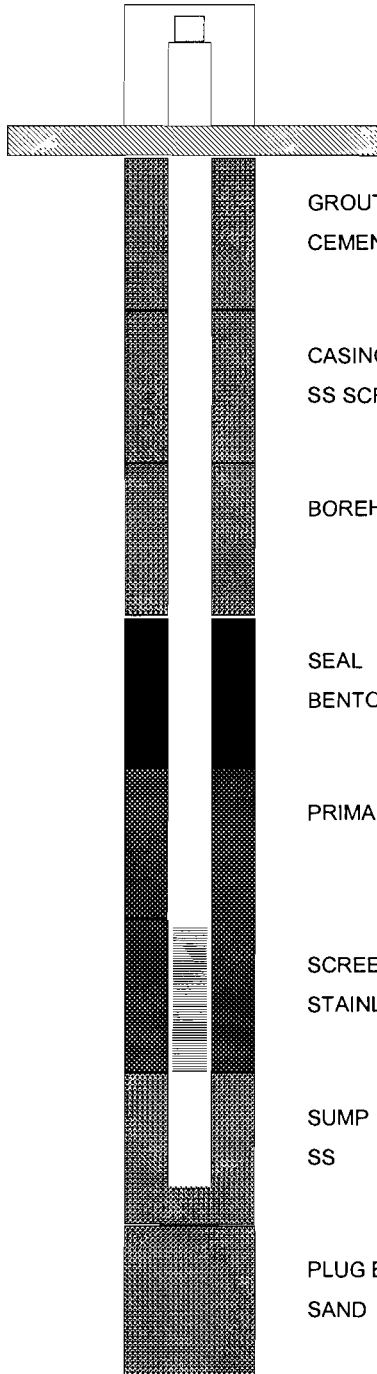
| Interval | Start | Stop |
|-----------|-------|-------|
| SEAL | 1030' | 1570' |
| BENTONITE | | |

| Interval | Start | Stop |
|--------------|-------|-------|
| PRIMARY PACK | 1570' | 1630' |

| Interval | Start | Stop |
|-----------------|-------|-------|
| SCREEN | 1580' | 1620' |
| STAINLESS STEEL | | |

| Interval | Start | Stop |
|----------|-------|-------|
| SUMP | 1620' | 1630' |
| SS | | |

| Interval | Start | Stop |
|-----------|-------|-------|
| PLUG BACK | 1630' | 1650' |
| SAND | | |



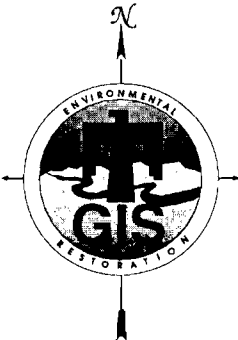
WELL DATABASE SUMMARY SHEET

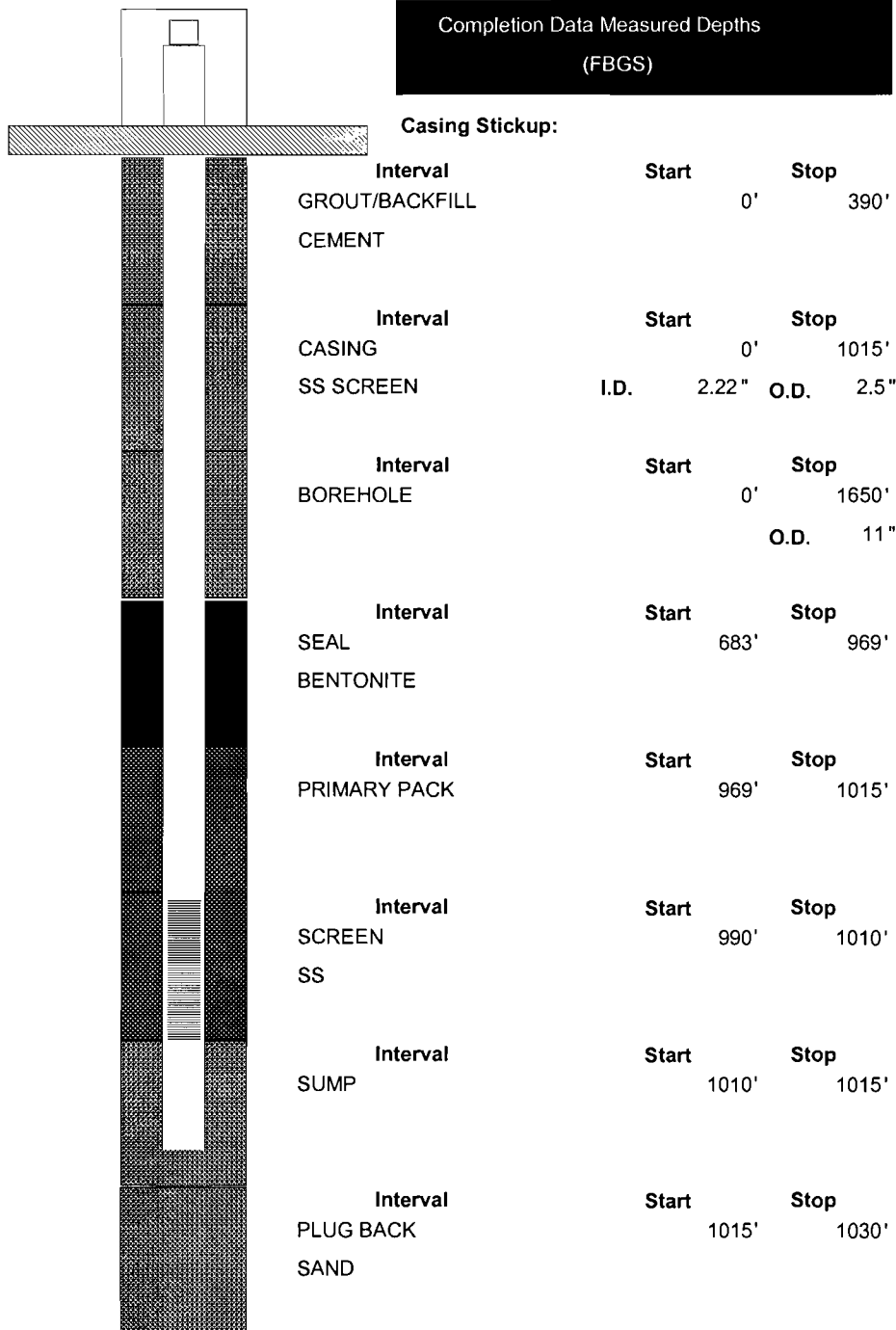
| | | | |
|-------------------------------|------------------|---------------------------------|---|
| Project Name: | MESA DEL SOL | Geo Location: | WEST OF KAFB |
| ER ADS #: | | Well Completion Date: | 14-MAY-1997 |
| Well Name: | MESA DEL SOL - D | Completion Zone: | SAND AND SILT |
| Operator Name: | SEO | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-APR-1997 | Well Comment: | MULTIPLE COMPLETIONS S, M AND D. S=PIEZOMETER A, M=PIEZOMETER B, AND D=PIEZOMETER C. DRILLED WITH GD2000. |
| Drilling Contractor: | RODGERS INC. | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1650 | | |
| Casing Depth: | 1630 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: MESA DEL SOL | Geo Location: WEST OF KAFB |
| ER ADS #: | Well Completion Date: 14-MAY-1997 |
| Well Name: MESA DEL SOL - M | Completion Zone: CLAY, SAND AND GRAVEL |
| Well ID Name: SEO | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 28-APR-1997 | Well Comment: MULTIPLE COMPLETIONS S, M AND D. S=PIEZOMETER A, M=PIEZOMETER B, AND D=PIEZOMETER C. |
| Drilling Contractor: RODGERS INC. | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1650 | |
| Casing Depth: 1015 | |

| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|
| Survey Date: | | | | |
| Surveyed By: | | | | |
| State Plane Coordinates | | | | |
| (X) Easting: 391812.8 | | | | |
| (Y) Northing: 1443144.8 | | | | |
| Surveyed Elevations (FAMSL) | | | | |
| Protective Casing: | | | | |
| Top of Inner Well Casing: | | | | |
| Concrete Pad: | | | | |
| Ground Surface: 5300 | | | | |
|  | | | | |
| Calculated Depths and Elevations | | | | |
| Initial Water Elevation: 4887.52 (FAMSL) | | | | |
| Initial Depth To Water: 412.48 (FBGS) | | | | |
| Last measured water level was _____ measured on _____ | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------|---------------------------------|---|
| Project Name: | MESA DEL SOL | Geo Location: | WEST OF KAFB |
| ER ADS #: | | Well Completion Date: | 14-MAY-1997 |
| Well Name: | MESA DEL SOL - M | Completion Zone: | CLAY, SAND AND GRAVEL |
| Well Name: | SEO | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-APR-1997 | Well Comment: | MULTIPLE COMPLETIONS S, M AND D. S=PIEZOMETER A, M=PIEZOMETER B, AND D=PIEZOMETER C. |
| Drilling Contractor: | RODGERS INC. | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1650 | | |
| Casing Depth: | 1015 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: MESA DEL SOL | Geo Location: WEST OF KAFB |
| ER ADS #: | Well Completion Date: 14-MAY-1997 |
| Well Name: MESA DEL SOL - S | Completion Zone: SILTY SAND AND GRAVEL |
| Driller Name: SEO | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 28-APR-1997 | Well Comment: MULTIPLE COMPLETIONS S, M AND D. S=PIEZOMETER A, M=PIEZOMETER B, AND D=PIEZOMETER C. |
| Drilling Contractor: RODGERS INC. | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1650 | |
| Casing Depth: 525 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 391812.8

(Y) Northing: 1443144.8

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5300



Calculated Depths and Elevations

Initial Water Elevation: 4893.3
(FAMSL)

Initial Depth To Water: 406.7
(FBGS)

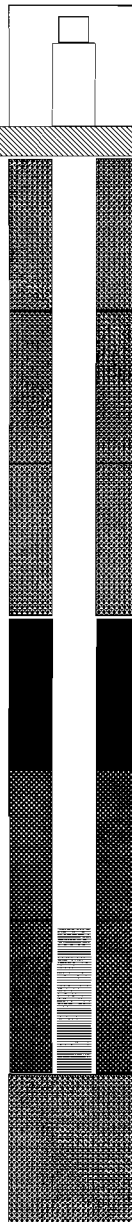
Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------------------|------------|-----------|
| GROUT/BACKFILL CEMENT | 0' | 390' |
| Interval | Start | Stop |
| CASING PVC | 0' | 525' |
| | I.D. 2.22" | O.D. 2.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1650' |
| | | O.D. 11" |
| Interval | Start | Stop |
| SEAL BENTONITE | 390' | 400' |
| Interval | Start | Stop |
| PRIMARY PACK SAND | 400' | 525' |
| Interval | Start | Stop |
| SCREEN PVC | 420' | 520' |
| Interval | Start | Stop |
| PLUG BACK SAND | 525' | 538' |



WELL DATABASE SUMMARY SHEET

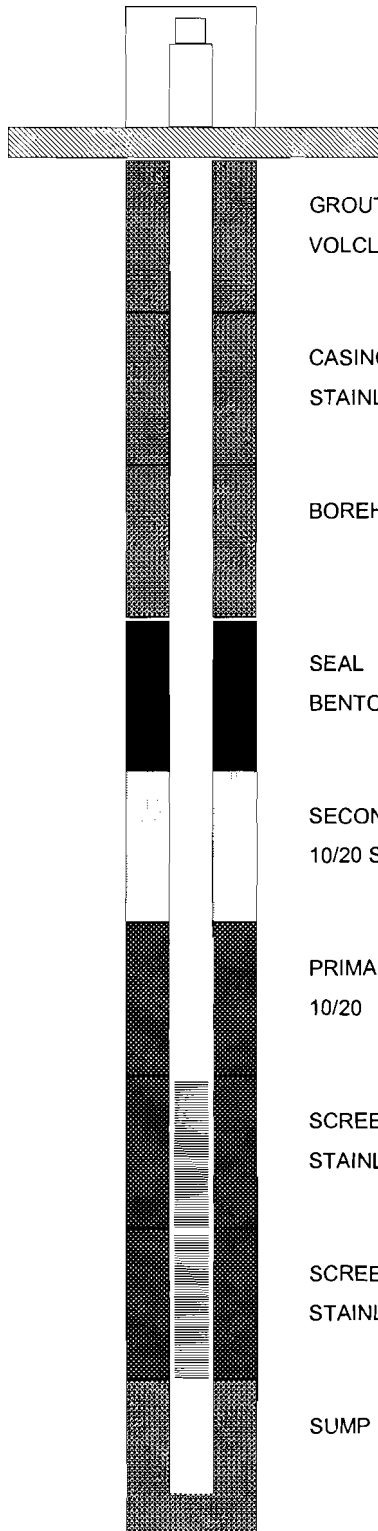
| | | | |
|-------------------------------|------------------|---------------------------------|---|
| Project Name: | MESA DEL SOL | Geo Location: | WEST OF KAFB |
| ER ADS #: | | Well Completion Date: | 14-MAY-1997 |
| Well Name: | MESA DEL SOL - S | Completion Zone: | SILTY SAND AND GRAVEL |
| Operator Name: | SEO | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-APR-1997 | Well Comment: | MULTIPLE COMPLETIONS S, M AND D. S=PIEZOMETER A, M=PIEZOMETER B, AND D=PIEZOMETER C. |
| Drilling Contractor: | RODGERS INC. | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1650 | | |
| Casing Depth: | 525 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | SWHC | Geo Location: | KAFB WEST OF TA-III |
| ER ADS #: | 1330 | Well Completion Date: | 22-JAN-1995 |
| Well Name: | MRN-1 | Completion Zone: | SILTY SAND |
| Operator Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-DEC-1994 | Well Comment: | PLUGGED AND ABANDONED AUGUST 2001. PAIRED WITH MRN-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 610 | | |
| Casing Depth: | 606.7 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|--|----------------------|
| Survey Date: | 16-MAR-1995 | Casing Stickup: | 2.2 |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 405416.7 | GROUT/BACKFILL | 0' 468' |
| (Y) Northing: | 1448088.294 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5305.87 | CASING | 0' 606.7' |
| Top of Inner Well Casing: | 5305.87 | STAINLESS STEEL | I.D. 4.75" O.D. 5.5" |
| Concrete Pad: | 5303.68 | Interval | Start Stop |
| Ground Surface: | 5303.68 | BOREHOLE | 0' 610' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 468' 512' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 512' 517' |
| | | 10/20 SAND/SLOUGH | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 517' 606.7' |
| | | 10/20 | |
| | | Interval | Start Stop |
| | | SCREEN1 | 546.7' 566.7' |
| | | STAINLESS STEEL | |
| | | Interval | Start Stop |
| | | SCREEN2 | 566.7' 586.7' |
| | | STAINLESS STEEL | |
| | | Interval | Start Stop |
| | | SUMP | 586.7' 606.7' |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | 4890.57 |
| (FAMSL) | |
| Initial Depth To Water: | 415.3 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | 23-SEP-1997 |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | KAFB WEST OF TA-III |
| ER ADS #: | 1330 | Well Completion Date: | 22-JAN-1995 |
| Well Name: | MRN-1 | Completion Zone: | SILTY SAND |
| Operator Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-DEC-1994 | Well Comment: | PLUGGED AND ABANDONED AUGUST 2001. PAIRED WITH MRN-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 610 | | |
| Casing Depth: | 606.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST OF TA-III |
| ER ADS #: | 1330 | Well Completion Date: | 28-JAN-1995 |
| Well Name: | MRN-2 | Completion Zone: | SANDY GRAVEL/SILTY CLAY |
| Operator Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 23-JAN-1995 | Well Comment: | PAIRED WITH MRN-1 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 455 | | |
| Casing Depth: | 450 | | |

Survey Data

Survey Date: 16-MAR-1995
Surveyed By: GREINER

State Plane Coordinates

(X) Easting: 405393.353
(Y) Northing: 1448095.731

Surveyed Elevations (FAMSL)

Protective Casing: 5306.43
Top of Inner Well Casing: 5305.507
Concrete Pad: 5303.6
Ground Surface: 5303.503



Calculated Depths and Elevations

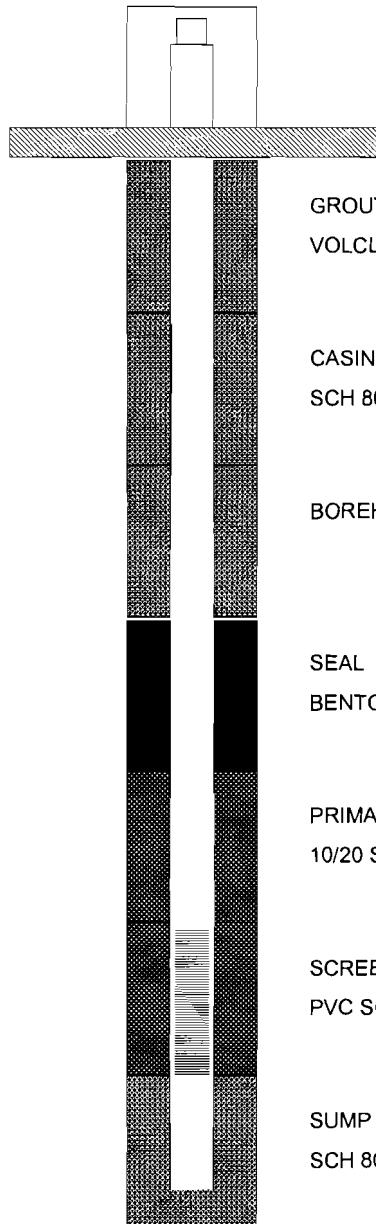
Initial Water Elevation: 4891.307
(FAMSL)
Initial Depth To Water: 414.2
(FBGS)

Last measured water level was FASL
measured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | 1.91 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 332' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 450' | |
| SCH 80 PVC | I.D. 3.7" | O.D. 4" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 455' | |
| | | O.D. 8" | |
| Interval | Start | Stop | |
| SEAL | 332' | 379' | |
| BENTONITE PELLETS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 379' | 455' | |
| 10/20 SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 410' | 440' | |
| PVC SCH 80 | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 440' | 450' | |
| SCH 80 PVC | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST OF TA-III |
| ER ADS #: | 1330 | Well Completion Date: | 28-JAN-1995 |
| Well Name: | MRN-2 | Completion Zone: | SANDY GRAVEL/SILTY CLAY |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 23-JAN-1995 | Well Comment: | PAIRED WITH MRN-1 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 455 | | |
| Casing Depth: | 450 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SITE WIDE | Geo Location: WEST OF TALL |
| ER ADS #: NA | Well Completion Date: 20-JUL-2003 |
| Well Name: MRN-3D | Completion Zone: SAND |
| Operator Name: SNL | Formation of Completion: SANTA FE |
| Date Drilling Started: 14-JUL-2003 | Well Comment: ELEVATIONS ARE ESTIMATED. 0-20' CEMENT. X-Y COORDINATES ARE GPS. SEAL: 3/8" BENT CHIPS AND 16/20 SAND IN A 3:1 RATIO |
| Drilling Contractor: WDC | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 708 | |
| Casing Depth: 685.3 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 405429

(Y) Northing: 1448029.875

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5306

Concrete Pad:

Ground Surface: 5303.5



Calculated Depths and Elevations

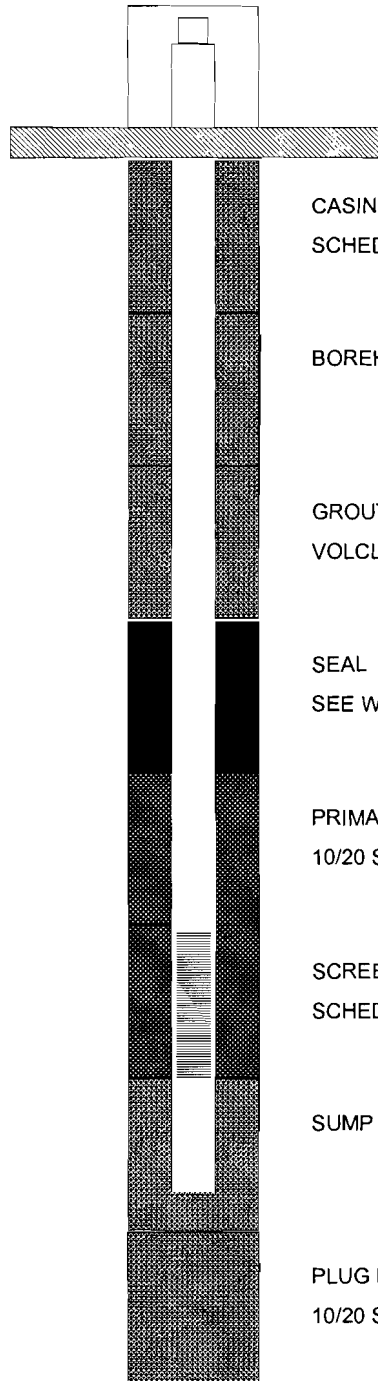
Initial Water Elevation: 4864.9
(FAMSL)

Initial Depth To Water: 441.1
(FBGS)

Last measured water level was **FASL**
asured on

Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|--------------|---------------------|------------------|
| Casing Stickup: | | 2.5 | |
| Interval | Start | Stop | |
| CASING | | 0' 685.3' | |
| SCHEDULE 80 PVC | I.D. | 4.8" | O.D. 5.5" |
| Interval | Start | Stop | |
| BOREHOLE | | 0' 708' | |
| | | O.D. 10.625" | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | | 20' 420' | |
| VOLCLAY GROUT | | | |
| Interval | Start | Stop | |
| SEAL | | 420' 642' | |
| SEE WELL COMMENT | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | | 642' 685.3' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | | 660.3' 680.3' | |
| SCHEDULE 80 PVC | | | |
| | | Slot Size | .02" |
| Interval | Start | Stop | |
| SUMP | | 680.3' 685.3' | |
| Interval | Start | Stop | |
| PLUG BACK | | 685.3' 708' | |
| 10/20 SILICA SAND | | | |



Date Updated: 22-OCT-03

Date Printed: 12-JAN-2004

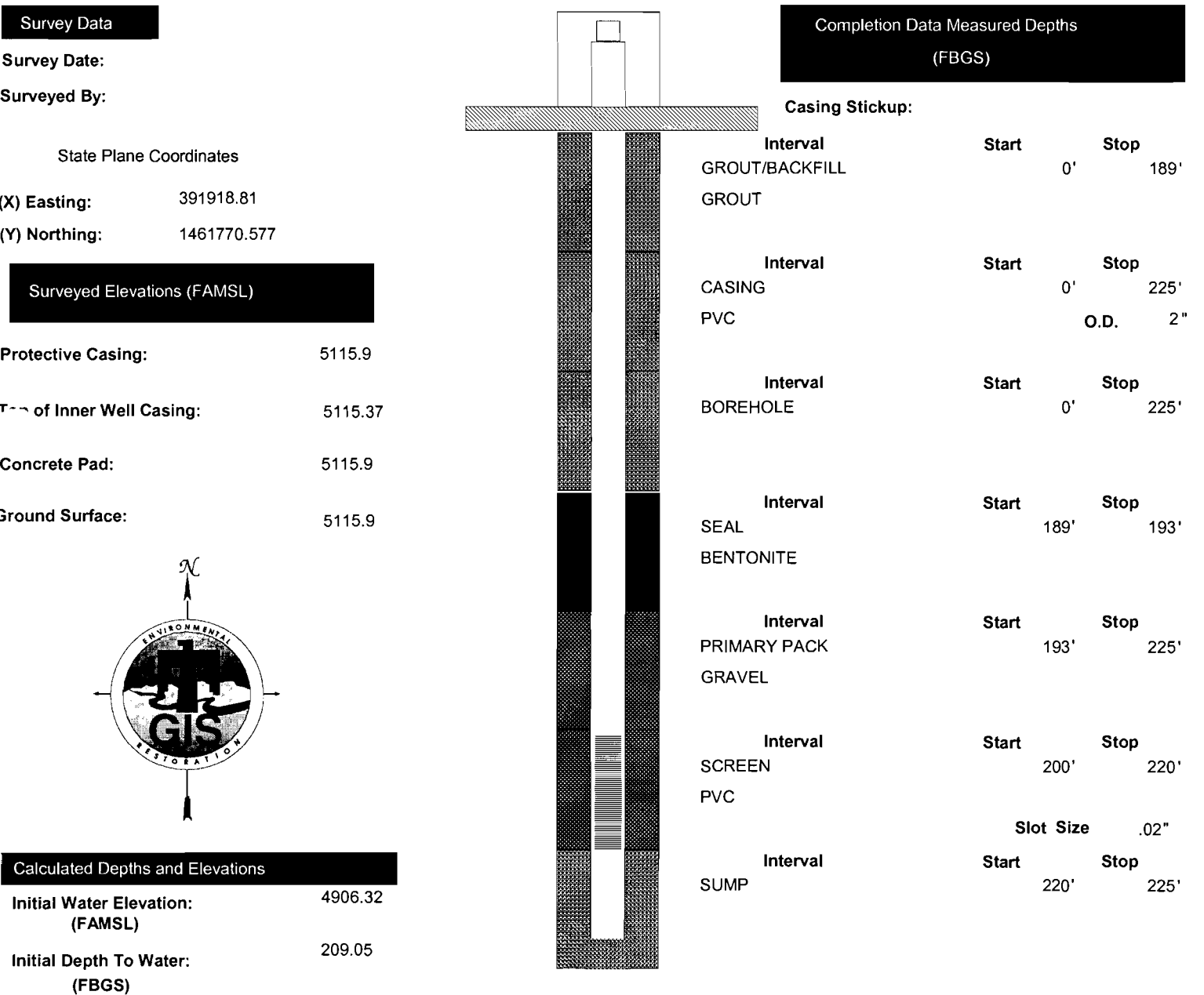
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SITE WIDE | Geo Location: | WEST OF TAILI |
| ER ADS #: | NA | Well Completion Date: | 20-JUL-2003 |
| Well Name: | MRN-3D | Completion Zone: | SAND |
| Well Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 14-JUL-2003 | Well Comment: | ELEVATIONS ARE ESTIMATED. 0-20' CEMENT. X-Y |
| Drilling Contractor: | WDC | | COORDINATES ARE GPS. SEAL: 3/8" BENT CHIPS AND 16/20 |
| Drilling Method: | MUD ROTARY | | SAND IN A 3:1 RATIO |
| Borehole Depth: | 708 | | |
| Casing Depth: | 685.3 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: MOUNTAIN VIEW SUBDIV | Geo Location: TIJERAS ARROYO, W OF KAFB |
| ER ADS #: NA | Well Completion Date: 01-OCT-1988 |
| Well Name: MVMWJ | Completion Zone: SAND |
| Driller Name: NMED | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 01-OCT-1988 | Well Comment: WELL MARKED BY GUARD POSTS/FLUSH MOUNT WELL |
| Drilling Contractor: | |
| Drilling Method: | |
| Borehole Depth: 225 | |
| Casing Depth: 225 | |



Last measured water level was **FASL**
asured on 25-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-----------------------|----------------------|--------------------------|---|
| Project Name: | MOUNTAIN VIEW SUBDIV | Geo Location: | TIJERAS ARROYO, W OF KAFB |
| IR ADS #: | NA | Well Completion Date: | 01-OCT-1988 |
| Well Name: | MVMWJ | Completion Zone: | SAND |
| er Name: | NMED | Formation of Completion: | SANTA FE GROUP |
| ate Drilling Started: | 01-OCT-1988 | Well Comment: | WELL MARKED BY GUARD POSTS/FLUSH MOUNT WELL |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Borehole Depth: | 225 | | |
| Casing Depth: | 225 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MIXED WASTE LANDFILL | Geo Location: TA III |
| ER ADS #: 1289 | Well Completion Date: 01-JUL-1989 |
| Well Name: MWL-BW1 | Completion Zone: SAND AND GRAVEL |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE |
| Date Drilling Started: 24-JUN-1989 | Well Comment: WATER LEVEL MEASURED ON 5/14/90 |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 519 | |
| Casing Depth: 477.17 | |

Survey Data

Survey Date: 12-APR-1990
Surveyed By: SANTIAGO ROMERO AND ASSOCIATES

State Plane Coordinates

(X) Easting: 411756.001
(Y) Northing: 1451698.73

Surveyed Elevations (FAMSL)

Protective Casing: 5385.05
Top of Inner Well Casing: 5384.51
Concrete Pad: 5383.35
Ground Surface: 5382.7

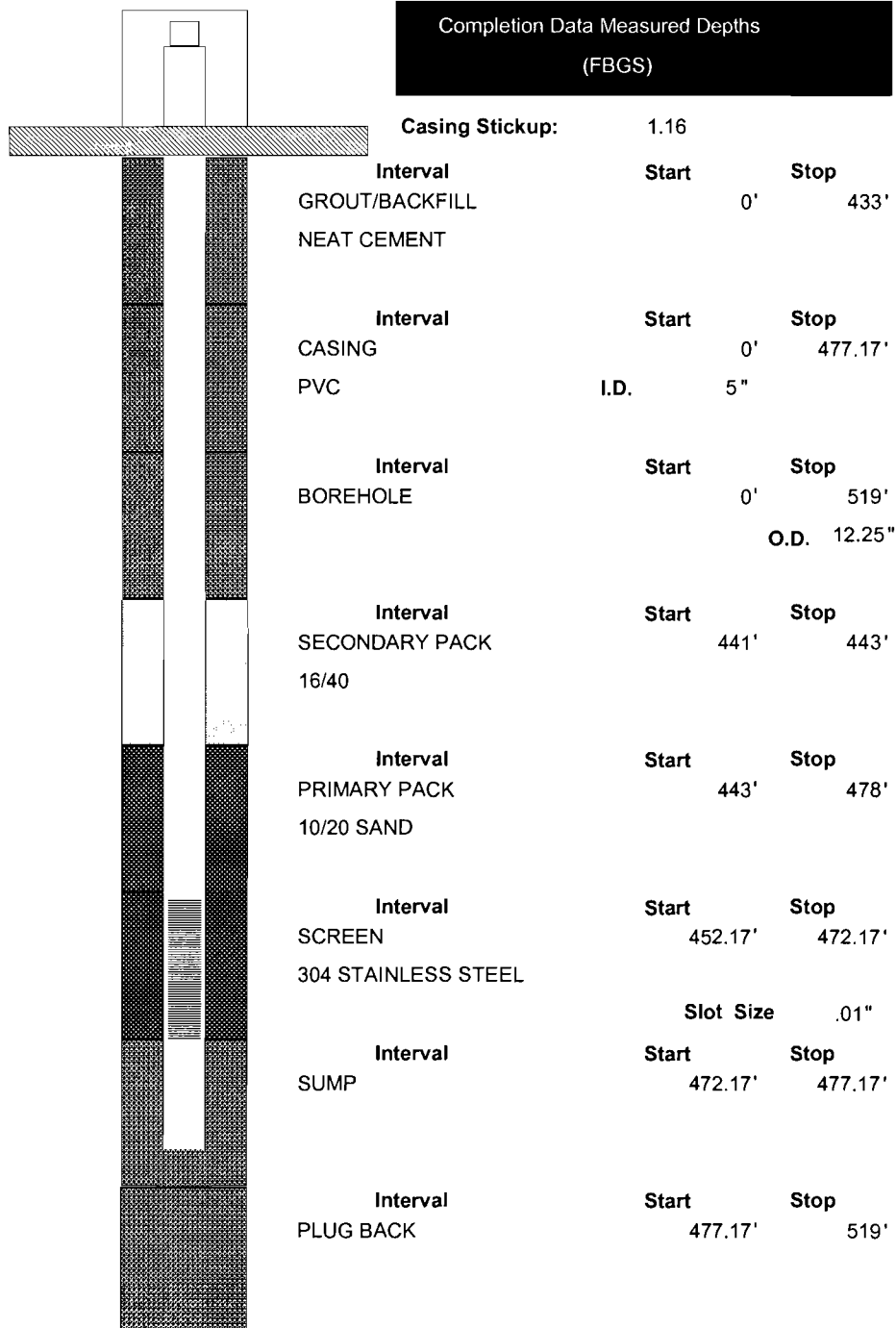


Calculated Depths and Elevations

Initial Water Elevation: 4923.3
(FAMSL)
Initial Depth To Water: 461.21
(FBGS)
Last measured water level was 4918.54 **FASL**
measured on 06-AUG-1996

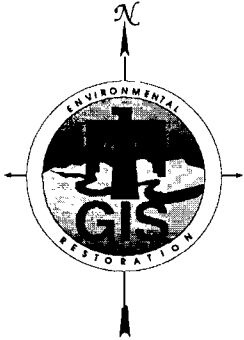
Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---------------------------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1289 | Well Completion Date: | 01-JUL-1989 |
| Well Name: | MWL-BW1 | Completion Zone: | SAND AND GRAVEL |
| Operator Name: | SNL/NM | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 24-JUN-1989 | Well Comment: | WATER LEVEL MEASURED ON 5/14/90 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 519 | | |
| Casing Depth: | 477.17 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|--|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | MIXED WASTE LANDFILL |
| ER ADS #: | 1289 | Well Completion Date: | 01-OCT-1988 |
| Well Name: | MWL-MW1 | Completion Zone: | SILTY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-SEP-1988 | Well Comment: | BOREHOLE DIAM IS 14" TO 200' - 10" TO 478.67 - WATER LEV ELEV 8/16/90 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 478.67 | | |
| Casing Depth: | 478 | | |

Survey Data

Survey Date: 01-JAN-1990
Surveyed By: SANTIAGO ROMERO AND ASSOCIATES

State Plane Coordinates

(X) Easting: 411661.747
(Y) Northing: 1452661.099

Surveyed Elevations (FAMSL)

Protective Casing: 5382.2
Top of Inner Well Casing: 5381.54
Concrete Pad: 5379.56
Ground Surface: 5379.12



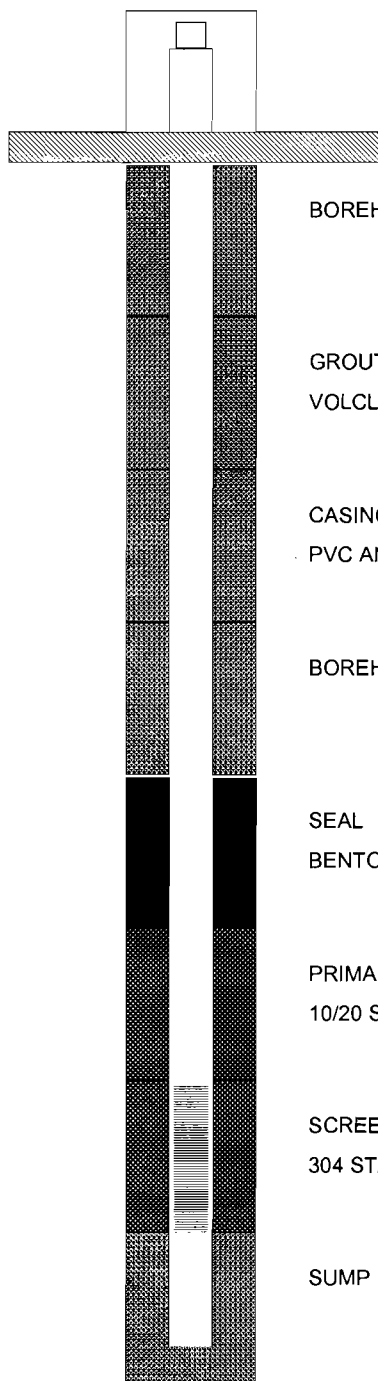
Calculated Depths and Elevations

Initial Water Elevation: 4923.36
(FAMSL)
Initial Depth To Water: 458.18
(FBGS)
Last measured water level was 4918.82 **FASL**
measured on 06-AUG-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

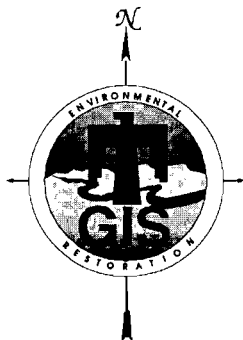
Completion Data Measured Depths (FBGS)

| | | |
|-----------------|-----------|---------|
| Casing Stickup: | 1.98 | |
| Interval | Start | Stop |
| LE | 0' | 200' |
| | O.D. | 14" |
| Interval | Start | Stop |
| BACKFILL | 0' | 434.9' |
| Y | | |
| Interval | Start | Stop |
| | 0' | 478' |
| STEEL | I.D. | 5" |
| Interval | Start | Stop |
| LE | 200' | 478.67' |
| | O.D. | 10" |
| Interval | Start | Stop |
| | 434.9' | 445.5' |
| ITE PELLETS | | |
| Interval | Start | Stop |
| Y PACK | 445.5' | 478.67' |
| ICA SAND | | |
| Interval | Start | Stop |
| | 456' | 476' |
| NLESS STEEL | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| | 476' | 478' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|--|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | MIXED WASTE LANDFILL |
| ER ADS #: | 1289 | Well Completion Date: | 01-OCT-1988 |
| Well Name: | MWL-MW1 | Completion Zone: | SILTY SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-SEP-1988 | Well Comment: | BOREHOLE DIAM IS 14" TO 200' - 10" TO 478.67 - WATER LEV ELEV 8/16/90 |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 478.67 | | |
| Casing Depth: | 478 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---------------------------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1289 | Well Completion Date: | 01-AUG-1989 |
| Well Name: | MWL-MW2 | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-JUL-1989 | Well Comment: | WATER LEVEL MEASURED ON 5/14/90 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 521 | | |
| Casing Depth: | 477 | | |

Survey Data

Survey Date: 12-APR-1990
Surveyed By: SANTIAGO ROMERO AND ASSOCIATES

State Plane Coordinates

(X) Easting: 411451.366
(Y) Northing: 1452692.592

Surveyed Elevations (FAMSL)

Protective Casing: 5378.18
Top of Inner Well Casing: 5377.26
Concrete Pad: 5376.49
Ground Surface: 5375.71



Calculated Depths and Elevations

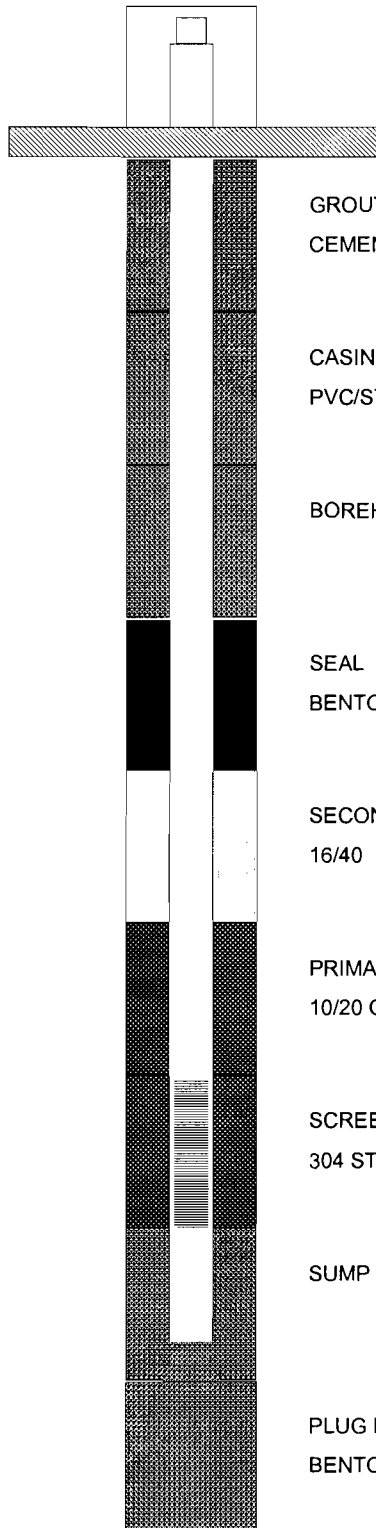
Initial Water Elevation: 4923.27
(FAMSL)
Initial Depth To Water: 453.99
(FBGS)
Last measured water level was 4918.78 **FASL**
asured on 06-AUG-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: .77

| Interval | Start | Stop |
|---------------------|-----------------------|-------------|
| GROUT/BACKFILL | 0' | 430' |
| CEMENT/BENTONITE | | |
| Interval | Start | Stop |
| CASING | 0' | 477' |
| PVC/STAINLESS STEEL | I.D. 5" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 521' |
| | | O.D. 12.25" |
| Interval | Start | Stop |
| SEAL | 430' | 442' |
| BENTONITE | | |
| Interval | Start | Stop |
| SECONDARY PACK | 442' | 444' |
| 16/40 | | |
| Interval | Start | Stop |
| PRIMARY PACK | 444' | 477' |
| 10/20 QUARTZ SAND | | |
| Interval | Start | Stop |
| SCREEN | 452' | 472' |
| 304 STAINLESS STEEL | | |
| | Slot Size .01" | |
| Interval | Start | Stop |
| SUMP | 472' | 477' |
| Interval | Start | Stop |
| PLUG BACK | 477' | 521' |
| BENTONITE | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---------------------------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1289 | Well Completion Date: | 01-AUG-1989 |
| Well Name: | MWL-MW2 | Completion Zone: | SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 21-JUL-1989 | Well Comment: | WATER LEVEL MEASURED ON 5/14/90 |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 521 | | |
| Casing Depth: | 477 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MIXED WASTE LANDFILL | Geo Location: TA-III |
| ER ADS #: 1289 | Well Completion Date: 22-AUG-1989 |
| Well Name: MWL-MW3 | Completion Zone: SAND |
| Driller Name: SNL | Formation of Completion: SANTA FE |
| Date Drilling Started: 20-AUG-1989 | Well Comment: BOREHOLE TD AT 501', BACKFILL WITH .4 BENTONITE/CEMENT PLUG TO 478' ABOUT 1' OF 16/40 FN SIL SAND AT TOP OF FILTER PACK |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 501 | |
| Casing Depth: 476.3 | |

Survey Data

Survey Date: 16-AUG-1990

Surveyed By: SANTIAGO ROMERO AND ASSOCIATES

State Plane Coordinates

(X) Easting: 411407.995

(Y) Northing: 1452476.617

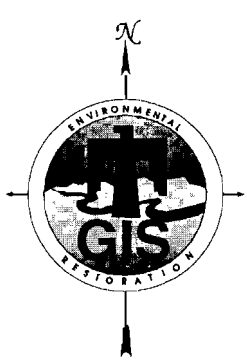
Surveyed Elevations (FAMSL)

Protective Casing: 5381.78

Top of Inner Well Casing: 5381.32

Concrete Pad: 5379.41

Ground Surface: 5378.97



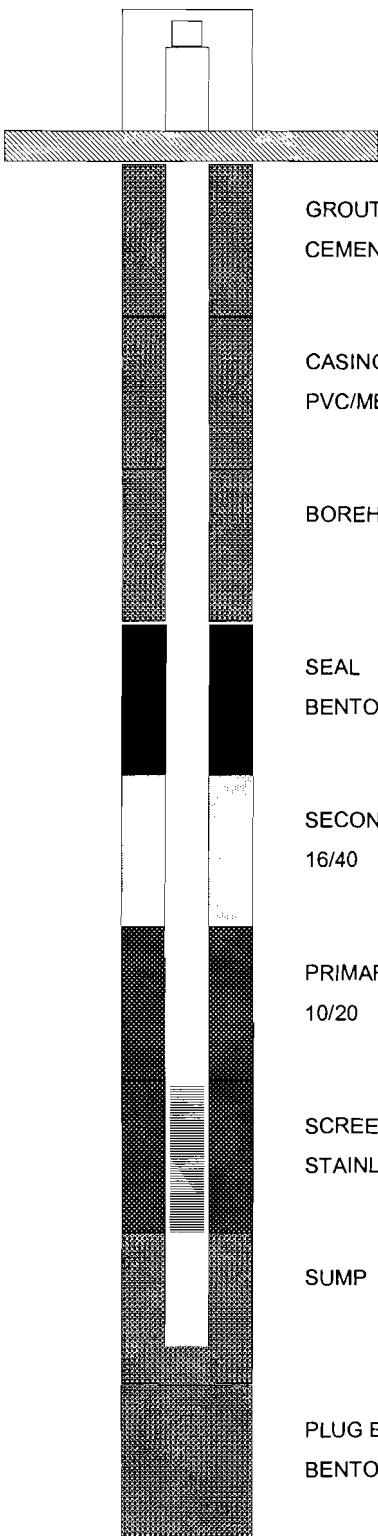
Calculated Depths and Elevations

Initial Water Elevation: 4921.1 (FAMSL)

Initial Depth To Water: 460.22 (FBGS)

Last measured water level was 4917.35 **FASL**
asured on 06-AUG-1996

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004



Completion Data Measured Depths (FBGS)

Casing Stickup: 1.91

| Interval | Start | Stop | |
|------------------|--------------|------------------|------|
| GROUT/BACKFILL | 0' | 429' | |
| CEMENT/BENTONITE | | | |
| Interval | Start | Stop | |
| CASING | 0' | 478.8' | |
| PVC/METAL | | O.D. 5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 501' | |
| | | O.D. 12.25" | |
| Interval | Start | Stop | |
| SEAL | 429' | 444' | |
| BENTONITE | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 444' | 446' | |
| 16/40 | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 446' | 476' | |
| 10/20 | | | |
| Interval | Start | Stop | |
| SCREEN | 451.3' | 471.3' | |
| STAINLESS STEEL | | | |
| | | Slot Size | .01" |
| Interval | Start | Stop | |
| SUMP | 471.3' | 476.3' | |
| Interval | Start | Stop | |
| PLUG BACK | 476.3' | 501' | |
| BENTONITE | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA-III |
| ER ADS #: | 1289 | Well Completion Date: | 22-AUG-1989 |
| Well Name: | MWL-MW3 | Completion Zone: | SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 20-AUG-1989 | Well Comment: | BOREHOLE TD AT 501', BACKFILL WITH .4 BENTONITE/CEMENT PLUG TO 478' ABOUT 1' OF 16/40 FN SIL SAND AT TOP OF FILTER PACK |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 501 | | |
| Casing Depth: | 476.3 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--------------------------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1289 | Well Completion Date: | 10-FEB-1993 |
| Well Name: | MWL-MW4 | Completion Zone: | FINE MEDIUM SAND/GRAVELLY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 16-DEC-1992 | Well Comment: | 2 SCREENED INTERVALS |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 552.5 | | |
| Casing Depth: | 548 | | |

Survey Data

Survey Date: 15-MAY-1994
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 411608.044
(Y) Northing: 1452565.255

Surveyed Elevations (FAMSL)

Protective Casing: 5384.05
Top of Inner Well Casing: 5383.46
Concrete Pad: 5381.35
Ground Surface: 5381.61



Calculated Depths and Elevations

Initial Water Elevation: 4896.46
(FAMSL)
Initial Depth To Water: 487
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 2.11

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 473' |
| VOLCLAY | | |

| | | |
|-----------------|--------------------|--------------------|
| Interval | Start | Stop |
| CASING | 0' | 548' |
| SCH 80 PVC | I.D. 4.768" | O.D. 5.563" |

| | | |
|-----------------|--------------|-----------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 552.5' |
| | | O.D. 11" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SECONDARY PACK | 473' | 508' |
| 40/60 MESH | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 482.5' | 502.5' |

Slot Size .01"

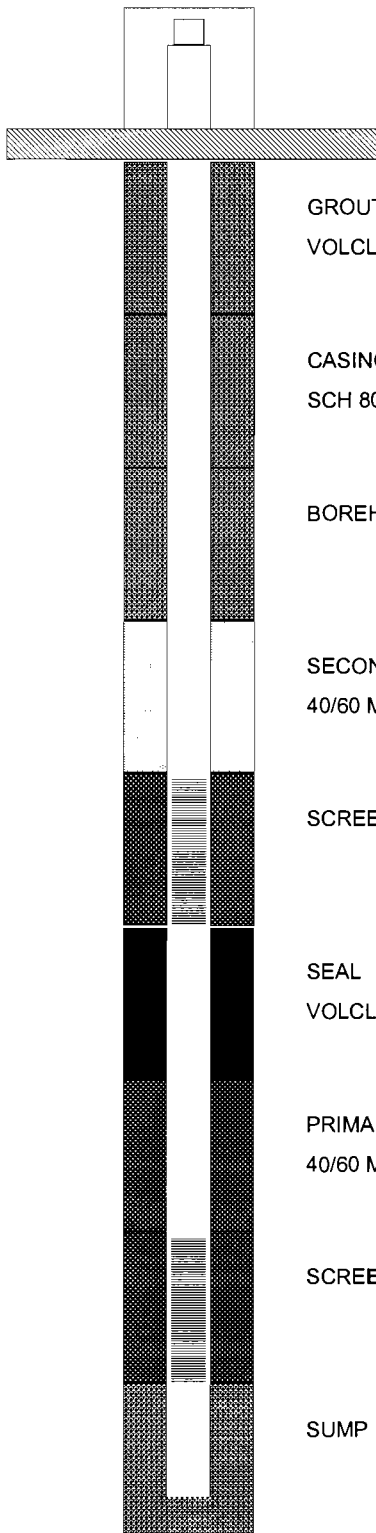
| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 503' | 520' |
| VOLCLAY/BENTONITE | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 520' | 552.5' |
| 40/60 MESH | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 522.5' | 542.5' |

Slot Size .01"

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SUMP | 542.5' | 548' |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|--------------------------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1289 | Well Completion Date: | 10-FEB-1993 |
| Well Name: | MWL-MW4 | Completion Zone: | FINE MEDIUM SAND/GRAVELLY SAND |
| Well Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 16-DEC-1992 | Well Comment: | 2 SCREENED INTERVALS |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 552.5 | | |
| Casing Depth: | 548 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MIXED WASTE LANDFILL | Geo Location: TAIL |
| ER ADS #: 1289 | Well Completion Date: 19-NOV-2000 |
| Well Name: MWL-MW5 | Completion Zone: SILTY SAND |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 03-OCT-2000 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: ARCH | |
| Borehole Depth: 550 | |
| Casing Depth: 521.5 | |

Survey Data

Survey Date: 26-JAN-2001
Surveyed By: ALBUQUERQUE SURVEYING CO.

State Plane Coordinates

(X) Easting: 411261.94
(Y) Northing: 1452294.82

Surveyed Elevations (FAMSL)

Protective Casing: 5380.53
Top of Inner Well Casing: 5379.89
Concrete Pad: 5377.97
Ground Surface: 5377.65



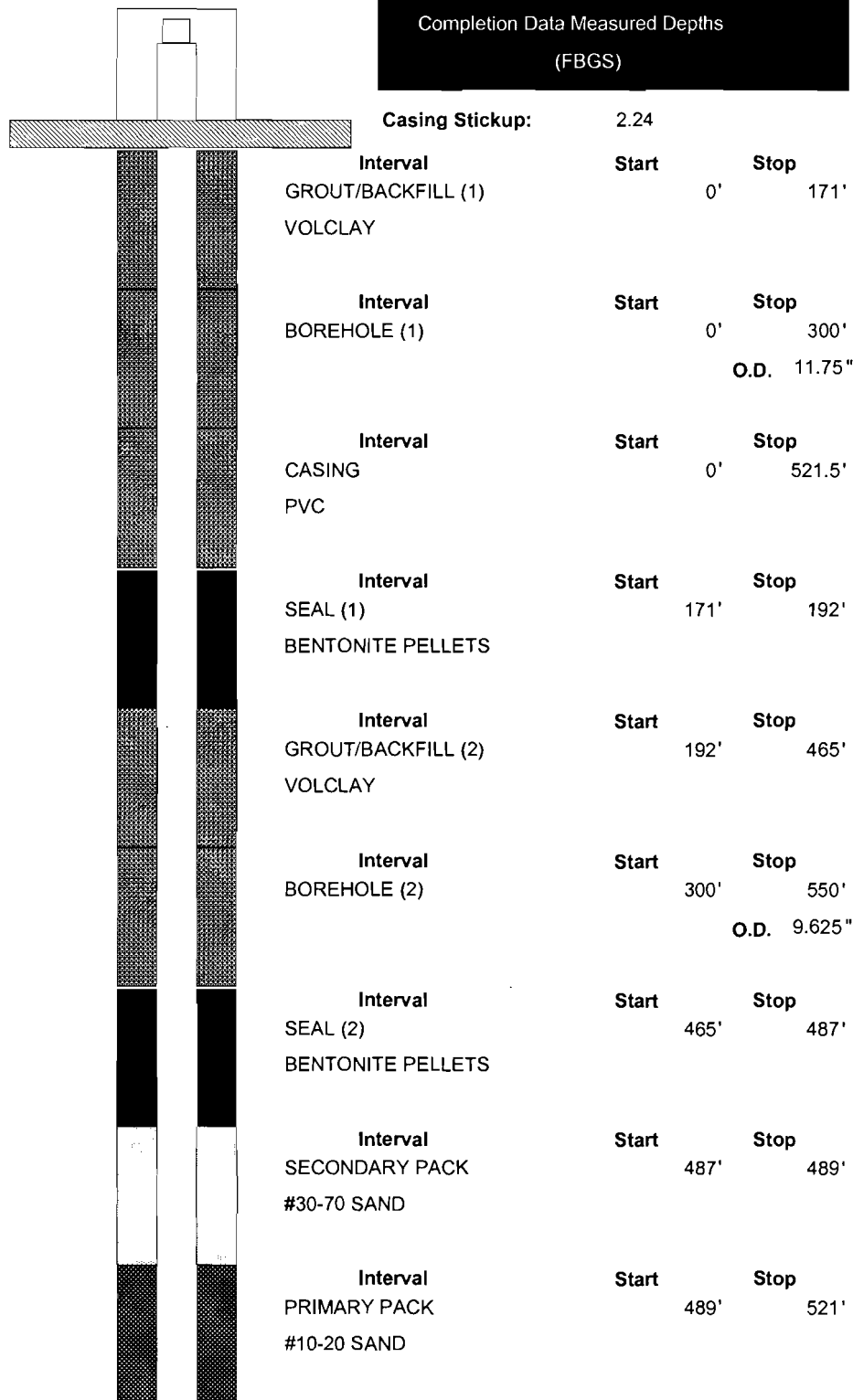
Calculated Depths and Elevations

Initial Water Elevation: 4893.3
(FAMSL)
Initial Depth To Water: 486.59
(FBGS)

Last measured water level was **FASL**
asured on

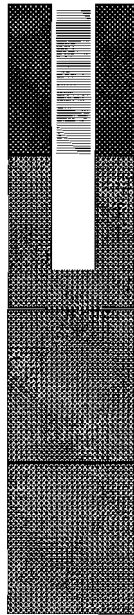
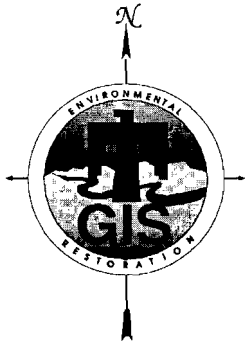
Date Updated: 18-APR-01
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|----------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TAIII |
| ER ADS #: | 1289 | Well Completion Date: | 19-NOV-2000 |
| Well Name: | MWL-MW5 | Completion Zone: | SILTY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 03-OCT-2000 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 550 | | |
| Casing Depth: | 521.5 | | |



| Interval | Start | Stop |
|-------------------|------------------|-------------|
| SCREEN | 496.5' | 516.5' |
| 5" PVC | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 516.5' | 521.5' |
| | | |
| Interval | Start | Stop |
| PLUG BACK (1) | 521.5' | 527' |
| BENTONITE PELLETS | | |
| | | |
| Interval | Start | Stop |
| PLUG BACK (2) | 527' | 546' |
| #10-20 SAND | | |

WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MIXED WASTE LANDFILL | Geo Location: TA III |
| ER ADS #: 1289 | Well Completion Date: 19-OCT-2000 |
| Well Name: MWL-MW6 | Completion Zone: SAND |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 07-SEP-2000 | Well Comment: |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: ARCH | |
| Borehole Depth: 550 | |
| Casing Depth: 505.5 | |

Survey Data

Survey Date: 26-JAN-2001

Surveyed By: ALBUQUERQUE SURVEYING CO.

State Plane Coordinates

(X) Easting: 410925.5

(Y) Northing: 1452656.51


Surveyed Elevations (FAMSL)

Protective Casing: 5372.87

Top of Inner Well Casing: 5372.64

Concrete Pad: 5370.21

Ground Surface: 5369.96




Calculated Depths and Elevations

Initial Water Elevation: 4888.8 (FAMSL)

Initial Depth To Water: 483.84 (FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 18-APR-01 **Date Printed:** 12-JAN-2004



Completion Data Measured Depths (FBGS)

Casing Stickup: 2.68

| | | | |
|-------------------|--------------|-----------------------|--|
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 478' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 505.5' | |
| PVC | | O.D. 5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 550' | |
| | | O.D. 9.625" | |
| Interval | Start | Stop | |
| SEAL | 478' | 493' | |
| BENTONITE PELLETS | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 493' | 499' | |
| 40-60 SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 499' | 537' | |
| 10-20 SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 505.5' | 525.5' | |
| SCH 80 PVC | | | |
| | | Slot Size .02" | |
| Interval | Start | Stop | |
| SUMP | 525.5' | 530.5' | |
| Interval | Start | Stop | |
| PLUG BACK | 537' | 550' | |
| NATURAL BACKFILL | | | |

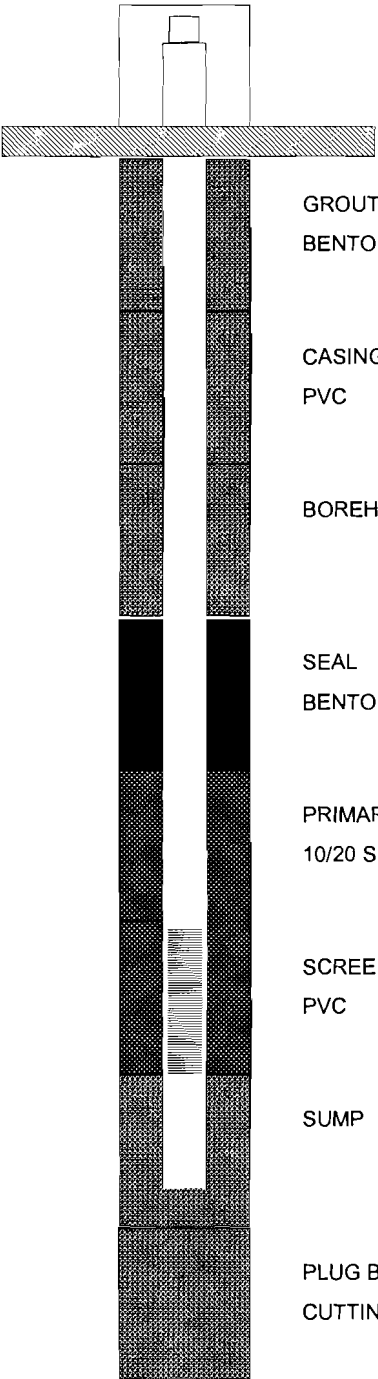
WELL DATABASE SUMMARY SHEET


| | | | |
|------------------------|----------------------|--------------------------|----------------|
| Project Name: | MIXED WASTE LANDFILL | Geo Location: | TA III |
| ER ADS #: | 1289 | Well Completion Date: | 19-OCT-2000 |
| Well Name: | MWL-MW6 | Completion Zone: | SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 07-SEP-2000 | Well Comment: | |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 550 | | |
| Casing Depth: | 505.5 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: | Geo Location: |
| IR ADS #: | Well Completion Date: 13-JUL-1995 |
| Well Name: NMED-1 | Completion Zone: |
| Well ID Name: NMED | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 12-JUL-1995 | Well Comment: |
| Drilling Contractor: FAITH ENGINEERING/LAYNE EN | |
| Drilling Method: AIR ROTARY | |
| Borehole Depth: 147 | |
| Casing Depth: 115 | |

| | | | | | | | | | | | |
|--|--|---|-----------------|--------------|-------------|----------------|-------|-------|-------------------|---------|----------|
| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | |
| Survey Date: | | Casing Stickup: 2.5 | | | | | | | | | |
| Surveyed By: | | | | | | | | | | | |
| State Plane Coordinates | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>80'</td> </tr> <tr> <td>BENTONITE GROUT</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 80' | BENTONITE GROUT | | |
| Interval | Start | Stop | | | | | | | | | |
| GROUT/BACKFILL | 0' | 80' | | | | | | | | | |
| BENTONITE GROUT | | | | | | | | | | | |
| (X) Easting: 423267.28 | | | | | | | | | | | |
| (Y) Northing: 1438857.81 | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>115'</td> </tr> <tr> <td>PVC</td> <td>I.D. 4"</td> <td></td> </tr> </table> | Interval | Start | Stop | CASING | 0' | 115' | PVC | I.D. 4" | |
| Interval | Start | Stop | | | | | | | | | |
| CASING | 0' | 115' | | | | | | | | | |
| PVC | I.D. 4" | | | | | | | | | | |
| Protective Casing: | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>147'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 10"</td> </tr> </table> | Interval | Start | Stop | BOREHOLE | 0' | 147' | | | O.D. 10" |
| Interval | Start | Stop | | | | | | | | | |
| BOREHOLE | 0' | 147' | | | | | | | | | |
| | | O.D. 10" | | | | | | | | | |
| Top of Inner Well Casing: 5620.77 | | | | | | | | | | | |
| Concrete Pad: | | | | | | | | | | | |
| Ground Surface: 5617.99 | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>SEAL</td> <td>80'</td> <td>85.1'</td> </tr> <tr> <td>BENTONITE CHIPS</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | SEAL | 80' | 85.1' | BENTONITE CHIPS | | |
| Interval | Start | Stop | | | | | | | | | |
| SEAL | 80' | 85.1' | | | | | | | | | |
| BENTONITE CHIPS | | | | | | | | | | | |
| | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>85.1'</td> <td>115'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | PRIMARY PACK | 85.1' | 115' | 10/20 SILICA SAND | | |
| Interval | Start | Stop | | | | | | | | | |
| PRIMARY PACK | 85.1' | 115' | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | |
| | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>SCREEN</td> <td>90'</td> <td>110'</td> </tr> <tr> <td>PVC</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | SCREEN | 90' | 110' | PVC | | |
| Interval | Start | Stop | | | | | | | | | |
| SCREEN | 90' | 110' | | | | | | | | | |
| PVC | | | | | | | | | | | |
| | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>SUMP</td> <td>110'</td> <td>115'</td> </tr> </table> | Interval | Start | Stop | SUMP | 110' | 115' | | | |
| Interval | Start | Stop | | | | | | | | | |
| SUMP | 110' | 115' | | | | | | | | | |
| | | <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 40%;">Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>115'</td> <td>147'</td> </tr> <tr> <td>CUTTINGS</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | PLUG BACK | 115' | 147' | CUTTINGS | | |
| Interval | Start | Stop | | | | | | | | | |
| PLUG BACK | 115' | 147' | | | | | | | | | |
| CUTTINGS | | | | | | | | | | | |

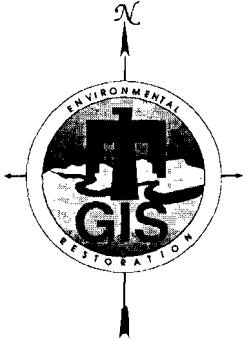


| | |
|---|-------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: 5523 | |
| (FAMSL) | |
| Initial Depth To Water: 89.39 | |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |

| | |
|--------------------------------|----------------------------------|
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |
|--------------------------------|----------------------------------|

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------------------|--------------------------|----------------|
| Project Name: | | Geo Location: | |
| ER ADS #: | | Well Completion Date: | 13-JUL-1995 |
| Well Name: | NMED-1 | Completion Zone: | |
| Well Owner Name: | NMED | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-JUL-1995 | Well Comment: | |
| Drilling Contractor: | FAITH ENGINEERING/LAYNE ENV | | |
| Drilling Method: | AIR ROTARY | | |
| Borehole Depth: | 147 | | |
| Casing Depth: | 115 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: TECHNICAL AREA III | Geo Location: NORTHWEST CORNER OF TA-III |
| ER ADS #: 1306 | Well Completion Date: 20-SEP-1989 |
| Well Name: NWT A-3 | Completion Zone: GRAVELLY SAND |
| Driller Name: SNL | Formation of Completion: SANTA FE |
| Date Drilling Started: 01-SEP-1989 | Well Comment: WATER LEVEL MEASURED ON 8/16/90 WATER LEVEL NEAR BOTTOM OF SCREEN |
| Drilling Contractor: STEWART BROTHERS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 461 | |
| Casing Depth: 460.4 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 407295.546

(Y) Northing: 1455312.371

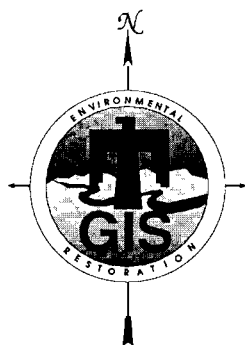
Surveyed Elevations (FAMSL)

Protective Casing: 5332.24

Top of Inner Well Casing: 5333.81

Concrete Pad: 5330.72

Ground Surface: 5330.22



Calculated Depths and Elevations

Initial Water Elevation: 4893.97
(FAMSL)

Initial Depth To Water: 439.84
(FBGS)

Last measured water level was FASL
asured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 3.09

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 412' |
| BENTONITE | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| CASING | 0' | 460.4' |
| PVC | I.D. 4.8" | O.D. 5.5" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 461' |
| | | O.D. 12.25" |

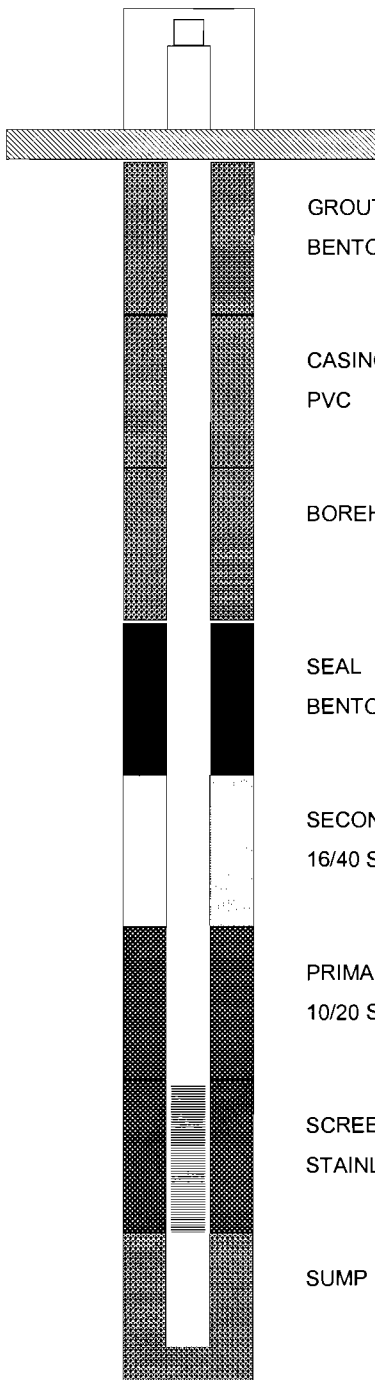
| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 412' | 425' |
| BENTONITE | | |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| SECONDARY PACK | 425' | 427.5' |
| 16/40 SILICA SAND | | |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 427.5' | 461' |
| 10/20 SILICA SAND | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 434.9' | 454.9' |
| STAINLESS STEEL | | |

| | | |
|-----------------|------------------|-------------|
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 454.9' | 460.4' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|--|
| Project Name: | TECHNICAL AREA III | Geo Location: | NORTHWEST CORNER OF TA-III |
| ER ADS #: | 1306 | Well Completion Date: | 20-SEP-1989 |
| Well Name: | NWTA-3 | Completion Zone: | GRAVELLY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-SEP-1989 | Well Comment: | WATER LEVEL MEASURED ON 8/16/90 WATER LEVEL NEAR BOTTOM OF SCREEN |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 461 | | |
| Casing Depth: | 460.4 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: SNL NM GW PROT CN PGM | Geo Location: TALL, W. OF LONG SLED TRACK |
| ER ADS #: NA | Well Completion Date: 25-AUG-2000 |
| Well Name: NWT A3-MW2 | Completion Zone: ALLUVIAL SAND AND GRAVEL |
| Well ID Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 09-AUG-2000 | Well Comment: DUAL COMPLETION-2 SCREENS. AIR PACKER INSTALLED BETWEEN SCRNS 24-AUG-2000, WL = 457 FBGS 28-AUG-2000, WL = 457 FBGS |
| Drilling Contractor: WATER DEV. CORP. | |
| Drilling Method: AIR WITH STRATEX | |
| Borehole Depth: 541 | |
| Casing Depth: 505 | |

Survey Data

Survey Date: 30-AUG-2000

Surveyed By:

State Plane Coordinates

(X) Easting: 407372.81

(Y) Northing: 1455280

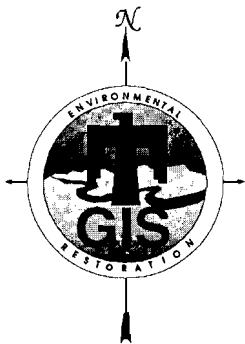
Surveyed Elevations (FAMSL)

Protective Casing: 5335.4

Top of Inner Well Casing: 5334.82

Concrete Pad: 5332.96

Ground Surface: 5332.77



Calculated Depths and Elevations

Initial Water Elevation: 4873
(FAMSL)

Initial Depth To Water: 459.11
(FBGS)

Last measured water level was **FASL**
asured on

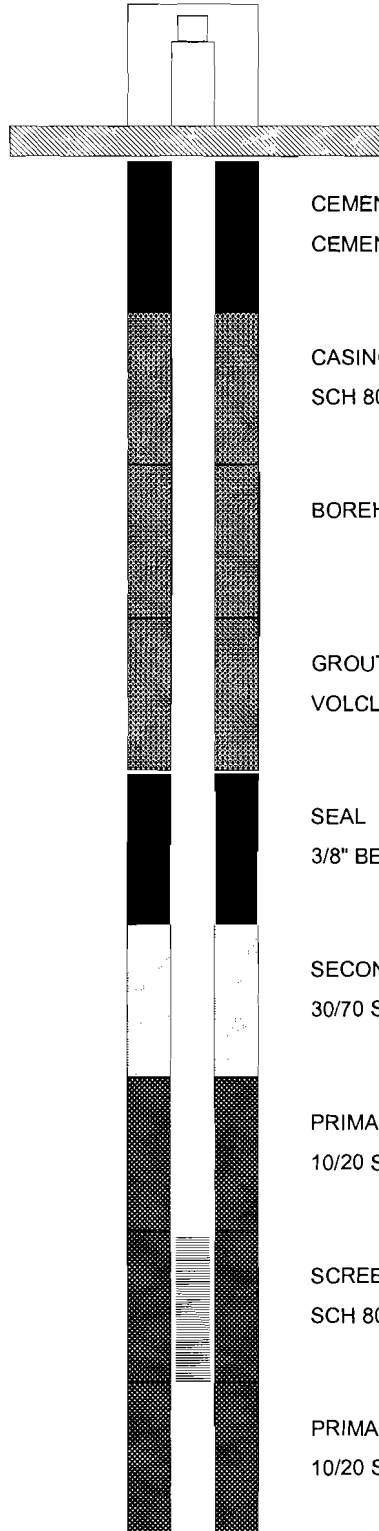
Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

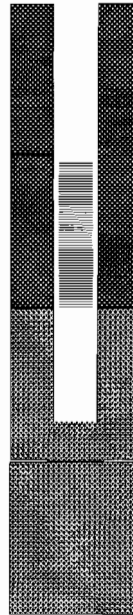
Casing Stickup: 2

| | | | |
|----------------------|------------------|-------------|--|
| Interval | Start | Stop | |
| CEMENT SEAL | 0' | 10' | |
| CEMENT BENT GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 505' | |
| SCH 80, 5", PVC | I.D. 4.8" | O.D. 5.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 541' | |
| | | O.D. 9.625" | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 10' | 431' | |
| VOLCLAY GROUT | | | |
| Interval | Start | Stop | |
| SEAL | 431' | 442' | |
| 3/8" BENTONITE PELTS | | | |
| Interval | Start | Stop | |
| SECONDARY PACK (1) | 442' | 448' | |
| 30/70 SILICA SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK (1) | 448' | 474' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN (1) | 455' | 475' | |
| SCH 80 PVC, 5' BLANK | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| PRIMARY PACK (2) | 474' | 477' | |
| 10/20 SILICA SAND | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------------|---------------------------------|---|
| Project Name: | SNL NM GW PROTCN PGM | Geo Location: | TAIII, W. OF LONG SLED TRACK |
| ER ADS #: | NA | Well Completion Date: | 25-AUG-2000 |
| Well Name: | NWTA3-MW2 | Completion Zone: | ALLUVIAL SAND AND GRAVEL |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-AUG-2000 | Well Comment: | DUAL COMPLETION-2 SCREENS. AIR PACKER INSTALLED BETWEEN SCRNS 24-AUG-2000, WL = 457 FBGS 28-AUG-2000, WL = 457 FBGS |
| Drilling Contractor: | WATER DEV. CORP. | | |
| Drilling Method: | AIR WITH STRATEX | | |
| Borehole Depth: | 541 | | |
| Casing Depth: | 505 | | |



| Interval | Start | Stop |
|--|-------|------|
| PRIMARY PACK (3) 3/8" BENTONITE PELTS | 477' | 508' |
| Interval | Start | Stop |
| SCREEN (2) SCH 80 PVC, 5' BLANK | 480' | 500' |
| Interval | Start | Stop |
| SUMP | 500' | 505' |
| Interval | Start | Stop |
| PLUG BACK NATURAL BACKFILL | 508' | 541' |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: SITE WIDE | Geo Location: NW CORNER OF TAILI |
| ER ADS #: NA | Well Completion Date: 09-JUL-2003 |
| Well Name: NWT A3-MW3D | Completion Zone: SAND |
| Well ID Name: SNL | Formation of Completion: SANTE FE |
| Date Drilling Started: 30-JUN-2003 | Well Comment: ELEVATIONS ARE ESTIMATED. 0-15': CEMENT. 15-18': 3/8" BENTONITE CHIPS. X-Y COORDINATES ARE GPS. NB=NATURAL BACKFILL |
| Drilling Contractor: WDC | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 705 | |
| Casing Depth: 679.4 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 407349.625

(Y) Northing: 1455450.75

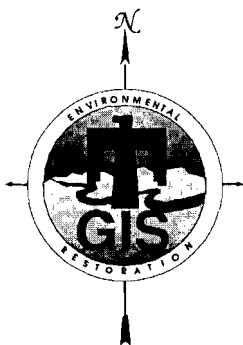
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 5335.3

Concrete Pad:

Ground Surface: 5333



Calculated Depths and Elevations

Initial Water Elevation: 4869.3
(FAMSL)

Initial Depth To Water: 466
(FBGS)

Last measured water level was FASL
measured on

Date Updated: 22-OCT-03
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 2.3

| | | | |
|-----------------|--------------|-------------|--------|
| Interval | Start | Stop | |
| CASING | | 0' | 679.4' |
| SCHEDULE 80 PVC | I.D. 4.8" | O.D. 5.5" | |

| | | | |
|-----------------|--------------|--------------|--|
| Interval | Start | Stop | |
| BOREHOLE | 0' | 705' | |
| | | O.D. 10.625" | |

| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| GROUT/BACKFILL | 18' | 450' | |
| VOLCLAY GROUT | | | |

| | | | |
|------------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SEAL | 450' | 635' | |
| SEE WELL COMMENT | | | |

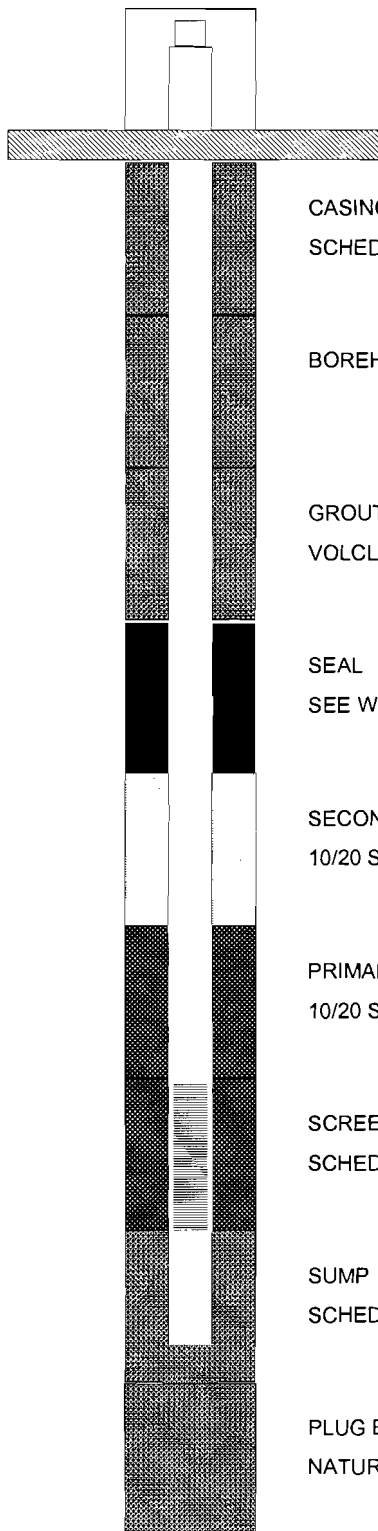
| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SECONDARY PACK | 635' | 643' | |
| 10/20 SAND & NB | | | |

| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| PRIMARY PACK | 643' | 701' | |
| 10/20 SAND | | | |

| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SCREEN | 654.4' | 674.4' | |
| SCHEDULE 80 PVC | | | |

| | | | |
|-----------------|------------------|-------------|--|
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 674.4' | 679.4' | |
| SCHEDULE 80 PVC | | | |

| | | | |
|------------------|--------------|-------------|--|
| Interval | Start | Stop | |
| PLUG BACK | 701' | 705' | |
| NATURAL BACKFILL | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | SITE WIDE | Geo Location: | NW CORNER OF TALL |
| ER ADS #: | NA | Well Completion Date: | 09-JUL-2003 |
| Well Name: | NWTA3-MW3D | Completion Zone: | SAND |
| Well Owner Name: | SNL | Formation of Completion: | SANTE FE |
| Date Drilling Started: | 30-JUN-2003 | Well Comment: | ELEVATIONS ARE ESTIMATED. 0-15': CEMENT. 15-18': 3/8" BENTONITE CHIPS. X-Y COORDINATES ARE GPS. NB=NATURAL BACKFILL |
| Drilling Contractor: | WDC | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 705 | | |
| Casing Depth: | 679.4 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: CENTRAL COYOTE TEST | Geo Location: SW COYOTE TEST FIELD |
| ER ADS #: 1334 | Well Completion Date: 19-AUG-1987 |
| Well Name: Optical Range Well | Completion Zone: FRACTURED GRANITE |
| Owner Name: KAFB | Formation of Completion: PRECAMBRIAN GRANITE |
| Date Drilling Started: 17-AUG-1987 | Well Comment: ALTERNATE NAME=SOR |
| Drilling Contractor: WITT ADKISON | |
| Drilling Method: ROTARY | |
| Borehole Depth: 320 | |
| Casing Depth: 320 | |

Survey Data

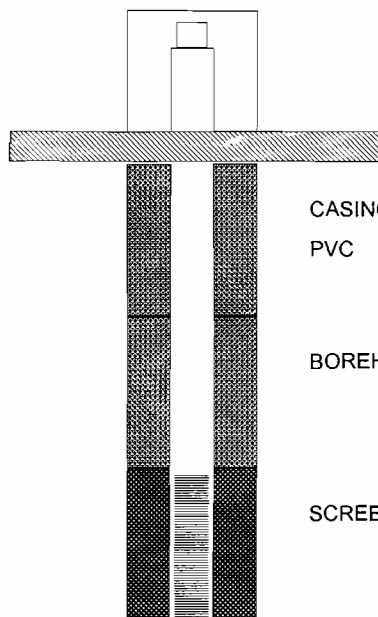
Completion Data Measured Depths (FBGS)

Survey Date:
Surveyed By:

State Plane Coordinates

(X) Easting: 436523.366
(Y) Northing: 1441356.283

Surveyed Elevations (FAMSL)



Casing Stickup:

| Interval | Start | Stop |
|----------|-------|---------|
| CASING | 0' | 320' |
| PVC | | O.D. 5" |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 320' |
| | | O.D. 7.875" |

| Interval | Start | Stop |
|----------|-------|------|
| SCREEN | 160' | 320' |

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5963



Calculated Depths and Elevations

Initial Water Elevation: 5835
(FAMSL)

Initial Depth To Water: 150
(FBGS)

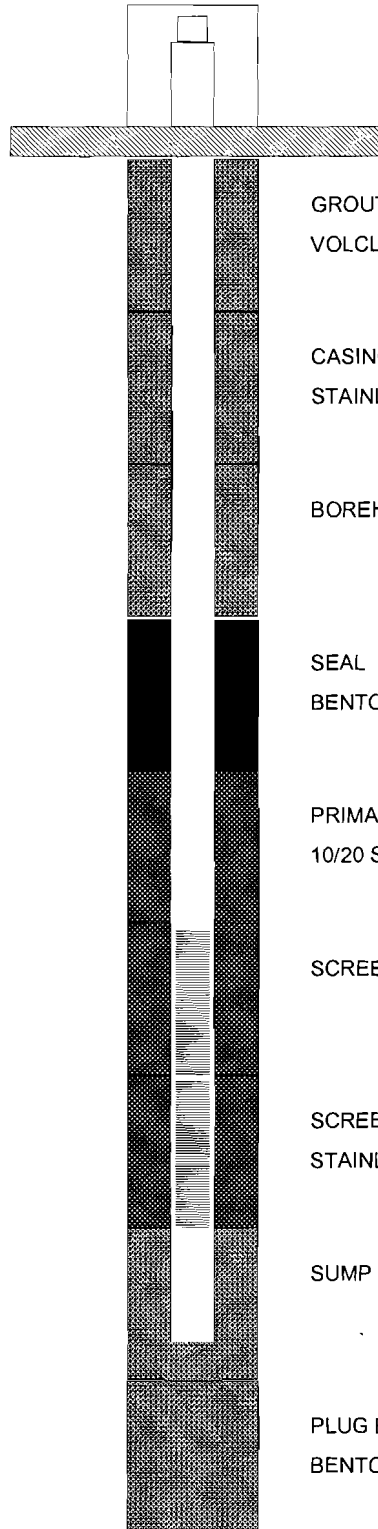
Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | SWHC | Geo Location: | TA-I NORTH OF KAFB |
| IR ADS #: | 1330 | Well Completion Date: | 09-AUG-1994 |
| Well Name: | PGS-1 | Completion Zone: | SANDY GRAVEL AND SILTY SAND |
| Well ID Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1994 | Well Comment: | WATER LEVEL IS BELOW SCREEN-WELL IS UNUSABLE |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 750 | | PLUGGED AND ABANDONED APRIL 98 |
| Casing Depth: | 538 | | |

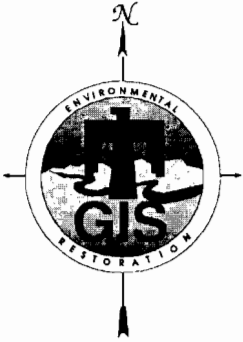
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|---|-------------|
| Survey Date: | 14-NOV-1994 | Casing Stickup: | |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 410481.681 | GROUT/BACKFILL | 0' 465' |
| (Y) Northing: | 1475350.667 | VOLCLAY SLURRY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5405.198 | CASING | 0' 538' |
| Top of Inner Well Casing: | 5404.744 | STAINLESS STEEL | I.D. 5" |
| Concrete Pad: | 5405.198 | Interval | Start Stop |
| Ground Surface: | 5405.185 | BOREHOLE | 0' 750' |
| | | | O.D. 9.875" |
| | | Interval | Start Stop |
| | | SEAL | 465' 478.5' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 478.5' 542' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 503' 513' |
| | | Interval | Start Stop |
| | | SCREEN | 518' 528' |
| | | STAINLESS STEEL | |
| | | Interval | Start Stop |
| | | SUMP | 528' 538' |
| | | Interval | Start Stop |
| | | PLUG BACK | 542' 750' |
| | | BENTONITE PELLETS | |



| Calculated Depths and Elevations | |
|--|-----------------------------|
| Initial Water Elevation: (FAMSL) | 4881.115 |
| Initial Depth To Water: (FBGS) | 524 |
| Last measured water level was measured on | 4876.22 FASL 24-JAN-1996 |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | SWHC | Geo Location: | TA-I NORTH OF KAFB |
| IR ADS #: | 1330 | Well Completion Date: | 09-AUG-1994 |
| Well Name: | PGS-1 | Completion Zone: | SANDY GRAVEL AND SILTY SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1994 | Well Comment: | WATER LEVEL IS BELOW SCREEN-WELL IS UNUSABLE |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 750 | | PLUGGED AND ABANDONED APRIL 98 |
| Casing Depth: | 538 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SWHC | Geo Location: SOUTH OF PARADE GROUNDS |
| ER ADS #: 1330 | Well Completion Date: 22-SEP-1995 |
| Well Name: PGS-2 | Completion Zone: SILTY SAND |
| Operator Name: SNL - NM | Formation of Completion: UPPER SANTA FE UNIT |
| Date Drilling Started: 09-SEP-1995 | Well Comment: 3 SCREEN INTERVALS (535-565,585-595,625-645) SEPARATED BY BENTONITE CHIPS |
| Drilling Contractor: USGS | |
| Drilling Method: ROTARY MUD | |
| Borehole Depth: 660 | |
| Casing Depth: 655 | |

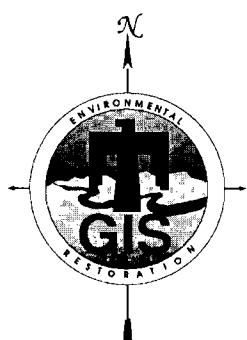
Survey Data

Survey Date: 27-OCT-1995
Surveyed By: GREINER, INC.

State Plane Coordinates
(X) Easting: 410481.946
(Y) Northing: 1475379.818

Surveyed Elevations (FAMSL)

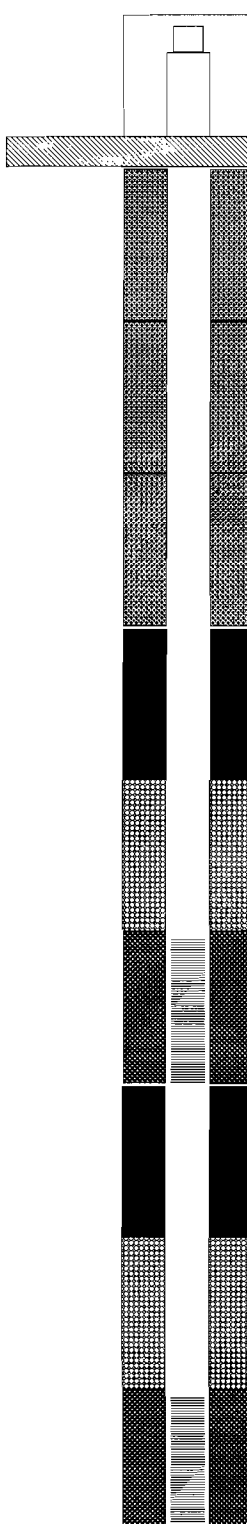
Protective Casing: 5405.99
Top of Inner Well Casing: 5405.62
Concrete Pad: 5405.27
Ground Surface: 5405.19



Calculated Depths and Elevations

Initial Water Elevation: 4859.32 (FAMSL)
Initial Depth To Water: 546.3 (FBGS)
Last measured water level was 4859.8 **FASL**
asured on 15-AUG-1996

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004



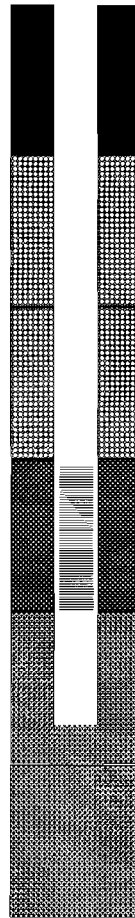
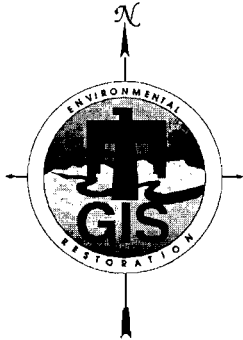
Completion Data Measured Depths (FBGS)

Casing Stickup: .5

| Interval | Start | Stop |
|----------------------|------------------|-------------|
| GROUT/BACKFILL | 0' | 480' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 655' |
| 5" SS, SCH 10 | I.D. 5" | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 660' |
| | | O.D. 9.625" |
| Interval | Start | Stop |
| SEAL | 480' | 485' |
| .5" BENTONITE PELLET | | |
| Interval | Start | Stop |
| SAND PACK | 485' | 567' |
| 10/20 SAND | | |
| Interval | Start | Stop |
| SCREEN | 535' | 565' |
| 5" SS, SCH10 | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SEAL | 567' | 580' |
| BENTONITE CHIPS | | |
| Interval | Start | Stop |
| SAND PACK | 580' | 596' |
| 10/20 SAND | | |
| Interval | Start | Stop |
| SCREEN | 585' | 595' |
| 5" SS, SCH 10 | | |
| | Slot Size | .02" |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | SOUTH OF PARADE GROUNDS |
| ER ADS #: | 1330 | Well Completion Date: | 22-SEP-1995 |
| Well Name: | PGS-2 | Completion Zone: | SILTY SAND |
| Operator Name: | SNL - NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 09-SEP-1995 | Well Comment: | 3 SCREEN INTERVALS (535-565,585-595,625-645) |
| Drilling Contractor: | USGS | | SEPARATED BY BENTONITE CHIPS |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 660 | | |
| Casing Depth: | 655 | | |



| Interval | Start | Stop |
|-----------------|-------|------|
| SEAL | 596' | 616' |
| BENTONITE CHIPS | | |
| Interval | Start | Stop |
| SAND PACK | 616' | 620' |
| 16/40 SAND | | |
| Interval | Start | Stop |
| SAND PACK | 620' | 660' |
| 10/20 SAND | | |
| Interval | Start | Stop |
| SCREEN | 625' | 645' |
| 5" SS, SCH 10 | | |
| Interval | Start | Stop |
| SUMP | 645' | 655' |
| | | |
| Interval | Start | Stop |
| PLUG BACK | 655' | 660' |
| 10/20 SAND | | |

Slot Size .02"

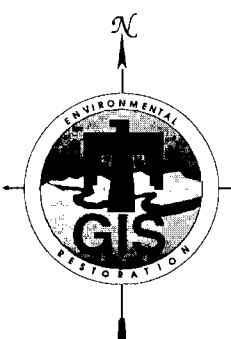
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | SOUTH OF PARADE GROUNDS |
| ER ADS #: | 1330 | Well Completion Date: | 22-SEP-1995 |
| Well Name: | PGS-2 | Completion Zone: | SILTY SAND |
| Well Owner Name: | SNL - NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 09-SEP-1995 | Well Comment: | 3 SCREEN INTERVALS (535-565,585-595,625-645) SEPARATED BY BENTONITE CHIPS |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 660 | | |
| Casing Depth: | 655 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MONTESSA PARK | Geo Location: W. OF KAFB N. TIJERAS ARROYO |
| ER ADS #: | Well Completion Date: 10-SEP-1997 |
| Well Name: MONTESSA PARK D | Completion Zone: SAND AND GRAVELLY SAND |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Date Drilling Started: | |
| Drilling Contractor: USGS | Well Comment: MULTIPLE COMPLETIONS P1, P2 AND P3-ENTERED SEPERATELY AS MONTESSA PARK D, MONTESSA PARK M, MONTESSA PARK S. |
| Drilling Method: ROTARY | |
| Borehole Depth: 1650 | |
| Casing Depth: 1628 | |

| Survey Data | | Completion Data Measured Depths (FBGS) |
|---|--|--|
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | Casing Stickup: 1.44 |
| (X) Easting: 390193.5 | | Interval Start Stop |
| (Y) Northing: 1461202.5 | | GROUT/BACKFILL 0' 192' |
| Surveyed Elevations (FAMSL) | | Interval Start Stop |
| | | CASING 0' 1628' |
| Protective Casing: | | PVC I.D. 2.22" O.D. 2.5" |
| Top of Inner Well Casing: | | Interval Start Stop |
| Concrete Pad: 5100 | | BOREHOLE 0' 1650' |
| Ground Surface: 5100 | | O.D. 10.102" |
|  | | Interval Start Stop |
| | | SEAL 713' 1584' |
| | | BENTONITE CHIPS |
| | | Interval Start Stop |
| | | SECONDARY SEAL 1584' 1596' |
| | | BENSEAL |
| | | Interval Start Stop |
| | | PRIMARY PACK 1596' 1638' |
| | | SAND |
| | | Interval Start Stop |
| | | SCREEN 1618' 1623' |
| | | SS |
| | | Interval Start Stop |
| | | SUMP 1623' 1628' |
| | | |
| | | Interval Start Stop |
| | | PLUG BACK 1638' 1650' |
| | | BENSEAL |

Calculated Depths and Elevations

Initial Water Elevation: 4889
(FAMSL)

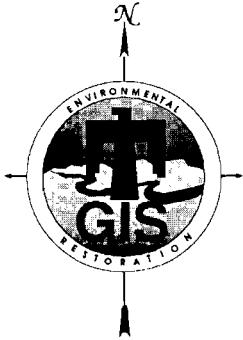
Initial Depth To Water: 211.41
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | MONTESSA PARK | Geo Location: | W. OF KAFB N. TIJERAS ARROYO |
| ER ADS #: | | Well Completion Date: | 10-SEP-1997 |
| Well Name: | MONTESSA PARK D | Completion Zone: | SAND AND GRAVELLY SAND |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | | Well Comment: | MULTIPLE COMPLETIONS P1, P2 AND P3-ENTERED SEPERATELY AS MONTESSA PARK D, MONTESSA PARK M, MONTESSA PARK S. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1650 | | |
| Casing Depth: | 1628 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MONTESSA PARK | Geo Location: W. OF KAFB N. TIJERAS ARROYO |
| ER ADS #: | Well Completion Date: 10-SEP-1997 |
| Well Name: MONTESSA PARK M | Completion Zone: SAND |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Date Drilling Started: | Well Comment: MULTIPLE COMPLETIONS P1, P2 AND P3-ENTERED SEPERATELY AS MONTESSA PARK D, MONTESSA PARK M, MONTESSA PARK S. |
| Drilling Contractor: USGS | |
| Drilling Method: ROTARY | |
| Borehole Depth: 1650 | |
| Casing Depth: 708 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 390193.5

(Y) Northing: 1461202.5

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad: 5100

Ground Surface: 5100



Calculated Depths and Elevations

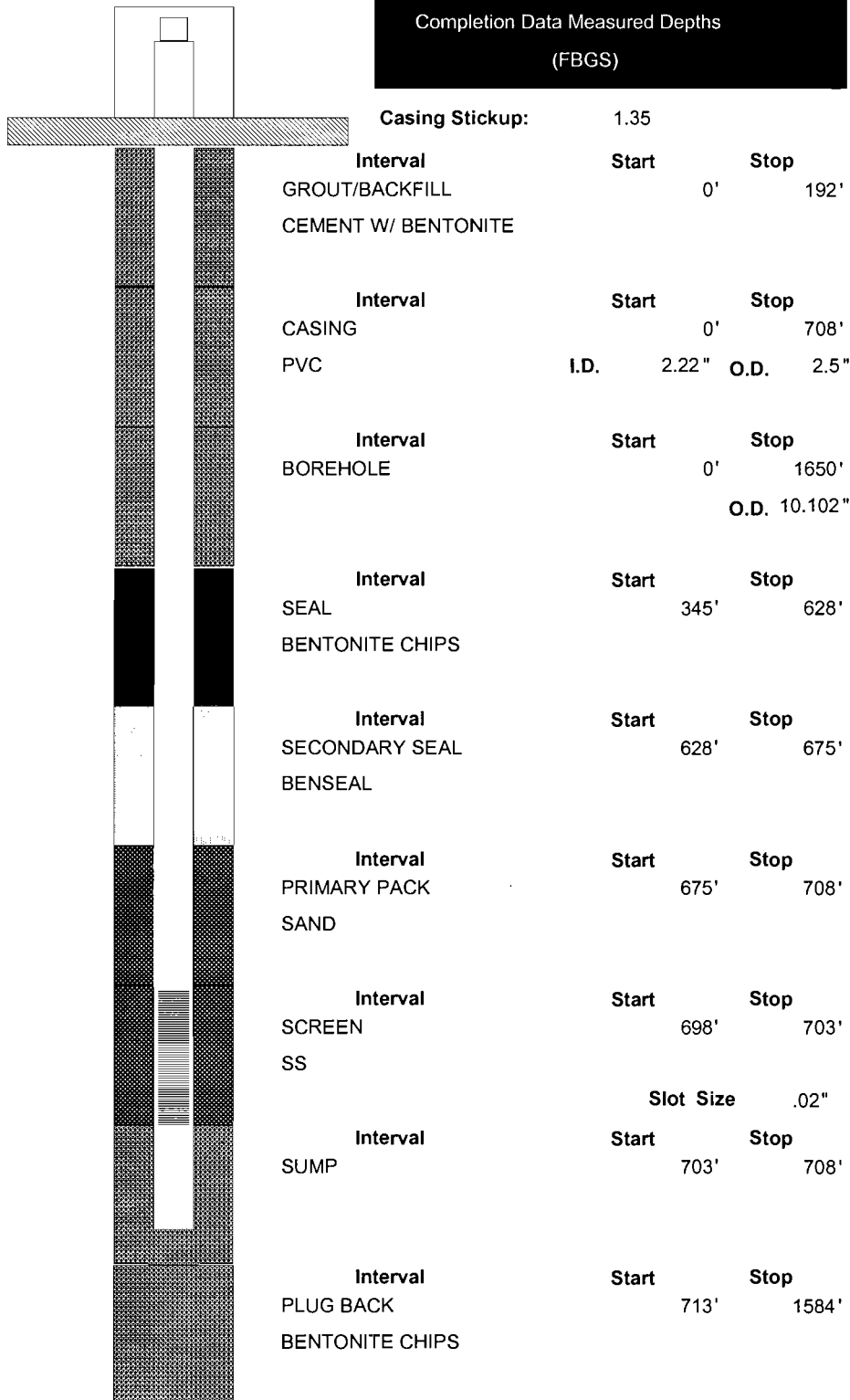
Initial Water Elevation: 4886
(FAMSL)

Initial Depth To Water: 214.57
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | MONTESSA PARK | Geo Location: | W. OF KAFB N. TIJERAS ARROYO |
| ER ADS #: | | Well Completion Date: | 10-SEP-1997 |
| Well Name: | MONTESSA PARK M | Completion Zone: | SAND |
| City Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | | Well Comment: | MULTIPLE COMPLETIONS P1, P2 AND P3-ENTERED SEPERATELY AS MONTESSA PARK D, MONTESSA PARK M, MONTESSA PARK S. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1650 | | |
| Casing Depth: | 708 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: MONTESSA PARK | Geo Location: W. OF KAFB N OF TIJERAS ARROYO |
| ER ADS #: | Well Completion Date: 10-SEP-1997 |
| Well Name: MONTESSA PARK S | Completion Zone: SAND AND GRAVEL |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Date Drilling Started: | |
| Drilling Contractor: USGS | Well Comment: MULTIPLE COMPLETIONS P1, P2 AND P3-ENTERED SEPERATELY AS MONTESSA PARK D, MONTESSA PARK M, MONTESSA PARK S. |
| Drilling Method: ROTARY | |
| Borehole Depth: 1650 | |
| Casing Depth: 330 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 390193.5

(Y) Northing: 1461202.5

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad: 5100

Ground Surface: 5100



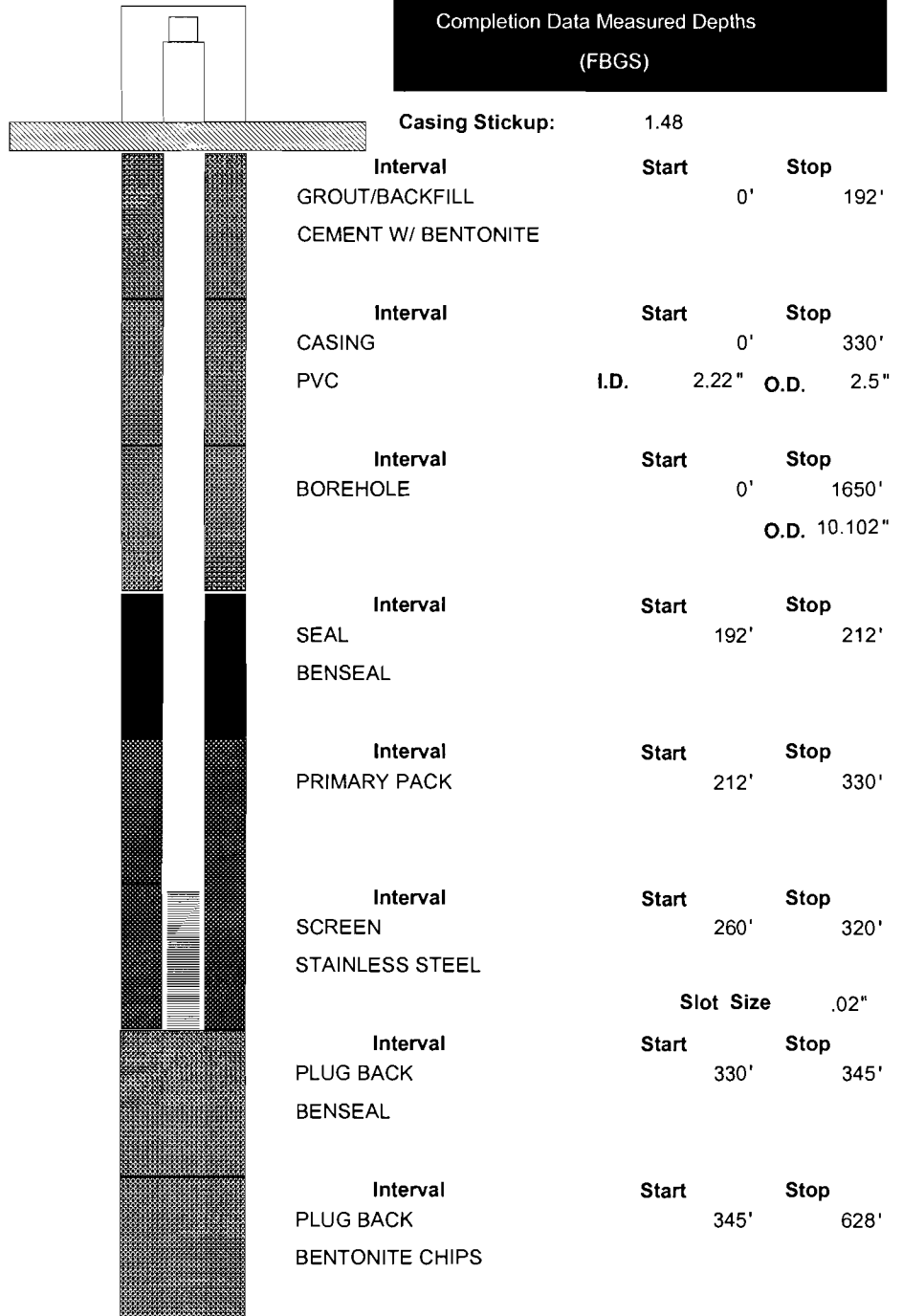
Calculated Depths and Elevations

Initial Water Elevation: 4889
(FAMSL)

Initial Depth To Water: 211.33
(FBGS)

Last measured water level was **FASL**
asured on

Completion Data Measured Depths (FBGS)



Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004


WELL DATABASE SUMMARY SHEET

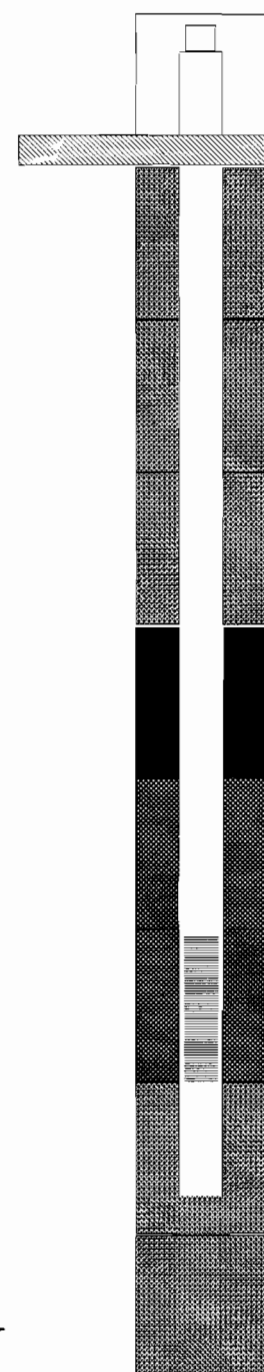
| | | | |
|------------------------|---------------------|--------------------------|---|
| Project Name: | MONTESSA PARK | Geo Location: | W. OF KAFB N OF TIJERAS ARROYO |
| ER ADS #: | | Well Completion Date: | 10-SEP-1997 |
| Well Name: | MONTESSA PARK S | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | | Well Comment: | MULTIPLE COMPLETIONS P1, P2 AND P3-ENTERED SEPERATELY AS MONTESSA PARK D, MONTESSA PARK M, MONTESSA PARK S. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1650 | | |
| Casing Depth: | 330 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: SWHC | Geo Location: KAFB WEST BOUNDARY |
| ER ADS #: 1330 | Well Completion Date: 28-OCT-1994 |
| Well Name: PL-1 | Completion Zone: SANDY GRAVEL |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 15-OCT-1994 | Well Comment: PIEZOMETER |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 750 | |
| Casing Depth: 480 | |

| Survey Data | | Completion Data Measured Depths (FBGS) |
|--|----------------------------------|--|
| Survey Date: 22-DEC-1994 | | |
| Surveyed By: GREINER, INC. | | |
| State Plane Coordinates | | |
| (X) Easting: 405991.551 | | |
| (Y) Northing: 1459634.074 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: 5333.07 | | |
| Top of Inner Well Casing: 5332.316 | | |
| Concrete Pad: 5330.78 | | |
| Ground Surface: 5330.66 | | |
|  | | |
| Calculated Depths and Elevations | | |
| Initial Water Elevation: 4885.32 (FAMSL) | | |
| Initial Depth To Water: 447 (FBGS) | | |
| Last measured water level was 4879.25 FASL asured on 07-AUG-1996 | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST BOUNDARY |
| ER ADS #: | 1330 | Well Completion Date: | 28-OCT-1994 |
| Well Name: | PL-1 | Completion Zone: | SANDY GRAVEL |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 15-OCT-1994 | Well Comment: | PIEZOMETER |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 750 | | |
| Casing Depth: | 480 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--------------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST BOUNDARY |
| ER ADS #: | 1330 | Well Completion Date: | 18-NOV-1994 |
| Well Name: | PL-2 | Completion Zone: | COARSE SAND 500-600 FEET |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-NOV-1994 | Well Comment: | DEEP PUMPING WELL |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 629 | | |
| Casing Depth: | 617 | | |

Survey Data

Survey Date: 22-DEC-1994
 Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 405971.601
 (Y) Northing: 1459639.113

Surveyed Elevations (FAMSL)

Protective Casing: 5333.42
 Top of Inner Well Casing: 5333.342
 Concrete Pad: 5330.38
 Ground Surface: 5330.3



Calculated Depths and Elevations

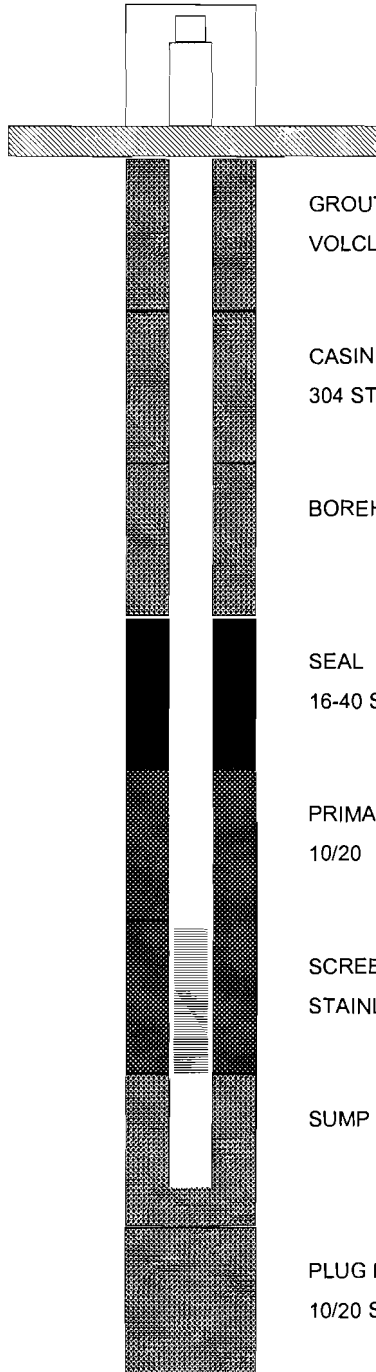
Initial Water Elevation: 4881.122
 (FAMSL)
 Initial Depth To Water: 452.22
 (FBGS)
 Last measured water level was 4877.82 FASL
 asured on 07-AUG-1996

Date Printed:
 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 3

| Interval | Start | Stop |
|----------------------|------------|-----------|
| GROUT/BACKFILL | 0' | 549' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 617' |
| 304 STAINLESS STEEL | I.D. 4.75" | O.D. 5.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 629' |
| | O.D. 10" | |
| Interval | Start | Stop |
| SEAL | 549.5' | 561.5' |
| 16-40 SAND/BENT PELL | | |
| Interval | Start | Stop |
| PRIMARY PACK | 561.5' | 629' |
| 10/20 | | |
| Interval | Start | Stop |
| SCREEN | 577' | 597' |
| STAINLESS STEEL | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 597' | 617' |
| Interval | Start | Stop |
| PLUG BACK | 617' | 629' |
| 10/20 SAND | | |



Date Updated:
 14-MAR-00

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST BOUNDARY |
| ER ADS #: | 1330 | Well Completion Date: | 18-NOV-1994 |
| Well Name: | PL-2 | Completion Zone: | COARSE SAND 500-600 FEET |
| ir Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-NOV-1994 | Well Comment: | DEEP PUMPING WELL |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 629 | | |
| Casing Depth: | 617 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-----------------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST POWERLINE |
| ER ADS #: | 1330 | Well Completion Date: | 04-DEC-1994 |
| Well Name: | PL-3 | Completion Zone: | COARSE SAND |
| Operator Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-NOV-1994 | Well Comment: | 4" WATER TABLE PUMPING WELL |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 480 | | |
| Casing Depth: | 475 | | |

Survey Data

Survey Date: 22-DEC-1994
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 405951.733
(Y) Northing: 1459644.606

Surveyed Elevations (FAMSL)

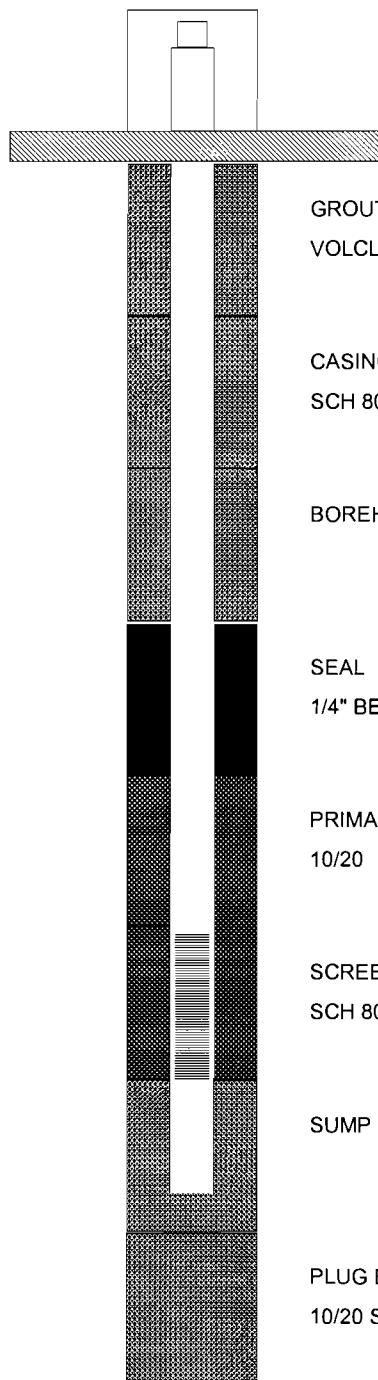
Protective Casing: 5332.64
Top of Inner Well Casing: 5331.972
Concrete Pad: 5330.19
Ground Surface: 5330.11



Calculated Depths and Elevations

Initial Water Elevation: 4878.57
(FAMSL)
Initial Depth To Water: 453.4
(FBGS)

Last measured water level was **FASL**
asured on 25-SEP-1997



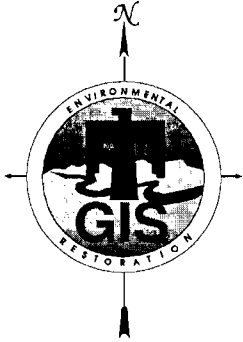
Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|--------------------|--|
| Casing Stickup: | 1.86 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 402' | |
| VOLCLAY 10/20 SAND | | | |
| Interval | Start | Stop | |
| CASING | 0' | 475' | |
| SCH 80 PVC | I.D. 3.8" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 480' | |
| | | O.D. 7.875" | |
| Interval | Start | Stop | |
| SEAL | 402' | 419' | |
| 1/4" BENTONITE PELL. | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 419' | 480' | |
| 10/20 | | | |
| Interval | Start | Stop | |
| SCREEN | 445' | 465' | |
| SCH 80 PVC | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 465' | 475' | |
| Interval | Start | Stop | |
| PLUG BACK | 475' | 480' | |
| 10/20 SAND | | | |

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

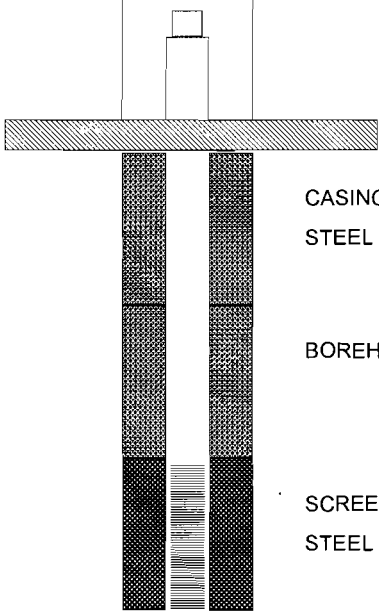
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-----------------------------|
| Project Name: | SWHC | Geo Location: | KAFB WEST POWERLINE |
| ER ADS #: | 1330 | Well Completion Date: | 04-DEC-1994 |
| Well Name: | PL-3 | Completion Zone: | COARSE SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 29-NOV-1994 | Well Comment: | 4" WATER TABLE PUMPING WELL |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 480 | | |
| Casing Depth: | 475 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|--------------------------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | TRUMBULL AND ALTEZ |
| ER ADS #: | NA | Well Completion Date: | 13-JAN-1964 |
| Well Name: | RIDGECREST 1 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 17-DEC-1963 | Well Comment: | WATER LEVEL MEASURED IN JANUARY 1964 |
| Drilling Contractor: | ROSCOE MOSS | | |
| Drilling Method: | ROTARY | | |
| Borehole Depth: | 1260 | | |
| Casing Depth: | 1260 | | |

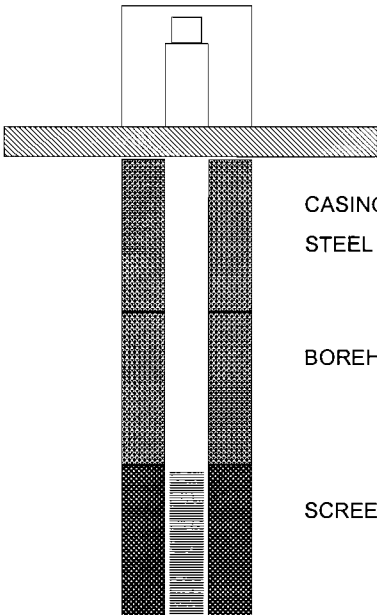
| | | |
|----------------------------------|--|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | Casing Stickup: 4 |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: 413622 | | Interval Start Stop |
| (Y) Northing: 1480171 | | CASING 0' 1260' |
| | | STEEL O.D. 16" |
| | | Interval Start Stop |
| | | BOREHOLE 0' 1260' |
| | | Interval Start Stop |
| | | SCREEN 636' 1260' |
| | | STEEL |
| | | Slot Size .09" |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: 5442 | | |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 4931 |
| (FAMSL) | |
| Initial Depth To Water: | 511 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-----------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | NORTH OF KAFB |
| ER ADS #: | NA | Well Completion Date: | |
| Well Name: | RIDGECREST 2 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JAN-1977 | Well Comment: | |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Borehole Depth: | 1543 | | |
| Casing Depth: | 1543 | | |

| | | |
|------------------------------------|--|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: | 412398 | |
| (Y) Northing: | 1482369 | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Top of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: | 5416 | |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 4875 |
| (FAMSL) | |
| Initial Depth To Water: | 541 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|-----------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 415 VIRGINIA SE |
| ER ADS #: | NA | Well Completion Date: | 01-MAY-1974 |
| Well Name: | RIDGECREST 3 | Completion Zone: | SAND AND GRAVEL |
| City Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-MAY-1974 | Well Comment: | |
| Drilling Contractor: | WATER INDUSTRIES | | |
| Drilling Method: | | | |
| Borehole Depth: | 1475 | | |
| Casing Depth: | 1449 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 409426

(Y) Northing: 1480831

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

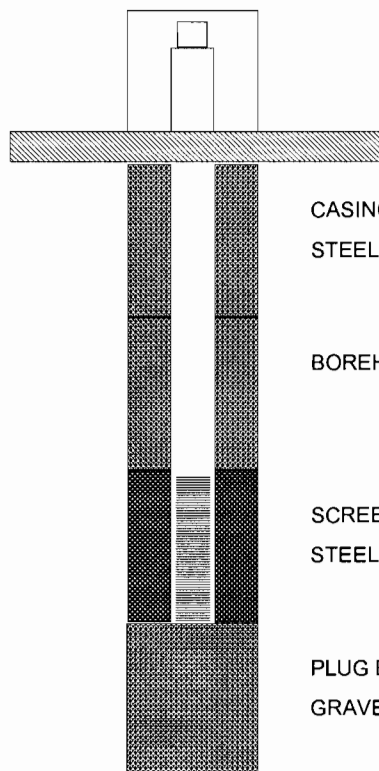
Concrete Pad:

Ground Surface: 5385



Completion Data Measured Depths (FBGS)

Casing Stickup:



| Interval | Start | Stop |
|------------------|--------|-------|
| Casing Steel | 0' | 1449' |
| | O.D. | 16" |
| Interval | Start | Stop |
| Borehole | 0' | 1475' |
| Interval | Start | Stop |
| Screen Steel | 620.5' | 1436' |
| Interval | Start | Stop |
| Plug Back Gravel | 1449' | 1475' |

Calculated Depths and Elevations

Initial Water Elevation: 4875
(FAMSL)

Initial Depth To Water: 510
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|------------------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | E OF FAIRGROUNDS OFF CENTRAL |
| ER ADS #: | NA | Well Completion Date: | 01-MAR-1974 |
| Well Name: | RIDGECREST 4 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-FEB-1974 | Well Comment: | |
| Drilling Contractor: | WATER INDUSTRIES | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1450 | | |
| Casing Depth: | | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 406944

(Y) Northing: 1484195

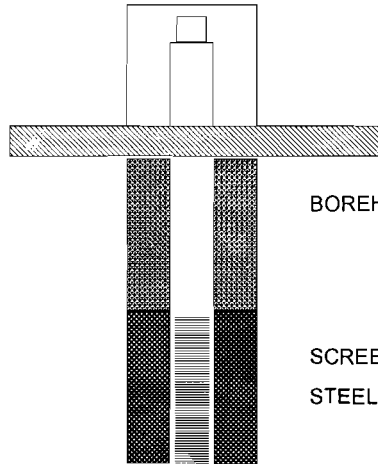
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface: 5344



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------|-------|-------|
| BOREHOLE | 0' | 1450' |
| | O.D. | 28" |
| Interval | Start | Stop |
| SCREEN | 573' | 1413' |
| STEEL | | |

Calculated Depths and Elevations

Initial Water Elevation: 4879
(FAMSL)

Initial Depth To Water: 465
(FBGS)

Last measured water level was FASL
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 408 SAN PABLO SE |
| ER ADS #: | NA | Well Completion Date: | 08-DEC-1990 |
| Well Name: | RIDGECREST 5 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 23-AUG-1990 | Well Comment: | |
| Drilling Contractor: | JOE T SALAZAR | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1550 | | |
| Casing Depth: | 1450 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 407700

(Y) Northing: 1481733

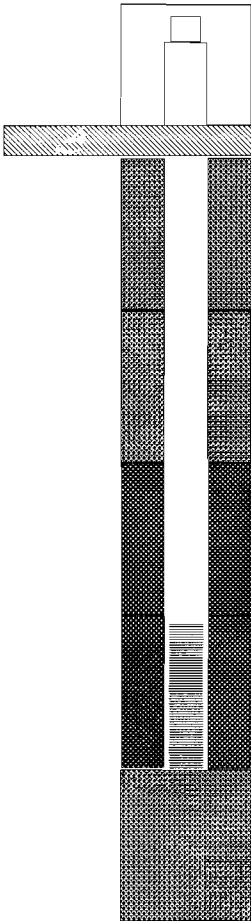
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:


Ground Surface: 5354



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|--------------|-------|--------------|
| CASING | 0' | 1450' |
| STEEL | | O.D. 20.625" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1550' |
| | | O.D. 34" |
| Interval | Start | Stop |
| PRIMARY PACK | 12' | 1550' |
| 6/16 GRAVEL | | |
| Interval | Start | Stop |
| SCREEN | 650' | 1450' |
| STEEL | | |
| Interval | Start | Stop |
| PLUG BACK | 1450' | 1550' |
| 6/16 GRAVEL | | |



Calculated Depths and Elevations

Initial Water Elevation: 4864
(FAMSL)

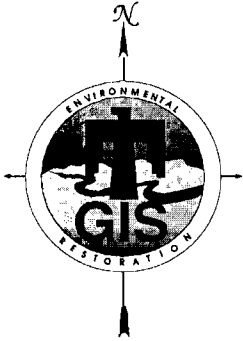
Initial Depth To Water: 490
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

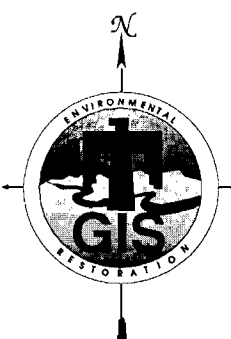
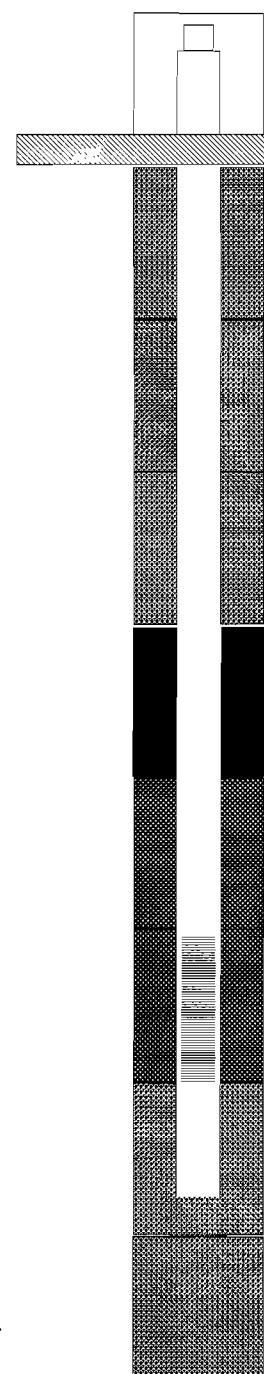
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 408 SAN PABLO SE |
| ER ADS #: | NA | Well Completion Date: | 08-DEC-1990 |
| Well Name: | RIDGECREST 5 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 23-AUG-1990 | Well Comment: | |
| Drilling Contractor: | JOE T SALAZAR | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1550 | | |
| Casing Depth: | 1450 | | |



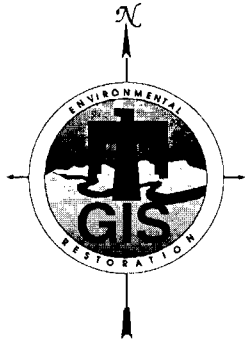
WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: KAFB RW06-01 | Geo Location: KAFB RIDING STABLES |
| ER ADS #: | Well Completion Date: 08-SEP-1999 |
| Well Name: RWO6-01 | Completion Zone: SILTY CLAY AND GRANITE |
| Well Owner Name: KAFB | Formation of Completion: SANTA FE |
| Date Drilling Started: 27-AUG-1999 | Well Comment: KAFB RIDING STABLES |
| Drilling Contractor: WATER DEVELOPMENT CORP. | |
| Drilling Method: ARCH; MUD ROTARY | |
| Borehole Depth: 640 | |
| Casing Depth: 561 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|-----------------|--------------|-------------|--|----------------|----|-----|--|--------------------|--|--|--|-----------------|--------------|-------------|--|--------|----|------|--|-----------------|--|------|----|-----------------|--------------|-------------|--|----------|----|------|--|--|--|------|------|-----------------|--------------|-------------|--|------|-----|------|--|----------------|--|--|--|-----------------|--------------|-------------|--|--------------|------|------|--|-----------------|--|--|--|-----------------|--------------|-------------|--|--------|------|------|--|-----------------|--|--|--|--|--|------------------|------|-----------------|--------------|-------------|--|------|------|------|--|-----------------|--------------|-------------|--|-----------|------|------|--|-----------------|--|--|--|-----------------|--------------|-------------|--|----------------|--|--|--|
| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date:</p> <p>Surveyed By:</p> <p>State Plane Coordinates</p> <p>(X) Easting:</p> <p>(Y) Northing:</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing:</p> <p>Top of Inner Well Casing:</p> <p>Concrete Pad:</p> <p>Ground Surface:</p> <div style="text-align: center; margin-top: 20px;">  </div> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Calculated Depths and Elevations</div> <p>Initial Water Elevation: (FAMSL)</p> <p>Initial Depth To Water: 526 (FBGS)</p> <p>Last measured water level was FASL measured on</p> <p>Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Interval</td> <td style="width: 20%;">Start</td> <td style="width: 20%;">Stop</td> <td style="width: 20%;"></td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>10'</td> <td></td> </tr> <tr> <td>CONCRETE/BENTONITE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>561'</td> <td></td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td>O.D.</td> <td>4"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>640'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D.</td> <td>8.5"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SEAL</td> <td>15'</td> <td>530'</td> <td></td> </tr> <tr> <td>BENTONITE SEAL</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PRIMARY PACK</td> <td>530'</td> <td>589'</td> <td></td> </tr> <tr> <td>#30 & 10-20 CSS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SCREEN</td> <td>535'</td> <td>560'</td> <td></td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size</td> <td>.01"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SUMP</td> <td>560'</td> <td>561'</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>PLUG BACK</td> <td>561'</td> <td>589'</td> <td></td> </tr> <tr> <td>#30 & 10-20 CSS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> <td></td> </tr> <tr> <td>SECONDARY PACK</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | GROUT/BACKFILL | 0' | 10' | | CONCRETE/BENTONITE | | | | Interval | Start | Stop | | CASING | 0' | 561' | | SCHEDULE 80 PVC | | O.D. | 4" | Interval | Start | Stop | | BOREHOLE | 0' | 640' | | | | O.D. | 8.5" | Interval | Start | Stop | | SEAL | 15' | 530' | | BENTONITE SEAL | | | | Interval | Start | Stop | | PRIMARY PACK | 530' | 589' | | #30 & 10-20 CSS | | | | Interval | Start | Stop | | SCREEN | 535' | 560' | | SCHEDULE 80 PVC | | | | | | Slot Size | .01" | Interval | Start | Stop | | SUMP | 560' | 561' | | Interval | Start | Stop | | PLUG BACK | 561' | 589' | | #30 & 10-20 CSS | | | | Interval | Start | Stop | | SECONDARY PACK | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 10' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONCRETE/BENTONITE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 561' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | O.D. | 4" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 640' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. | 8.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 15' | 530' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE SEAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 530' | 589' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #30 & 10-20 CSS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 535' | 560' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size | .01" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 560' | 561' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 561' | 589' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| #30 & 10-20 CSS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

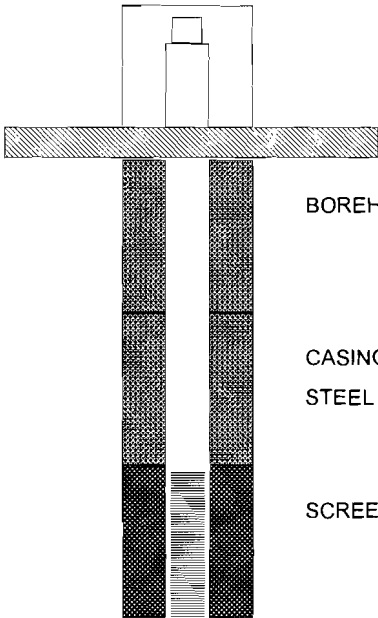
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------|---------------------------------|------------------------|
| Project Name: | KAFB RW06-01 | Geo Location: | KAFB RIDING STABLES |
| ER ADS #: | | Well Completion Date: | 08-SEP-1999 |
| Well Name: | RWO6-01 | Completion Zone: | SILTY CLAY AND GRANITE |
| Well Owner Name: | KAFB | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 27-AUG-1999 | Well Comment: | KAFB RIDING STABLES |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | ARCH; MUD ROTARY | | |
| Borehole Depth: | 640 | | |
| Casing Depth: | 561 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---------------------------------------|--|
| Project Name: OLD SCHOOL HOUSE | Geo Location: SW OF COYOTE SPRG OFF DEMOL RD |
| ER ADS #: 1334 | Well Completion Date: |
| Well Name: School House Well | Completion Zone: GRANITE |
| Well ID Name: SNL | Formation of Completion: PALEOZOIC SANDIA FORMATION |
| Date Drilling Started: | Well Comment: OPEN HOLE FROM 103 TO 107 FEET - WATER LEVEL MEASURED ON 12/17/90 |
| Drilling Contractor: | |
| Drilling Method: | |
| Borehole Depth: 109.6 | WELL IN VAULT-WL MEASUREMENT POINT IS PROTECTIVE CASING |
| Casing Depth: 109.6 | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|-----------------|--------------|-------------|----------|----|------|--|--|--|-----------------|--------------|-------------|--------|----|------|-------|---------|--|--|--|--|-----------------|--------------|-------------|--------|-----|------|
| <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Survey Data</div> <p>Survey Date: 01-JAN-1992</p> <p>Surveyed By:</p> <p style="text-align: center;">State Plane Coordinates</p> <p>(X) Easting: 431771.48</p> <p>(Y) Northing: 1451215.82</p> <div style="background-color: black; color: white; padding: 2px; margin-top: 10px;">Surveyed Elevations (FAMSL)</div> <p>Protective Casing: 5794.41</p> <p>Top of Inner Well Casing: 5793.66</p> <p>Concrete Pad: 5791.84</p> <p>Ground Surface: 5796.3</p> |  | <div style="background-color: black; color: white; padding: 2px; margin-bottom: 5px;">Completion Data Measured Depths (FBGS)</div> <p>Casing Stickup: 1.82</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>BOREHOLE</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">109'</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>CASING</td> <td style="text-align: right;">0'</td> <td style="text-align: right;">109'</td> </tr> <tr> <td>STEEL</td> <td style="text-align: right;">I.D. 6"</td> <td></td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td style="text-align: center;">Interval</td> <td style="text-align: center;">Start</td> <td style="text-align: center;">Stop</td> </tr> <tr> <td>SCREEN</td> <td style="text-align: right;">83'</td> <td style="text-align: right;">103'</td> </tr> </table> | Interval | Start | Stop | BOREHOLE | 0' | 109' | | | | Interval | Start | Stop | CASING | 0' | 109' | STEEL | I.D. 6" | | | | | Interval | Start | Stop | SCREEN | 83' | 103' |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 109' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 109' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STEEL | I.D. 6" | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 83' | 103' | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Calculated Depths and Elevations

| | |
|---|-------------------------------------|
| Initial Water Elevation: (FAMSL) | 5698.65 |
| Initial Depth To Water: (FBGS) | 95.76 |
| | |
| Last measured water level was asured on 23-SEP-1997 | FASL |
| | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 06-AUG-1992 |
| Well Name: | SFR-1D | Completion Zone: | GRAVELLY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 27-MAY-1992 | Well Comment: | SFR 1 IS A DUAL COMPLETION |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 378 | | |

Survey Data

Completion Data Measured Depths (FBGS)

Survey Date: 14-JAN-1993
Surveyed By: SNL

State Plane Coordinates

(X) Easting: 413524.06
(Y) Northing: 1436237.64

Surveyed Elevations (FAMSL)

Protective Casing: 5396.59
Top of Inner Well Casing: 5396.46
Concrete Pad: 5394.292
Ground Surface: 5394.2

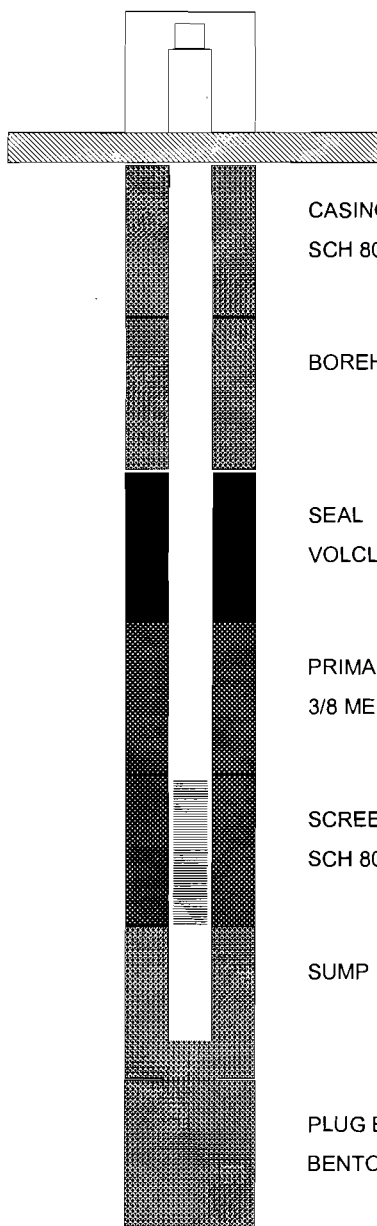


Calculated Depths and Elevations

Initial Water Elevation: 5254
(FAMSL)
Initial Depth To Water: 142.46
(FBGS)

Last measured water level was FASL
asured on 23-SEP-1997

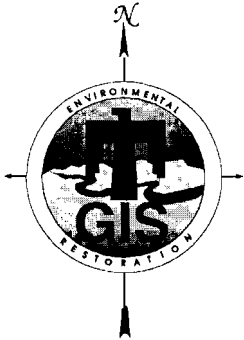
Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | 2.3 | | |
| Interval | Start | Stop | |
| CASING | 0' | 378' | |
| SCH 80 PVC | I.D. 3.82" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 510' | |
| | | O.D. 9" | |
| Interval | Start | Stop | |
| SEAL | 265' | 304' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 304' | 418' | |
| 3/8 MESH | | | |
| Interval | Start | Stop | |
| SCREEN | 348' | 368' | |
| SCH 80 PVC | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 368' | 378' | |
| Interval | Start | Stop | |
| PLUG BACK | 418' | 510' | |
| BENTONITE | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 06-AUG-1992 |
| Well Name: | SFR-1D | Completion Zone: | GRAVELLY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 27-MAY-1992 | Well Comment: | SFR 1 IS A DUAL COMPLETION |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 378 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 08-AUG-1992 |
| Well Name: | SFR-1S | Completion Zone: | SILTY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 27-MAY-1992 | Well Comment: | SFR 1 IS A DUAL COMPLETION |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 182 | | |

Survey Data

Survey Date: 14-JAN-1993
Surveyed By: SNL

State Plane Coordinates

(X) Easting: 413524.06
(Y) Northing: 1436237.64

Surveyed Elevations (FAMSL)

Protective Casing: 5396.59
Top of Inner Well Casing: 5396.49
Concrete Pad: 5394.292
Ground Surface: 5394.2



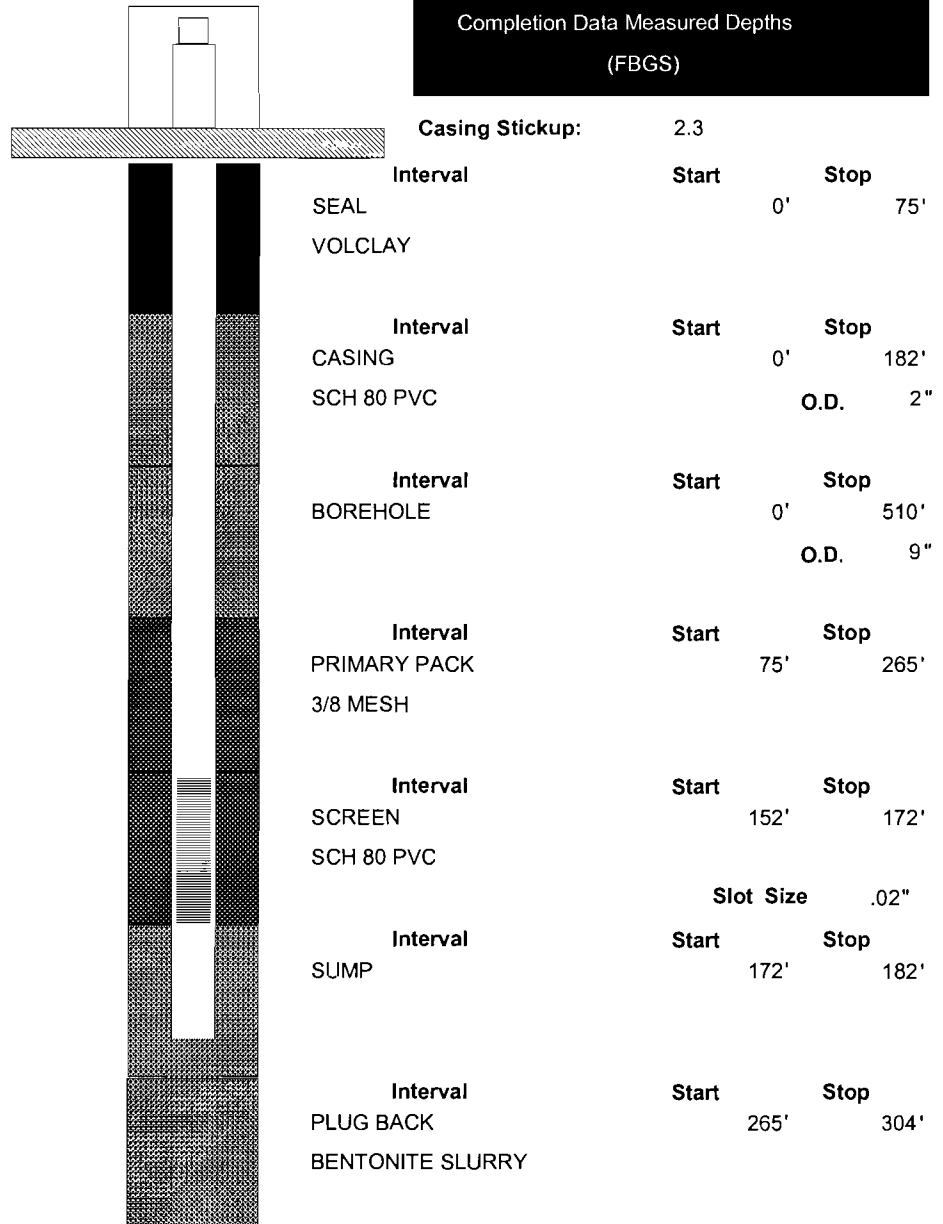
Calculated Depths and Elevations

Initial Water Elevation: 5304
(FAMSL)
Initial Depth To Water: 92.49
(FBGS)

Last measured water level was **FASL**
measured on 23-SEP-1997

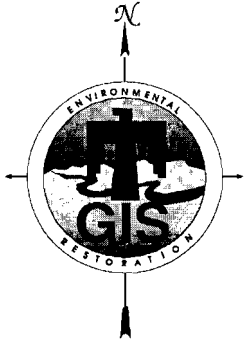
Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 08-AUG-1992 |
| Well Name: | SFR-1S | Completion Zone: | SILTY SAND |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 27-MAY-1992 | Well Comment: | SFR 1 IS A DUAL COMPLETION |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 182 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 20-AUG-1992 |
| Well Name: | SFR-2S | Completion Zone: | GRAVELLY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 08-JUL-1992 | Well Comment: | WL MEASURED |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 365 | | |
| Casing Depth: | 122 | | |

Survey Data

Survey Date: 14-JAN-1993
 Surveyed By: SNL

State Plane Coordinates

(X) Easting: 415280.4
 (Y) Northing: 1436176.4

Surveyed Elevations (FAMSL)

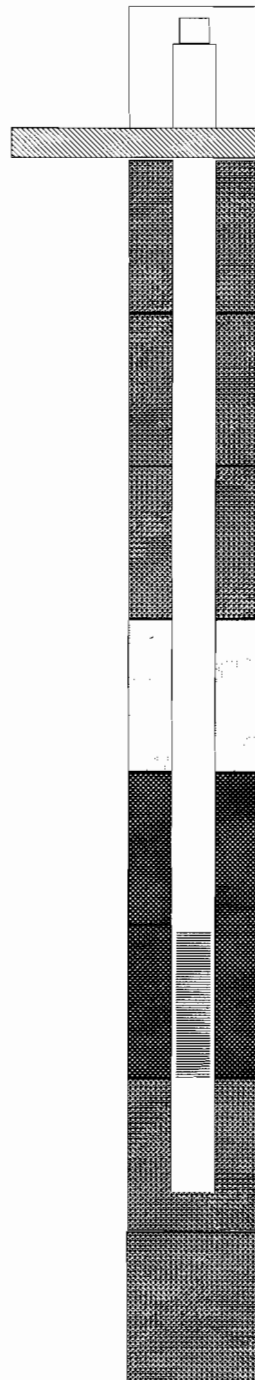
Protective Casing: 5430.26
 Top of Inner Well Casing: 5430.1
 Concrete Pad: 5427.84
 Ground Surface: 5427.64



Calculated Depths and Elevations

Initial Water Elevation: 5328.95
 (FAMSL)
 Initial Depth To Water: 101.15
 (FBGS)

Last measured water level was FASL
 asured on 23-SEP-1997



Completion Data Measured Depths (FBGS)

| | | | |
|----------------------|------------|-----------|--|
| Casing Stickup: | 2.46 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 74' | |
| VOLCLAY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 122' | |
| SCH 80 PVC | I.D. 3.82" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 365' | |
| | | O.D. 9" | |
| Interval | Start | Stop | |
| SECONDARY PACK | 74' | 77' | |
| 3/8 | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 77' | 162' | |
| 10/20 MESH | | | |
| Interval | Start | Stop | |
| SCREEN | 97' | 117' | |
| SCH 10,316 STAINLESS | | | |
| | Slot Size | .01" | |
| Interval | Start | Stop | |
| SUMP | 117' | 122' | |
| Interval | Start | Stop | |
| PLUG BACK | 162' | 365' | |
| 3/8 SAND/BENTONITE | | | |

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004


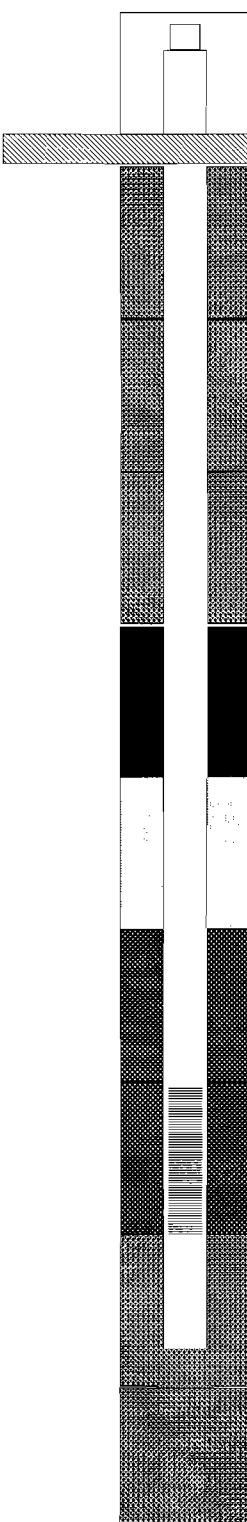
WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 20-AUG-1992 |
| Well Name: | SFR-2S | Completion Zone: | GRAVELLY SAND |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 08-JUL-1992 | Well Comment: | WL MEASURED |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC/DRY | | |
| Borehole Depth: | 365 | | |
| Casing Depth: | 122 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SWHC | Geo Location: SOUTH FENCE ROAD |
| ER ADS #: 1330 | Well Completion Date: 12-JUL-1993 |
| Well Name: SFR-3P | Completion Zone: SAND |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 28-JUN-1993 | Well Comment: BOREHOLE DRILLED TD 914', PLUGGED BACK WITH VOLCLAY 255-914', 10/20 SAND 217-255', BENTONITE PLUG 210-217' |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 914 | WL ON 1-19-94 |
| Casing Depth: 205 | |

| Survey Data | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|----------------------------|--|-----------------|------------------------|----------------|----------------|---------|--|-----------------|------------------------|--------|--------------|-----|------------------------------------|-----------------|------------------------|----------|--------------|--|----------------|-----------------|------------------------|------|------------------|-------------------|--|-----------------|------------------------|----------------|----------------|-------|--|-----------------|------------------------|--------------|----------------|-------|--|-----------------|------------------------|--------|----------------|---------------------|--|--|------------------------|-----------------|------------------------|------|----------------|-----------------|------------------------|-----------|----------------|---------|--|
| Survey Date: 24-SEP-1993 Surveyed By: SNL State Plane Coordinates (X) Easting: 418514.801 (Y) Northing: 1436174.507 <div style="background-color: black; color: white; padding: 5px; text-align: center;">Surveyed Elevations (FAMSL)</div> Protective Casing: 5497.401 Top of Inner Well Casing: 5496.956 Concrete Pad: 5494.31 Ground Surface: 5494.47 <div style="text-align: center;">  </div> <div style="background-color: black; color: white; padding: 5px; text-align: center;">Calculated Depths and Elevations</div> Initial Water Elevation: 5332.95 (FAMSL) Initial Depth To Water: 164.01 (FBGS) Last measured water level was FASL asured on 23-SEP-1997 Date Updated: 14-MAR-00 Date Printed: 12-JAN-2004 | <div style="text-align: center;">  </div> <table style="width: 100%;"> <tr> <td>Casing Stickup: 2.5</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0' 133.5'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>CASING</td> <td>0' 205'</td> </tr> <tr> <td>PVC</td> <td>I.D. 3.82" O.D. 4.5"</td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0' 520'</td> </tr> <tr> <td></td> <td>O.D. 8"</td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>SEAL</td> <td>133.5' 144'</td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>SECONDARY PACK</td> <td>144' 150'</td> </tr> <tr> <td>16/40</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>150' 210'</td> </tr> <tr> <td>10/20</td> <td></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>SCREEN</td> <td>175' 195'</td> </tr> <tr> <td>304 STAINLESS STEEL</td> <td></td> </tr> <tr> <td></td> <td>Slot Size .020"</td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>SUMP</td> <td>195' 205'</td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>255' 914'</td> </tr> <tr> <td>VOLCLAY</td> <td></td> </tr> </table> | Casing Stickup: 2.5 | | Interval | Start Stop | GROUT/BACKFILL | 0' 133.5' | VOLCLAY | | Interval | Start Stop | CASING | 0' 205' | PVC | I.D. 3.82" O.D. 4.5" | Interval | Start Stop | BOREHOLE | 0' 520' | | O.D. 8" | Interval | Start Stop | SEAL | 133.5' 144' | BENTONITE PELLETS | | Interval | Start Stop | SECONDARY PACK | 144' 150' | 16/40 | | Interval | Start Stop | PRIMARY PACK | 150' 210' | 10/20 | | Interval | Start Stop | SCREEN | 175' 195' | 304 STAINLESS STEEL | | | Slot Size .020" | Interval | Start Stop | SUMP | 195' 205' | Interval | Start Stop | PLUG BACK | 255' 914' | VOLCLAY | |
| Casing Stickup: 2.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' 133.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' 205' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PVC | I.D. 3.82" O.D. 4.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' 520' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | O.D. 8" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 133.5' 144' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 144' 150' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16/40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 150' 210' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 175' 195' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 304 STAINLESS STEEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size .020" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 195' 205' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 255' 914' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 12-JUL-1993 |
| Well Name: | SFR-3P | Completion Zone: | SAND |
| Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-JUN-1993 | Well Comment: | BOREHOLE DRILLED TD 914', PLUGGED BACK WITH VOLCLAY 255-914', 10/20 SAND 217-255', BENTONITE PLUG 210-217' |
| Drilling Contractor: | USGS | | WL ON 1-19-94 |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 914 | | |
| Casing Depth: | 205 | | |



| Interval | Start | Stop |
|----------|-------|------|
| BOREHOLE | 520' | 914' |
| | O.D. | 6" |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|----------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 05-NOV-1992 |
| Well Name: | SFR-3D | Completion Zone: | SILTY CLAY WITH SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | SONIC | | |
| Borehole Depth: | 408 | | |
| Casing Depth: | 361.5 | | |

Survey Data

Survey Date: 14-JAN-1993
Surveyed By: SNL

State Plane Coordinates

(X) Easting: 418472.52
(Y) Northing: 1436169.84

Surveyed Elevations (FAMSL)

Protective Casing: 5495.91
Top of Inner Well Casing: 5495.27
Concrete Pad: 5493.56
Ground Surface: 5493.41



Calculated Depths and Elevations

Initial Water Elevation: 5331.44
(FAMSL)

Initial Depth To Water: 163.83
(FBGS)

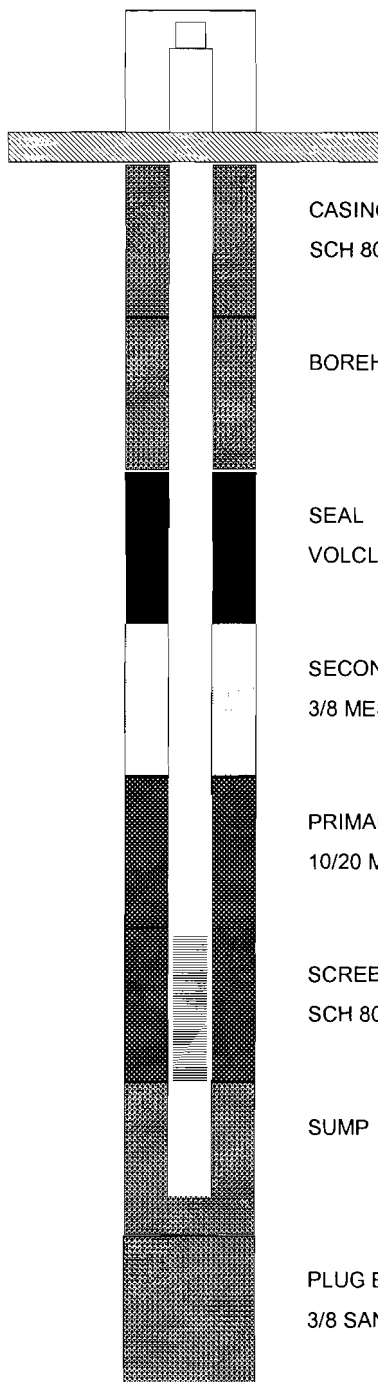
Last measured water level was 5333.12 **FASL**
asured on 07-AUG-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 2.1

| Interval | Start | Stop |
|----------------|------------------|---------|
| CASING | 0' | 361.5' |
| SCH 80 PVC | | O.D. 2" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 408' |
| | | O.D. 5" |
| Interval | Start | Stop |
| SEAL | 230' | 277' |
| VOLCLAY | | |
| Interval | Start | Stop |
| SECONDARY PACK | 277' | 290.5' |
| 3/8 MESH | | |
| Interval | Start | Stop |
| PRIMARY PACK | 290.5' | 408' |
| 10/20 MESH | | |
| Interval | Start | Stop |
| SCREEN | 311.5' | 351.5' |
| SCH 80 PVC | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 351.5' | 361.5' |
| Interval | Start | Stop |
| PLUG BACK | 361.5' | 408' |
| 3/8 SAND | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|----------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 05-NOV-1992 |
| Well Name: | SFR-3D | Completion Zone: | SILTY CLAY WITH SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1992 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | SONIC | | |
| Borehole Depth: | 408 | | |
| Casing Depth: | 361.5 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|------------------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 10-NOV-1992 |
| Well Name: | SFR-3S | Completion Zone: | SANDY CLAY |
| Core Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1992 | Well Comment: | SFR 3S AND 3D ARE DUAL COMPLETIONS |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC | | |
| Borehole Depth: | 230 | | |
| Casing Depth: | 222 | | |

Survey Data

Survey Date: 14-JAN-1993
Surveyed By: SNL

State Plane Coordinates

| | |
|---------------|------------|
| (X) Easting: | 418472.52 |
| (Y) Northing: | 1436169.84 |

Surveyed Elevations (FAMSL)

| | |
|---------------------------|---------|
| Protective Casing: | 5495.91 |
| Top of Inner Well Casing: | 5495.57 |
| Concrete Pad: | 5493.56 |
| Ground Surface: | 5493.41 |



Calculated Depths and Elevations

| | |
|-------------------------------------|---------|
| Initial Water Elevation: (FAMSL) | 5331.46 |
| Initial Depth To Water: (FBGS) | 164.11 |

| | | |
|-------------------------------|-------------|------|
| Last measured water level was | 5333.92 | FASL |
| asured on | 07-AUG-1996 | |

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths
(FBGS)

Casing Stickup: 2.1

| Interval | Start | Stop |
|----------|-------|------|
| SEAL | 0' | 155' |
| VOLCLAY | | |

| Interval | Start | Stop |
|------------|-------|---------|
| CASING | 0' | 222' |
| SCH 80 PVC | | O.D. 2" |

| Interval | Start | Stop |
|----------|-------|------|
| BOREHOLE | 0' | 230' |
| | O.D. | 5" |

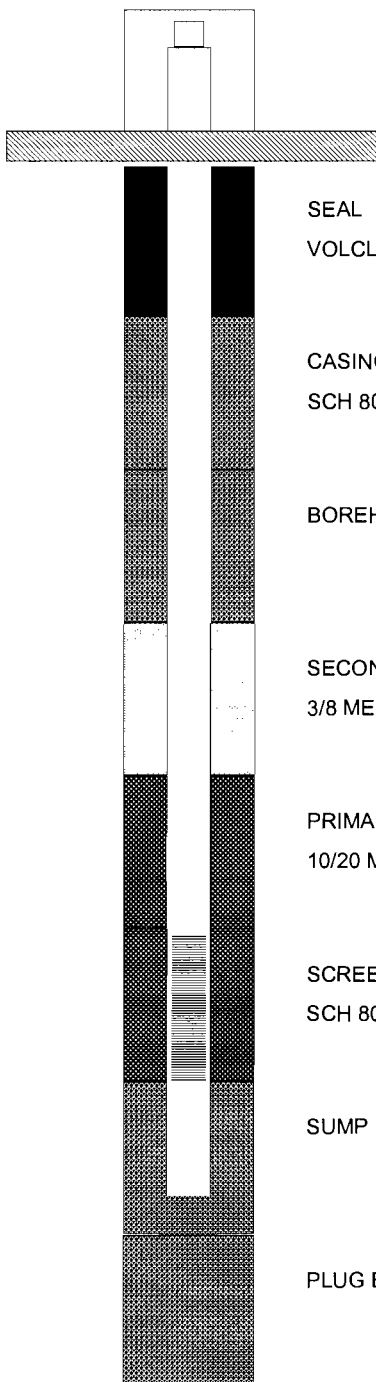
| Interval | Start | Stop |
|----------------|-------|------|
| SECONDARY PACK | 155' | 160' |
| 3/8 MESH | | |

| Interval | Start | Stop |
|--------------|-------|------|
| PRIMARY PACK | 160' | 225' |
| 10/20 MESH | | |

| Interval | Start | Stop |
|------------|-----------|------|
| SCREEN | 182' | 212' |
| SCH 80 PVC | Slot Size | .01" |

| Interval | Start | Stop |
|----------|-------|------|
| SUMP | 212' | 222' |

| Interval | Start | Stop |
|-----------|-------|------|
| PLUG BACK | 230' | 408' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|------------------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 10-NOV-1992 |
| Well Name: | SFR-3S | Completion Zone: | SANDY CLAY |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-1992 | Well Comment: | SFR 3S AND 3D ARE DUAL COMPLETIONS |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC | | |
| Borehole Depth: | 230 | | |
| Casing Depth: | 222 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SWHC | Geo Location: SOUTH FENCE ROAD |
| ER ADS #: 1330 | Well Completion Date: 23-SEP-1993 |
| Well Name: SFR-3T | Completion Zone: SANDSTONE |
| Driller Name: SNL | Formation of Completion: LOWER TERTIARY |
| Date Drilling Started: 01-AUG-1993 | Well Comment: BOREHOLE DRILLED TO TD OF 1154' - PLUGGED BACK WITH VOLCLAY FROM 760-1154' |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1154 | |
| Casing Depth: 753 | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 418500.658

(Y) Northing: 1436211.726

Surveyed Elevations (FAMSL)

Protective Casing: 5496.41

Top of Inner Well Casing: 5495.989

Concrete Pad: 5494.37

Ground Surface: 5494.21



Calculated Depths and Elevations

Initial Water Elevation: 5398.339
(FAMSL)

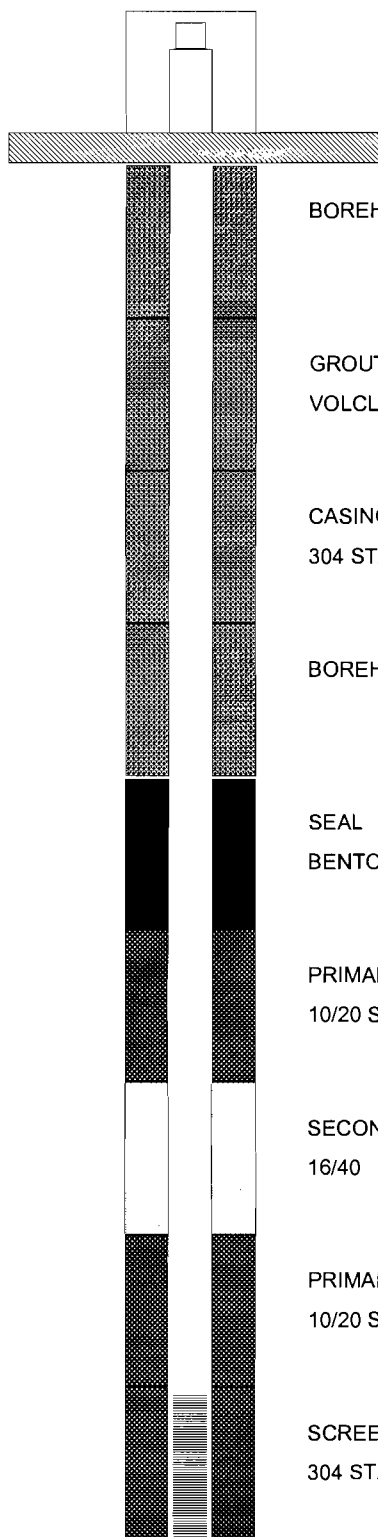
Initial Depth To Water: 91.9
(FBGS)

Last measured water level was **FASL**
asured on 23-SEP-1997

Date Updated: 14-MAR-00

Date Printed: 12-JAN-2004

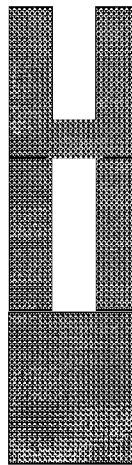
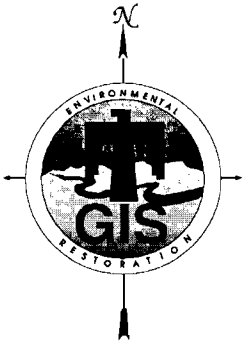
Completion Data Measured Depths (FBGS)



| | | |
|------------------------|---------------------|-------------------------------------|
| Casing Stickup: | | 1.78 |
| Interval | Start | Stop |
| | BOREHOLE | 0' 585' |
| | | O.D. 10" |
| Interval | Start | Stop |
| | GROUT/BACKFILL | 0' 649' |
| | | VOLCLAY |
| Interval | Start | Stop |
| | CASING | 0' 753' |
| | 304 STAINLESS STEEL | I.D. 5.43" O.D. 5.56" |
| Interval | Start | Stop |
| | BOREHOLE | 585' 740' |
| | | O.D. 8" |
| Interval | Start | Stop |
| | SEAL | 649' 651' |
| | | BENTONITE PELLETS |
| Interval | Start | Stop |
| | PRIMARY PACK | 651' 654' |
| | | 10/20 SAND |
| Interval | Start | Stop |
| | SECONDARY PACK | 654' 655' |
| | | 16/40 |
| Interval | Start | Stop |
| | PRIMARY PACK | 655' 760' |
| | | 10/20 SAND |
| Interval | Start | Stop |
| | SCREEN | 713' 733' |
| | | 304 STAINLESS STEEL |
| | Slot Size | .020" |

WELL DATABASE SUMMARY SHEET


| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 23-SEP-1993 |
| Well Name: | SFR-3T | Completion Zone: | SANDSTONE |
| Operator Name: | SNL | Formation of Completion: | LOWER TERTIARY |
| Date Drilling Started: | 01-AUG-1993 | Well Comment: | BOREHOLE DRILLED TO TD OF 1154' - PLUGGED BACK WITH VOLCLAY FROM 760-1154' |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1154 | | |
| Casing Depth: | 753 | | |

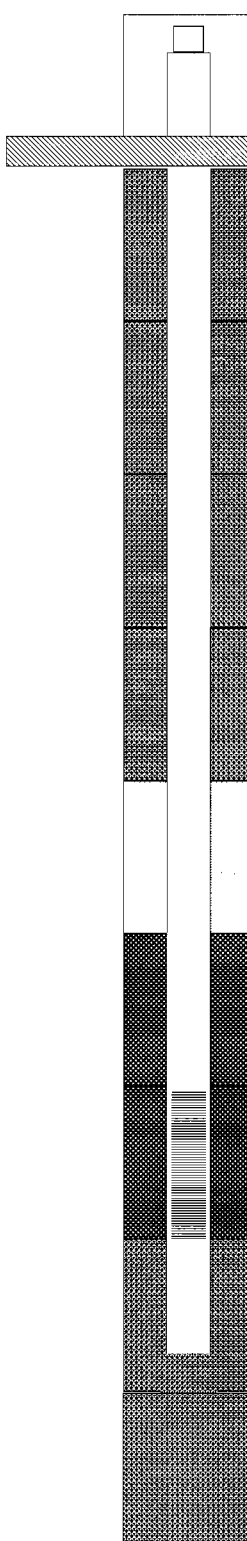


| Interval | Start | Stop |
|-----------|-------|-------|
| SUMP | 733' | 753' |
| Interval | Start | Stop |
| BOREHOLE | 740' | 1151' |
| | O.D. | 7" |
| Interval | Start | Stop |
| PLUG BACK | 760' | 1154' |
| VOLCLAY | | |

WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: SWHC | Geo Location: SOUTH FENCE ROAD |
| ER ADS #: 1330 | Well Completion Date: 29-JUL-1993 |
| Well Name: SFR-4P | Completion Zone: SILTSTONE/SANDSTONE |
| Driller Name: SNL | Formation of Completion: UNIT OF ISLETA #2 |
| Date Drilling Started: 15-JUL-1993 | Well Comment: TOP OF BEDROCK AT 38 FEET |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 510 | WATER LEVEL 1/19/93 |
| Casing Depth: 364 | |

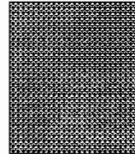
| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|--|
| Survey Date: | | | | | |
| Surveyed By: | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 420607.534 | | | | | |
| (Y) Northing: 1436161.223 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: 5571.183 | | | | | |
| Top of Inner Well Casing: 5570.664 | | | | | |
| Concrete Pad: 5568.56 | | | | | |
| Ground Surface: 5568.56 | | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 5355.86 (FAMSL) | | | | | |
| Initial Depth To Water: 214.8 (FBGS) | | | | | |
| Last measured water level was 5402.1 FASL | | | | | |
| Measured on 07-AUG-1996 | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | |



| | |
|--------------------------|--------------------------------------|
| Casing Stickup: 2 | |
| Interval | Start Stop |
| BOREHOLE | 0' 40' |
| | O.D. 10" |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 319' |
| VOLCLAY | |
| Interval | Start Stop |
| CASING | 0' 364' |
| SCH 80 PVC | I.D. 1.94" O.D. 2.375" |
| Interval | Start Stop |
| BOREHOLE | 40' 510' |
| | O.D. 6" |
| Interval | Start Stop |
| SECONDARY PACK | 319' 322' |
| 16/40 | |
| Interval | Start Stop |
| PRIMARY PACK | 322' 371.5' |
| 10/20 | |
| Interval | Start Stop |
| SCREEN | 344' 354' |
| SCH 80 PVC | |
| | Slot Size .020" |
| Interval | Start Stop |
| SUMP | 354' 364' |
| Interval | Start Stop |
| PLUG BACK | 371.5' 397' |
| BENTONITE | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|---------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 29-JUL-1993 |
| Well Name: | SFR-4P | Completion Zone: | SILTSTONE/SANDSTONE |
| Operator Name: | SNL | Formation of Completion: | UNIT OF ISLETA #2 |
| Date Drilling Started: | 15-JUL-1993 | Well Comment: | TOP OF BEDROCK AT 38 FEET |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 510 | | WATER LEVEL 1/19/93 |
| Casing Depth: | 364 | | |



| Interval | Start | Stop |
|-----------|-------|------|
| PLUG BACK | 397' | 510' |
| VOLCLAY | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 30-SEP-1993 |
| Well Name: | SFR-4T | Completion Zone: | SILTY SANDSTONE |
| Driller Name: | SNL | Formation of Completion: | UNIT OF ISLETA #2 |
| Date Drilling Started: | 23-SEP-1993 | Well Comment: | WATER LEVEL MEASURED 10-15-93 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 377 | | |
| Casing Depth: | 380 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 420615.075

(Y) Northing: 1436197.205

Surveyed Elevations (FAMSL)

Protective Casing: 5571.6

Top of Inner Well Casing: 5571.284

Concrete Pad: 5569.531

Ground Surface: 5569.7



Calculated Depths and Elevations

Initial Water Elevation: 5277.78
(FAMSL)

Initial Depth To Water: 293.5
(FBGS)

Last measured water level was **FASL**
asured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 1.6

| | | |
|-----------------|--------------|-----------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 40' |
| | | O.D. 12" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 0' | 297' |
| BENTONITE | | |

| | | |
|-----------------|-------------------|-------------------|
| Interval | Start | Stop |
| CASING | 0' | 377' |
| SCH 80 PVC/SS | I.D. 4.81" | O.D. 5.56" |

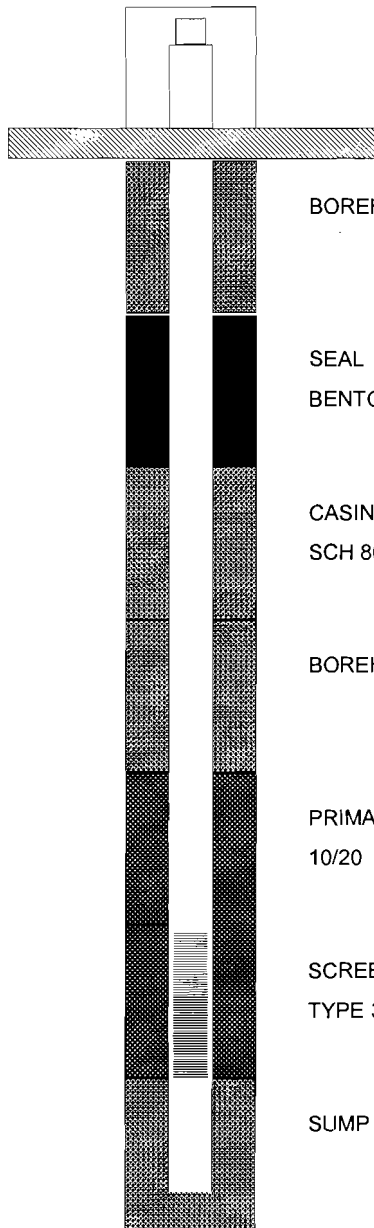
| | | |
|-----------------|--------------|-----------------|
| Interval | Start | Stop |
| BOREHOLE | 40' | 377' |
| | | O.D. 10" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 297' | 380' |
| 10/20 | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 340' | 360' |
| TYPE 304 SS | | |

Slot Size .195"

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SUMP | 360' | 380' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|-------------------------------|
| Project Name: | SWHC | Geo Location: | SOUTH FENCE ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 30-SEP-1993 |
| Well Name: | SFR-4T | Completion Zone: | SILTY SANDSTONE |
| Driller Name: | SNL | Formation of Completion: | UNIT OF ISLETA #2 |
| Date Drilling Started: | 23-SEP-1993 | Well Comment: | WATER LEVEL MEASURED 10-15-93 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 377 | | |
| Casing Depth: | 380 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | SWHC | Geo Location: | WEST OF SOLAR TOWER |
| ER ADS #: | 1330 | Well Completion Date: | 18-JUN-1995 |
| Well Name: | STW-1 | Completion Zone: | CONGLOMERATE |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-JUN-1995 | Well Comment: | PLUGGED AND ABANDONED. LOST CIRCULATION 157 - 180'. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 180 | | |
| Casing Depth: | 179.8 | | |

Survey Data

Survey Date: 06-SEP-1995
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 420001.5
(Y) Northing: 1443063.354

Surveyed Elevations (FAMSL)

Protective Casing: 5533.42
Top of Inner Well Casing: 5532.86
Concrete Pad: 5530.83
Ground Surface: 5530.551



Calculated Depths and Elevations

Initial Water Elevation: 5377.06
(FAMSL)
Initial Depth To Water: 155.8
(FBGS)

Last measured water level was **FASL**
asured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

2

| Interval | Start | Stop |
|----------------|-------|-------|
| GROUT/BACKFILL | 0' | 99.5' |
| VOLCLAY | | |

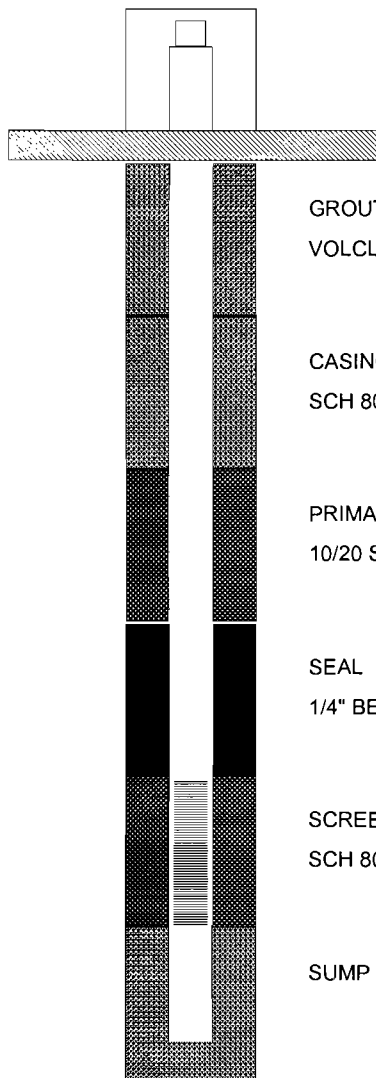
| Interval | Start | Stop |
|-----------------|------------|------------|
| CASING | 0' | 179.8' |
| SCH 80 4.5" PVC | I.D. 4.25" | O.D. 4.75" |

| Interval | Start | Stop |
|--------------|-------|------|
| PRIMARY PACK | 99.5' | 180' |
| 10/20 SILICA | | |

| Interval | Start | Stop |
|-------------------|--------|------|
| SEAL | 100.5' | 119' |
| 1/4" BENT PELLETS | | |

| Interval | Start | Stop |
|-----------------|--------|--------|
| SCREEN | 149.8' | 169.8' |
| SCH 80 4.5" PVC | | |

| Interval | Start | Stop |
|----------|--------|--------|
| SUMP | 169.8' | 179.8' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | SWHC | Geo Location: | WEST OF SOLAR TOWER |
| ER ADS #: | 1330 | Well Completion Date: | 18-JUN-1995 |
| Well Name: | STW-1 | Completion Zone: | CONGLOMERATE |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-JUN-1995 | Well Comment: | PLUGGED AND ABANDONED. LOST CIRCULATION 157 - 180'. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 180 | | |
| Casing Depth: | 179.8 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | TECHNICAL AREA III | Geo Location: | SOUTHWEST CORNER TA-III |
| ER ADS #: | 1306 | Well Completion Date: | 06-SEP-1989 |
| Well Name: | SWTA-3 | Completion Zone: | CLAYEY SILT / SANDY GRAVEL |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | 5 INCH BOREHOLE DRILLED TO 467'. CEMENTED TO 347' AND REDRILLED TO 12.25" DIAMETER TO 432'. WATER MEAS. ON 8/16/90. |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 467 | | PLUGGED AND ABANDONED APRIL 98 |
| Casing Depth: | 432.2 | | |

Survey Data

Completion Data Measured Depths (FBGS)

Survey Date: 01-JAN-1990

Surveyed By:

State Plane Coordinates

(X) Easting: 407372.633

(Y) Northing: 1444907.322

Surveyed Elevations (FAMSL)

Protective Casing: 5320.94

Top of Inner Well Casing: 5320.57

Concrete Pad: 5319.35

Ground Surface: 5318.93



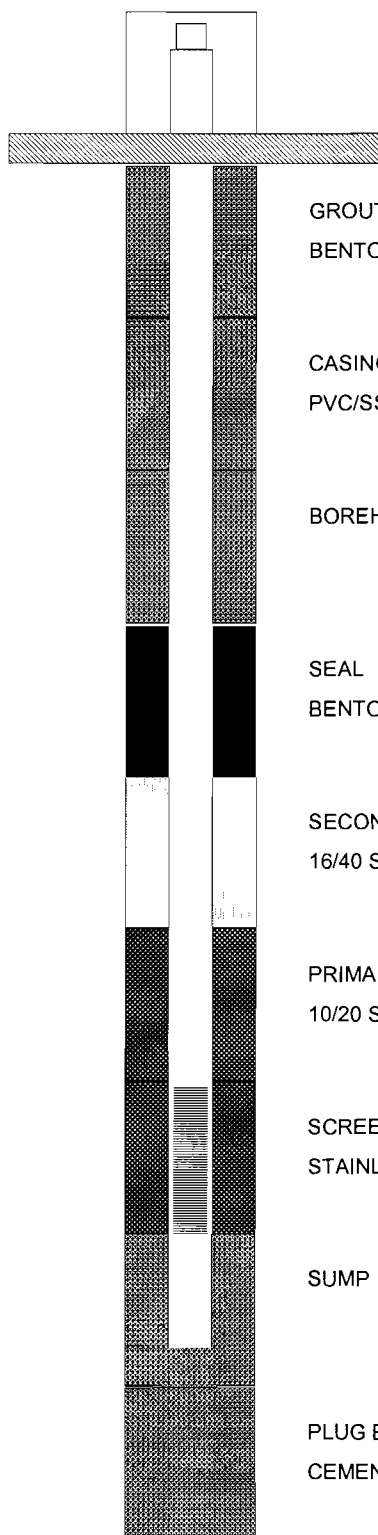
Calculated Depths and Elevations

Initial Water Elevation: 4900.52
(FAMSL)

Initial Depth To Water: 420.05
(FBGS)

Last measured water level was FASL
measured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



| | | | |
|------------------------|--------------|------------------|--------------------|
| Casing Stickup: | 1.22 | | |
| Interval | Start | | Stop |
| GROUT/BACKFILL | | 0' | 384' |
| BENTONITE | | | |
| Interval | Start | | Stop |
| CASING | | 0' | 407' |
| PVC/SS(20') | I.D. | 4.8" | O.D. 5.5" |
| Interval | Start | | Stop |
| BOREHOLE | | 0' | 467' |
| | | | O.D. 12.25" |
| Interval | Start | | Stop |
| SEAL | | 385' | 395' |
| BENTONITE | | | |
| Interval | Start | | Stop |
| SECONDARY PACK | | 393' | 395' |
| 16/40 SILICA SAND | | | |
| Interval | Start | | Stop |
| PRIMARY PACK | | 395' | 432.2' |
| 10/20 SILICA SAND | | | |
| Interval | Start | | Stop |
| SCREEN | | 407.2' | 427.2' |
| STAINLESS STEEL | | | |
| | | Slot Size | .01" |
| Interval | Start | | Stop |
| SUMP | | 427.2' | 432.2' |
| Interval | Start | | Stop |
| PLUG BACK | | 432' | 467' |
| CEMENT | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | TECHNICAL AREA III | Geo Location: | SOUTHWEST CORNER TA-III |
| ER ADS #: | 1306 | Well Completion Date: | 06-SEP-1989 |
| Well Name: | SWTA-3 | Completion Zone: | CLAYEY SILT / SANDY GRAVEL |
| Operator Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | | Well Comment: | 5 INCH BOREHOLE DRILLED TO 467'. CEMENTED TO 347' AND REDRILLED TO 12.25" DIAMETER TO 432'. WATER MEAS. ON 8/16/90. |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 467 | | PLUGGED AND ABANDONED APRIL 98 |
| Casing Depth: | 432.2 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | SITE WIDE | Geo Location: | SW CORNER OF TAIL |
| ER ADS #: | N/A | Well Completion Date: | 07-MAY-2002 |
| Well Name: | SWTA3-MW2 | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 26-APR-2002 | Well Comment: | 0-5' CEMENT. ALSO INSTALLED 1" SOUNDING TUBE TO 475' (SECOND 455-475'). |
| Drilling Contractor: | WDC | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 485 | | |
| Casing Depth: | 480 | | |

Survey Data

Survey Date: 12-AUG-2002
Surveyed By: VLADIMIR JIRIK

State Plane Coordinates

(X) Easting: 407487.74
(Y) Northing: 1447230.54

Surveyed Elevations (FAMSL)

Protective Casing: 5323.24
Top of Inner Well Casing: 5322.95
Concrete Pad: 5320.77
Ground Surface: 5320.51



Calculated Depths and Elevations

Initial Water Elevation: 4881.16
(FAMSL)
Initial Depth To Water: 440
(FBGS)

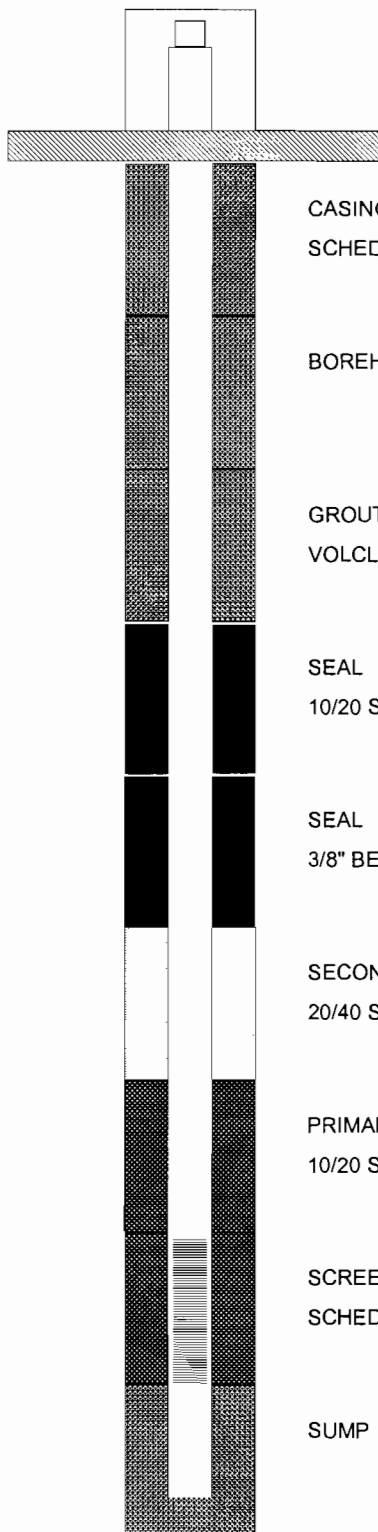
Last measured water level was **FASL**
asured on

Date Updated: 25-NOV-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

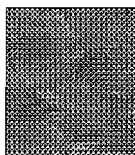
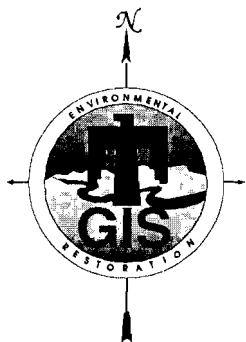
Casing Stickup: 2.8

| Interval | Start | Stop |
|-------------------------------------|-----------|-----------|
| CASING | 0' | 480' |
| SCHEDULE 80 PVC | I.D. 4.8" | O.D. 5.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 485' |
| | | O.D. 10" |
| Interval | Start | Stop |
| GROUT/BACKFILL VOLCLAY GROUT | 5' | 433' |
| Interval | Start | Stop |
| SEAL 10/20 SILICA SAND | 433' | 434' |
| Interval | Start | Stop |
| SEAL 3/8" BENTONITE CHIPS | 434' | 441' |
| Interval | Start | Stop |
| SECONDARY PACK 20/40 SILICA SAND | 441' | 448' |
| Interval | Start | Stop |
| PRIMARY PACK 10/20 SILICA SAND | 448' | 481' |
| Interval | Start | Stop |
| SCREEN SCHEDULE 80 PVC | 455' | 475' |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 475' | 480' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | SITE WIDE | Geo Location: | SW CORNER OF TAIL |
| ER ADS #: | N/A | Well Completion Date: | 07-MAY-2002 |
| Well Name: | SWTA3-MW2 | Completion Zone: | SAND |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE FORMATION |
| Date Drilling Started: | 26-APR-2002 | Well Comment: | 0-5' CEMENT. ALSO INSTALLED 1" SOUNDING TUBE TO 475' (SECOND 455-475'). |
| Drilling Contractor: | WDC | | |
| Drilling Method: | AIR ROTARY CASING HAMMER | | |
| Borehole Depth: | 485 | | |
| Casing Depth: | 480 | | |



| Interval | Start | Stop |
|------------------|-------|------|
| PLUG BACK | 481' | 485' |
| NATURAL BACKFILL | | |

WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: TECHNICAL AREA II | Geo Location: NW CORNER TA-II |
| ER ADS #: 1303 | Well Completion Date: 01-APR-1993 |
| Well Name: TA2-NW1-325 | Completion Zone: SAND |
| Operator Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 25-MAR-1993 | Well Comment: WATER LEVEL MEASURED ON 07-OCT-93 |
| Drilling Contractor: | |
| Drilling Method: AIR ROTARY/DRIVE CASING | |
| Borehole Depth: 330.9 | |
| Casing Depth: 330.3 | |

Survey Data

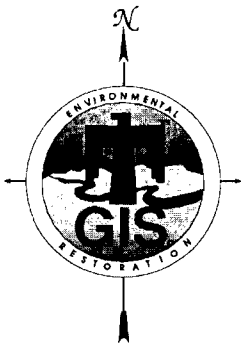
Survey Date: 09-NOV-1993
Surveyed By: GREINER

State Plane Coordinates

(X) Easting: 412839.455
(Y) Northing: 1470779.575

Surveyed Elevations (FAMSL)

Protective Casing: 5419.825
Top of Inner Well Casing: 5419.27
Concrete Pad: 5417.308
Ground Surface: 5417.308



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)
Initial Depth To Water: 5110.772
(FBGS)

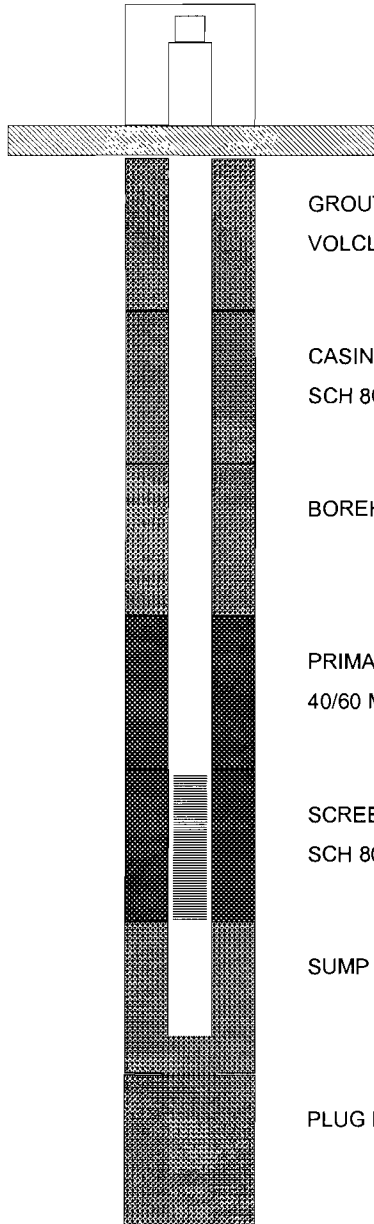
Last measured water level was **FASL**
measured on 13-SEP-1995

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

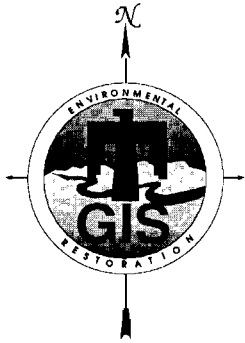
Casing Stickup:

| Interval | Start | Stop |
|-------------------|-------------|-------------|
| GROUT/BACKFILL | 0' | 283' |
| VOLCLAY | | |
| Interval | Start | Stop |
| CASING | 0' | 330.3' |
| SCH 80 PVC | I.D. 4.768" | O.D. 5.563" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 330.9' |
| | | O.D. 11" |
| Interval | Start | Stop |
| PRIMARY PACK | 283' | 330.9' |
| 40/60 MESH SILICA | | |
| Interval | Start | Stop |
| SCREEN | 295' | 325' |
| SCH 80 PVC | | |
| | Slot Size | .01" |
| Interval | Start | Stop |
| SUMP | 325' | 330.3' |
| Interval | Start | Stop |
| PLUG BACK | 330.3' | 330.9' |



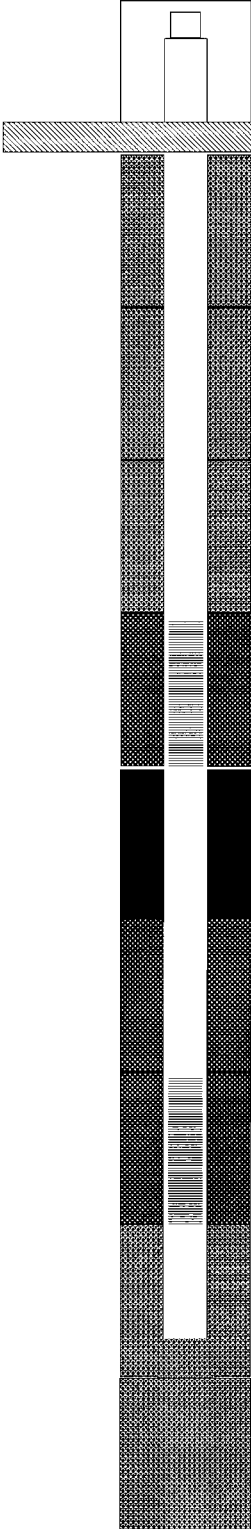
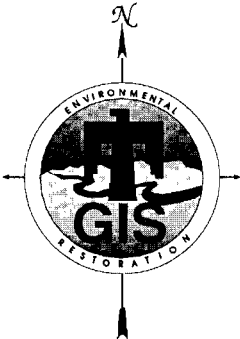
WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------------|--------------------------|-----------------------------------|
| Project Name: | TECHNICAL AREA II | Geo Location: | NW CORNER TA-II |
| ER ADS #: | 1303 | Well Completion Date: | 01-APR-1993 |
| Well Name: | TA2-NW1-325 | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 25-MAR-1993 | Well Comment: | WATER LEVEL MEASURED ON 07-OCT-93 |
| Drilling Contractor: | | | |
| Drilling Method: | AIR ROTARY/DRIVE CASING | | |
| Borehole Depth: | 330.9 | | |
| Casing Depth: | 330.3 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: TECHNICAL AREA II | Geo Location: NW CORNER TA-II |
| ER ADS #: 1303 | Well Completion Date: 27-JUL-1993 |
| Well Name: TA2-NW1-595 | Completion Zone: SAND |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 08-JUL-1993 | Well Comment: WATER LEVEL MEASURED ON 07-OCT-93 |
| Drilling Contractor: | |
| Drilling Method: AIR ROTARY/CABLE TOOL/SONIC | |
| Borehole Depth: 650 | |
| Casing Depth: 598 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | |
|--|---|---|--|--------------------------------|--|-------------|--|------|------------------------------|-------------|--------------------------------|----------------------------------|
| Survey Date: 09-NOV-1993 |  | | | | | | | | | | | |
| Surveyed By: GREINER | | | | | | | | | | | | |
| State Plane Coordinates | | Casing Stickup: | | | | | | | | | | |
| (X) Easting: 412828.16 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>598'</td> </tr> <tr> <td>SCH 80 PVC</td> <td>I.D. 4.768"</td> <td>O.D. 5.563"</td> </tr> </tbody> </table> | Interval | Start | Stop | CASING | 0' | 598' | SCH 80 PVC | I.D. 4.768" | O.D. 5.563" | |
| Interval | | Start | Stop | | | | | | | | | |
| CASING | | 0' | 598' | | | | | | | | | |
| SCH 80 PVC | | I.D. 4.768" | O.D. 5.563" | | | | | | | | | |
| (Y) Northing: 1470791.739 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>650'</td> </tr> <tr> <td></td> <td>O.D.</td> <td>10"</td> </tr> </tbody> </table> | Interval | Start | Stop | BOREHOLE | 0' | 650' | | O.D. | 10" | |
| Interval | | Start | Stop | | | | | | | | | |
| BOREHOLE | | 0' | 650' | | | | | | | | | |
| | O.D. | 10" | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL VOLCLAY</td> <td>3'</td> <td>523'</td> </tr> </tbody> </table> | Interval | Start | Stop | GROUT/BACKFILL VOLCLAY | 3' | 523' | | | | | |
| Interval | Start | Stop | | | | | | | | | | |
| GROUT/BACKFILL VOLCLAY | 3' | 523' | | | | | | | | | | |
| Protective Casing: 5419.254 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SCREEN SCH 80 PVC</td> <td>535'</td> <td>555'</td> </tr> <tr> <td></td> <td>Slot Size</td> <td>.01"</td> </tr> </tbody> </table> | Interval | Start | Stop | SCREEN SCH 80 PVC | 535' | 555' | | Slot Size | .01" | | |
| Interval | Start | Stop | | | | | | | | | | |
| SCREEN SCH 80 PVC | 535' | 555' | | | | | | | | | | |
| | Slot Size | .01" | | | | | | | | | | |
| Top of Inner Well Casing: 5418.588 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SEAL VOLCLAY</td> <td>562'</td> <td>572'</td> </tr> </tbody> </table> | Interval | Start | Stop | SEAL VOLCLAY | 562' | 572' | | | | | |
| Interval | Start | Stop | | | | | | | | | | |
| SEAL VOLCLAY | 562' | 572' | | | | | | | | | | |
| Concrete Pad: 5417.275 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>PRIMARY PACK 40/60 SILICA SAND</td> <td>572'</td> <td>605'</td> </tr> </tbody> </table> | Interval | Start | Stop | PRIMARY PACK 40/60 SILICA SAND | 572' | 605' | | | | | |
| Interval | Start | Stop | | | | | | | | | | |
| PRIMARY PACK 40/60 SILICA SAND | 572' | 605' | | | | | | | | | | |
| Ground Surface: 5417.275 | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SCREEN SCH 80 PVC</td> <td>585'</td> <td>595'</td> </tr> </tbody> </table> | Interval | Start | Stop | SCREEN SCH 80 PVC | 585' | 595' | | | | | |
| Interval | Start | Stop | | | | | | | | | | |
| SCREEN SCH 80 PVC | 585' | 595' | | | | | | | | | | |
|  | | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SUMP N/A</td> <td>595'</td> <td>598'</td> </tr> </tbody> </table> | Interval | Start | Stop | SUMP N/A | 595' | 598' | | | | |
| | | Interval | Start | Stop | | | | | | | | |
| | | SUMP N/A | 595' | 598' | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>PLUG BACK BENTONITE PELLETS</td> <td>605'</td> <td>650'</td> </tr> </tbody> </table> | Interval | Start | Stop | PLUG BACK BENTONITE PELLETS | 605' | 650' | | | | | | |
| Interval | Start | Stop | | | | | | | | | | |
| PLUG BACK BENTONITE PELLETS | 605' | 650' | | | | | | | | | | |
| <div style="background-color: black; color: white; padding: 5px;">Calculated Depths and Elevations</div> <table style="width: 100%;"> <tr> <td style="width: 30%;">Initial Water Elevation: (FAMSL)</td> <td></td> </tr> <tr> <td>Initial Depth To Water: (FBGS)</td> <td></td> </tr> <tr> <td>Last measured water level was 4877.39 FASL</td> <td></td> </tr> <tr> <td>asured on 13-SEP-1995</td> <td></td> </tr> <tr> <td>Date Updated: 14-MAR-00</td> <td>Date Printed: 12-JAN-2004</td> </tr> </table> | | | Initial Water Elevation: (FAMSL) | | Initial Depth To Water: (FBGS) | | Last measured water level was 4877.39 FASL | | asured on 13-SEP-1995 | | Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 |
| Initial Water Elevation: (FAMSL) | | | | | | | | | | | | |
| Initial Depth To Water: (FBGS) | | | | | | | | | | | | |
| Last measured water level was 4877.39 FASL | | | | | | | | | | | | |
| asured on 13-SEP-1995 | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

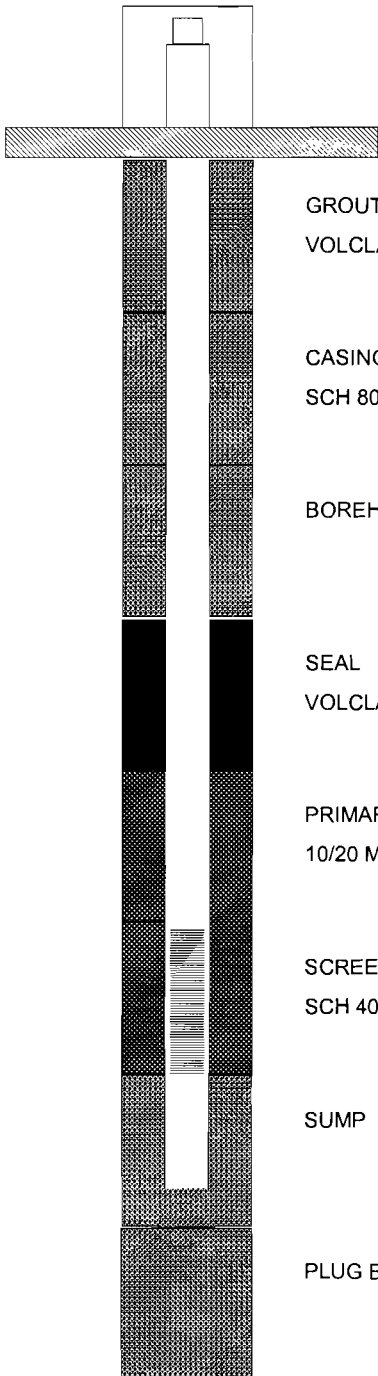
| | | | |
|-------------------------------|-----------------------------|---------------------------------|-----------------------------------|
| Project Name: | TECHNICAL AREA II | Geo Location: | NW CORNER TA-II |
| ER ADS #: | 1303 | Well Completion Date: | 27-JUL-1993 |
| Well Name: | TA2-NW1-595 | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 08-JUL-1993 | Well Comment: | WATER LEVEL MEASURED ON 07-OCT-93 |
| Drilling Contractor: | | | |
| Drilling Method: | AIR ROTARY/CABLE TOOL/SONIC | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 598 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------|---------------------------------|-----------------------------------|
| Project Name: | TECHNICAL AREA II | Geo Location: | SW CORNER TA-II |
| ER ADS #: | 1303 | Well Completion Date: | 30-NOV-1992 |
| Well Name: | TA2-SW1-320 | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-NOV-1992 | Well Comment: | WATER LEVEL MEASURED ON 07-OCT-93 |
| Drilling Contractor: | | | |
| Drilling Method: | AIR ROTARY/DRIVE CASING | | |
| Borehole Depth: | 324.8 | | |
| Casing Depth: | 324.6 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|-------------|---|----------------------------|
| Survey Date: | 09-NOV-1993 | Casing Stickup: | |
| Surveyed By: | GREINER | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 412550.757 | GROUT/BACKFILL | 0' 277.5' |
| (Y) Northing: | 1469669.428 | VOLCLAY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5410.03 | CASING | 0' 324.6' |
| Top of Inner Well Casing: | 5409.181 | SCH 80 PVC | I.D. 3.826" O.D. 4.5" |
| Concrete Pad: | 5407.364 | Interval | Start Stop |
| Ground Surface: | 5407.364 | BOREHOLE | 0' 324.8' |
| | | | O.D. 11" |
| | | Interval | Start Stop |
| | | SEAL | 277.5' 287' |
| | | VOLCLAY PELLETS | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 287' 324.8' |
| | | 10/20 MESH SILICA | |
| | | Interval | Start Stop |
| | | SCREEN | 299.6' 319.6' |
| | | SCH 40 PVC | |
| | | Slot Size | .01" |
| | | Interval | Start Stop |
| | | SUMP | 319.6' 324.6' |
| | | Interval | Start Stop |
| | | PLUG BACK | 324.6' 324.8' |



Calculated Depths and Elevations

| | |
|---------------------------------|----------|
| Initial Water Elevation: | 5098.251 |
| (FAMSL) | |
| Initial Depth To Water: | 310.93 |
| (FBGS) | |

Last measured water level was 5097.78 **FASL**
asured on 13-SEP-1995

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------|---------------------------------|-----------------------------------|
| Project Name: | TECHNICAL AREA II | Geo Location: | SW CORNER TA-II |
| ER ADS #: | 1303 | Well Completion Date: | 30-NOV-1992 |
| Well Name: | TA2-SW1-320 | Completion Zone: | SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-NOV-1992 | Well Comment: | WATER LEVEL MEASURED ON 07-OCT-93 |
| Drilling Contractor: | | | |
| Drilling Method: | AIR ROTARY/DRIVE CASING | | |
| Borehole Depth: | 324.8 | | |
| Casing Depth: | 324.6 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: TECHNICAL AREA II | Geo Location: TA2 CENTRAL |
| ER ADS #: 1303 | Well Completion Date: 27-JUN-1994 |
| Well Name: TA2-W-01 | Completion Zone: SILTY SAND/GRAVEL |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 07-MAR-1994 | Well Comment: |
| Drilling Contractor: WATER DEVELOPMENT | |
| Drilling Method: SONIC CORING;AIR WATER | |
| Borehole Depth: 338 | NEUTRON SHOWED SATURATION AT 314.5 AND BELOW |
| Casing Depth: 332 | SAND AND GRAVEL IN CUTTINGS IN SCREENED ZONE |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|--|----------------------------------|----------------------------|------------------|---|
| Survey Date: 05-AUG-1994 | | | | | |
| Surveyed By: GREINER, INC. | | | | | |
| | | | | | |
| State Plane Coordinates | | | Casing Stickup: 2.5 | | |
| (X) Easting: 413232.503 | | | Interval | Start | Stop |
| (Y) Northing: 1470118.94 | | | GROUT/BACKFILL | 0' | 301' |
| Surveyed Elevations (FAMSL) | | | VOLCLAY GROUT | | |
| | | | | | |
| | | | Interval | Start | Stop |
| | | | CASING | 0' | 332' |
| | | | PVC SCH 80 | I.D. 4.77" | O.D. 5.56" |
| | | | Interval | Start | Stop |
| | | | BOREHOLE | 0' | 338' |
| | | | | | O.D. 11.75" |
| | | | Interval | Start | Stop |
| | | | SEAL | 301' | 305' |
| | | | BENTONITE PELLETS | | |
| | | | Interval | Start | Stop |
| | | | SECONDARY PACK | 305' | 307' |
| | | | 60 SAND | | |
| | | | Interval | Start | Stop |
| | | | PRIMARY PACK | 307' | 332.3' |
| | | | 40/60 SAND | | |
| | | | Interval | Start | Stop |
| | | | SCREEN | 312' | 332' |
| | | | PVC SCH 80 | | |
| | | | | Slot Size | .01" |
| | | | Interval | Start | Stop |
| | | | PLUG BACK | 332' | 338' |
| | | | SLOUGH | | |
| Protective Casing: 5417.496 Top of Inner Well Casing: 5417.322 Concrete Pad: 5414.999 Ground Surface: 5414.712 | | | | | |
| | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 5100.21 | | | | | |
| (FAMSL) | | | | | |
| Initial Depth To Water: 314.5 | | | | | |
| (FBGS) | | | | | |
| Last measured water level was 5096.8 | | FASL | | | |
| asured on 13-SEP-1995 | | | | | |
| Date Updated: 14-MAR-00 | | Date Printed: 12-JAN-2004 | | | |

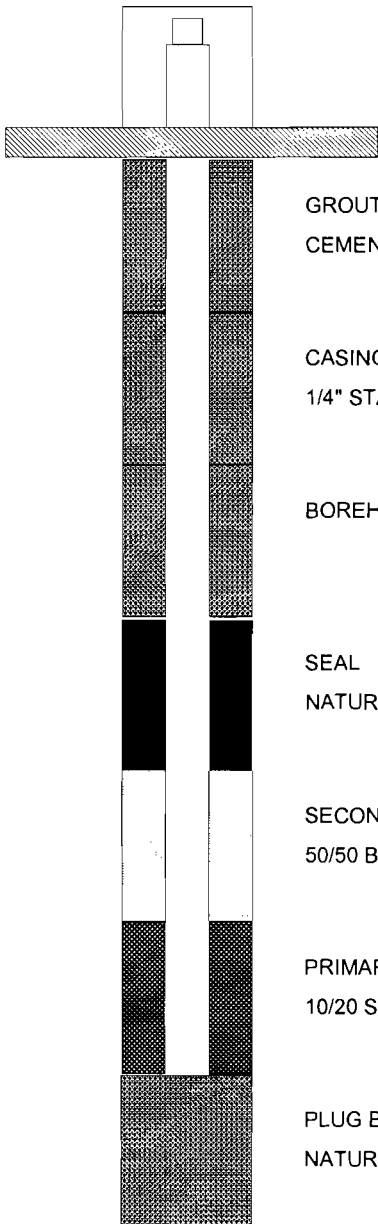
WELL DATABASE SUMMARY SHEET


| | | | |
|-------------------------------|------------------------|---------------------------------|--|
| Project Name: | TECHNICAL AREA II | Geo Location: | TA2 CENTRAL |
| ER ADS #: | 1303 | Well Completion Date: | 27-JUN-1994 |
| Well Name: | TA2-W-01 | Completion Zone: | SILTY SAND/GRAVEL |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 07-MAR-1994 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT | | |
| Drilling Method: | SONIC CORING;AIR WATER | | |
| Borehole Depth: | 338 | | NEUTRON SHOWED SATURATION AT 314.5 AND BELOW |
| Casing Depth: | 332 | | SAND AND GRAVEL IN CUTTINGS IN SCREENED ZONE |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: TAIL | Geo Location: CENTER OF TAIL |
| ER ADS #: 1303 | Well Completion Date: 05-DEC-1996 |
| Well Name: TA2-VW-20 | Completion Zone: ALLUVIAL SAND AND GRAVEL |
| Owner Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 14-NOV-1996 | Well Comment: **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: BEYLIK | |
| Drilling Method: AUGER | |
| Borehole Depth: 104 | |
| Casing Depth: 70 | |

| Survey Data | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----------------|--|-----------------|------------------------|----------------|-------------|--------------------|--|--|--|-----------------|------------------------|--------|-------------|----------------------|----------------|--|--|-----------------|------------------------|----------|--------------|--|--|-----------------|------------------------|------|--------------|------------------|--|--|--|-----------------|------------------------|----------------|--------------|-----------------------|--|--|--|-----------------|------------------------|--------------|--------------|-------------------|--|--|--|-----------------|------------------------|-----------|---------------|------------------|--|
| Survey Date: 06-JUL-2000 Surveyed By: DON HELFRICH State Plane Coordinates (X) Easting: 413130.312 (Y) Northing: 1469878.375 <div style="background-color: black; color: white; text-align: center; padding: 5px; margin: 5px 0;">Surveyed Elevations (FAMSL)</div> Protective Casing: Top of Inner Well Casing: Concrete Pad: 5414 Ground Surface: | <div style="text-align: center; margin-bottom: 10px;">  </div> <table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left; padding: 5px;">Casing Stickup:</th> </tr> <tr> <td style="width: 60%;">Interval</td> <td style="width: 40%;">Start Stop</td> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0' 11'</td> </tr> <tr> <td>CEMENT BENT. GROUT</td> <td></td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>CASING</td> <td>0' 70'</td> </tr> <tr> <td>1/4" STAINLESS STEEL</td> <td>O.D. .25"</td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0' 104'</td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>SEAL</td> <td>11' 63'</td> </tr> <tr> <td>NATURAL BACKFILL</td> <td></td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>SECONDARY SEAL</td> <td>63' 68'</td> </tr> <tr> <td>50/50 BENTONITE/GROUT</td> <td></td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>68' 72'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> </tr> <tr> <td colspan="2" style="height: 10px;"></td> </tr> <tr> <td>Interval</td> <td>Start Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>72' 104'</td> </tr> <tr> <td>NATURAL BACKFILL</td> <td></td> </tr> </table> | Casing Stickup: | | Interval | Start Stop | GROUT/BACKFILL | 0' 11' | CEMENT BENT. GROUT | | | | Interval | Start Stop | CASING | 0' 70' | 1/4" STAINLESS STEEL | O.D. .25" | | | Interval | Start Stop | BOREHOLE | 0' 104' | | | Interval | Start Stop | SEAL | 11' 63' | NATURAL BACKFILL | | | | Interval | Start Stop | SECONDARY SEAL | 63' 68' | 50/50 BENTONITE/GROUT | | | | Interval | Start Stop | PRIMARY PACK | 68' 72' | 10/20 SILICA SAND | | | | Interval | Start Stop | PLUG BACK | 72' 104' | NATURAL BACKFILL | |
| Casing Stickup: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' 11' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEMENT BENT. GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' 70' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/4" STAINLESS STEEL | O.D. .25" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' 104' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 11' 63' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL BACKFILL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY SEAL | 63' 68' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50/50 BENTONITE/GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 68' 72' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 72' 104' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL BACKFILL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

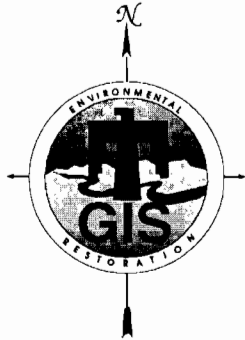
Initial Depth To Water:
(FBGS)

Last measured water level was **FASL**
asured on

| | |
|--------------------------------|----------------------------------|
| Date Updated: 18-APR-01 | Date Printed: 12-JAN-2004 |
|--------------------------------|----------------------------------|


WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | TAII | Geo Location: | CENTER OF TAIL |
| ER ADS #: | 1303 | Well Completion Date: | 05-DEC-1996 |
| Well Name: | TA2-VW-20 | Completion Zone: | ALLUVIAL SAND AND GRAVEL |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 14-NOV-1996 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | BEYLIK | | |
| Drilling Method: | AUGER | | |
| Borehole Depth: | 104 | | |
| Casing Depth: | 70 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: TA II | Geo Location: SOUTHERN MOST CORNER OF TA II |
| ER ADS #: 1303 | Well Completion Date: 06-DEC-1996 |
| Well Name: TA2-VW-21 | Completion Zone: ALLUVIAL SAND AND GRAVEL |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 12-NOV-1996 | Well Comment: **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: BEYLIK | |
| Drilling Method: AUGER | |
| Borehole Depth: 120 | |
| Casing Depth: 92 | |

| Survey Data |  | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|-------|------|----------------|----|-----|--------------------|--|--|------|--|--|----------|-------|------|--------|----|-----|----------------------|--|-----------|------|--|--|----------|-------|------|----------|----|------|------|--|--|----------|-------|------|--------|-----|-----|------------------|--|--|------|--|--|----------|-------|------|------------------|-----|-----|----------------------|--|--|------|--|--|----------|-------|------|----------------|-----|-----|-------------------|--|--|------|--|--|----------|-------|------|--------|-----|-----|------------------|--|--|------|--|--|----------|-------|------|------------------|-----|-----|----------------------|--|--|------|--|--|----------|-------|------|----------------|-----|-------|-------------------|--|--|
| Survey Date: 06-JUL-2000 Surveyed By: DON HELFRICH State Plane Coordinates (X) Easting: 413432.125 (Y) Northing: 1469078.375 <div style="background-color: black; color: white; text-align: center; padding: 5px;">Surveyed Elevations (FAMSL)</div> Protective Casing: Depth of Inner Well Casing: Concrete Pad: 5413 Ground Surface: | Casing Stickup: <table style="width: 100%;"> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>10'</td> </tr> <tr> <td>CEMENT BENT. GROUT</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>CASING</td> <td>0'</td> <td>92'</td> </tr> <tr> <td>1/4" STAINLESS STEEL</td> <td></td> <td>O.D. .25"</td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>120'</td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>SEAL A</td> <td>10'</td> <td>42'</td> </tr> <tr> <td>NATURAL BACKFILL</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>SECONDARY SEAL A</td> <td>42'</td> <td>47'</td> </tr> <tr> <td>50% BENT., 50% GROUT</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>PRIMARY PACK A</td> <td>47'</td> <td>53'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>SEAL B</td> <td>57'</td> <td>84'</td> </tr> <tr> <td>NATURAL BACKFILL</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>SECONDARY SEAL B</td> <td>84'</td> <td>90'</td> </tr> <tr> <td>50% BENT., 50% GROUT</td> <td></td> <td></td> </tr> <tr> <td> </td> <td></td> <td></td> </tr> <tr> <th style="text-align: left;">Interval</th> <th style="text-align: left;">Start</th> <th style="text-align: left;">Stop</th> </tr> <tr> <td>PRIMARY PACK B</td> <td>90'</td> <td>94.5'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 10' | CEMENT BENT. GROUT | | | | | | Interval | Start | Stop | CASING | 0' | 92' | 1/4" STAINLESS STEEL | | O.D. .25" | | | | Interval | Start | Stop | BOREHOLE | 0' | 120' | | | | Interval | Start | Stop | SEAL A | 10' | 42' | NATURAL BACKFILL | | | | | | Interval | Start | Stop | SECONDARY SEAL A | 42' | 47' | 50% BENT., 50% GROUT | | | | | | Interval | Start | Stop | PRIMARY PACK A | 47' | 53' | 10/20 SILICA SAND | | | | | | Interval | Start | Stop | SEAL B | 57' | 84' | NATURAL BACKFILL | | | | | | Interval | Start | Stop | SECONDARY SEAL B | 84' | 90' | 50% BENT., 50% GROUT | | | | | | Interval | Start | Stop | PRIMARY PACK B | 90' | 94.5' | 10/20 SILICA SAND | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 10' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEMENT BENT. GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 92' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1/4" STAINLESS STEEL | | O.D. .25" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 120' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL A | 10' | 42' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL BACKFILL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY SEAL A | 42' | 47' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50% BENT., 50% GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK A | 47' | 53' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL B | 57' | 84' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NATURAL BACKFILL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY SEAL B | 84' | 90' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50% BENT., 50% GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK B | 90' | 94.5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

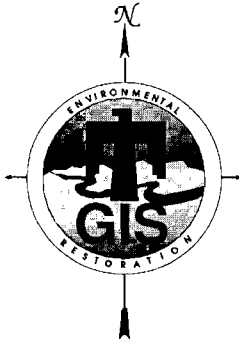
Calculated Depths and Elevations

Initial Water Elevation:
(FAMSL)

Initial Depth To Water:
(FBGS)

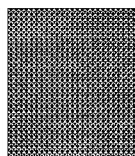
Last measured water level was **FASL**
assured on

Date Updated: 14-JUN-02 **Date Printed:** 12-JAN-2004



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|---|
| Project Name: | TA II | Geo Location: | SOUTHERN MOST CORNER OF TA II |
| ER ADS #: | 1303 | Well Completion Date: | 06-DEC-1996 |
| Well Name: | TA2-VW-21 | Completion Zone: | ALLUVIAL SAND AND GRAVEL |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-NOV-1996 | Well Comment: | **SEE VAPOR WELL COMMENTS AT BOTTOM OF REPORT** |
| Drilling Contractor: | BEYLIK | | |
| Drilling Method: | AUGER | | |
| Borehole Depth: | 120 | | |
| Casing Depth: | 92 | | |

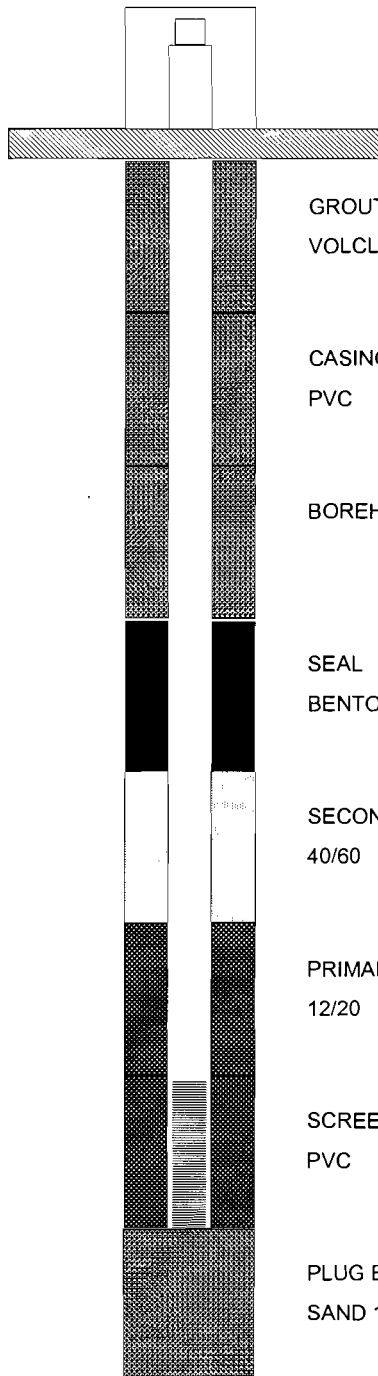


| Interval | Start | Stop |
|------------------|-------|------|
| PLUG BACK | 94.5' | 120' |
| NATURAL BACKFILL | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TA-II | Geo Location: | TIJERAS ARROYO;SE TA-II/TA-VI |
| ER ADS #: | 1303 | Well Completion Date: | 09-NOV-1995 |
| Well Name: | TA2-W-19 | Completion Zone: | GRAVELLY SAND/SANDY GRAVEL |
| er Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 08-NOV-1995 | Well Comment: | WELL DEVELOPED ON 29-NOV-95; CLEANED UP WELL W/TURBIDITY AT 2.6 (TCE=8.1 PPB) |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR-CASING ROTARY HAMMER | | |
| Borehole Depth: | 300 | | |
| Casing Depth: | 285.87 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|--------------|--|----------------------|
| Survey Date: | 08-DEC-1995 | Casing Stickup: | 2.13 |
| Surveyed By: | GREINER INC. | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414163.596 | GROUT/BACKFILL | 0' 249' |
| (Y) Northing: | 1468626.417 | VOLCLAY GROUT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5349.147 | CASING | 0' 285.87' |
| Top of Inner Well Casing: | 5348.543 | PVC | I.D. 4.8" O.D. 5.25" |
| Concrete Pad: | 5346.613 | Interval | Start Stop |
| Ground Surface: | 5346.263 | BOREHOLE | 0' 300' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 249' 254' |
| | | BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 254' 260' |
| | | 40/60 | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 260' 300' |
| | | 12/20 | |
| | | Interval | Start Stop |
| | | SCREEN | 265.87' 285.87' |
| | | PVC | |
| | | Slot Size | .2" |
| | | Interval | Start Stop |
| | | PLUG BACK | 285.87' 300' |
| | | SAND 12/20 | |




WELL DATABASE SUMMARY SHEET

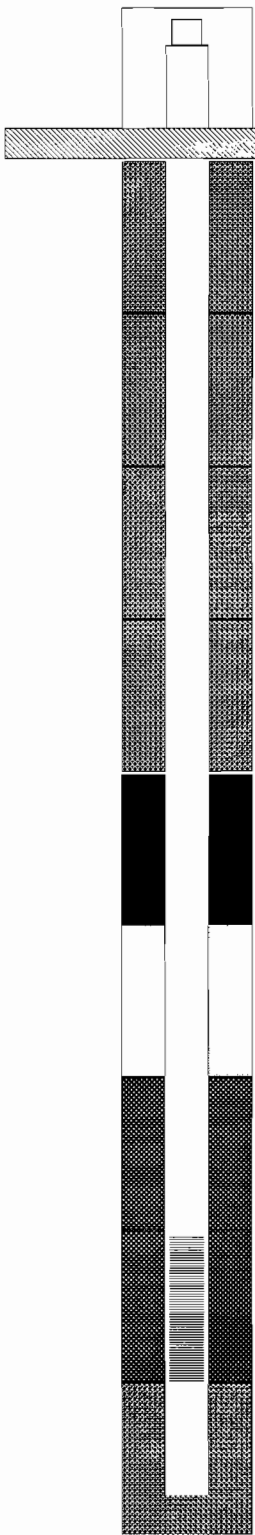
| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TA-II | Geo Location: | TIJERAS ARROYO;SE TA-II/TA-VI |
| ER ADS #: | 1303 | Well Completion Date: | 09-NOV-1995 |
| Well Name: | TA2-W-19 | Completion Zone: | GRAVELLY SAND/SANDY GRAVEL |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 08-NOV-1995 | Well Comment: | WELL DEVELOPED ON 29-NOV-95; CLEANED UP WELL W/TURBIDITY AT 2.6 (TCE=8.1 PPB) |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR-CASING ROTARY HAMMER | | |
| Borehole Depth: | 300 | | |
| Casing Depth: | 285.87 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|--|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: 1303 | Well Completion Date: 09-FEB-1998 | |
| Well Name: TA2-W-24 | Completion Zone: SANDS, GRAVELS CLAY | |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP | |
| Date Drilling Started: 27-JAN-1998 | Well Comment: | |
| Drilling Contractor: WATER DEVELOPMENT CORP. | | |
| Drilling Method: AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: 505 | | |
| Casing Depth: 490.6 | | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|--|
| Survey Date: 09-APR-1998 | | | | | |
| Surveyed By: SANTIAGO ROMERO JR. | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 414479.82 | | | | | |
| (Y) Northing: 1469605.69 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: 5361.48 | | | | | |
| Top of Inner Well Casing: 5360.99 | | | | | |
| Concrete Pad: 5359.26 | | | | | |
| Ground Surface: 5359.05 | | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 4910.55 (FAMSL) | | | | | |
| Initial Depth To Water: 450.44 (FBGS) | | | | | |
| Last measured water level was | FASL | | | | |
| asured on | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | |



| | | | |
|-----------------------------|----------------|------------------|------|
| Casing Stickup: 1.73 | | | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 160' | |
| | | O.D. | 12" |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 445' | |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 490.6' | |
| 5" SCH. 80 PVC | I.D. 5" | O.D. | 5.5" |
| Interval | Start | Stop | |
| BOREHOLE | 160' | 505' | |
| | | O.D. | 10" |
| Interval | Start | Stop | |
| SEAL | 445' | 451' | |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 451' | 457' | |
| 30/70 SILICA SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 457' | 505' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 465' | 485' | |
| 5" SCH. 80 PVC | | | |
| | | Slot Size | .02" |
| Interval | Start | Stop | |
| SUMP | 485' | 490.6' | |

WELL DATABASE SUMMARY SHEET

Project Name: TIJERAS ARROYO GW

Geo Location:

ER ADS #: 1303

Well Completion Date: 09-FEB-1998

Well Name: TA2-W-24

Completion Zone: SANDS, GRAVELS CLAY

Driller Name: SNL

Formation of Completion: SANTA FE GROUP

Date Drilling Started: 27-JAN-1998

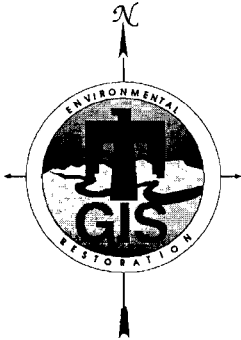
Well Comment:

Drilling Contractor: WATER DEVELOPMENT CORP.

Drilling Method: AIR ROTARY/CASING HAMMER

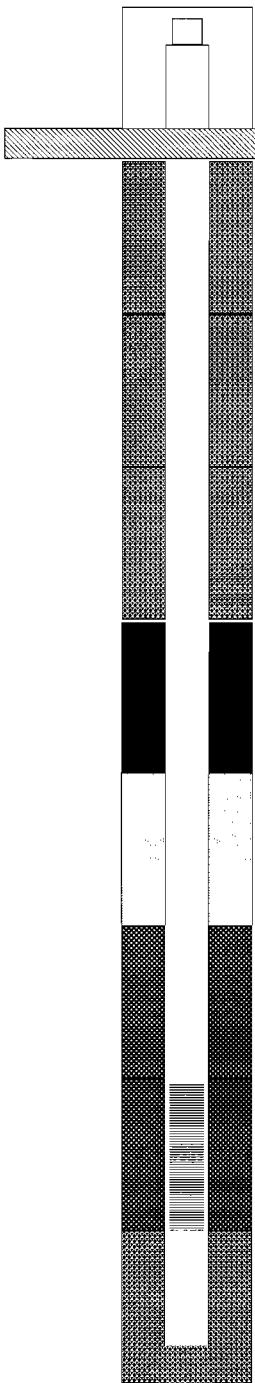
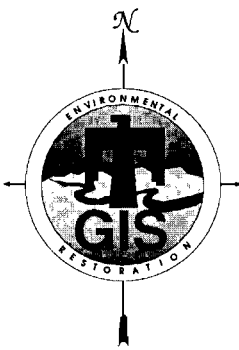
Borehole Depth: 505

Casing Depth: 490.6



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: TIJERAS ARROYO |
| ER ADS #: 1303 | Well Completion Date: 01-APR-1997 |
| Well Name: TA2-W-25 | Completion Zone: SILTY SAND AND GRAVEL |
| Driller Name: SNL/NM | Formation of Completion: UPPER SANTA FE GROUP |
| Date Drilling Started: 24-MAR-1997 | Well Comment: WELL DEVELOPMENT COMPLETED ON 28-APR-97 |
| Drilling Contractor: WATER DEVELOPMENT CORPOF | |
| Drilling Method: AIR ROTARY-CASING HAMMER | |
| Borehole Depth: 520 | ONE STAINLESS STEEL CENRALIZER ABOVE AND BELOW SCREEN |
| Casing Depth: 517.8 | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|------------------------|------------------|---|
| Survey Date: 23-MAY-1997 | | | | | |
| Surveyed By: GREINER, INC. | | | | | |
| State Plane Coordinates | | | | | |
| (X) Easting: 415262.01 | | | | | |
| (Y) Northing: 1470439.03 | | | | | |
|  | | | | | |
| | | | Casing Stickup: | 2.39 | |
| | | | Interval | Start | Stop |
| | | | GROUT/BACKFILL | 0' | 475.4' |
| | | | VOLCLAY GROUT | | |
| | | | Interval | Start | Stop |
| | | | CASING | 0' | 492' |
| | | | SCHEDULE 80 PVC | I.D. 4.75" | O.D. 5.62" |
| | | | Interval | Start | Stop |
| | | | BOREHOLE | 0' | 520' |
| | | | | | O.D. 10" |
| | | | Interval | Start | Stop |
| | | | SEAL | 475.4' | 481' |
| | | | 1/4" BENTONITE PELL | | |
| | | | Interval | Start | Stop |
| | | | SECONDARY PACK | 481' | 487' |
| | | | 30-70 SILICA SAND | | |
| | | | Interval | Start | Stop |
| | | | PRIMARY PACK | 487' | 517.8' |
| | | | 10-20 SILICA SAND | | |
| | | | Interval | Start | Stop |
| | | | SCREEN | 492' | 512' |
| | | | SCHEDULE 80 PVC | | |
| | | | | Slot Size | .02" |
| | | | Interval | Start | Stop |
| | | | SUMP | 512' | 517.8' |
| Protective Casing: 5372.69 | | | | | |
| Top of Inner Well Casing: 5372.19 | | | | | |
| Concrete Pad: 5370.22 | | | | | |
| Ground Surface: 5369.8 | | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: 4892.55 (FAMSL) | | | | | |
| Initial Depth To Water: 479.64 (FBGS) | | | | | |
| Last measured water level was FASL | | | | | |
| asured on | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | TIJERAS ARROYO |
| ER ADS #: | 1303 | Well Completion Date: | 01-APR-1997 |
| Well Name: | TA2-W-25 | Completion Zone: | SILTY SAND AND GRAVEL |
| Driller Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE GROUP |
| Date Drilling Started: | 24-MAR-1997 | Well Comment: | WELL DEVELOPMENT COMPLETED ON 28-APR-97 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY-CASING HAMMER | | |
| Borehole Depth: | 520 | | ONE STAINLESS STEEL CENRALIZER ABOVE AND BELOW SCREEN |
| Casing Depth: | 517.8 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|----------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: | 1303 | Well Completion Date: | 19-JAN-1998 |
| Well Name: | TA2-W-26 | Completion Zone: | SANDS, GRAVELS, CLAY |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-JAN-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 305 | | |
| Casing Depth: | 301.6 | | |

Survey Data

Survey Date: 09-APR-1998
Surveyed By: SANTIAGO ROMERO JR.

State Plane Coordinates

(X) Easting: 415265.37
(Y) Northing: 1470489.1

Surveyed Elevations (FAMSL)

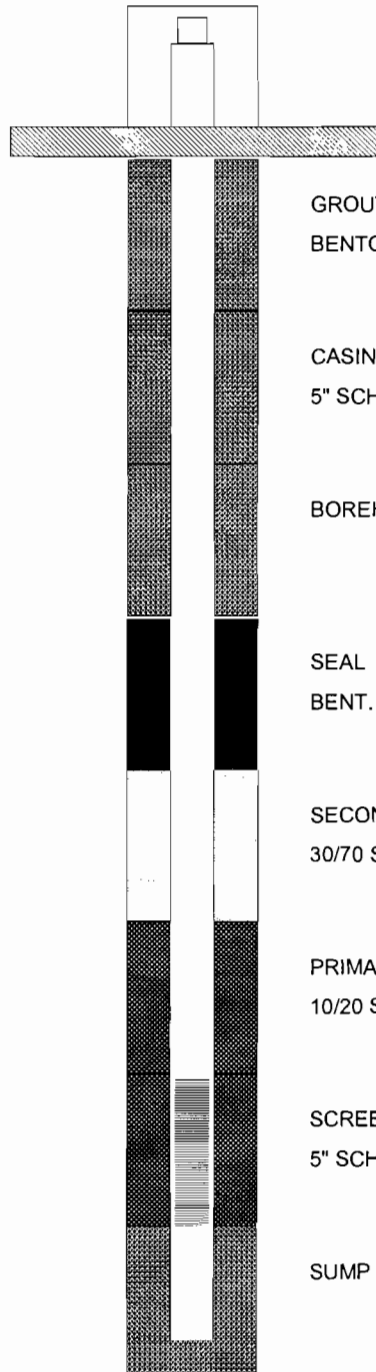
Protective Casing: 5373.68
Top of Inner Well Casing: 5373.1
Concrete Pad: 5371.47
Ground Surface: 5371.09



Calculated Depths and Elevations

Initial Water Elevation: 5093.68
(FAMSL)
Initial Depth To Water: 279.42
(FBGS)

Last measured water level was **FASL**
asured on



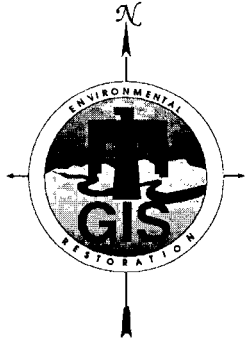
Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|--------------|-----------------------|--|
| Casing Stickup: | 1.63 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 255' | |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 301.6' | |
| 5" SCH. 80 PVC | I.D. 5" | O.D. 5.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 305' | |
| | | O.D. 10" | |
| Interval | Start | Stop | |
| SEAL | 255' | 261.5' | |
| BENT. PELLETS | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 261.5' | 271' | |
| 30/70 SILICA SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 271' | 305' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 276' | 296' | |
| 5" SCH. 80 PVC | | | |
| Interval | Start | Stop | |
| SUMP | 296' | 301.6' | |
| | | Slot Size .02" | |

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|----------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: | 1303 | Well Completion Date: | 19-JAN-1998 |
| Well Name: | TA2-W-26 | Completion Zone: | SANDS, GRAVELS, CLAY |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 12-JAN-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 305 | | |
| Casing Depth: | 301.6 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|----------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: | 1303 | Well Completion Date: | 09-FEB-1998 |
| Well Name: | TA2-W-27 | Completion Zone: | SANDS, GRAVELS, CLAY |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 04-FEB-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 306.5 | | |
| Casing Depth: | 300.6 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------------|---------------------|--|-------------------|
| Survey Date: | 09-APR-1998 | Casing Stickup: | 1.81 |
| Surveyed By: | SANTIAGO ROMERO JR. | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 414514.63 | GROUT/BACKFILL | 0' 259' |
| (Y) Northing: | 1469616.61 | BENTONITE GROUT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5360.63 | CASING | 0' 300.6' |
| Top of Inner Well Casing: | 5360.18 | 5" SCH. 80 PVC | I.D. 5" O.D. 5.5" |
| Concrete Pad: | 5358.37 | Interval | Start Stop |
| Ground Surface: | 5358.1 | BOREHOLE | 0' 306.5' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 259' 264.5' |
| | | 1/4" BENT. PELLETS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 264.5' 270' |
| | | 30/70 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 270' 306.5' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 275' 295' |
| | | 5" SCH. 80 PVC | |
| | | Interval | Start Stop |
| | | SUMP | 295' 300.6' |
| | | | Slot Size .02" |



FASL

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|----------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: | 1303 | Well Completion Date: | 09-FEB-1998 |
| Well Name: | TA2-W-27 | Completion Zone: | SANDS, GRAVELS, CLAY |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 04-FEB-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 306.5 | | |
| Casing Depth: | 300.6 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--------------------------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | TA-I ER SITE 190 |
| ER ADS #: | 1303 | Well Completion Date: | 22-MAR-1997 |
| Well Name: | TAI-W-01 | Completion Zone: | SILTY SAND AND GRAVEL |
| Well Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE GROUP |
| Date Drilling Started: | 06-MAR-1997 | Well Comment: | WELL DEVELOPMENT COMPLETED 28-APR-97 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY-CASING HAMMER | | |
| Borehole Depth: | 613 | | |
| Casing Depth: | 600 | | |

Survey Data

Survey Date: 23-MAY-1997
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 410373.39
(Y) Northing: 1472422.88

Surveyed Elevations (FAMSL)

Protective Casing: 5401.86
Top of Inner Well Casing: 5401.15
Concrete Pad: 5399.39
Ground Surface: 5399.1



Calculated Depths and Elevations

Initial Water Elevation: 4861.58
(FAMSL)
Initial Depth To Water: 539.57
(FBGS)

Last measured water level was
asured on

FASL

Completion Data Measured Depths (FBGS)

Casing Stickup: 2.05

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 559.2' |
| VOLCLAY GROUT | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| CASING | 0' | 575' |
| PVC SCHEDULE 80 | I.D. 4.75" | O.D. 5.62" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 613' |
| | | O.D. 10" |

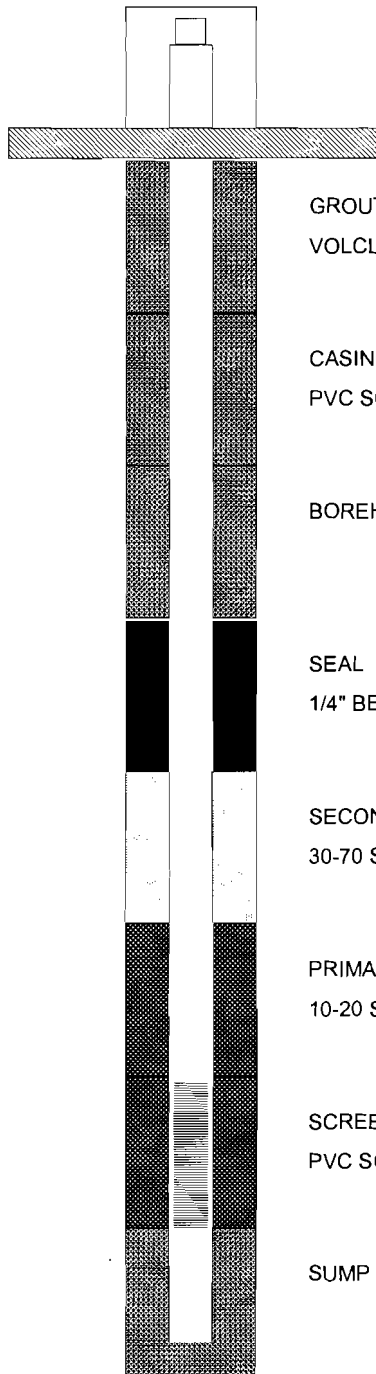
| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 559.2' | 563.6' |
| 1/4" BENT PELLETS | | |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| SECONDARY PACK | 563.6' | 566.5' |
| 30-70 SILICA SAND | | |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 566.5' | 613' |
| 10-20 SILICA SAND | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 575' | 595' |
| PVC SCHEDULE 80 | | |

| | | |
|-----------------|------------------|-------------|
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 595' | 600.8' |



Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--------------------------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | TAJER SITE 190 |
| ER ADS #: | 1303 | Well Completion Date: | 22-MAR-1997 |
| Well Name: | TAI-W-01 | Completion Zone: | SILTY SAND AND GRAVEL |
| Owner Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE GROUP |
| Date Drilling Started: | 06-MAR-1997 | Well Comment: | WELL DEVELOPMENT COMPLETED 28-APR-97 |
| Drilling Contractor: | WATER DEVELOPMENT CORPOF | | |
| Drilling Method: | AIR ROTARY-CASING HAMMER | | |
| Borehole Depth: | 613 | | |
| Casing Depth: | 600 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|--|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: 1303 | Well Completion Date: 27-FEB-1998 | |
| Well Name: TAI-W-02 | Completion Zone: SANDS, GRAVELS, CLAY | |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP | |
| Date Drilling Started: 11-FEB-1998 | Well Comment: | |
| Drilling Contractor: WATER DEVELOPMENT CORP. | | |
| Drilling Method: AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: 578 | | |
| Casing Depth: 565.6 | | |

Survey Data

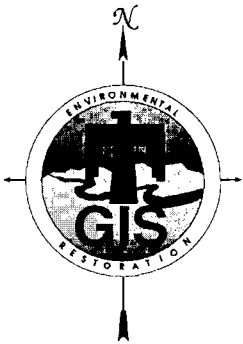
Survey Date: 09-APR-1998
Surveyed By: SANTIAGO ROMERO JR.

State Plane Coordinates

(X) Easting: 412293.62
(Y) Northing: 1471918.76

Surveyed Elevations (FAMSL)

Protective Casing: 5414.23
Top of Inner Well Casing: 5413.95
Concrete Pad: 5414.23
Ground Surface: 5414.23



Calculated Depths and Elevations

Initial Water Elevation: 4885.55
(FAMSL)
Initial Depth To Water: 528.4
(FBGS)

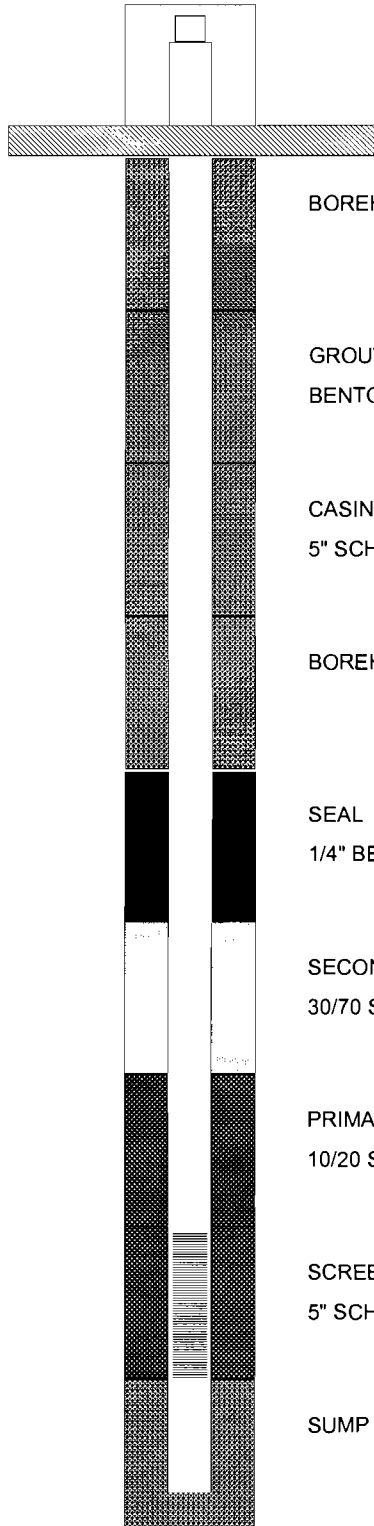
Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: -.28

| Interval | Start | Stop |
|--------------------|-----------|-----------|
| BOREHOLE | 0' | 200' |
| | | O.D. 12" |
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 520' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| CASING | 0' | 565.6' |
| 5" SCH. 80 PVC | I.D. 5" | O.D. 5.5" |
| Interval | Start | Stop |
| BOREHOLE | 200' | 578' |
| | | O.D. 10" |
| Interval | Start | Stop |
| SEAL | 520' | 530' |
| 1/4" BENT. PELLETS | | |
| Interval | Start | Stop |
| SECONDARY PACK | 530' | 534' |
| 30/70 SILICA SAND | | |
| Interval | Start | Stop |
| PRIMARY PACK | 534' | 578' |
| 10/20 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 540' | 560' |
| 5" SCH. 80 PVC | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 560' | 565.6' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|----------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: | 1303 | Well Completion Date: | 27-FEB-1998 |
| Well Name: | TAI-W-02 | Completion Zone: | SANDS, GRAVELS, CLAY |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 11-FEB-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 578 | | |
| Casing Depth: | 565.6 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|--|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: 1303 | Well Completion Date: 27-JAN-1998 | |
| Well Name: TAI-W-03 | Completion Zone: SANDS, GRAVELS,CLAY | |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP | |
| Date Drilling Started: 19-JAN-1998 | Well Comment: | |
| Drilling Contractor: WATER DEVELOPMENT CORP. | | |
| Drilling Method: AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: 363 | | |
| Casing Depth: 362.6 | | |

Survey Data

Survey Date: 09-APR-1998
Surveyed By: SANTIAGO ROMERO JR.

State Plane Coordinates

(X) Easting: 415058.11
(Y) Northing: 1473207.18

Surveyed Elevations (FAMSL)

Protective Casing: 5454.91
Top of Inner Well Casing: 5454.36
Concrete Pad: 5452.66
Ground Surface: 5452.24



Calculated Depths and Elevations

Initial Water Elevation: 5116.62
(FAMSL)
Initial Depth To Water: 337.74
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 1.7

| | | | |
|-----------------|--------------|-------------|-----|
| Interval | Start | Stop | |
| BOREHOLE | 0' | 100' | |
| | | O.D. | 12" |

| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 320' | |
| BENTONITE GROUT | | | |

| | | | |
|-----------------|--------------|-------------|------------------|
| Interval | Start | Stop | |
| CASING | 0' | 362.6' | |
| 5" SCH. 80 PVC | I.D. | 5" | O.D. 5.5" |

| | | | |
|-----------------|--------------|-------------|-----|
| Interval | Start | Stop | |
| BOREHOLE | 100' | 363' | |
| | | O.D. | 10" |

| | | | |
|--------------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SEAL | 320' | 326' | |
| 1/4" BENT. PELLETS | | | |

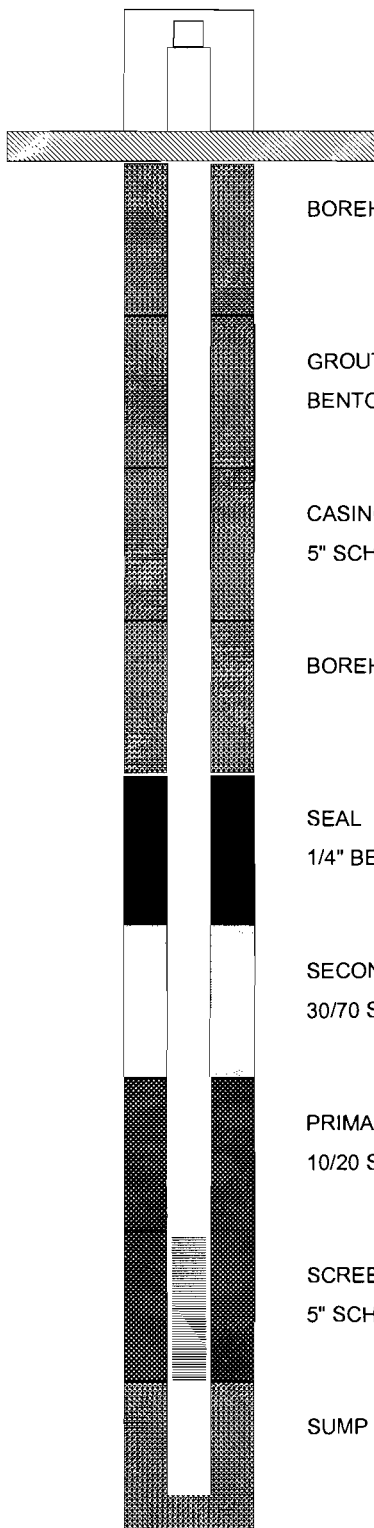
| | | | |
|-------------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SECONDARY PACK | 326' | 330' | |
| 30/70 SILICA SAND | | | |

| | | | |
|-------------------|--------------|-------------|--|
| Interval | Start | Stop | |
| PRIMARY PACK | 330' | 363' | |
| 10/20 SILICA SAND | | | |

| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SCREEN | 337' | 357' | |
| 5" SCH. 80 PVC | | | |

Slot Size .02"

| | | | |
|-----------------|--------------|-------------|--|
| Interval | Start | Stop | |
| SUMP | 357' | 362.6' | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| R ADS #: | 1303 | Well Completion Date: | 27-JAN-1998 |
| Well Name: | TAI-W-03 | Completion Zone: | SANDS, GRAVELS,CLAY |
| Well Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Well Drilling Started: | 19-JAN-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 363 | | |
| Casing Depth: | 362.6 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: SW CORNER EUBANK AND G AVENUE |
| ER ADS #: 1303 | Well Completion Date: 06-OCT-1998 |
| Well Name: TAI-W-04 | Completion Zone: SILTY GRAVELLY SAND |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 07-SEP-1998 | Well Comment: WELL DEVELOPED 07-DEC-98. DRILLED AT 3 LOCATIONS BEFORE BOREHOLE WAS SUCCESSFULLY COMPLETED. NO PROBLEMS WITH WELL. |
| Drilling Contractor: WATER DEVELOPMENT CORP. | |
| Drilling Method: AIR ROTARY/CASING HAMMER | |
| Borehole Depth: 630 | |
| Casing Depth: 601.7 | |

| Survey Data | | | | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | |
|---|--------------|------------------|--------------------|--|--|-----------------------------|--------------|------------------|--|----------------|--|--|-------------|---------------------|-------------|----|--------------------|
| Survey Date: 15-JAN-1999 | | | | | | | | | | | | | | | | | |
| Surveyed By: BOHANNAN HUSTON INC. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Casing Stickup: 2.76</td> <td style="width: 50%;"></td> </tr> </table> | | | | | | Casing Stickup: 2.76 | | | | | | | | | | | |
| Casing Stickup: 2.76 | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>GROUT/BACKFILL</td> <td></td> <td></td> <td>0' 560'</td> </tr> <tr> <td>BENTONITE GROUT</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Interval | Start | Stop | | GROUT/BACKFILL | | | 0' 560' | BENTONITE GROUT | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | | | 0' 560' | | | | | | | | | | | | | | |
| BENTONITE GROUT | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>CASING</td> <td></td> <td></td> <td>0' 601.7'</td> </tr> <tr> <td>SCH. 80 PVC</td> <td>I.D.</td> <td>5"</td> <td>O.D. 5.5"</td> </tr> </table> | | | | | | Interval | Start | Stop | | CASING | | | 0' 601.7' | SCH. 80 PVC | I.D. | 5" | O.D. 5.5" |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| CASING | | | 0' 601.7' | | | | | | | | | | | | | | |
| SCH. 80 PVC | I.D. | 5" | O.D. 5.5" | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>BOREHOLE</td> <td></td> <td></td> <td>0' 630'</td> </tr> <tr> <td></td> <td></td> <td></td> <td>O.D. 9.625"</td> </tr> </table> | | | | | | Interval | Start | Stop | | BOREHOLE | | | 0' 630' | | | | O.D. 9.625" |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| BOREHOLE | | | 0' 630' | | | | | | | | | | | | | | |
| | | | O.D. 9.625" | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>SEAL</td> <td></td> <td></td> <td>560' 564'</td> </tr> <tr> <td>3/8" BENTONITE PELL</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Interval | Start | Stop | | SEAL | | | 560' 564' | 3/8" BENTONITE PELL | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| SEAL | | | 560' 564' | | | | | | | | | | | | | | |
| 3/8" BENTONITE PELL | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>SECONDARY PACK</td> <td></td> <td></td> <td>564' 568'</td> </tr> <tr> <td>30/70 SILICA SAND</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Interval | Start | Stop | | SECONDARY PACK | | | 564' 568' | 30/70 SILICA SAND | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| SECONDARY PACK | | | 564' 568' | | | | | | | | | | | | | | |
| 30/70 SILICA SAND | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>PRIMARY PACK</td> <td></td> <td></td> <td>568' 630'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Interval | Start | Stop | | PRIMARY PACK | | | 568' 630' | 10/20 SILICA SAND | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| PRIMARY PACK | | | 568' 630' | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>SCREEN</td> <td></td> <td></td> <td>576' 596'</td> </tr> <tr> <td>SCH. 80 PVC</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Interval | Start | Stop | | SCREEN | | | 576' 596' | SCH. 80 PVC | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| SCREEN | | | 576' 596' | | | | | | | | | | | | | | |
| SCH. 80 PVC | | | | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;">Slot Size</td> <td style="width: 30%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td>.02"</td> </tr> </table> | | | | | | | | Slot Size | | | | | .02" | | | | |
| | | Slot Size | | | | | | | | | | | | | | | |
| | | | .02" | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>SUMP</td> <td></td> <td></td> <td>596' 601.7'</td> </tr> </table> | | | | | | Interval | Start | Stop | | SUMP | | | 596' 601.7' | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| SUMP | | | 596' 601.7' | | | | | | | | | | | | | | |
| <table style="width: 100%;"> <tr> <td style="width: 50%;">Interval</td> <td style="width: 10%;">Start</td> <td style="width: 10%;">Stop</td> <td style="width: 30%;"></td> </tr> <tr> <td>PLUG BACK</td> <td></td> <td></td> <td>601.7' 630'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> <td></td> </tr> </table> | | | | | | Interval | Start | Stop | | PLUG BACK | | | 601.7' 630' | 10/20 SILICA SAND | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | |
| PLUG BACK | | | 601.7' 630' | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | |

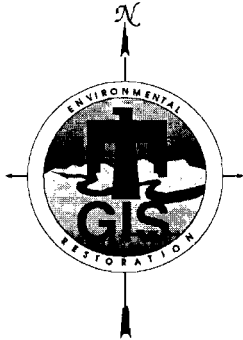
| | |
|------------------------------------|----------------------|
| Survey Data | |
| Survey Date: | 15-JAN-1999 |
| Surveyed By: | BOHANNAN HUSTON INC. |
| State Plane Coordinates | |
| (X) Easting: | 414813.45 |
| (Y) Northing: | 1474707.295 |
| Surveyed Elevations (FAMSL) | |
| Protective Casing: | 5458.7 |
| Top of Inner Well Casing: | 5458.31 |
| Concrete Pad: | 5455.66 |
| Ground Surface: | 5455.55 |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 4886.31 |
| (FAMSL) | |
| Initial Depth To Water: | 572 |
| (FBGS) | |
| Last measured water level was | FASL |
| measured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

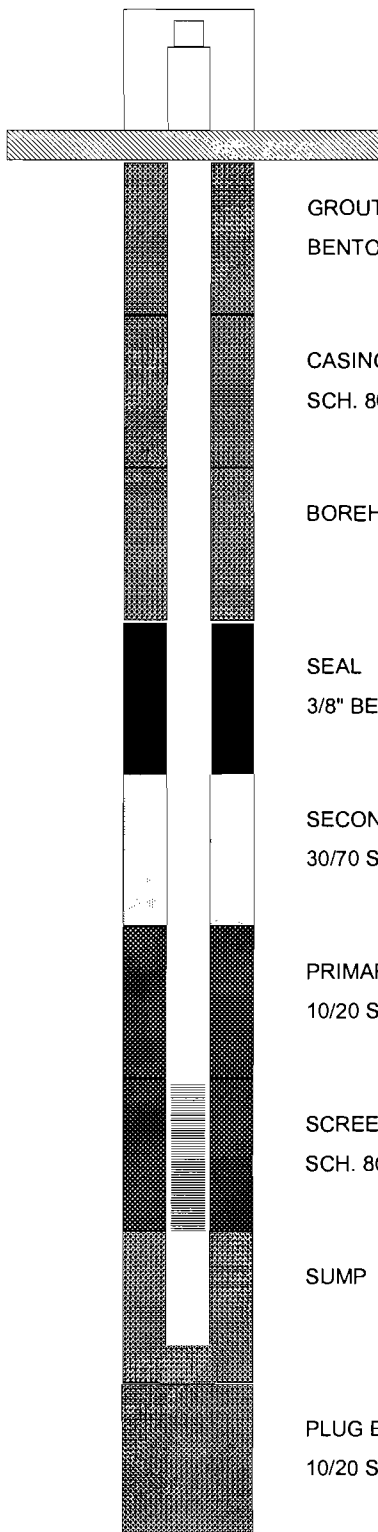
| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | SW CORNER EUBANK AND G AVENUE |
| ER ADS #: | 1303 | Well Completion Date: | 06-OCT-1998 |
| Well Name: | TAI-W-04 | Completion Zone: | SILTY GRAVELLY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 07-SEP-1998 | Well Comment: | WELL DEVELOPED 07-DEC-98. DRILLED AT 3 LOCATIONS BEFORE BOREHOLE WAS SUCCESSFULLY COMPLETED. NO PROBLEMS WITH WELL. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 630 | | |
| Casing Depth: | 601.7 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: TIJERAS ARROYO GW | Geo Location: N. SIDE "F" AVENUE |
| ER ADS #: 1303 | Well Completion Date: 16-NOV-1998 |
| Well Name: TAI-W-05 | Completion Zone: FINE COURSE SAND |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 08-OCT-1998 | Well Comment: WELL DEVELOPED 08-DEC-98. DRILLED AT 2 LOCATIONS BEFORE BOREHOLE COMPLETED. CASING INSTALLED AT 1ST LOCATION. ABANDONED DUE TO DROPPED TREMIE. NO PROBLEMS ENCOUNTERED DURING 2ND INSTALLATION. |
| Drilling Contractor: WATER DEVELOPMENT CORP. | |
| Drilling Method: AIR ROTARY/CASING HAMMER | |
| Borehole Depth: 625 | |
| Casing Depth: 623.2 | |

| Survey Data | | Completion Data Measured Depths (FBGS) |
|---|--|---|
| Survey Date: 15-JAN-1999 | | |
| Surveyed By: BOHANNAN HUSTON, INC. | | |
| State Plane Coordinates | | |
| (X) Easting: 412758.816 | | |
| (Y) Northing: 1475381.943 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: 5433.42 | | Casing Stickup: 1.66 |
| Top of Inner Well Casing: 5433.11 | | Interval Start Stop |
| Concrete Pad: 5431.68 | | GROUT/BACKFILL 0' 580' |
| Ground Surface: 5431.45 | | BENTONITE GROUT |
| | | Interval Start Stop |
| | | CASING 0' 623.2' |
| | | SCH. 80 PVC I.D. 5" O.D. 5.5" |
| | | Interval Start Stop |
| | | BOREHOLE 0' 625' |
| | | O.D. 9.625" |
| | | Interval Start Stop |
| | | SEAL 580' 585' |
| | | 3/8" BENTONITE PELL |
| | | Interval Start Stop |
| | | SECONDARY PACK 585' 589' |
| | | 30/70 SILICA SAND |
| | | Interval Start Stop |
| | | PRIMARY PACK 589' 625' |
| | | 10/20 SILICA SAND |
| | | Interval Start Stop |
| | | SCREEN 597.5' 617.5' |
| | | SCH. 80 PVC |
| | | Slot Size .02" |
| | | Interval Start Stop |
| | | SUMP 617.5' 623.2' |
| | | Interval Start Stop |
| | | PLUG BACK 623.2' 625' |
| | | 10/20 SILICA SAND |



Calculated Depths and Elevations

Initial Water Elevation: 4857.8
(FAMSL)

Initial Depth To Water: 575.62
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | N. SIDE "F" AVENUE |
| ER ADS #: | 1303 | Well Completion Date: | 16-NOV-1998 |
| Well Name: | TAI-W-05 | Completion Zone: | FINE COURSE SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 08-OCT-1998 | Well Comment: | WELL DEVELOPED 08-DEC-98. DRILLED AT 2 LOCATIONS BEFORE BOREHOLE COMPLETED. CASING INSTALLED AT 1ST LOCATION. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 625 | | ABANDONED DUE TO DROPPED TREMIE. NO PROBLEMS ENCOUNTERED DURING 2ND INSTALLATION. |
| Casing Depth: | 623.2 | | |



WELL DATABASE SUMMARY SHEET

| | | |
|---|--|--|
| Project Name: TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: 1303 | Well Completion Date: 27-FEB-1998 | |
| Well Name: TAI-W-06 | Completion Zone: SANDS, GRAVELS, CLAY | |
| Driller Name: SNL | Formation of Completion: SANTA FE GROUP | |
| Date Drilling Started: 24-FEB-1998 | Well Comment: | |
| Drilling Contractor: WATER DEVELOPMENT CORP. | | |
| Drilling Method: AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: 330 | | |
| Casing Depth: 325.6 | | |

Survey Data

Survey Date: 09-APR-1998
Surveyed By: SANTIAGO ROMERO JR.

State Plane Coordinates

(X) Easting: 412331.38
(Y) Northing: 1471918.6

Surveyed Elevations (FAMSL)

Protective Casing: 5414.71
Top of Inner Well Casing: 5414.43
Concrete Pad: 5414.71
Ground Surface: 5414.71



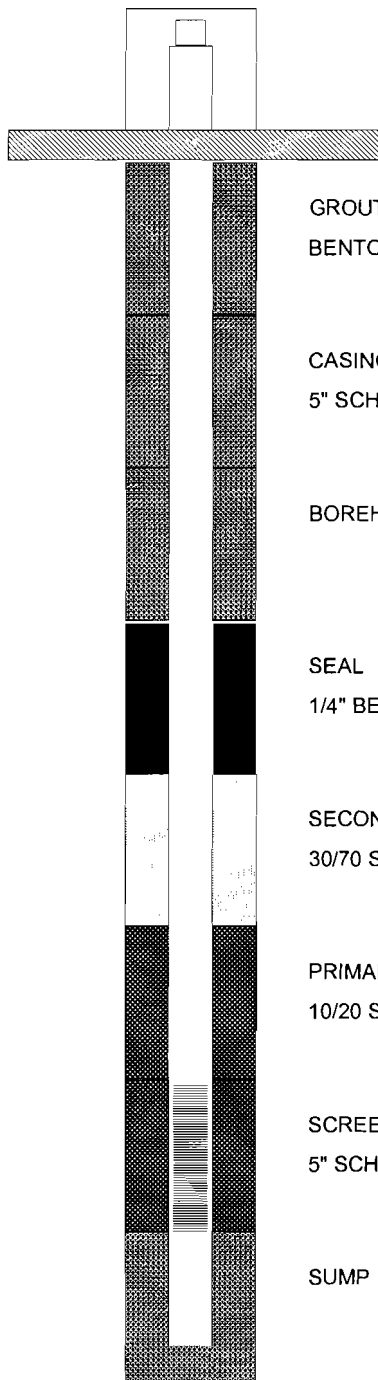
Calculated Depths and Elevations

Initial Water Elevation: 5114.68
(FAMSL)
Initial Depth To Water: 299.75
(FBGS)

Last measured water level was **FASL**
asured on

Completion Data Measured Depths (FBGS)

| | |
|-----------------------------|---------------------------------|
| Casing Stickup: -.28 | |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 285' |
| BENTONITE GROUT | |
| Interval | Start Stop |
| CASING | 0' 325.6' |
| 5" SCH. 80 PVC | I.D. 5" O.D. 5.5" |
| Interval | Start Stop |
| BOREHOLE | 0' 330' |
| | O.D. 10" |
| Interval | Start Stop |
| SEAL | 285' 291' |
| 1/4" BENT. PELLETS | |
| Interval | Start Stop |
| SECONDARY PACK | 291' 294' |
| 30/70 SILICA SAND | |
| Interval | Start Stop |
| PRIMARY PACK | 294' 330' |
| 10/20 SILICA SAND | |
| Interval | Start Stop |
| SCREEN | 300' 320' |
| 5" SCH. 80 PVC | |
| | Slot Size .02" |
| Interval | Start Stop |
| SUMP | 320' 325.6' |



Date Updated: 14-MAR-00 **Date Printed:** 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|----------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | |
| ER ADS #: | 1303 | Well Completion Date: | 27-FEB-1998 |
| Well Name: | TAI-W-06 | Completion Zone: | SANDS, GRAVELS, CLAY |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 24-FEB-1998 | Well Comment: | |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 330 | | |
| Casing Depth: | 325.6 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: TIJERAS ARROYO GW | Geo Location: N. SIDE OF TANK FARM |
| ER ADS #: 1303 | Well Completion Date: 13-AUG-1998 |
| Well Name: TAI-W-07 | Completion Zone: SILTY CLAYEY SAND |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 11-AUG-1998 | Well Comment: WELL DEVELOPED 04-DEC-98. VERY LOW PRODUCER. NO PROBLEMS ENCOUNTERED DURING WELL INSTALLATION. |
| Drilling Contractor: WATER DEVELOPMENT CORP. | |
| Drilling Method: AIR ROTARY/CASING HAMMER | |
| Borehole Depth: 290 | |
| Casing Depth: 289.1 | |

Survey Data

Survey Date: 15-JAN-1999
Surveyed By: BOHANNAN HUSTON, INC.

State Plane Coordinates

(X) Easting: 410446.228
(Y) Northing: 1472422.68

Surveyed Elevations (FAMSL)

Protective Casing: 5402.74
Top of Inner Well Casing: 5402.25
Concrete Pad: 5400.13
Ground Surface: 5400.08



Calculated Depths and Elevations

Initial Water Elevation: 5128.25
(FAMSL)

Initial Depth To Water: 274
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 2.33

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 252' |
| BENTONITE GROUT | | |

| | | |
|-----------------|----------------|------------------|
| Interval | Start | Stop |
| CASING | 0' | 289.1' |
| SCH. 80 PVC | I.D. 5" | O.D. 5.5" |

| | | |
|-----------------|--------------|--------------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 290' |
| | | O.D. 9.625" |

| | | |
|---------------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 252' | 257.8' |
| 3/8" BENTONITE PELL | | |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| SECONDARY PACK | 257.8' | 262.5' |
| 30/70 SILICA SAND | | |

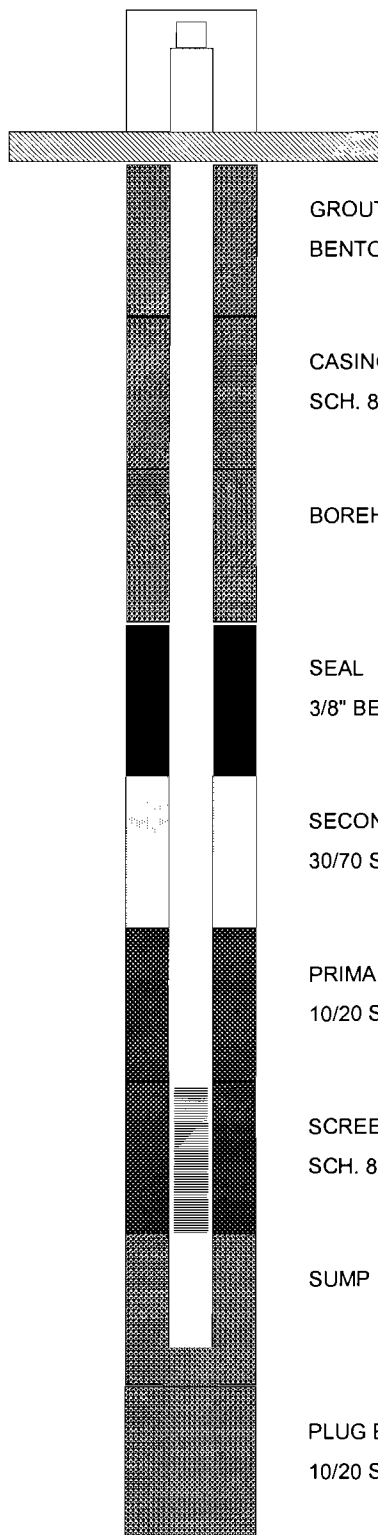
| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 262.5' | 290' |
| 10/20 SILICA SAND | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SCREEN | 268.6' | 288.6' |
| SCH. 80 PVC | | |

Slot Size .02"

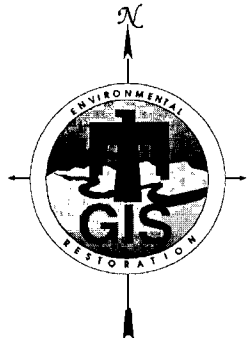
| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SUMP | 288.6' | 289.1' |

| | | |
|-------------------|--------------|-------------|
| Interval | Start | Stop |
| PLUG BACK | 289.1' | 290' |
| 10/20 SILICA SAND | | |




WELL DATABASE SUMMARY SHEET


| | | | |
|-------------------------------|--------------------------|---------------------------------|--|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | N. SIDE OF TANK FARM |
| ER ADS #: | 1303 | Well Completion Date: | 13-AUG-1998 |
| Well Name: | TAI-W-07 | Completion Zone: | SILTY CLAYEY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 11-AUG-1998 | Well Comment: | WELL DEVELOPED 04-DEC-98. VERY LOW PRODUCER. NO PROBLEMS ENCOUNTERED DURING WELL INSTALLATION. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 290 | | |
| Casing Depth: | 289.1 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|---|
| Project Name: TIJERAS ARROYO GW | Geo Location: N OF TAI - SEE WELL COMMENT |
| ER ADS #: 1303 | Well Completion Date: 03-AUG-2001 |
| Well Name: TAI-W-08 | Completion Zone: SILTY SAND GRAVELLY SAND |
| Well ID Name: SNL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 01-AUG-2001 | Well Comment: N OF TAI, E OF PARADE GROUND |
| Drilling Contractor: WATER DEVELOPMENT CORP | |
| Drilling Method: ARCH | |
| Borehole Depth: 335 | |
| Casing Depth: 327 | |

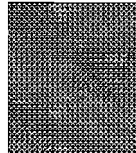
| Survey Data | | | | | Completion Data Measured Depths (FBGS) |
|---|-----------|----------------------|-------------|--|--|
| Survey Date: 05-OCT-2001 | | | | | Casing Stickup: 2.5 |
| Surveyed By: V. JIRIK | | | | | |
| <div style="text-align: center;">State Plane Coordinates</div> (X) Easting: 412787.13 (Y) Northing: 1475374.24 | | | | | |
| Surveyed Elevations (FAMSL) | | | | | |
| Protective Casing: | 5435.32 | | | | |
| Top of Inner Well Casing: | 5434.48 | | | | |
| Concrete Pad: | 5432.29 | | | | |
| Ground Surface: | 5432.01 | | | | |
|  | | | | | |
| Calculated Depths and Elevations | | | | | |
| Initial Water Elevation: | 306.7 | | | | |
| (FAMSL) | | | | | |
| Initial Depth To Water: | 5127.78 | | | | |
| (FBGS) | | | | | |
| Last measured water level was | | FASL | | | |
| asured on | | | | | |
| Date Updated: | 17-SEP-02 | Date Printed: | 12-JAN-2004 | | |



| | | |
|----------------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 278' |
| WYO-BEN WELL GROUT | | |
| | | |
| Interval | Start | Stop |
| CASING | 0' | 327' |
| SCHEDULE 80 PVC | I.D. 4.5" | O.D. 5" |
| | | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 335' |
| | | O.D. 10" |
| | | |
| Interval | Start | Stop |
| SEAL | 278' | 288' |
| 3/8" BENTONITE CHIPS | | |
| | | |
| Interval | Start | Stop |
| SECONDARY PACK | 288' | 291' |
| 30/70 SILICA SAND | | |
| | | |
| Interval | Start | Stop |
| SECONDARY PACK | 291' | 302' |
| 2/12 SILICA SAND | | |
| | | |
| Interval | Start | Stop |
| SCREEN | 302' | 322' |
| SCHEDULE 80 PVC | | |
| | | |
| Interval | Start | Stop |
| PRIMARY PACK | 302' | 327' |
| 10/20 SILICA SAND | | |
| | | |
| Interval | Start | Stop |
| SUMP | 322' | 327' |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------------|---------------------------------|------------------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | N OF TAI - SEE WELL COMMENT |
| ER ADS #: | 1303 | Well Completion Date: | 03-AUG-2001 |
| Well Name: | TAI-W-08 | Completion Zone: | SILTY SAND GRAVELLY SAND |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 01-AUG-2001 | Well Comment: | N OF TAI, E OF PARADE GROUND |
| Drilling Contractor: | WATER DEVELOPMENT CORP | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 335 | | |
| Casing Depth: | 327 | | |

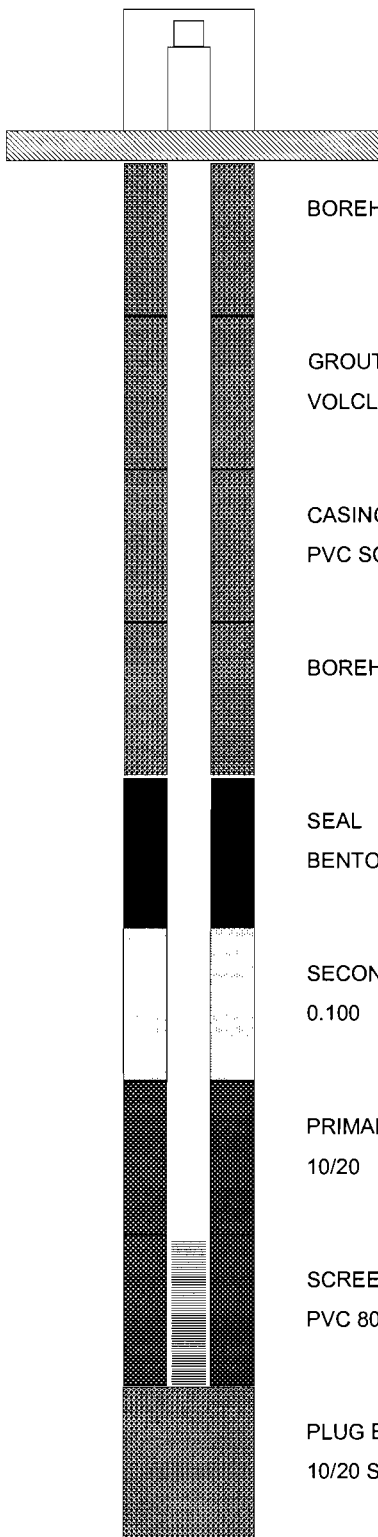


| Interval | Start | Stop |
|-----------------|-------|------|
| PLUG BACK | 327' | 335' |
| BOREHOLE SLOUGH | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------------|---------------------------------|---|
| Project Name: | TA5 SEEPAGE PITS | Geo Location: | TA5 SEEPAGE PITS |
| ER ADS #: | 1306 | Well Completion Date: | 28-FEB-1995 |
| Well Name: | TAV-MW1 | Completion Zone: | SILTY SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 31-JAN-1995 | Well Comment: | WELL DEVELOPED 4/10/95 - 4/14/95. INSIDE FENCE TA-V |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR CASING HAMMER W/CENTER BI | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 509.5 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|----------------------------------|--------------|--|--------------------------|
| Survey Date: | 13-APR-1995 | | |
| Surveyed By: | GREINER INC. | | |
| State Plane Coordinates | | Casing Stickup: | 3.7 |
| (X) Easting: | 414699.928 | Interval | Start Stop |
| (Y) Northing: | 1454667.5 | BOREHOLE | 0' 200' |
| Surveyed Elevations (FAMSL) | | | O.D. 11.75" |
| Protective Casing: | 5436.204 | Interval | Start Stop |
| Top of Inner Well Casing: | 5435.136 | GROUT/BACKFILL | 0' 463' |
| Concrete Pad: | 5432.535 | VOLCLAY GROUT | |
| Ground Surface: | 5432.5 | Interval | Start Stop |
| | | CASING | 0' 509.5' |
| | | PVC SCH 80 | I.D. 5" O.D. 5.2" |
| | | Interval | Start Stop |
| | | BOREHOLE | 200' 520' |
| | | | O.D. 10.5" |
| | | Interval | Start Stop |
| | | SEAL | 463' 474' |
| | | BENTONITE POWDER | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 474' 483.5' |
| | | 0.100 | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 483.5' 512.5' |
| | | 10/20 | |
| | | Interval | Start Stop |
| | | SCREEN | 489.5' 509.5' |
| | | PVC 80 | |
| | | | Slot Size .02" |
| | | Interval | Start Stop |
| | | PLUG BACK | 509.5' 520' |
| | | 10/20 SAND | |



Calculated Depths and Elevations

| | | |
|--------------------------------------|----------------------|-------------|
| Initial Water Elevation: | 4935.34 | |
| (FAMSL) | | |
| Initial Depth To Water: | 499.8 | |
| (FBGS) | | |
| Last measured water level was | 4931.92 | FASL |
| asured on | 11-SEP-1996 | |
| Date Updated: | Date Printed: | |
| 14-MAR-00 | 12-JAN-2004 | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------------|---------------------------------|---|
| Project Name: | TA5 SEEPAGE PITS | Geo Location: | TA5 SEEPAGE PITS |
| ER ADS #: | 1306 | Well Completion Date: | 28-FEB-1995 |
| Well Name: | TAV-MW1 | Completion Zone: | SILTY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 31-JAN-1995 | Well Comment: | WELL DEVELOPED 4/10/95 - 4/14/95. INSIDE FENCE TA-V |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR CASING HAMMER W/CENTER BI | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 509.5 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------------|---------------------------------|--|
| Project Name: | TA5 SEEPAGE PITS | Geo Location: | WEST OF TA5 (OUTSIDE FENCE) |
| ER ADS #: | 1306 | Well Completion Date: | 30-MAR-1995 |
| Well Name: | TAV-MW2 | Completion Zone: | SILTY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-MAR-1995 | Well Comment: | WELL DEVELOPED 4/11/95 - 4/14/95 WITH BAILER |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR CASING HAMMER W/CENTER BI | | |
| Borehole Depth: | 522 | | |
| Casing Depth: | 513.5 | | |

Survey Data

Survey Date: 13-APR-1995
Surveyed By: GREINER INC.

State Plane Coordinates

(X) Easting: 414145.08
(Y) Northing: 1454634.7

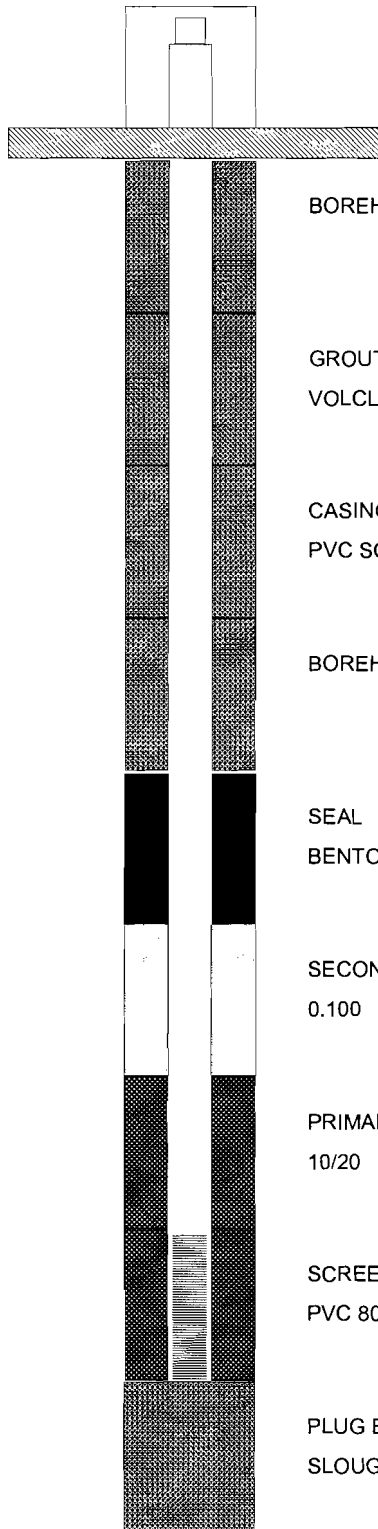
Surveyed Elevations (FAMSL)

Protective Casing: 5425.769
Top of Inner Well Casing: 5424.857
Concrete Pad: 5422.144
Ground Surface: 5421.751



Completion Data Measured Depths (FBGS)

| | |
|-----------------------------|---------------------------------|
| Casing Stickup: 3.11 | |
| Interval | Start Stop |
| BOREHOLE | 0' 150' |
| | O.D. 11.75" |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 474' |
| VOLCLAY GROUT | |
| Interval | Start Stop |
| CASING | 0' 513.5' |
| PVC SCH 80 | I.D. 5" O.D. 5.2" |
| Interval | Start Stop |
| BOREHOLE | 150' 522' |
| | O.D. 10.5" |
| Interval | Start Stop |
| SEAL | 474' 483' |
| BENTONITE POWDER | |
| Interval | Start Stop |
| SECONDARY PACK | 483' 491' |
| 0.100 | |
| Interval | Start Stop |
| PRIMARY PACK | 491' 518.3' |
| 10/20 | |
| Interval | Start Stop |
| SCREEN | 497' 513.5' |
| PVC 80 | |
| | Slot Size .02" |
| Interval | Start Stop |
| PLUG BACK | 513.5' 522' |
| SLOUGH | |



Calculated Depths and Elevations

Initial Water Elevation: 4930.201
(FAMSL)
Initial Depth To Water: 494.66
(FBGS)
Last measured water level was 4932.33 **FASL**
asured on 10-SEP-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------------------|---------------------------------|--|
| Project Name: | TA5 SEEPAGE PITS | Geo Location: | WEST OF TA5 (OUTSIDE FENCE) |
| ER ADS #: | 1306 | Well Completion Date: | 30-MAR-1995 |
| Well Name: | TAV-MW2 | Completion Zone: | SILTY SAND |
| Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 13-MAR-1995 | Well Comment: | WELL DEVELOPED 4/11/95 - 4/14/95 WITH BAILER |
| Drilling Contractor: | STEWART BROTHERS | | |
| Drilling Method: | AIR CASING HAMMER W/CENTER BI | | |
| Borehole Depth: | 522 | | |
| Casing Depth: | 513.5 | | |



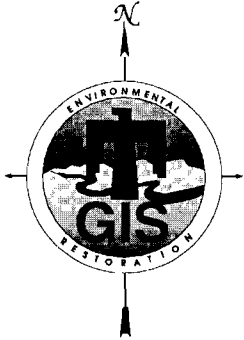
WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: TAV GROUNDWATER | Geo Location: ~850' E. OF SE CORNER OF TAV |
| ER ADS #: 1306 | Well Completion Date: 11-APR-1997 |
| Well Name: TAV-MW3 | Completion Zone: SILTY TO GRAVELLY SAND |
| Owner Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 03-APR-1997 | Well Comment: BENTONITE GROUT FLOWED APPARENTLY THROUGH THE WELL SCREEN AND FILLED ~100' OF THE BOTTOM OF THE WELL. GROUT WAS REMOVED WITH BAILER AND REPEATED SURGING AND BAILING |
| Drilling Contractor: WATER DEVELOPMENT CORP. | |
| Drilling Method: AIR ROTARY/CASING HAMMER | |
| Borehole Depth: 568 | |
| Casing Depth: 557.7 | |

| Survey Data | | | | Completion Data Measured Depths (FBGS) |
|---|----------------------------------|--|--|--|
| Survey Date: 23-MAY-1997 | | | | |
| Surveyed By: GREINER, INC. | | | | |
| | | | | |
| State Plane Coordinates | | | | Casing Stickup: 2.63 |
| (X) Easting: 416156.07 | | | | Interval Start Stop |
| (Y) Northing: 1454168.25 | | | | GROUT/BACKFILL 0' 512.5' |
| | | | | |
| <div style="background-color: black; color: white; padding: 2px; display: inline-block;">Surveyed Elevations (FAMSL)</div> | | | | |
| Protective Casing: 5462.31 | | | | Interval Start Stop |
| Top of Inner Well Casing: 5461.73 | | | | CASING 0' 557.7' |
| Concrete Pad: 5459.35 | | | | 5" SCH 80 PVC |
| Ground Surface: 5459.1 | | | | Interval Start Stop |
| | | | | |
| <div style="background-color: black; color: white; padding: 2px; display: inline-block;">Calculated Depths and Elevations</div> | | | | |
| Initial Water Elevation: 4930.87 | | | | Interval Start Stop |
| (FAMSL) | | | | SEAL 512.5' 517.5' |
| Initial Depth To Water: 528.23 | | | | BENTONITE PELLETS |
| (FBGS) | | | | Interval Start Stop |
| Last measured water level was 4930.69 FASL | | | | SECONDARY PACK 517.5' 526' |
| asured on 26-JUL-1997 | | | | 40/60 SAND |
| | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | Interval Start Stop |
| | | | | PRIMARY PACK 526' 568' |
| | | | | 10/20 SAND |
| | | | | Interval Start Stop |
| | | | | SCREEN 532' 552' |
| | | | | 5" PVC SCH 80 |
| | | | | Slot Size .02" |
| | | | | Interval Start Stop |
| | | | | SUMP 552' 557.7' |
| | | | | Interval Start Stop |
| | | | | PLUG BACK 557.7' 568' |
| | | | | 10/20 SAND |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TAV GROUNDWATER | Geo Location: | ~850' E. OF SE CORNER OF TAV |
| ER ADS #: | 1306 | Well Completion Date: | 11-APR-1997 |
| Well Name: | TAV-MW3 | Completion Zone: | SILTY TO GRAVELLY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 03-APR-1997 | Well Comment: | BENTONITE GROUT FLOWED APPARENTLY THROUGH THE WELL SCREEN AND FILLED ~100' OF THE BOTTOM OF THE WELL. GROUT WAS REMOVED |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 568 | | WITH BAILER AND REPEATED SURGING AND BAILING |
| Casing Depth: | 557.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--|
| Project Name: | TAV GROUNDWATER | Geo Location: | ~350' NORTH OF TA-V ENTRANCE |
| ER ADS #: | 1306 | Well Completion Date: | 18-APR-1997 |
| Well Name: | TAV-MW4 | Completion Zone: | SILTY TO GRAVELLY SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 14-APR-1997 | Well Comment: | NORMAL CONSTRUCTION AND COMPLETION;NO PROBLEMS ENCOUNTERED |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 528 | | |
| Casing Depth: | 520.7 | | |

Survey Data

Survey Date: 23-MAY-1997
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 414461.42
(Y) Northing: 1455521.84

Surveyed Elevations (FAMSL)

Protective Casing: 5426.07
Top of Inner Well Casing: 5425.39
Concrete Pad: 5423.35
Ground Surface: 5423



Calculated Depths and Elevations

Initial Water Elevation: 4931.95
(FAMSL)
Initial Depth To Water: 491.05
(FBGS)
Last measured water level was 4931.77 **FASL**
asured on 16-JUL-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | |
|-----------------------------|-------------------|
| Casing Stickup: 2.39 | |
| Interval | Start Stop |
| GROUT/BACKFILL | 0' 474' |
| BENTONITE GROUT | |
| Interval | Start Stop |
| CASING | 0' 520.7' |
| 5" SCH 80 PVC | |
| Interval | Start Stop |
| SEAL | 474' 479' |
| BENTONITE CHIPS | |
| Interval | Start Stop |
| SECONDARY PACK | 479' 485' |
| 40/60 SAND | |
| Interval | Start Stop |
| PRIMARY PACK | 485' 515' |
| 10/20 SAND | |
| Interval | Start Stop |
| SCREEN | 495' 515' |
| 5" PVC SCH 80 | |
| Slot Size | .02" |
| Interval | Start Stop |
| SUMP | 515' 520.7' |
| Interval | Start Stop |
| PLUG BACK | 520.7' 528' |
| 10/20 SAND | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--|
| Project Name: | TAV GROUNDWATER | Geo Location: | ~350' NORTH OF TA-V ENTRANCE |
| ER ADS #: | 1306 | Well Completion Date: | 18-APR-1997 |
| Well Name: | TAV-MW4 | Completion Zone: | SILTY TO GRAVELLY SAND |
| Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 14-APR-1997 | Well Comment: | NORMAL CONSTRUCTION AND COMPLETION;NO PROBLEMS ENCOUNTERED |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 528 | | |
| Casing Depth: | 520.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TA-V GROUND WATER | Geo Location: | JUST NORTH OF TA-III FENCE |
| ER ADS #: | 1306 | Well Completion Date: | 26-APR-1997 |
| Well Name: | TAV-MW5 | Completion Zone: | SILTY AND GRAVELLY SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-APR-1997 | Well Comment: | NORMAL CONSTRUCTION AND COMPLETION;NO PROBLEMS ENCOUNTERED. HEAVING FINE SAND AT TOTAL DEPTH. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 517 | | |
| Casing Depth: | 512.7 | | |

Survey Data

Survey Date: 23-MAY-1997
Surveyed By: GREINER INC.

State Plane Coordinates

(X) Easting: 413141.76
(Y) Northing: 1455269.73

Surveyed Elevations (FAMSL)

Protective Casing: 5406.84
Top of Inner Well Casing: 5406.2
Concrete Pad: 5404.17
Ground Surface: 5403.9

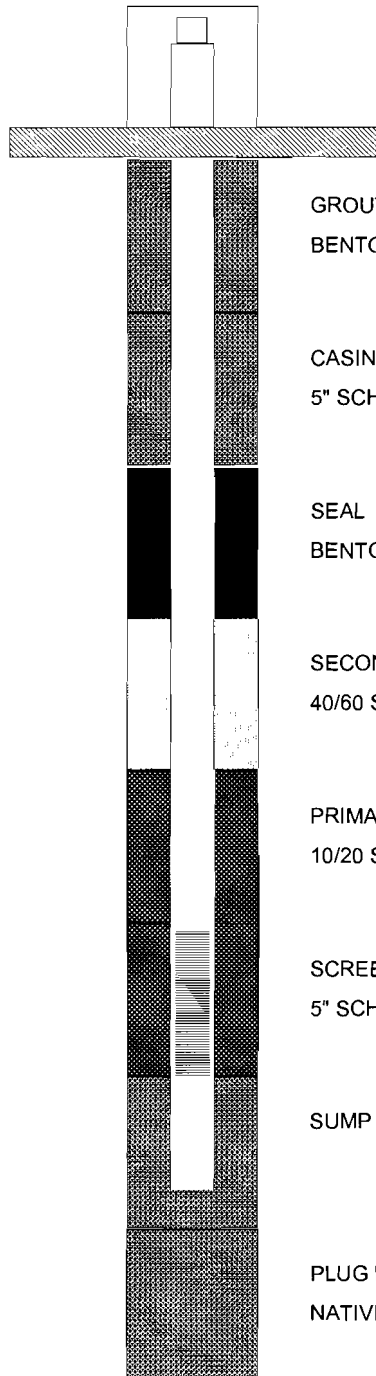


Calculated Depths and Elevations

Initial Water Elevation: 4928.19
(FAMSL)
Initial Depth To Water: 475.71
(FBGS)
Last measured water level was 4927.96 **FASL**
asured on 26-JUL-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



| | | | |
|------------------------|--------------|-------------|--|
| Casing Stickup: | 2.3 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 463' | |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 512.7' | |
| 5" SCH 80 PVC | | | |
| Interval | Start | Stop | |
| SEAL | 463' | 468' | |
| BENTONITE CHIPS | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 468' | 474' | |
| 40/60 SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 474' | 512.7' | |
| 10/20 SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 487' | 507' | |
| 5" SCH 80 PVC | | | |
| Interval | Start | Stop | |
| SUMP | 507' | 512.7' | |
| Interval | Start | Stop | |
| PLUG BACK | 512.7' | 517' | |
| NATIVE SAND | | | |

Slot Size .02"

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TA-V GROUND WATER | Geo Location: | JUST NORTH OF TA-III FENCE |
| ER ADS #: | 1306 | Well Completion Date: | 26-APR-1997 |
| Well Name: | TAV-MW5 | Completion Zone: | SILTY AND GRAVELLY SAND |
| Well Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-APR-1997 | Well Comment: | NORMAL CONSTRUCTION AND COMPLETION;NO PROBLEMS ENCOUNTERED. HEAVING FINE SAND AT TOTAL DEPTH. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 517 | | |
| Casing Depth: | 512.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | ER SITE 5, INSIDE TA-V |
| ER ADS #: | 1306 | Well Completion Date: | 24-APR-2001 |
| Well Name: | TAV-MW6 | Completion Zone: | UPPER SANTA FE GROUP |
| Well ID: | SNL | Formation of Completion: | SILTY SAND, SAND |
| Date Drilling Started: | 17-APR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTS & SANDS. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | AIR ROTARY CASING HAMMER-ARC | | |
| Borehole Depth: | 534 | | |
| Casing Depth: | 532 | | |

Survey Data

Survey Date: 19-JUN-2001
Surveyed By: VLADIMIR VIRIK - ASCI

State Plane Coordinates

(X) Easting: 414637.21
(Y) Northing: 1454940.06

Surveyed Elevations (FAMSL)

Protective Casing: 5429.11
Top of Inner Well Casing: 5428.74
Concrete Pad: 5429.07
Ground Surface: 5429



Calculated Depths and Elevations

Initial Water Elevation: 4929.02
(FAMSL)
Initial Depth To Water: 499.72
(FBGS)

Last measured water level was **FASL**
measured on

Date Updated: 02-MAY-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: -.26

| Interval | Start | Stop |
|-----------------|---------|-----------|
| CASING | 0' | 532' |
| SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" |

| Interval | Start | Stop |
|----------|-------|-------------|
| BOREHOLE | 0' | 534' |
| | | O.D. 9.625" |

| Interval | Start | Stop |
|-----------------------------------|-------|------|
| GROUT/BACKFILL BENTONITE GROUT | 2' | 492' |

| Interval | Start | Stop |
|------------------------------|-------|------|
| SEAL 3/8" BENTONITE CHIPS | 492' | 498' |

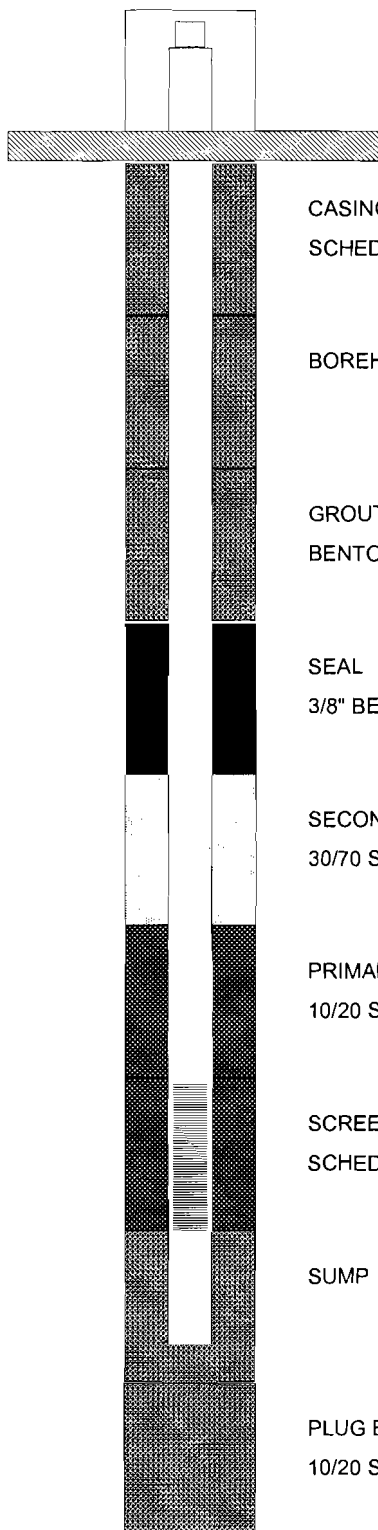
| Interval | Start | Stop |
|------------------------------|-------|------|
| SECONDARY PACK 30/70 SAND | 498' | 502' |

| Interval | Start | Stop |
|----------------------------|-------|------|
| PRIMARY PACK 10/20 SAND | 502' | 534' |

| Interval | Start | Stop |
|---------------------------|-------|------|
| SCREEN SCHEDULE 80 PVC | 507' | 527' |

| Interval | Start | Stop | Slot Size |
|----------|-------|------|-----------|
| SUMP | 527' | 532' | .02" |

| Interval | Start | Stop |
|-------------------------|-------|------|
| PLUG BACK 10/20 SAND | 532' | 534' |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | ER SITE 5, INSIDE TA-V |
| ER ADS #: | 1306 | Well Completion Date: | 24-APR-2001 |
| Well Name: | TAV-MW6 | Completion Zone: | UPPER SANTA FE GROUP |
| Well Owner Name: | SNL | Formation of Completion: | SILTY SAND, SAND |
| Date Drilling Started: | 17-APR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTS & SANDS. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | AIR ROTARY CASING HAMMER-ARC | | |
| Borehole Depth: | 534 | | |
| Casing Depth: | 532 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | ER SITE 5, INSIDE TA-V |
| ER ADS #: | 1306 | Well Completion Date: | 06-APR-2001 |
| Well Name: | TAV-MW7 | Completion Zone: | UPPER SANTA FE GROUP |
| Well Owner Name: | SNL | Formation of Completion: | SILTY SAND, SAND |
| Date Drilling Started: | 24-MAR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTS & SANDS. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 644 | | |
| Casing Depth: | 622 | | |

Survey Data

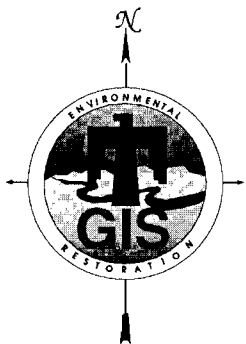
Survey Date: 19-JUN-2001
Surveyed By: VLADIMIR VIRIK - ASCI

State Plane Coordinates

(X) Easting: 414619.96
(Y) Northing: 1454940.06

Surveyed Elevations (FAMSL)

Protective Casing: 5428.39
Top of Inner Well Casing: 5428
Concrete Pad: 5428.39
Ground Surface: 5428.28



Calculated Depths and Elevations

Initial Water Elevation: 4926.5
(FAMSL)
Initial Depth To Water: 501.5
(FBGS)

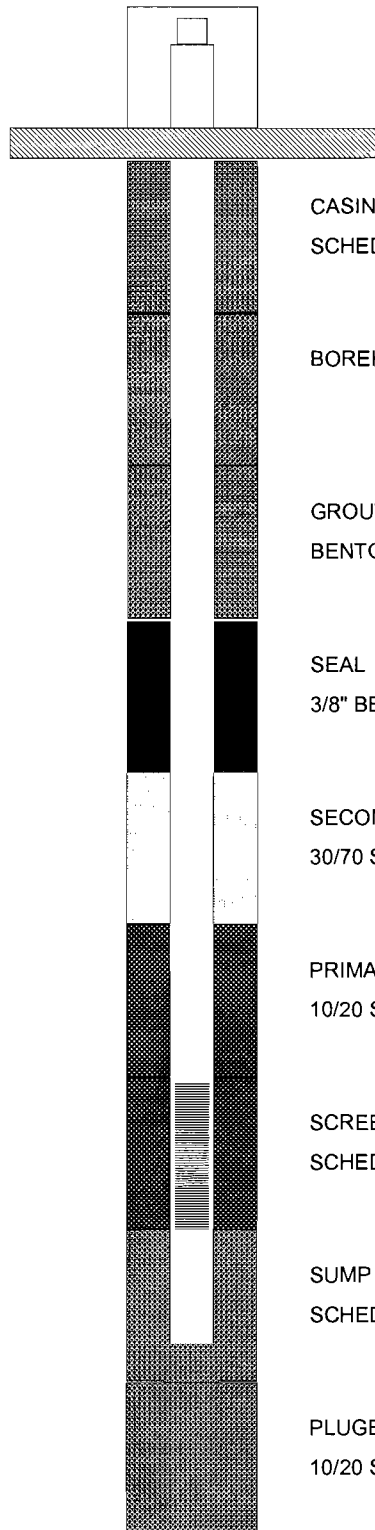
Last measured water level was **FASL**
measured on

Date Updated: 02-MAY-02
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: -.28

| Interval | Start | Stop |
|----------------------|------------------|-------------|
| CASING | 0' | 622' |
| SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 644' |
| | | O.D. 11" |
| Interval | Start | Stop |
| GROUT/BACKFILL | 2' | 569' |
| BENTONITE GROUT | | |
| Interval | Start | Stop |
| SEAL | 569' | 586.5' |
| 3/8" BENTONITE CHIPS | | |
| Interval | Start | Stop |
| SECONDARY PACK | 586.5' | 589' |
| 30/70 SILICA SAND | | |
| Interval | Start | Stop |
| PRIMARY PACK | 589' | 644' |
| 10/20 SILICA SAND | | |
| Interval | Start | Stop |
| SCREEN | 597' | 617' |
| SCHEDULE 80 PVC | | |
| | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 617' | 622' |
| SCHEDULE 80 PVC | | |
| Interval | Start | Stop |
| PLUGBACK | 622' | 644' |
| 10/20 SAND | | |



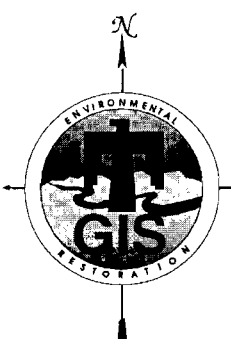

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | ER SITE 5, INSIDE TA-V |
| ER ADS #: | 1306 | Well Completion Date: | 06-APR-2001 |
| Well Name: | TAV-MW7 | Completion Zone: | UPPER SANTA FE GROUP |
| Well ID Name: | SNL | Formation of Completion: | SILTY SAND, SAND |
| Date Drilling Started: | 24-MAR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTS & SANDS. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 644 | | |
| Casing Depth: | 622 | | |



WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: TA-V MONITOR WELLS | Geo Location: PARKING LOT N. OF BLDG 6585 |
| ER ADS #: 1306 | Well Completion Date: 11-APR-2001 |
| Well Name: TAV-MW8 | Completion Zone: UPPER SANTA FE GROUP |
| Owner Name: SNL | Formation of Completion: SILTY SAND, SAND |
| Date Drilling Started: 08-APR-2001 | Well Comment: SCREEN INSTALLED IN RELATIVELY TIGHT SILTY SAND & SAND. |
| Drilling Contractor: WDC EXPLORATION | |
| Drilling Method: AIR ROTARY/CASING HAMMER-ARC | |
| Borehole Depth: 525 | |
| Casing Depth: 516 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------|-------|------|--------|----|------|-----------------|---------|-----------|----------|-------|------|----------|----|------|--|--|-------------|----------|-------|------|----------------|----|------|---------------------|--|--|----------|-------|------|------|------|------|----------------------|--|--|----------|-------|------|----------------|------|------|-------------------|--|--|----------|-------|------|--------------|------|------|-------------------|--|--|----------|-------|------|--------|------|------|-----------------|--|--|--|--|----------------|----------|-------|------|------|------|------|----------|-------|------|-----------|------|------|------------|--|--|
| Survey Date: 19-JUN-2001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: VLADIMIR VIRIK-ASCI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 413962.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1455137.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: 5414.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5414.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5414.95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5414.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | Casing Stickup: -.33 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>CASING</td> <td>0'</td> <td>516'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td>I.D. 5"</td> <td>O.D. 5.5"</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>BOREHOLE</td> <td>0'</td> <td>525'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 9.625"</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>GROUT/BACKFILL</td> <td>2'</td> <td>471'</td> </tr> <tr> <td>BENTONITE - VOLCLAY</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SEAL</td> <td>471'</td> <td>477'</td> </tr> <tr> <td>3/8" BENTONITE CHIPS</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SECONDARY PACK</td> <td>477'</td> <td>482'</td> </tr> <tr> <td>30/70 SILICA SAND</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>PRIMARY PACK</td> <td>482'</td> <td>516'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SCREEN</td> <td>491'</td> <td>511'</td> </tr> <tr> <td>SCHEDULE 80 PVC</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Slot Size .02"</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>SUMP</td> <td>511'</td> <td>516'</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Interval</th> <th>Start</th> <th>Stop</th> </tr> </thead> <tbody> <tr> <td>PLUG BACK</td> <td>516'</td> <td>525'</td> </tr> <tr> <td>10/20 SAND</td> <td></td> <td></td> </tr> </tbody> </table> | Interval | Start | Stop | CASING | 0' | 516' | SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" | Interval | Start | Stop | BOREHOLE | 0' | 525' | | | O.D. 9.625" | Interval | Start | Stop | GROUT/BACKFILL | 2' | 471' | BENTONITE - VOLCLAY | | | Interval | Start | Stop | SEAL | 471' | 477' | 3/8" BENTONITE CHIPS | | | Interval | Start | Stop | SECONDARY PACK | 477' | 482' | 30/70 SILICA SAND | | | Interval | Start | Stop | PRIMARY PACK | 482' | 516' | 10/20 SILICA SAND | | | Interval | Start | Stop | SCREEN | 491' | 511' | SCHEDULE 80 PVC | | | | | Slot Size .02" | Interval | Start | Stop | SUMP | 511' | 516' | Interval | Start | Stop | PLUG BACK | 516' | 525' | 10/20 SAND | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 516' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 525' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 2' | 471' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE - VOLCLAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 471' | 477' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/8" BENTONITE CHIPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 477' | 482' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/70 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 482' | 516' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 491' | 511' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCHEDULE 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Slot Size .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 511' | 516' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 516' | 525' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Calculated Depths and Elevations | |
|---|-------------|
| Initial Water Elevation: (FAMSL) | 4925.65 |
| Initial Depth To Water: (FBGS) | 488.9 |
| Last measured water level was | FASL |
| asured on | |

Date Updated: 02-MAY-02

Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|------------------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | PARKING LOT N. OF BLDG 6585 |
| ER ADS #: | 1306 | Well Completion Date: | 11-APR-2001 |
| Well Name: | TAV-MW8 | Completion Zone: | UPPER SANTA FE GROUP |
| Well Name: | SNL | Formation of Completion: | SILTY SAND, SAND |
| Date Drilling Started: | 08-APR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTY SAND & SAND. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER-ARC | | |
| Borehole Depth: | 525 | | |
| Casing Depth: | 516 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | PARKING LOT N. OF BLDG. 6585 |
| ER ADS #: | 1306 | Well Completion Date: | 17-MAR-2001 |
| Well Name: | TAV-MW9 | Completion Zone: | UPPER SANTA FE GROUP |
| Well ID Name: | SNL | Formation of Completion: | SILTY SANDS |
| Date Drilling Started: | 09-MAR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTS & SANDS. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 617 | | |
| Casing Depth: | 607 | | |

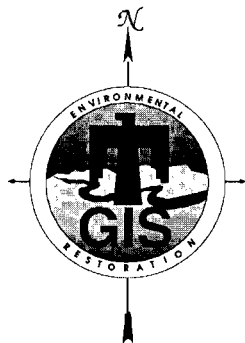
| Survey Data | | Completion Data Measured Depths (FBGS) | |
|----------------------------------|-----------------------|--|-------------------|
| Survey Date: | 19-JUN-2001 | Casing Stickup: | -.42 |
| Surveyed By: | VLADIMIR VIRIK - ASCI | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 413922.29 | CASING | 0' 607' |
| (Y) Northing: | 1455154.15 | SCHEDULE 80 PVC | I.D. 5" O.D. 5.5" |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5414.34 | BOREHOLE | 0' 617' |
| Top of Inner Well Casing: | 5413.83 | | O.D. 11" |
| Concrete Pad: | 5414.35 | Interval | Start Stop |
| Ground Surface: | 5414.25 | GROUT/BACKFILL | 2' 545' |
| | | BENTONITE GROUT | |
| | | Interval | Start Stop |
| | | SEAL | 545' 554' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 554' 558' |
| | | 30/70 SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 558' 617' |
| | | 10/20 SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 582' 602' |
| | | SCHEDULE 80 PVC | |
| | | Interval | Start Stop |
| | | SUMP | 602' 607' |
| | | | Slot Size .02" |
| | | Interval | Start Stop |
| | | PLUG BACK | 607' 617' |
| | | 10/20 SAND | |



| Calculated Depths and Elevations | |
|--------------------------------------|----------------------|
| Initial Water Elevation: | 4992.33 |
| (FAMSL) | |
| Initial Depth To Water: | 421.5 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 02-MAY-02 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------|---------------------------------|---|
| Project Name: | TA-V MONITOR WELLS | Geo Location: | PARKING LOT N. OF BLDG. 6585 |
| ER ADS #: | 1306 | Well Completion Date: | 17-MAR-2001 |
| Well Name: | TAV-MW9 | Completion Zone: | UPPER SANTA FE GROUP |
| Operator Name: | SNL | Formation of Completion: | SILTY SANDS |
| Date Drilling Started: | 09-MAR-2001 | Well Comment: | SCREEN INSTALLED IN RELATIVELY TIGHT SILTS & SANDS. |
| Drilling Contractor: | WDC EXPLORATION | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 617 | | |
| Casing Depth: | 607 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--------------------------------------|
| Project Name: | SWHC | Geo Location: | TIJERAS ARROYO |
| ER ADS #: | 1330 | Well Completion Date: | 12-JUL-1994 |
| Well Name: | TJA-2 | Completion Zone: | GRAVELLY SAND |
| Well ID Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-JUL-1994 | Well Comment: | THIS WELL REPLACES FAILED WELL TJA-1 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 310 | | |
| Casing Depth: | 305 | | |

Survey Data

Survey Date: 01-JAN-1997
Surveyed By: HALL ENGINEERING COMPANY

State Plane Coordinates

(X) Easting: 415343.11
(Y) Northing: 1468620.36

Surveyed Elevations (FAMSL)

Protective Casing: 5351.603
Top of Inner Well Casing: 5350.533
Concrete Pad: 5348.825
Ground Surface: 5348.579



Calculated Depths and Elevations

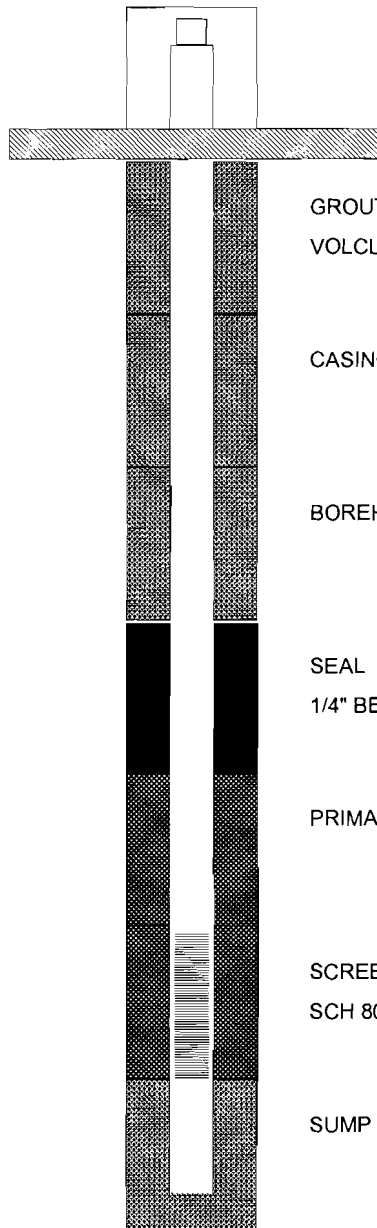
Initial Water Elevation: 5078.53
(FAMSL)
Initial Depth To Water: 274
(FBGS)

Last measured water level was **FASL**
asured on 25-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | |
|-------------------|-----------|--------|------------|
| Casing Stickup: | 1.84 | | |
| Interval | Start | Stop | |
| BACKFILL | | 0' | 248' |
| CLAY BENT. SLURRY | | | |
| Interval | Start | Stop | |
| | | 0' | 305' |
| | I.D. | 3.82 " | O.D. 4.5 " |
| Interval | Start | Stop | |
| SOLE | | 0' | 310' |
| | | O.D. | 7.875 " |
| Interval | Start | Stop | |
| | | 248' | 263' |
| CLAY PELLETS | | | |
| Interval | Start | Stop | |
| CLAY PACK | | 263' | 310' |
| Interval | Start | Stop | |
| | | 275' | 295' |
| PVC | | | |
| | Slot Size | .02 " | |
| Interval | Start | Stop | |
| | | 295' | 305' |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--------------------------------------|
| Project Name: | SWHC | Geo Location: | TIJERAS ARROYO |
| ER ADS #: | 1330 | Well Completion Date: | 12-JUL-1994 |
| Well Name: | TJA-2 | Completion Zone: | GRAVELLY SAND |
| Well Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 09-JUL-1994 | Well Comment: | THIS WELL REPLACES FAILED WELL TJA-1 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 310 | | |
| Casing Depth: | 305 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | E. OF SKEET RANGE, W. OF TA-IV |
| ER ADS #: | 1303 | Well Completion Date: | 31-AUG-1998 |
| Well Name: | TJA-3 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 14-AUG-1998 | Well Comment: | WELL DEVELOPED 04-DEC-98. NO PROBLEMS ENCOUNTERED DURING WELL INSTALLATION. PROTECTIVE CASING EXTENDED 2/16/99. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 522 | | |
| Casing Depth: | 521.7 | | |

Survey Data

Survey Date: 15-JAN-1999
Surveyed By: BOHANNAN HUSTON, INC.

State Plane Coordinates

(X) Easting: 411705.936
(Y) Northing: 1467501.549

Surveyed Elevations (FAMSL)

Protective Casing: 5388.62
Top of Inner Well Casing: 5387.89
Concrete Pad: 5385.32
Ground Surface: 5385.07



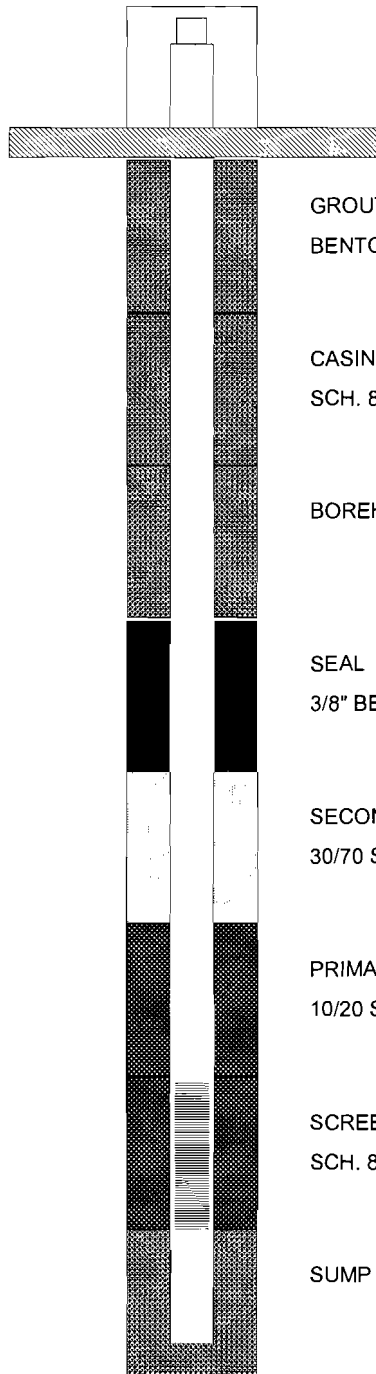
Calculated Depths and Elevations

Initial Water Elevation: 4892.64
(FAMSL)
Initial Depth To Water: 495.25
(FBGS)

Last measured water level was **FASL**
asured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)



| | | | |
|------------------------|--------------|------------------|------|
| Casing Stickup: | 3.01 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 480' | |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 521.7' | |
| SCH. 80 PVC | I.D. 5" | O.D. 5.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 522' | |
| | | O.D. 9.625" | |
| Interval | Start | Stop | |
| SEAL | 480' | 484' | |
| 3/8" BENTONITE PELL | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 484' | 492' | |
| 30/70 SILICA SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 492' | 521' | |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 496' | 516' | |
| SCH. 80 PVC | | | |
| | | Slot Size | .02" |
| Interval | Start | Stop | |
| SUMP | 516' | 521.7' | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | E. OF SKEET RANGE, W. OF TA-IV |
| ER ADS #: | 1303 | Well Completion Date: | 31-AUG-1998 |
| Well Name: | TJA-3 | Completion Zone: | SAND AND GRAVEL |
| Well Owner Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 14-AUG-1998 | Well Comment: | WELL DEVELOPED 04-DEC-98. NO PROBLEMS ENCOUNTERED DURING WELL INSTALLATION. PROTECTIVE CASING EXTENDED 2/16/99. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 522 | | |
| Casing Depth: | 521.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|--|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | W. OF POWERLINE RD. S.SIDE TJ |
| ER ADS #: | 1303 | Well Completion Date: | 04-AUG-1998 |
| Well Name: | TJA-4 | Completion Zone: | SILTY GRAVELLY SAND |
| Well ID Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-JUL-1998 | Well Comment: | WELL DEVELOPED 01-DEC-98 NO PROBLEMS WITH WELL INSTALLATION. PROTECTIVE CASING EXTENDED 2/16/99. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 399 | | |
| Casing Depth: | 385.7 | | |

Survey Data

Survey Date: 15-JAN-1999
 Surveyed By: BOHANNAN HUSTON INC.

State Plane Coordinates

(X) Easting: 415135.481
 (Y) Northing: 1467154.123

Surveyed Elevations (FAMSL)

Protective Casing: 5339.31
 Top of Inner Well Casing: 5338.49
 Concrete Pad: 5335.9
 Ground Surface: 5335.8



Calculated Depths and Elevations

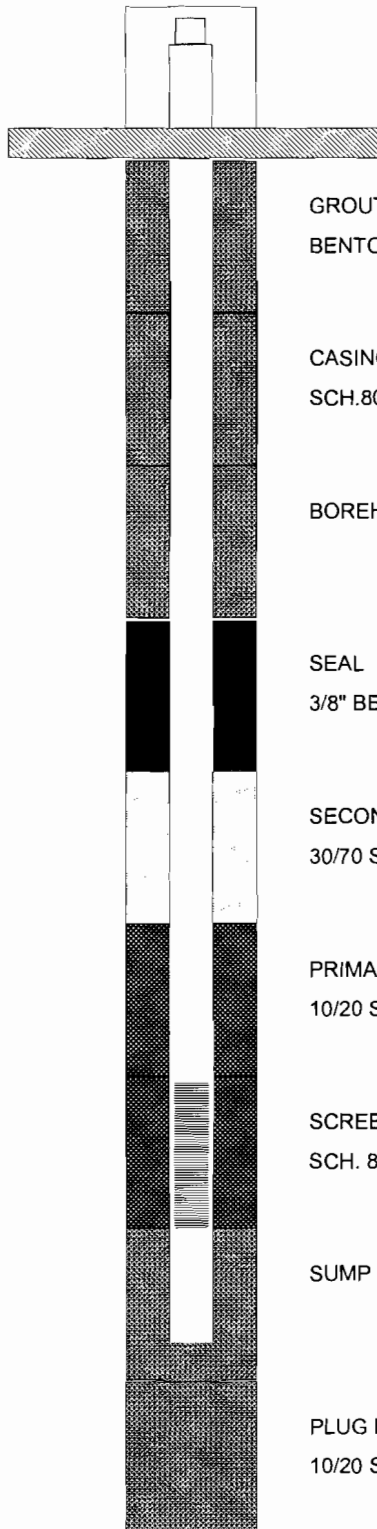
Initial Water Elevation: 5023.64
 (FAMSL)
 Initial Depth To Water: 314.9
 (FBGS)

Last measured water level was FASL
 asured on

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

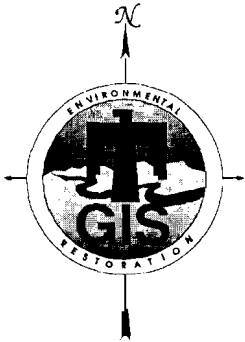
Completion Data Measured Depths (FBGS)

| | | | |
|---------------------|-----------|--------|-----------|
| Casing Stickup: | | 2.86 | |
| Interval | Start | Stop | |
| BACKFILL | | 0' | 345' |
| BENTONITE GROUT | | | |
| Interval | Start | Stop | |
| | | 0' | 385.7' |
| SCH.80 PVC | I.D. | 5" | O.D. 5.5" |
| Interval | Start | Stop | |
| BOREHOLE | | 0' | 399' |
| | | O.D. | 9.625" |
| Interval | Start | Stop | |
| | | 345' | 350' |
| 3/8" BENTONITE PELL | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | | 350' | 354.5' |
| 30/70 SILICA SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | | 354.5' | 399' |
| 10/20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | | 360' | 380' |
| SCH. 80 PVC | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | | 380' | 385.7' |
| Interval | Start | Stop | |
| PLUG BACK | | 385.7' | 399' |
| 10/20 SILICA SAND | | | |




WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|--------------------------|--------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | W. OF POWERLINE RD. S.SIDE TJ |
| IR ADS #: | 1303 | Well Completion Date: | 04-AUG-1998 |
| Well Name: | TJA-4 | Completion Zone: | SILTY GRAVELLY SAND |
| Driller Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 28-JUL-1998 | Well Comment: | WELL DEVELOPED 01-DEC-98 NO PROBLEMS WITH WELL INSTALLATION. PROTECTIVE CASING EXTENDED 2/16/99. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 399 | | |
| Casing Depth: | 385.7 | | |



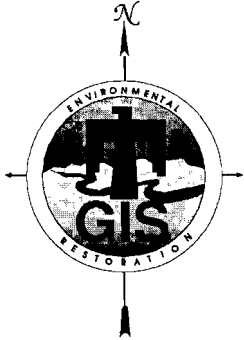
WELL DATABASE SUMMARY SHEET

| | |
|---|---|
| Project Name: TIJERAS ARROYO GW | Geo Location: W. OF POWERLINE RD. S.SIDE TJA |
| ER ADS #: 1303 | Well Completion Date: 07-AUG-1998 |
| Well Name: TJA-5 | Completion Zone: SAND AND GRAVEL |
| Driller Name: SNL/NM | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 05-AUG-1998 | Well Comment: WELL DEVELOPED 02-DEC-98. NO PROBLEMS ENCOUNTERED DURING WELL INSTALLATION. PROTECTIVE CASING EXTENDED 2/16/99 |
| Drilling Contractor: WATER DEVELOPMENT CORP. | |
| Drilling Method: AIR ROTARY/CASING HAMMER | |
| Borehole Depth: 298 | |
| Casing Depth: 292.7 | |

| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------------|---|----------|-------|------|----------------|----|------|-----------------|--|--|----------|-------|------|--------|----|--------|-------------|---------|-----------|----------|-------|------|----------|----|------|--|--|-------------|----------|-------|------|------|------|------|---------------------|--|--|----------|-------|------|----------------|------|------|-------------------|--|--|----------|-------|------|--------------|------|------|-------------------|--|--|----------|-------|------|--------|------|------|-------------|--|--|--|-----------|------|----------|-------|------|------|------|--------|----------|-------|------|-----------|--------|------|-------------------|--|--|
| Survey Date: 15-JAN-1999 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed By: BOHANNAN HUSTON, INC. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Plane Coordinates | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (X) Easting: 415129.026 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Y) Northing: 1467136.269 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protective Casing: 5339.56 | | Casing Stickup: 3.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Top of Inner Well Casing: 5338.66 | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Interval</th> <th style="width: 30%;">Start</th> <th style="width: 30%;">Stop</th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>249'</td> </tr> <tr> <td>BENTONITE GROUT</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>CASING</td> <td>0'</td> <td>292.7'</td> </tr> <tr> <td>SCH. 80 PVC</td> <td>I.D. 5"</td> <td>O.D. 5.5"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>298'</td> </tr> <tr> <td></td> <td></td> <td>O.D. 9.625"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SEAL</td> <td>249'</td> <td>254'</td> </tr> <tr> <td>3/8" BENTONITE PELL</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SECONDARY PACK</td> <td>254'</td> <td>257'</td> </tr> <tr> <td>30/70 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PRIMARY PACK</td> <td>257'</td> <td>298'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SCREEN</td> <td>267'</td> <td>287'</td> </tr> <tr> <td>SCH. 80 PVC</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Slot Size</td> <td>.02"</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>SUMP</td> <td>287'</td> <td>292.7'</td> </tr> <tr> <td>Interval</td> <td>Start</td> <td>Stop</td> </tr> <tr> <td>PLUG BACK</td> <td>292.7'</td> <td>298'</td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | GROUT/BACKFILL | 0' | 249' | BENTONITE GROUT | | | Interval | Start | Stop | CASING | 0' | 292.7' | SCH. 80 PVC | I.D. 5" | O.D. 5.5" | Interval | Start | Stop | BOREHOLE | 0' | 298' | | | O.D. 9.625" | Interval | Start | Stop | SEAL | 249' | 254' | 3/8" BENTONITE PELL | | | Interval | Start | Stop | SECONDARY PACK | 254' | 257' | 30/70 SILICA SAND | | | Interval | Start | Stop | PRIMARY PACK | 257' | 298' | 10/20 SILICA SAND | | | Interval | Start | Stop | SCREEN | 267' | 287' | SCH. 80 PVC | | | | Slot Size | .02" | Interval | Start | Stop | SUMP | 287' | 292.7' | Interval | Start | Stop | PLUG BACK | 292.7' | 298' | 10/20 SILICA SAND | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GROUT/BACKFILL | 0' | 249' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BENTONITE GROUT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING | 0' | 292.7' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH. 80 PVC | I.D. 5" | O.D. 5.5" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOREHOLE | 0' | 298' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | O.D. 9.625" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SEAL | 249' | 254' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3/8" BENTONITE PELL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECONDARY PACK | 254' | 257' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/70 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRIMARY PACK | 257' | 298' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCREEN | 267' | 287' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCH. 80 PVC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Slot Size | .02" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUMP | 287' | 292.7' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLUG BACK | 292.7' | 298' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Concrete Pad: 5335.943 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ground Surface: 5335.77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculated Depths and Elevations | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Water Elevation: 5070.99 (FAMSL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Initial Depth To Water: 267.8 (FBGS) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Last measured water level was _____ FBGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| asured on _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Updated: 14-MAR-00 | Date Printed: 12-JAN-2004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|--------------------------|---------------------------------|--|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | W. OF POWERLINE RD. S.SIDE TJA |
| ER ADS #: | 1303 | Well Completion Date: | 07-AUG-1998 |
| Well Name: | TJA-5 | Completion Zone: | SAND AND GRAVEL |
| Well ID Name: | SNL/NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 05-AUG-1998 | Well Comment: | WELL DEVELOPED 02-DEC-98. NO PROBLEMS ENCOUNTERED DURING WELL INSTALLATION. PROTECTIVE CASING EXTENDED 2/16/99 |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | AIR ROTARY/CASING HAMMER | | |
| Borehole Depth: | 298 | | |
| Casing Depth: | 292.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | S. OF TA IV, N OF TIJERAS ARYO |
| ER ADS #: | 1303 | Well Completion Date: | 04-FEB-2001 |
| Well Name: | TJA-6 | Completion Zone: | SILTY SAND |
| Well ID Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 16-JAN-2001 | Well Comment: | ODEX 0-245' ROTARY MUD 245-300' 245-500' 8" TRICONE |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX & ROTARY MUD | | |
| Borehole Depth: | 503 | | |
| Casing Depth: | 480.7 | | |

Survey Data

Survey Date: 19-JUN-2001
Surveyed By: ASCI, VLADIMIR JIRIK

State Plane Coordinates

(X) Easting: 412434.41
(Y) Northing: 1466976.14

Surveyed Elevations (FAMSL)

Protective Casing: 5341.11
Top of Inner Well Casing: 5340.49
Concrete Pad: 5338.28
Ground Surface: 5337.9



Calculated Depths and Elevations

Initial Water Elevation: 4926.9
(FAMSL)
Initial Depth To Water: 450.5
(FBGS)
Last measured water level was **FASL**
asured on

Date Updated: 18-APR-01
Date Printed: 12-JAN-2004

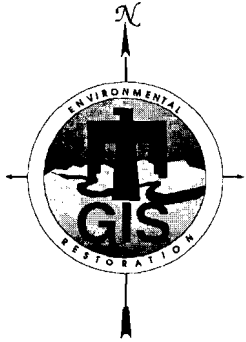
Completion Data Measured Depths (FBGS)

| | | | |
|------------------------|------------------|-------------|--|
| Casing Stickup: | 2.5 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 441' | |
| VOLCLAY GROUT | | | |
| Interval | Start | Stop | |
| CASING | 0' | 480.7' | |
| SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 503' | |
| | | O.D. 10" | |
| Interval | Start | Stop | |
| SEAL | 441' | 446.5' | |
| 1/4" BENTONITE PELTS | | | |
| Interval | Start | Stop | |
| SECONDARY PACK | 446.5' | 451' | |
| 20-40 SILICA SAND | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 451' | 480.7' | |
| 10-20 SILICA SAND | | | |
| Interval | Start | Stop | |
| SCREEN | 454.9' | 474.9' | |
| SCHEDULE 80 PVC | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 474.9' | 480.7' | |
| Interval | Start | Stop | |
| PLUG BACK | 480.7' | 503' | |
| 10-20 SILICA SAND | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|---|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | S. OF TA IV, N OF TIJERAS ARYO |
| ER ADS #: | 1303 | Well Completion Date: | 04-FEB-2001 |
| Well Name: | TJA-6 | Completion Zone: | SILTY SAND |
| Well Owner Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 16-JAN-2001 | Well Comment: | ODEX 0-245' ROTARY MUD 245-300' 245-500' 8" TRICONE |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX & ROTARY MUD | | |
| Borehole Depth: | 503 | | |
| Casing Depth: | 480.7 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------------|---------------------------------|--------------------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | SW OF TA IV, N OF TIJERAS ARYO |
| ER ADS #: | 1303 | Well Completion Date: | 07-MAR-2001 |
| Well Name: | TJA-7 | Completion Zone: | SILTY SAND / CLAYEY SILT |
| Well ID Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 03-MAR-2001 | Well Comment: | PERCHED AQUIFER WELL |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 316 | | |
| Casing Depth: | 316.3 | | |

Survey Data

Survey Date: 19-JUN-2001
Surveyed By: ASCI, VLADIMIR JIRIK

State Plane Coordinates

(X) Easting: 411737.38
(Y) Northing: 1467543.6

Surveyed Elevations (FAMSL)

Protective Casing: 5389.18
Top of Inner Well Casing: 5388.6
Concrete Pad: 5386.06
Ground Surface: 5385.7



Calculated Depths and Elevations

Initial Water Elevation: 5087
(FAMSL)
Initial Depth To Water: 298.7
(FBGS)

Last measured water level was
asured on

FASL

Date Updated: 18-APR-01
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 3

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 275.5' |
| VOLCLAY GROUT | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| BOREHOLE | 0' | 316' |
| | O.D. | 8" |

| | | |
|-----------------|----------------|------------------|
| Interval | Start | Stop |
| CASING | 0' | 316.3' |
| SCHEDULE 80 PVC | I.D. 5" | O.D. 5.5" |

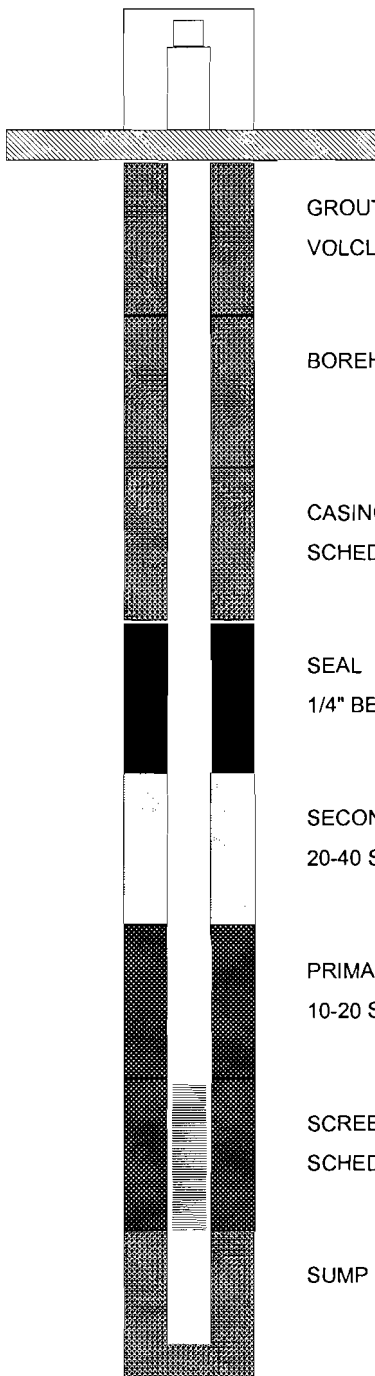
| | | |
|----------------------|--------------|-------------|
| Interval | Start | Stop |
| SEAL | 275.5' | 282' |
| 1/4" BENTONITE PELTS | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SECONDARY PACK | 282' | 283' |
| 20-40 SAND | | |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| PRIMARY PACK | 283' | 316.3' |
| 10-20 SAND | | |

| | | |
|-----------------|------------------|-------------|
| Interval | Start | Stop |
| SCREEN | 290.5' | 310.5' |
| SCHEDULE 80 PVC | | |
| | Slot Size | .02" |

| | | |
|-----------------|--------------|-------------|
| Interval | Start | Stop |
| SUMP | 310.5' | 316.3' |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------------|--------------------------|--------------------------------|
| Project Name: | TIJERAS ARROYO GW | Geo Location: | SW OF TA IV, N OF TIJERAS ARYO |
| ER ADS #: | 1303 | Well Completion Date: | 07-MAR-2001 |
| Well Name: | TJA-7 | Completion Zone: | SILTY SAND / CLAYEY SILT |
| Well ID Name: | SNL-NM | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 03-MAR-2001 | Well Comment: | PERCHED AQUIFER WELL |
| Drilling Contractor: | LAYNE | | |
| Drilling Method: | ODEX | | |
| Borehole Depth: | 316 | | |
| Casing Depth: | 316.3 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SW. OF SOLAR TOWER |
| ER ADS #: | 1330 | Well Completion Date: | 31-JUL-1995 |
| Well Name: | TRE-1 | Completion Zone: | |
| Operator Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 13-JUL-1995 | Well Comment: | DUAL COMPLETION WITH TRE-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 600 | | |
| Casing Depth: | 305 | | |

Survey Data

Survey Date: 06-SEP-1995
 Surveyed By: GREINER INC

State Plane Coordinates

(X) Easting: 418296.449
 (Y) Northing: 1440327.53

Surveyed Elevations (FAMSL)

Protective Casing: 5495.31
 Top of Inner Well Casing: 5494.58
 Concrete Pad: 5492.76
 Ground Surface: 5492.482



Calculated Depths and Elevations

Initial Water Elevation: 5318.08
 (FAMSL)
 Initial Depth To Water: 176.5
 (FBGS)

Last measured water level was FASL
 asured on 25-SEP-1997

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup: 2.1

| | | |
|----------------|-------|------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 107' |
| VOLCLAY SLURRY | | |

| | | |
|-----------------|------------|---------|
| Interval | Start | Stop |
| CASING | 0' | 305' |
| SCH 80 4.5" PVC | I.D. 4.25" | O.D. 5" |

| | | |
|-------------------|-------|------|
| Interval | Start | Stop |
| GROUT/BACKFILL | 107' | 111' |
| 10/20 SILICA SAND | | |

| | | |
|-------------------|-------|------|
| Interval | Start | Stop |
| SEAL | 111' | 133' |
| BENTONITE PELLETS | | |

| | | |
|----------------|-------|------|
| Interval | Start | Stop |
| SECONDARY PACK | 133' | 180' |
| SILICA SAND | | |

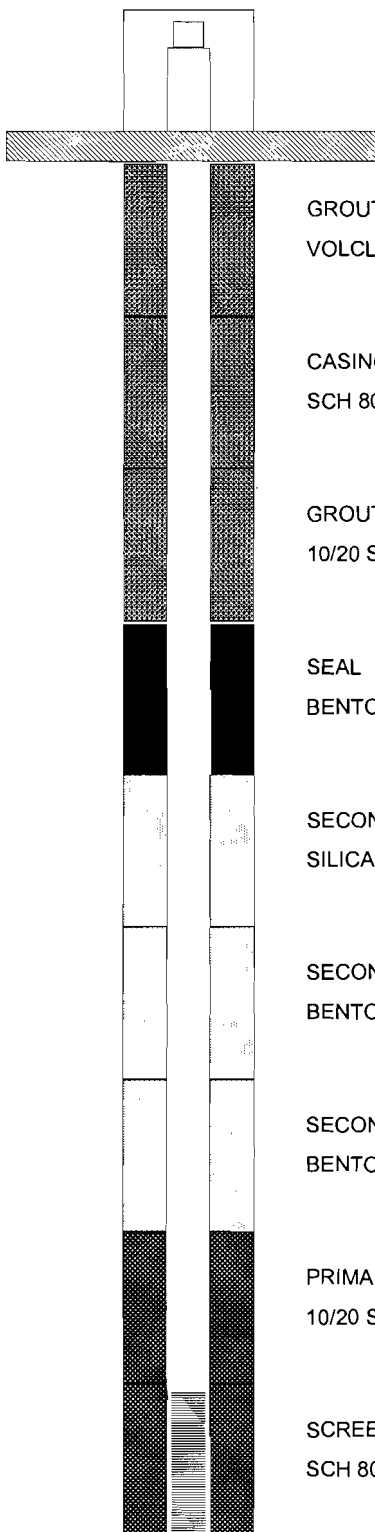
| | | |
|-----------------|-------|------|
| Interval | Start | Stop |
| SECONDARY PACK | 180' | 220' |
| BENTONITE CHIPS | | |

| | | |
|-------------------|-------|------|
| Interval | Start | Stop |
| SECONDARY PACK | 220' | 240' |
| BENTONITE PELLETS | | |

| | | |
|-------------------|-------|------|
| Interval | Start | Stop |
| PRIMARY PACK | 240' | 305' |
| 10/20 SILICA SAND | | |

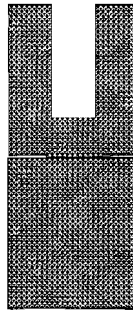
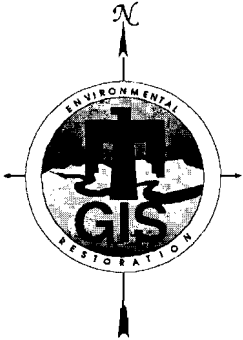
| | | |
|-----------------|-------|------|
| Interval | Start | Stop |
| SCREEN | 255' | 295' |
| SCH 80 4.5" PVC | | |

Slot Size .02"



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SW. OF SOLAR TOWER |
| IR ADS #: | 1330 | Well Completion Date: | 31-JUL-1995 |
| Well Name: | TRE-1 | Completion Zone: | |
| Well ID Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 13-JUL-1995 | Well Comment: | DUAL COMPLETION WITH TRE-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 600 | | |
| Casing Depth: | 305 | | |

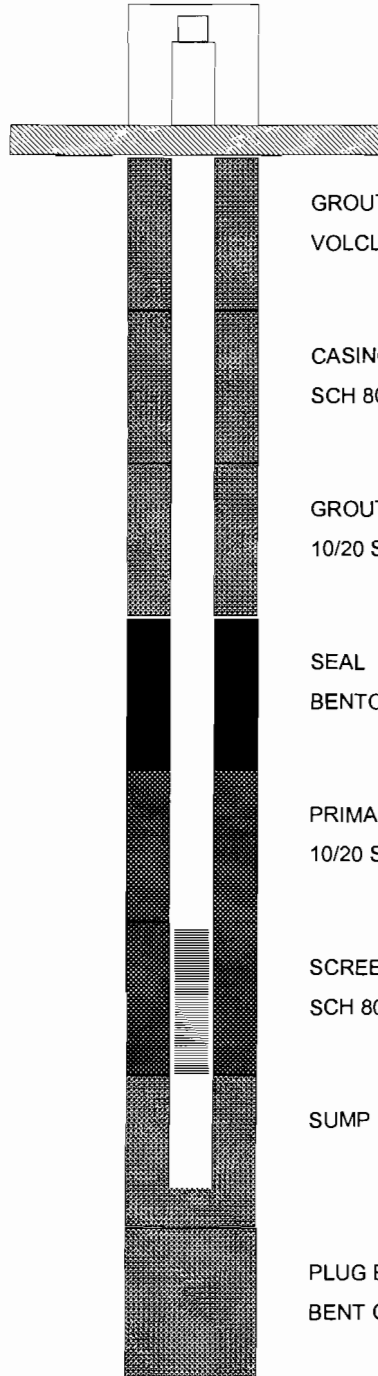


| Interval | Start | Stop |
|------------------------------|-------|------|
| SUMP | 295' | 305' |
| Interval | Start | Stop |
| PLUG BACK BENTONITE CHIPS | 309' | 600' |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SOUTHWEST OF SOLAR TOWER |
| ER ADS #: | 1330 | Well Completion Date: | 31-JUL-1995 |
| Well Name: | TRE-2 | Completion Zone: | |
| Wellbore Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 13-JUL-1995 | Well Comment: | DUAL COMPLETION WITH TRE-1 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 600 | | |
| Casing Depth: | 190 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|--|------------|
| Survey Date: | 06-SEP-1995 | Casing Stickup: | 2 |
| Surveyed By: | GREINER INC | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 418296.449 | GROUT/BACKFILL | 0' 107' |
| (Y) Northing: | 1440327.53 | VOLCLAY SLURRY | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5495.31 | CASING | 0' 190' |
| Top of Inner Well Casing: | 5494.53 | SCH 80 2" PVC | |
| Concrete Pad: | 5492.76 | Interval | Start Stop |
| Ground Surface: | 5492.482 | GROUT/BACKFILL | 107' 111' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SEAL | 111' 133' |
| | | BENTONITE PELLETS | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 133' 180' |
| | | 10/20 SILICA | |
| | | Interval | Start Stop |
| | | SCREEN | 150' 170' |
| | | SCH 80 PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 170' 180' |
| | | Interval | Start Stop |
| | | PLUG BACK | 180' 600' |
| | | BENT CHIPS AND OTHER | |



| Calculated Depths and Elevations | |
|----------------------------------|-------------|
| Initial Water Elevation: | 5327.83 |
| (FAMSL) | |
| Initial Depth To Water: | 166.7 |
| (FBGS) | |
| Last measured water level was | 5329.88 |
| asured on | 07-AUG-1996 |
| Date Updated: | 14-MAR-00 |
| Date Printed: | 12-JAN-2004 |

FASL

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|----------------------------|
| Project Name: | SWHC | Geo Location: | SOUTHWEST OF SOLAR TOWER |
| ER ADS #: | 1330 | Well Completion Date: | 31-JUL-1995 |
| Well Name: | TRE-2 | Completion Zone: | |
| Well Number: | SNL/NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 13-JUL-1995 | Well Comment: | DUAL COMPLETION WITH TRE-1 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 600 | | |
| Casing Depth: | 190 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|----------------|--------------------------|-----------------------------|
| Project Name: | SWHC | Geo Location: | NORTH SIDE TARGET ROAD |
| IR ADS #: | 1330 | Well Completion Date: | 12-OCT-1994 |
| Well Name: | TRN-1 | Completion Zone: | FRACTURED PERMIAN SILTSTONE |
| Operator Name: | SNL/NM | Formation of Completion: | ABO |
| Date Drilling Started: | 27-SEP-1994 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD/AIR ROTARY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 350 | | |

Survey Data

Survey Date: 14-NOV-1994
 Surveyed By: GREINER

State Plane Coordinates

(X) Easting: 428065.302
 (Y) Northing: 1441151.269

Surveyed Elevations (FAMSL)

Protective Casing: 5733.62
 Top of Inner Well Casing: 5732.946
 Concrete Pad: 5731.2
 Ground Surface: 5730.901



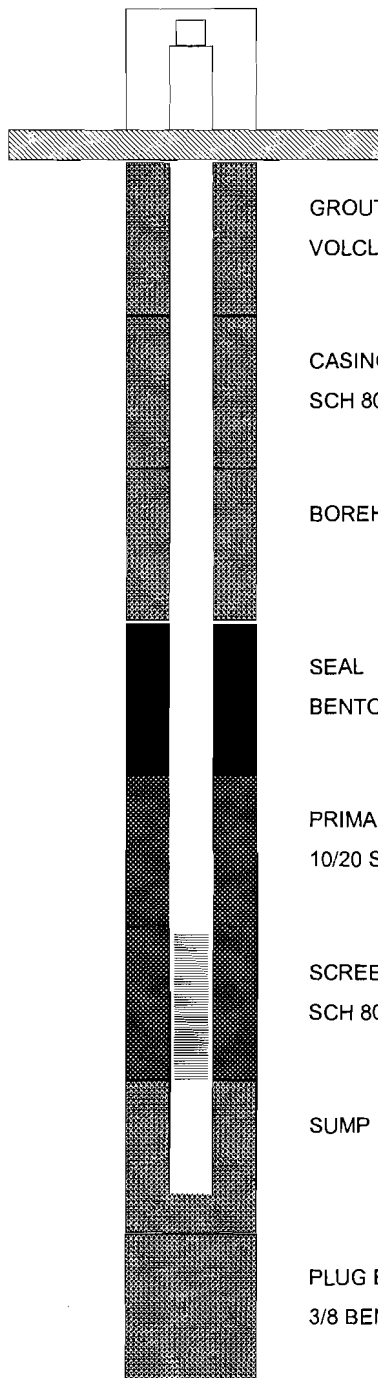
Calculated Depths and Elevations

Initial Water Elevation: 5648.901
 (FAMSL)
 Initial Depth To Water: 82
 (FBGS)

Last measured water level was FASL
 measured on 23-SEP-1997

Completion Data Measured Depths (FBGS)

| | | | |
|---------------------|------------|-------------|--|
| Casing Stickup: | 1.75 | | |
| Interval | Start | Stop | |
| GROUT/BACKFILL | 0' | 293' | |
| VOLCLAY SLURRY | | | |
| Interval | Start | Stop | |
| CASING | 0' | 350' | |
| SCH 80 PVC | I.D. 3.83" | O.D. 4.5" | |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 510' | |
| | | O.D. 12.25" | |
| Interval | Start | Stop | |
| SEAL | 293' | 305' | |
| BENTONITE PELLETS | | | |
| Interval | Start | Stop | |
| PRIMARY PACK | 305' | 352' | |
| 10/20 SILICA | | | |
| Interval | Start | Stop | |
| SCREEN | 320' | 340' | |
| SCH 80 PVC | | | |
| | Slot Size | .02" | |
| Interval | Start | Stop | |
| SUMP | 340' | 350' | |
| Interval | Start | Stop | |
| PLUG BACK | 352' | 510' | |
| 3/8 BENTONITE CHIPS | | | |



Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|----------------|--------------------------|-----------------------------|
| Project Name: | SWHC | Geo Location: | NORTH SIDE TARGET ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 12-OCT-1994 |
| Well Name: | TRN-1 | Completion Zone: | FRACTURED PERMIAN SILTSTONE |
| Well Name: | SNL/NM | Formation of Completion: | ABO |
| Date Drilling Started: | 27-SEP-1994 | Well Comment: | |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD/AIR ROTARY | | |
| Borehole Depth: | 510 | | |
| Casing Depth: | 350 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|----------------|---------------------------------|---|
| Project Name: | SWHC | Geo Location: | TARGET ROAD SOUTH |
| ER ADS #: | 1330 | Well Completion Date: | 04-SEP-1994 |
| Well Name: | TRS-1 | Completion Zone: | FRACTURED LIMESTONE |
| For Name: | SNL/NM | Formation of Completion: | MADERA |
| Date Drilling Started: | 29-AUG-1994 | Well Comment: | STEEL CASING SURFACE 134' OPEN HOLE COMPLETION |
| Drilling Contractor: | USGS | | 134 - 500'-CASING FOR TRS-1D,1S WAS INSTALLED IN SEPT. 95 |
| Drilling Method: | AIR/MUD ROTARY | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 135 | | |

Survey Data

Survey Date: 09-NOV-1994
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 429698.08
(Y) Northing: 1440320.588

Surveyed Elevations (FAMSL)

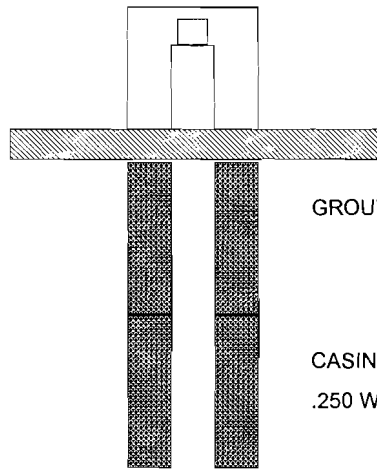
Protective Casing: 5777.786
Top of Inner Well Casing: 5777.506
Concrete Pad: 5774.936
Ground Surface: 5774.806



Calculated Depths and Elevations

Initial Water Elevation: 5662.6
(FAMSL)
Initial Depth To Water: 112.1
(FBGS)
Last measured water level was 5661.01 **FASL**
asured on 02-AUG-1995

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004



Completion Data Measured Depths (FBGS)

Casing Stickup: 2.2

| Interval | Start | Stop |
|-----------------|-------------|-------------|
| GROUT/BACKFILL | 0' | 134' |
| CASING | 0' | 135' |
| .250 WALL STEEL | I.D. 6.375" | O.D. 6.625" |
| 6" OPEN HOLE | 134' | 500' |

WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | SWRC | Geo Location: | SOUTH OF TARGET ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 06-SEP-1995 |
| Well Name: | TRS-1D | Completion Zone: | FRACTURED LIMESTONE |
| Well Owner Name: | SNL | Formation of Completion: | MADERA FM |
| Date Drilling Started: | 29-AUG-1994 | Well Comment: | DUAL COMPLETION, 2" PVC WELLS ADJACENT TO TRS-2. WELL SOUNDED 20' SHORT OF LISTED T.D. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 316.4 | | |

Survey Data

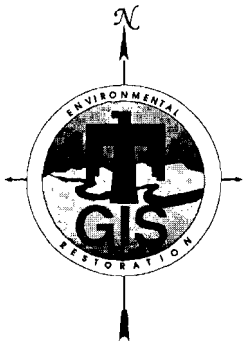
Survey Date: 09-NOV-1994
Surveyed By: GREINER, INC

State Plane Coordinates

(X) Easting: 429698.08
(Y) Northing: 1440320.588

Surveyed Elevations (FAMSL)

Protective Casing: 5777.67
Top of Inner Well Casing: 5777.13
Concrete Pad: 5774.84
Ground Surface: 5774.84



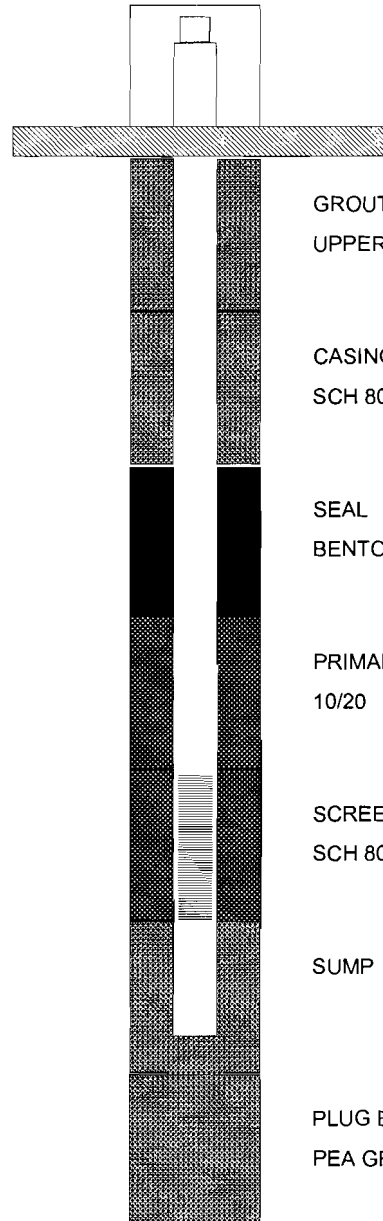
Calculated Depths and Elevations

Initial Water Elevation: 5658.34
(FAMSL)
Initial Depth To Water: 118.76
(FBGS)

Last measured water level was FASL
measured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | | |
|--|------------------------|--------------|-------------|--------------------|
|  | Casing Stickup: | 2.29 | | |
| | Interval | Start | Stop | |
| | GROUT/BACKFILL | | 0' | 215' |
| | UPPER CAS COMPLETION | | | |
| | Interval | Start | Stop | |
| | CASING | | 0' | 316.4' |
| | SCH 80 PVC | I.D. | 1.875" | O.D. 2.375" |
| | Interval | Start | Stop | |
| | SEAL | | 215' | 247' |
| | BENTONITE CHIPS | | | |
| | Interval | Start | Stop | |
| | PRIMARY PACK | | 247' | 332' |
| | 10/20 | | | |
| | Interval | Start | Stop | |
| | SCREEN | | 266.4' | 306.4' |
| | SCH 80 PVC | | | |
| | Slot Size | | .02" | |
| | Interval | Start | Stop | |
| | SUMP | | 306.4' | 316.4' |
| | Interval | Start | Stop | |
| | PLUG BACK | | 332' | 500' |
| | PEA GRAVEL 3/8" CMNT | | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|---|
| Project Name: | SWHC | Geo Location: | SOUTH OF TARGET ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 06-SEP-1995 |
| Well Name: | TRS-1D | Completion Zone: | FRACTURED LIMESTONE |
| Well Owner Name: | SNL | Formation of Completion: | MADERA FM |
| Date Drilling Started: | 29-AUG-1994 | Well Comment: | DUAL COMPLETION, 2" PVC WELLS ADJACENT TO TRS-2. WELL SOUNDED 20' SHORT OF LISTED T.D. |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 316.4 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: SWHC | Geo Location: SOUTH OF TARGET ROAD |
| ER ADS #: 1330 | Well Completion Date: 06-SEP-1995 |
| Well Name: TRS-1S | Completion Zone: FRACTURED LIMESTONE |
| Well ID Name: SNL | Formation of Completion: MADERA FM |
| Date Drilling Started: 29-AUG-1994 | Well Comment: 2" SHALLOW COMPLETION OF DUAL WELL IN SAME BOREHOLE. ADJACENT TO AND COMPLETED SAME INTERVAL AS TRS-2 |
| Drilling Contractor: USGS | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 500 | |
| Casing Depth: 214.75 | |

Survey Data

Survey Date: 09-NOV-1994
Surveyed By: GREINER INC

State Plane Coordinates

(X) Easting: 429698.08
(Y) Northing: 1440320.588

Surveyed Elevations (FAMSL)

Protective Casing: 5777.67
Top of Inner Well Casing: 5777.4
Concrete Pad: 5774.84
Ground Surface: 5774.84



Calculated Depths and Elevations

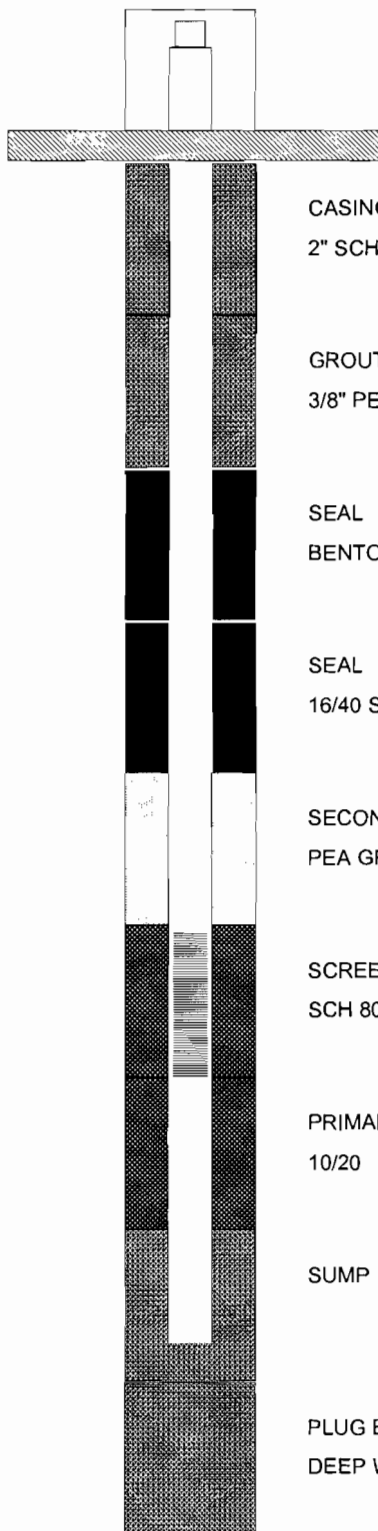
Initial Water Elevation: 5654.38
(FAMSL)
Initial Depth To Water: 123
(FBGS)

Last measured water level was FASL
measured on 23-SEP-1997

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

| | | | | | |
|-----------------------------|------------------|-------------|---------|--------|--|
| Casing Stickup: 2.56 | | | | | |
| Interval | Start | Stop | | | |
| CASING | | 0' | 214.75' | | |
| 2" SCH 80 PVC | I.D. | 1.875" | O.D. | 2.375" | |
| Interval | Start | Stop | | | |
| GROUT/BACKFILL | | 20' | 131' | | |
| 3/8" PEA GRAVEL CMNT | | | | | |
| Interval | Start | Stop | | | |
| SEAL | | 131' | 151' | | |
| BENTONITE CHIPS | | | | | |
| Interval | Start | Stop | | | |
| SEAL | | 151' | 153' | | |
| 16/40 SAND | | | | | |
| Interval | Start | Stop | | | |
| SECONDARY PACK | | 153' | 179' | | |
| PEA GRAVEL 3/8" | | | | | |
| Interval | Start | Stop | | | |
| SCREEN | | 164' | 204' | | |
| SCH 80 PVC | | | | | |
| | Slot Size | | .02" | | |
| Interval | Start | Stop | | | |
| PRIMARY PACK | | 179' | 215' | | |
| 10/20 | | | | | |
| Interval | Start | Stop | | | |
| SUMP | | 204' | 214' | | |
| Interval | Start | Stop | | | |
| PLUG BACK | | 215' | 500' | | |
| DEEP WELL COMPLETION | | | | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|---|
| Project Name: | SWHC | Geo Location: | SOUTH OF TARGET ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 06-SEP-1995 |
| Well Name: | TRS-1S | Completion Zone: | FRACTURED LIMESTONE |
| Site Name: | SNL | Formation of Completion: | MADERA FM |
| Date Drilling Started: | 29-AUG-1994 | Well Comment: | 2" SHALLOW COMPLETION OF DUAL WELL IN SAME BOREHOLE. ADJACENT TO AND COMPLETED SAME INTERVAL AS TRS-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 500 | | |
| Casing Depth: | 214.75 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-------------|--------------------------|--|
| Project Name: | SWHC | Geo Location: | SOUTH OF TARGET ROAD |
| ER ADS #: | 1330 | Well Completion Date: | 09-SEP-1995 |
| Well Name: | TRS-2 | Completion Zone: | FRACTURED LIMESTONE |
| Driller Name: | SNL/NM | Formation of Completion: | MADERA FM |
| Date Drilling Started: | 06-SEP-1994 | Well Comment: | OPEN HOLE COMPLETED W/CASING SEPT. 1995 AS BELOW SHALLOW PUMPING WELL COMPLETED SAME INTERVAL AS TRS-1S |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 210 | | |

Survey Data

Survey Date: 14-NOV-1994
 Surveyed By: GREINER

State Plane Coordinates

(X) Easting: 429718.691
 (Y) Northing: 1440316.377

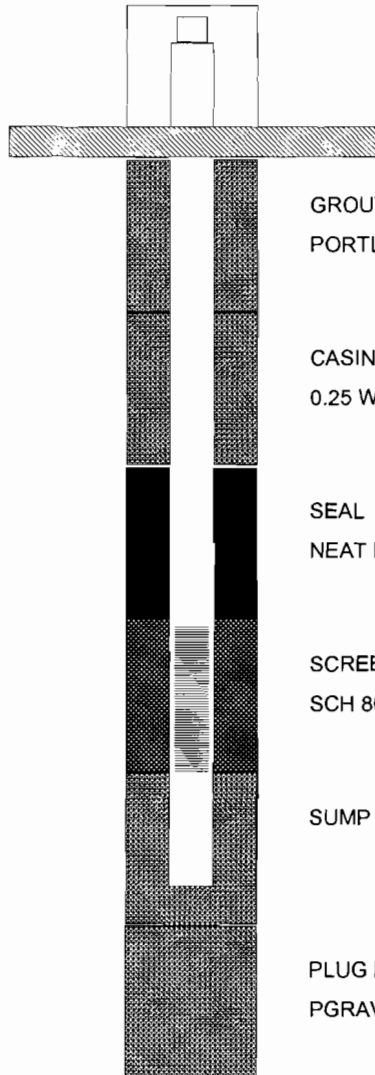
Surveyed Elevations (FAMSL)

Protective Casing: 5778.403
 Top of Inner Well Casing: 5778.086
 Concrete Pad: 5775.666
 Ground Surface: 5775.556



Completion Data Measured Depths (FBGS)

| | | |
|----------------------|-----------|---------|
| Casing Stickup: | 2.57 | |
| Interval | Start | Stop |
| BACKFILL | 0' | 34' |
| PORTLAND CEMENT | | |
| Interval | Start | Stop |
| CASING | 0' | 210' |
| 0.25 WALL STEEL | I.D. 4.5" | O.D. 5" |
| Interval | Start | Stop |
| SEAL | 1.5' | 34' |
| NEAT PORTLAND CEMENT | | |
| Interval | Start | Stop |
| SCREEN | 165' | 205' |
| SCH 80 PVC | | |
| Interval | Slot Size | .02" |
| Interval | Start | Stop |
| SUMP | 205' | 210' |
| Interval | Start | Stop |
| PLUG BACK | 212' | 520' |
| PGRV/CMNT,40/60 SMD | | |



Calculated Depths and Elevations

Initial Water Elevation: 5654.46
 (FAMSL)
 Initial Depth To Water: 123.63
 (FBGS)
 Last measured water level was 5647.79 FASL
 asured on 14-AUG-1996

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-----------------------|-------------|--------------------------|---|
| Project Name: | SWHC | Geo Location: | SOUTH OF TARGET ROAD |
| R ADS #: | 1330 | Well Completion Date: | 09-SEP-1995 |
| Well Name: | TRS-2 | Completion Zone: | FRACTURED LIMESTONE |
| Well ID Name: | SNL/NM | Formation of Completion: | MADERA FM |
| ate Drilling Started: | 06-SEP-1994 | Well Comment: | OPEN HOLE COMPLETED W/CASING SEPT. 1995 AS BELOW SHALLOW PUMPING WELL COMPLETED SAME INTERVAL AS TRS-1S |
| Drilling Contractor: | USGS | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 520 | | |
| Casing Depth: | 210 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|---------------------|---------------------------------|---|
| Project Name: | CANYONS | Geo Location: | LURANCE CANYON |
| ER ADS #: | 1333 | Well Completion Date: | 10-NOV-1987 |
| Well Name: | TSA-1 | Completion Zone: | SCHIST |
| Owner Name: | DOE | Formation of Completion: | IGNEOUS BEDROCK |
| Date Drilling Started: | 21-OCT-1987 | Well Comment: | PLUGGED AND ABANDONED AUG 2001. DEVIATION @ APRX 220' HAS REDUCED EFFECTIVE DIAMETER OF CASING TO 4" *SUSPECT ELEVATION |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | AIR PERCUSSION | | |
| Borehole Depth: | 303 | | GROUND SURFACE ESTIMATED FROM TOPO MAP |
| Casing Depth: | 300 | | |

Survey Data

Survey Date: 01-DEC-1992
Surveyed By: CLINT SHERILL

State Plane Coordinates

(X) Easting: 443186.62
(Y) Northing: 1456294.92

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 6061.01
Concrete Pad:
Ground Surface: 6057.5



Calculated Depths and Elevations

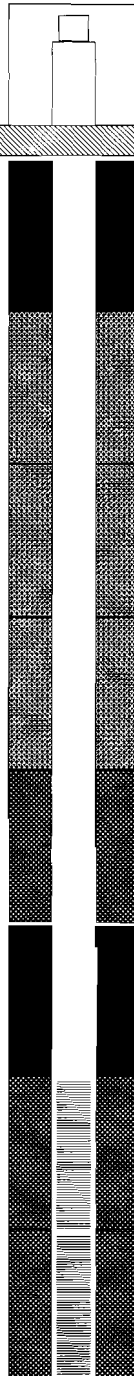
Initial Water Elevation: 5900.94
(FAMSL)
Initial Depth To Water: 160.17
(FBGS)
Last measured water level was 5903.51 **FASL**
asured on 20-SEP-1996

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|----------------------|-------|----------------|
| SEAL | 0' | 28' |
| CEMENT PLUG | | |
| Interval | Start | Stop |
| CASING | 0' | 300' |
| .280 STEEL | | O.D. 6.625" |
| Interval | Start | Stop |
| GROUT/BACKFILL | 0' | 300' |
| PEA GRAVEL/BENTONITE | | |
| Interval | Start | Stop |
| BOREHOLE | 0' | 303' |
| | | O.D. 8" |
| Interval | Start | Stop |
| PRIMARY PACK | 20' | 300' |
| PEA GRAVEL | | |
| Interval | Start | Stop |
| SEAL | 170' | 180' |
| BENTONITE PELLETS | | |
| Interval | Start | Stop |
| SCREEN | 190' | 210' |
| .280 STEEL | | Slot Size .25" |
| Interval | Start | Stop |
| SCREEN | 260' | 300' |
| .280 STEEL | | Slot Size .25" |



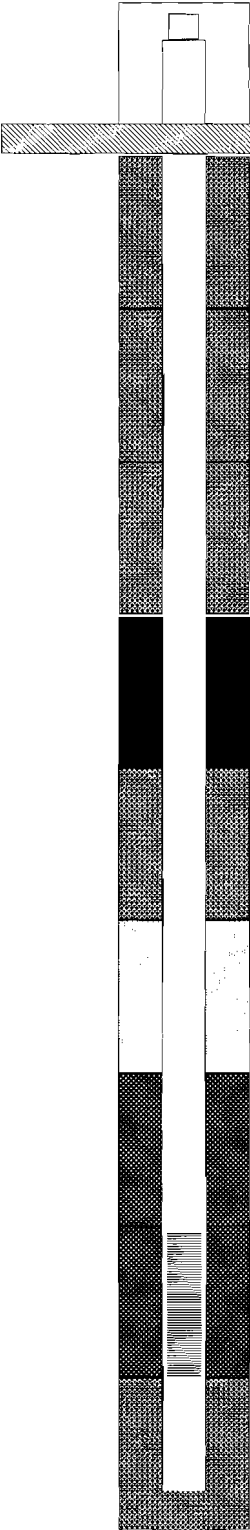
WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|---------------------|--------------------------|---|
| Project Name: | CANYONS | Geo Location: | LURANCE CANYON |
| R ADS #: | 1333 | Well Completion Date: | 10-NOV-1987 |
| Well Name: | TSA-1 | Completion Zone: | SCHIST |
| Driller Name: | DOE | Formation of Completion: | IGNEOUS BEDROCK |
| Drilling Started: | 21-OCT-1987 | Well Comment: | PLUGGED AND ABANDONED AUG 2001. DEVIATION @ APRX 220' HAS REDUCED EFFECTIVE DIAMETER OF CASING TO 4" *SUSPECT ELEVATION |
| Drilling Contractor: | RODGERS AND COMPANY | | |
| Drilling Method: | AIR PERCUSSION | | |
| Borehole Depth: | 303 | | GROUND SURFACE ESTIMATED FROM TOPO MAP |
| Casing Depth: | 300 | | |



WELL DATABASE SUMMARY SHEET

| | |
|---|--|
| Project Name: VA HOSPITAL | Geo Location: N. OF RANDOLPH AVE |
| ER ADS #: NA | Well Completion Date: 18-APR-1997 |
| Well Name: VA-2 | Completion Zone: SAND, GRAVEL (W/ CLAY & SILT) |
| Well Owner Name: VA HOSPITAL | Formation of Completion: SANTA FE GROUP |
| Date Drilling Started: 21-FEB-1997 | Well Comment: *1040-1083' NATURAL BACKFILL *770-810' BLANK CASING *SCREEN SLOT SIZE; VARIOUS: 0.015 TO 0.030 |
| Drilling Contractor: RODGERS AND CO. | |
| Drilling Method: MUD ROTARY | |
| Borehole Depth: 1083 | |
| Casing Depth: 1010 | |

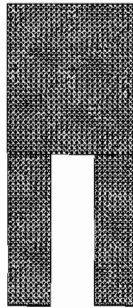
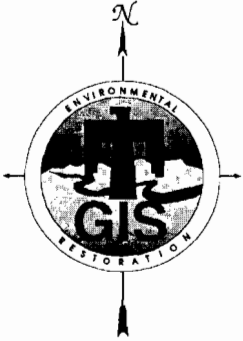
| Survey Data | | Completion Data Measured Depths (FBGS) | | | | | | | | | | | | |
|--------------------------------|--|---|----------|-------|------|----------------|----------------|-------|-----|--------------------------|---------------------|----------|------|-----|
| Survey Date: | | | | | | | | | | | | | | |
| Surveyed By: | | Casing Stickup: 2.5 | | | | | | | | | | | | |
| State Plane Coordinates |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>GROUT/BACKFILL</td> <td>0'</td> <td>70'</td> <td></td> </tr> <tr> <td>15#/GAL NEAT CEMENT</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | GROUT/BACKFILL | 0' | 70' | | 15#/GAL NEAT CEMENT | | | |
| Interval | | Start | Stop | | | | | | | | | | | |
| GROUT/BACKFILL | | 0' | 70' | | | | | | | | | | | |
| 15#/GAL NEAT CEMENT | | | | | | | | | | | | | | |
| (X) Easting: | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>BOREHOLE</td> <td>0'</td> <td>70'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D.</td> <td>30"</td> </tr> </table> | Interval | Start | Stop | | BOREHOLE | 0' | 70' | | | | O.D. | 30" |
| Interval | | Start | Stop | | | | | | | | | | | |
| BOREHOLE | | 0' | 70' | | | | | | | | | | | |
| | | | O.D. | 30" | | | | | | | | | | |
| (Y) Northing: | | | | | | | | | | | | | | |
| Surveyed Elevations (FAMSL) | | | | | | | | | | | | | | |
| Protective Casing: | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>CASING</td> <td>0'</td> <td>1010'</td> <td></td> </tr> <tr> <td>.312 WALL COPPER</td> <td>I.D. 13.4"</td> <td>O.D. 14"</td> <td></td> </tr> </table> | Interval | Start | Stop | | CASING | 0' | 1010' | | .312 WALL COPPER | I.D. 13.4" | O.D. 14" | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| CASING | 0' | 1010' | | | | | | | | | | | | |
| .312 WALL COPPER | I.D. 13.4" | O.D. 14" | | | | | | | | | | | | |
| Concrete Pad: | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>SEAL</td> <td>70'</td> <td>545'</td> <td></td> </tr> <tr> <td>5% X 14#/GAL BENT CEMENT</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | SEAL | 70' | 545' | | 5% X 14#/GAL BENT CEMENT | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SEAL | 70' | 545' | | | | | | | | | | | | |
| 5% X 14#/GAL BENT CEMENT | | | | | | | | | | | | | | |
| Ground Surface: | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>BOREHOLE</td> <td>70'</td> <td>1040'</td> <td></td> </tr> <tr> <td></td> <td></td> <td>O.D.</td> <td>22"</td> </tr> </table> | Interval | Start | Stop | | BOREHOLE | 70' | 1040' | | | | O.D. | 22" | |
| Interval | Start | Stop | | | | | | | | | | | | |
| BOREHOLE | 70' | 1040' | | | | | | | | | | | | |
| | | O.D. | 22" | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>SECONDARY SEAL</td> <td>545'</td> <td>550'</td> <td></td> </tr> <tr> <td>BENTONITE PELLETS</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | SECONDARY SEAL | 545' | 550' | | BENTONITE PELLETS | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SECONDARY SEAL | 545' | 550' | | | | | | | | | | | | |
| BENTONITE PELLETS | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>PRIMARY PACK</td> <td>550'</td> <td>1010'</td> <td></td> </tr> <tr> <td>10/20 SILICA SAND</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | PRIMARY PACK | 550' | 1010' | | 10/20 SILICA SAND | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| PRIMARY PACK | 550' | 1010' | | | | | | | | | | | | |
| 10/20 SILICA SAND | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>SCREEN</td> <td>590'</td> <td>990'</td> <td></td> </tr> <tr> <td>WIRE WOUND SS</td> <td></td> <td></td> <td></td> </tr> </table> | Interval | Start | Stop | | SCREEN | 590' | 990' | | WIRE WOUND SS | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SCREEN | 590' | 990' | | | | | | | | | | | | |
| WIRE WOUND SS | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 40%;">Interval</th> <th style="width: 20%;">Start</th> <th style="width: 20%;">Stop</th> <th style="width: 20%;"></th> </tr> <tr> <td>SUMP</td> <td>990'</td> <td>1010'</td> <td></td> </tr> </table> | Interval | Start | Stop | | SUMP | 990' | 1010' | | | | | | |
| Interval | Start | Stop | | | | | | | | | | | | |
| SUMP | 990' | 1010' | | | | | | | | | | | | |
| | | Slot Size .03" | | | | | | | | | | | | |

| Calculated Depths and Elevations | |
|---|-------------------------------------|
| Initial Water Elevation: (FAMSL) | 481 |
| Initial Depth To Water: (FBGS) | |
| Last measured water level was measured on | FASL |
| Date Updated: 16-DEC-03 | Date Printed: 12-JAN-2004 |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------------|--------------------------|---|
| Project Name: | VA HOSPITAL | Geo Location: | N. OF RANDOLPH AVE |
| IR ADS #: | NA | Well Completion Date: | 18-APR-1997 |
| Well Name: | VA-2 | Completion Zone: | SAND, GRAVEL (W/ CLAY & SILT) |
| Well Name: | VA HOSPITAL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-FEB-1997 | Well Comment: | *1040-1083' NATURAL BACKFILL *770-810' BLANK CASING *SCREEN SLOT SIZE; VARIOUS: 0.015 TO 0.030 |
| Drilling Contractor: | RODGERS AND CO. | | |
| Drilling Method: | MUD ROTARY | | |
| Borehole Depth: | 1083 | | |
| Casing Depth: | 1010 | | |



| Interval | Start | Stop |
|-------------------|-------|-------------|
| PLUG BACK | 1010' | 1040' |
| 10/20 SILICA SAND | | |
| Interval | Start | Stop |
| BOREHOLE | 1040' | 1083' |
| | | O.D. 7.875" |
| Interval | Start | Stop |

WELL DATABASE SUMMARY SHEET

| | | | |
|-----------------------------|-----------|---------------------------------|-----------------|
| Project Name: | CWL | Geo Location: | |
| R ADS #: | | Well Completion Date: | |
| Well Name: | CWL-D3-VW | Completion Zone: | |
| Well ID Name: | SNL/NM | Formation of Completion: | |
| Drilling Started: | | Well Comment: | SOIL VAPOR WELL |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Borehole Depth: | | | |
| Casing Depth: | 486.2 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting:

(Y) Northing:

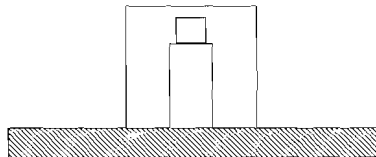
Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing:

Concrete Pad:

Ground Surface:



Completion Data Measured Depths
(FBGS)

Casing Stickup:

| Interval | Start | Stop |
|---------------|-------|------|
| SGSP GROUT | 0' | 109' |
| WYO BEN GROUT | | |

| Interval | Start | Stop |
|----------|-------|------|
| BOREHOLE | 0' | 494' |

| Interval | Start | Stop |
|---------------------|-------|------|
| SGSP SEAL | 109' | 114' |
| ENVIROPLUG #16 BENT | | |

| Interval | Start | Stop |
|---------------------|-------|------|
| SGSP SECONDARY PACK | 114' | 115' |
| 30/60 SAND | | |

| Interval | Start | Stop |
|-------------------|-------|------|
| SGSP PRIMARY PACK | 115' | 129' |
| 10/20 SAND | | |

| Interval | Start | Stop |
|-----------------|-------|------|
| SGSP #5 | 120' | 122' |
| PERF. SS TUBING | | |

| Interval | Start | Stop |
|---------------------|-------|------|
| SGSP #5 SEAL | 120' | 122' |
| ENVIROPLUG #16 BENT | | |

| Interval | Start | Stop |
|----------------------|-------|------|
| SGSP #5 SEAL | 160' | 164' |
| ENVIRO PLUG #16 BENT | | |

| Interval | Start | Stop |
|------------------------|-------|------|
| SGSP #5 SECONDARY PACK | 164' | 165' |
| 30/60 SAND | | |

Calculated Depths and Elevations

**Initial Water Elevation:
(FAMSL)**

Initial Depth To Water:
(FBGS)

Last measured water level was
measured on

FASL

Date Updated: 28-NOV-01
Date Printed: 12-JAN-2004



WELL DATABASE SUMMARY SHEET

| | |
|------------------------|-------------------------------|
| Project Name: CWL | Geo Location: |
| IR ADS #: | Well Completion Date: |
| Well Name: CWL-D3-VW | Completion Zone: |
| Driller Name: SNL/NM | Formation of Completion: |
| Date Drilling Started: | Well Comment: SOIL VAPOR WELL |
| Drilling Contractor: | |
| Drilling Method: | |
| Borehole Depth: | |
| Casing Depth: 486.2 | |



| | | | |
|--|---|--------------|-------------|
| | Interval SGSP #5 PRIMARY PACK 10/20 SAND | Start | Stop |
| | | 165' | 181' |
| | Interval SGSP #4 PERFORATED SS TUBING | Start | Stop |
| | | 170' | 172' |
| | Interval SGSP #4 SEAL ENVIROPLUG #16 BENT | Start | Stop |
| | | 181' | 184' |
| | Interval SGSP #4 GROUT WYO BEN GROUT | Start | Stop |
| | | 184' | 340' |
| | Interval SGSP #4 SEAL ENVIROPLUG #16 BENT | Start | Stop |
| | | 340' | 346' |
| | Interval SGSP#4 SECONDARY PACK 30/60 SAND | Start | Stop |
| | | 346' | 347' |
| | Interval SGSP #4 PRIMARY PACK 10/20 SAND | Start | Stop |
| | | 347' | 356' |
| | Interval SGSP #3 PERFORATED SS TUBING | Start | Stop |
| | | 350' | 352' |
| | Interval SGSP #3 SEAL ENVIRO PLUG #16 BENT | Start | Stop |
| | | 356' | 362' |
| | Interval SGSP #3 GROUT WYO BEN GROUT | Start | Stop |
| | | 362' | 424' |

WELL DATABASE SUMMARY SHEET

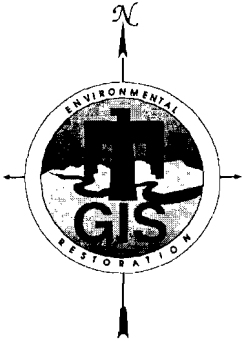
| | | |
|---|--|--|
| Project Name: CWL IR ADS #: Well Name: CWL-D3-VW Well ID Name: SNL/NM Date Drilling Started: Drilling Contractor: Drilling Method: Borehole Depth: Casing Depth: 486.2 | Geo Location: Well Completion Date: Completion Zone: Formation of Completion: Well Comment: SOIL VAPOR WELL | |
|---|--|--|



| | | | | |
|--|--|------------------------|----------------------|--------|
| | | Interval | Start | Stop |
| | | SGSP #3 SEAL | 424' | 431' |
| | | ENVIROPLUG #16 BENT | | |
| | | | | |
| | | Interval | Start | Stop |
| | | SGSP #3 SECONDARY PACK | 431' | 432' |
| | | 30/60 SAND | | |
| | | | | |
| | | Interval | Start | Stop |
| | | SGSP #3 PRIMARY PACK | 432' | 445' |
| | | 10/20 SAND | | |
| | | | | |
| | | Interval | Start | Stop |
| | | SGSP #2 | 440' | 442' |
| | | PERFORATED SS TUBING | I.D. .31" O.D. .375" | |
| | | | | |
| | | Interval | Start | Stop |
| | | GROUT | 445' | 453.4' |
| | | ENVIROPLUG 16 BENT. | | |
| | | | | |
| | | Interval | Start | Stop |
| | | SGSP #2 SEAL | 445' | 453.4' |
| | | ENVIROPLUG #16 BENT | | |
| | | | | |
| | | Interval | Start | Stop |
| | | SECONDARY PACK | 453.5' | 454.2' |
| | | 30/60 SILICA SAND | | |
| | | | | |
| | | Interval | Start | Stop |
| | | PRIMARY PACK | 454.2' | 494' |
| | | 10/20 SILICA SAND | | |
| | | | | |
| | | Interval | Start | Stop |
| | | SGSP #1 | 480' | 482' |
| | | PERFORATED SS TUBING | I.D. .31" O.D. .375" | |
| | | | | |
| | | Interval | Start | Stop |
| | | SGSP | | |
| | | | I.D. .215" O.D. .25" | |
| | | SS TUBING | | |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|-----------|--------------------------|-----------------|
| Project Name: | CWL | Geo Location: | |
| IR ADS #: | | Well Completion Date: | |
| Well Name: | CWL-D3-VW | Completion Zone: | |
| Well ID Name: | SNL/NM | Formation of Completion: | |
| Date Drilling Started: | | Well Comment: | SOIL VAPOR WELL |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Borehole Depth: | | | |
| Casing Depth: | 486.2 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|-------------------------------|-------------|---------------------------------|--|
| Project Name: | SWHC | Geo Location: | N. OF WYOMING AND PENNSYLVANIA |
| R ADS #: | 1330 | Well Completion Date: | 27-AUG-1995 |
| Well Name: | WYO-1 | Completion Zone: | SILTY SAND |
| Well Type Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Date Drilling Started: | 15-AUG-1995 | Well Comment: | PLUGGED AND ABANDONED JULY 2001. DUAL COMPLETION IN A SINGLE BOREHOLE WITH WYO-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 570 | | |

Survey Data

Survey Date: 27-OCT-1995
Surveyed By: GREINER, INC.

State Plane Coordinates

(X) Easting: 409960.217
(Y) Northing: 1470026.768

Surveyed Elevations (FAMSL)

Protective Casing: 5390.29
Top of Inner Well Casing: 5389.83
Concrete Pad: 5387.85
Ground Surface: 5387.72



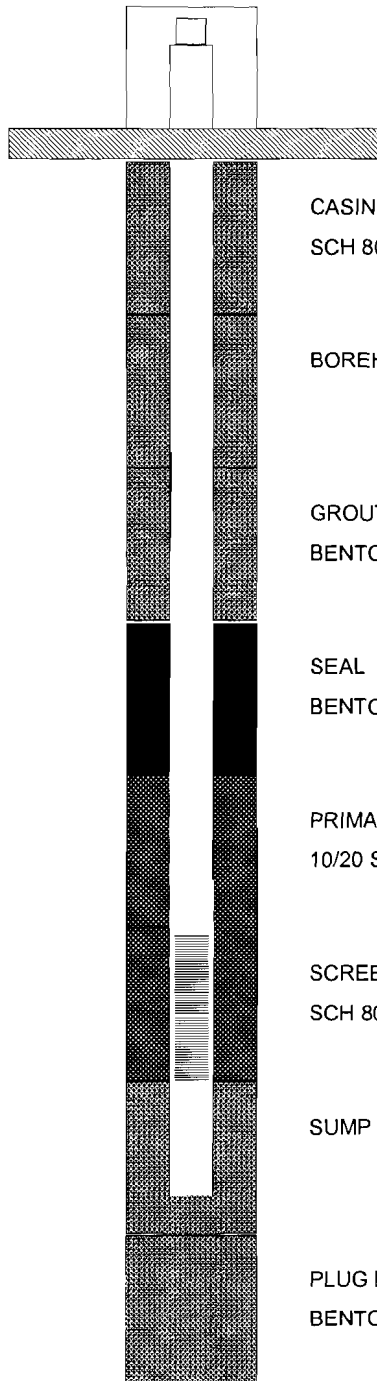
Calculated Depths and Elevations

Initial Water Elevation: 4876.41
(FAMSL)
Initial Depth To Water: 513.42
(FBGS)
Last measured water level was 4868.52 **FASL**
asured on 28-JUN-1996

Completion Data Measured Depths (FBGS)

Casing Stickup: 2

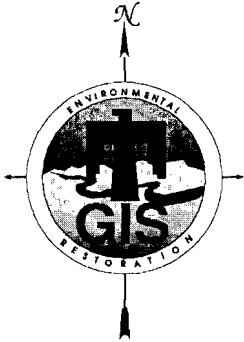
| Interval | Start | Stop |
|-----------------------------------|-----------------------|-------------|
| CASING | 0' | 570' |
| SCH 80 PVC | I.D. 4.25" | O.D. 4.75" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 650' |
| | | O.D. 9.875" |
| Interval | Start | Stop |
| GROUT/BACKFILL BENTONITE CHIPS | 299' | 476' |
| Interval | Start | Stop |
| SEAL BENTONITE CHIPS | 299' | 476' |
| Interval | Start | Stop |
| PRIMARY PACK 10/20 SILICA SAND | 476' | 572' |
| Interval | Start | Stop |
| SCREEN SCH 80 PVC | 510' | 560' |
| | Slot Size .02" | |
| Interval | Start | Stop |
| SUMP | 560' | 570' |
| Interval | Start | Stop |
| PLUG BACK BENTONITE CHIPS | 572' | 650' |



Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

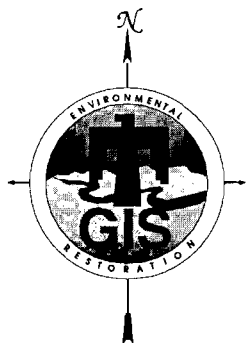
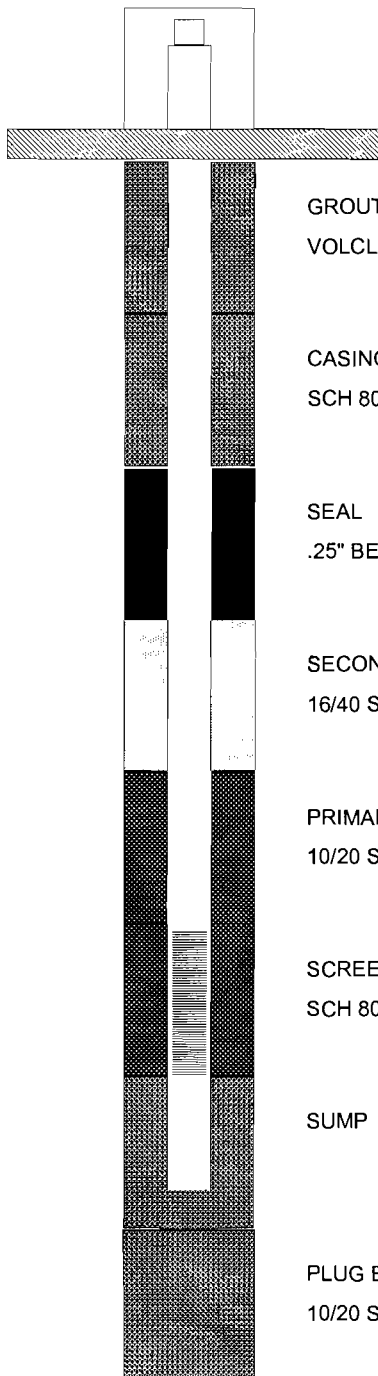
| | | | |
|-------------------------------------|-------------|---------------------------------|--|
| Object Name: | SWHC | Geo Location: | N. OF WYOMING AND PENNSYLVANIA |
| R ADS #: | 1330 | Well Completion Date: | 27-AUG-1995 |
| Well Name: | WY0-1 | Completion Zone: | SILTY SAND |
| Well Owner Name: | SNL/NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Start Date Drilling Started: | 15-AUG-1995 | Well Comment: | PLUGGED AND ABANDONED JULY 2001. DUAL COMPLETION IN A SINGLE BOREHOLE WITH WYO-2 |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 570 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------------|-------------|--------------------------|---|
| Project Name: | SWHC | Geo Location: | N OF WYOMING & PENN. BLVDS |
| WADIS #: | 1330 | Well Completion Date: | 27-AUG-1995 |
| Well Name: | WYO-2 | Completion Zone: | SILTY SAND ETC |
| Well Owner Name: | SNL - NM | Formation of Completion: | UPPER SANTA FE UNIT |
| Start Date Drilling Started: | 15-AUG-1995 | Well Comment: | PLUGGED AND ABANDONED JULY 2001. DUAL COMPLETION IN A SINGLE BOREHOLE WITH WYO-1. 2" SCH 80 PVC |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 295 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|---------------|--|------------|
| Survey Date: | 27-OCT-1995 | Casing Stickup: | 2 |
| Surveyed By: | GREINER, INC. | Interval | Start Stop |
| State Plane Coordinates | | GROUT/BACKFILL | 0' 215' |
| X) Easting: | 409960.217 | VOLCLAY | |
| Y) Northing: | 1470026.768 | Interval | Start Stop |
| Surveyed Elevations (FAMSL) | | CASING | 0' 295' |
| | | SCH 80 PVC | |
| Protective Casing: | 5390.29 | Interval | Start Stop |
| Top of Inner Well Casing: | 5389.83 | SEAL | 215' 220' |
| Concrete Pad: | 5387.85 | .25" BENT PELLETS | |
| Ground Surface: | 5387.72 | Interval | Start Stop |
| | | SECONDARY PACK | 220' 233' |
| | | 16/40 SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 233' 299' |
| | | 10/20 SILICON | |
| | | Interval | Start Stop |
| | | SCREEN | 265' 285' |
| | | SCH 80 PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 285' 295' |
| | | Interval | Start Stop |
| | | PLUG BACK | 295' 299' |
| | | 10/20 SAND | |



| Calculated Depths and Elevations | |
|----------------------------------|---------|
| Initial Water Elevation: | 5116.93 |
| (FAMSL) | |
| Initial Depth To Water: | 272.9 |
| (FBGS) | |

Last measured water level was 5117.66 FASL
 asured on 28-JUN-1996

Date Updated: 14-MAR-00
 Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-----------------------|-------------|--------------------------|--|
| Object Name: | SWHC | Geo Location: | N OF WYOMING & PENN. BLVDS |
| R ADS #: | 1330 | Well Completion Date: | 27-AUG-1995 |
| Well Name: | WYO-2 | Completion Zone: | SILTY SAND ETC |
| Well Name: | SNL - NM | Formation of Completion: | UPPER SANTA FE UNIT |
| ate Drilling Started: | 15-AUG-1995 | Well Comment: | PLUGGED AND ABANDONED JULY 2001. DUAL COMPLETION IN A SINGLE BOREHOLE WITH WYO-1. 2" SCH 80 PVC |
| Drilling Contractor: | USGS | | |
| Drilling Method: | ROTARY MUD | | |
| Borehole Depth: | 650 | | |
| Casing Depth: | 295 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------------|-------------------------|--------------------------|--|
| Object Name: | TIJERAS ARROYO GW | Geo Location: | W. OF TAIL -->SEE WELL COMMENT |
| RAADS #: | 1303 | Well Completion Date: | 31-JUL-2001 |
| Well Name: | WYO-3 | Completion Zone: | SANDY CLAYEY SILT |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Start Date Drilling Started: | 23-JUL-2001 | Well Comment: | REPLACEMENT OF WYO-1. WEST OF TAIL, SW OF WYOMING & ORDNANCE ROAD. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 555 | | |
| Casing Depth: | 545 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|-----------------------------|-------------|--|-------------------|
| Survey Date: | 05-OCT-2001 | Casing Stickup: | 2.03 |
| Surveyed By: | V. JIRIK | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 409867.81 | GROUT/BACKFILL | 0' 500' |
| (Y) Northing: | 1470025.46 | WYO-BEN WELL GROUT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5389.76 | CASING | 0' 545' |
| Top of Inner Well Casing: | 5389.42 | SCHEDULE 80 PVC | I.D. 4.5" O.D. 5" |
| Concrete Pad: | 5387.6 | Interval | Start Stop |
| Ground Surface: | 5387.32 | BOREHOLE | 0' 555' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 500' 507' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 507' 514' |
| | | 30/70 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 514' 541' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 520' 540' |
| | | SCHEDULE 80 PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 540' 545' |
| | | Interval | Start Stop |
| | | PLUG BACK | 541' 555' |
| | | SLOUGH | |



| Calculated Depths and Elevations | |
|----------------------------------|---------------|
| Initial Water Elevation: | 4865.38 |
| (FAMSL) | |
| Initial Depth To Water: | 524.04 |
| (FBGS) | |
| Last measured water level was | FASL |
| assured on | |
| Date Updated: | Date Printed: |
| 16-SEP-02 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

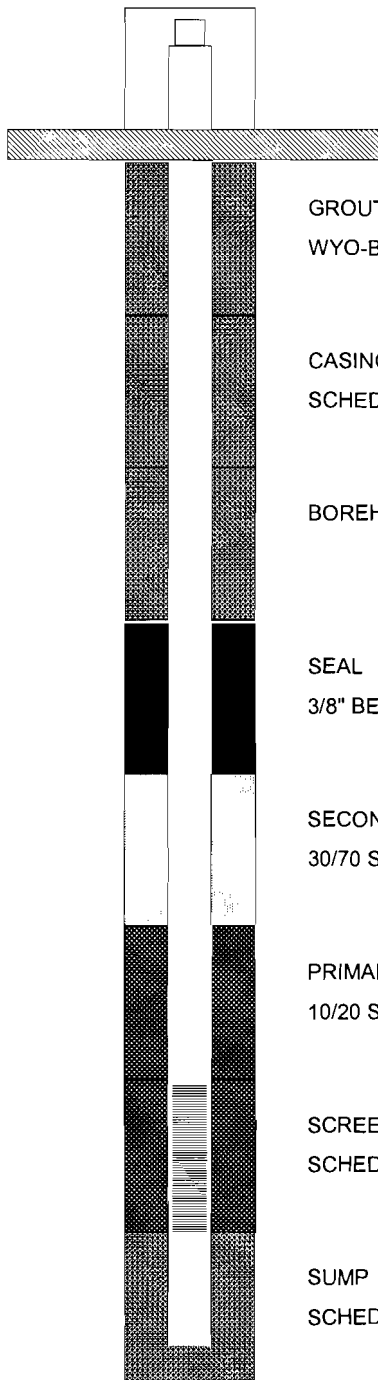
| | | | |
|-----------------------------|-------------------------|---------------------------------|--|
| Object Name: | TIJERAS ARROYO GW | Geo Location: | W. OF TAIL -->SEE WELL COMMENT |
| R ADS #: | 1303 | Well Completion Date: | 31-JUL-2001 |
| Well Name: | WYO-3 | Completion Zone: | SANDY CLAYEY SILT |
| Well Owner Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Drilling Started: | 23-JUL-2001 | Well Comment: | REPLACEMENT OF WYO-1. WEST OF TAIL, SW OF WYOMING & ORDNANCE ROAD. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 555 | | |
| Casing Depth: | 545 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|----------------------|-------------------------|--------------------------|--|
| Object Name: | TIJERAS ARROYO GW | Geo Location: | W. OF TA2 - SEE WELL COMMENT |
| WADADS #: | 1303 | Well Completion Date: | 22-JUL-2001 |
| Well Name: | WYO-4 | Completion Zone: | CLAYEY SILT |
| Well ID Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Drilling Started: | 21-JUL-2001 | Well Comment: | REPLACEMENT OF WYO-2. W. OF TA2, SW OF WYOMING & ORDANANCE RD. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 305 | | |
| Casing Depth: | 300 | | |

| Survey Data | | Completion Data Measured Depths (FBGS) | |
|------------------------------|-------------|---|-------------------|
| Survey Date: | 05-OCT-2001 | Casing Stickup: 2.23 | |
| Surveyed By: | V. JIRIK | | |
| State Plane Coordinates | | Interval | Start Stop |
| (X) Easting: | 409912.58 | GROUT/BACKFILL | 0' 255.5' |
| (Y) Northing: | 1470025.17 | WYO-BEN WELL GROUT | |
| Surveyed Elevations (FAMSL) | | Interval | Start Stop |
| Protective Casing: | 5390.39 | CASING | 0' 300' |
| Bottom of Inner Well Casing: | 5389.9 | SCHEDULE 80 PVC | I.D. 4.5" O.D. 5" |
| Concrete Pad: | 5388.03 | Interval | Start Stop |
| Ground Surface: | 5387.52 | BOREHOLE | 0' 305' |
| | | | O.D. 10" |
| | | Interval | Start Stop |
| | | SEAL | 255.5' 264' |
| | | 3/8" BENTONITE CHIPS | |
| | | Interval | Start Stop |
| | | SECONDARY PACK | 264' 269' |
| | | 30/70 SILICA SAND | |
| | | Interval | Start Stop |
| | | PRIMARY PACK | 269' 305' |
| | | 10/20 SILICA SAND | |
| | | Interval | Start Stop |
| | | SCREEN | 275' 295' |
| | | SCHEDULE 80 PVC | |
| | | Slot Size | .02" |
| | | Interval | Start Stop |
| | | SUMP | 295' 300' |
| | | SCHEDULE 80 PVC | |



| Calculated Depths and Elevations | |
|---|--------|
| Initial Water Elevation: (FAMSL) | 5113.6 |
| Initial Depth To Water: (FBGS) | 276.3 |
| Last measured water level was assured on | FASL |

Date Updated: 16-SEP-02
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

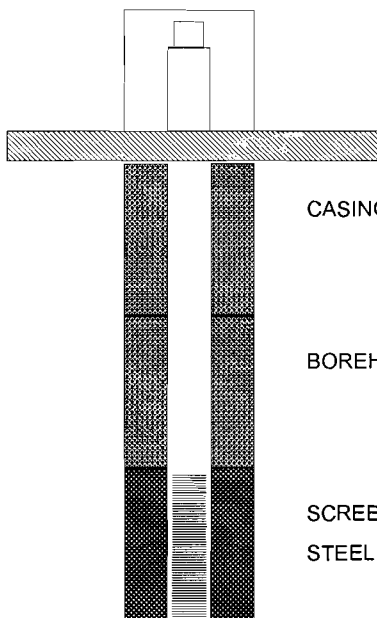
| | | | |
|------------------------|-------------------------|--------------------------|---|
| Object Name: | TIJERAS ARROYO GW | Geo Location: | W. OF TA2 - SEE WELL COMMENT |
| R ADS #: | 1303 | Well Completion Date: | 22-JUL-2001 |
| Well Name: | WYO-4 | Completion Zone: | CLAYEY SILT |
| Driller Name: | SNL | Formation of Completion: | SANTA FE GROUP |
| Date Drilling Started: | 21-JUL-2001 | Well Comment: | REPLACEMENT OF WYO-2. W. OF TA2, SW OF WYOMING & ORDNANCE RD. |
| Drilling Contractor: | WATER DEVELOPMENT CORP. | | |
| Drilling Method: | ARCH | | |
| Borehole Depth: | 305 | | |
| Casing Depth: | 300 | | |



WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|--------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 417 BUENA VISTA SE |
| ADS #: | NA | Well Completion Date: | 30-NOV-1963 |
| Well Name: | YALE 1 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 19-NOV-1963 | Well Comment: | |
| Drilling Contractor: | ROSCOE MOSS | | |
| Drilling Method: | | | |
| Borehole Depth: | 1010 | | |
| Casing Depth: | 960 | | |

| Survey Data | Completion Data Measured Depths (FBGS) | |
|-----------------------------|---|------------|
| Survey Date: | Casing Stickup: | |
| Surveyed By: | | |
| State Plane Coordinates | Interval | Start Stop |
| (X) Easting: 388129 | CASING | 0' 960' |
| (Y) Northing: 1482349 | | O.D. 16" |
| Surveyed Elevations (FAMSL) | Interval | Start Stop |
| | BOREHOLE | 0' 1010' |
| Protective Casing: | Interval | Start Stop |
| Depth of Inner Well Casing: | SCREEN | 336' 960' |
| Concrete Pad: | STEEL | |
| Ground Surface: 5159 | | |



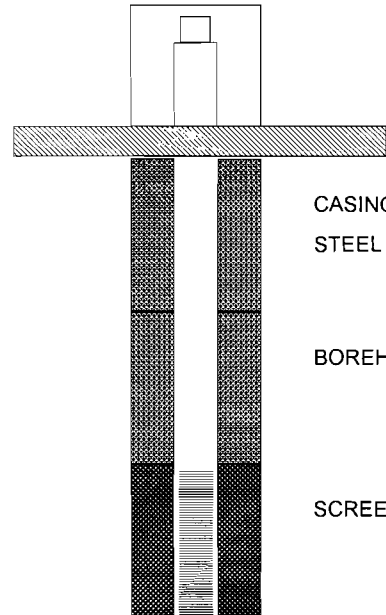
| Calculated Depths and Elevations | |
|----------------------------------|------|
| Initial Water Elevation: | 4940 |
| (FAMSL) | |
| Initial Depth To Water: | 219 |
| (FBGS) | |

Last measured water level was FASL
measured on

Date Updated: 14-MAR-00
Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | |
|--|--|
| Project Name: CITY WATER SUPPLY | Geo Location: 1925 KATHRYN SE |
| IR ADS #: NA | Well Completion Date: 01-JAN-1972 |
| Well Name: YALE 2 | Completion Zone: SAND AND GRAVEL |
| Owner Name: CITY OF ALBUQUERQUE | Formation of Completion: SANTA FE |
| Drilling Started: 01-JAN-1972 | Well Comment: |
| Drilling Contractor: | |
| Drilling Method: | |
| Borehole Depth: 1191 | |
| Casing Depth: 1185 | |

| | | |
|------------------------------------|--|---|
| Survey Data |  | Completion Data Measured Depths (FBGS) |
| Survey Date: | | |
| Surveyed By: | | |
| State Plane Coordinates | | |
| (X) Easting: 387909 | | |
| (Y) Northing: 1479499 | | |
| Surveyed Elevations (FAMSL) | | |
| Protective Casing: | | |
| Depth of Inner Well Casing: | | |
| Concrete Pad: | | |
| Ground Surface: 5136 | | |

Casing Stickup:

| Interval | Start | Stop | |
|----------|-------|-------|-----|
| CASING | 0' | 1185' | |
| STEEL | | O.D. | 16" |
| Interval | Start | Stop | |
| BOREHOLE | 0' | 1191' | |
| | | O.D. | 30" |
| Interval | Start | Stop | |
| SCREEN | 357' | 1185' | |



| | |
|---|----------------------|
| Calculated Depths and Elevations | |
| Initial Water Elevation: | 4904 |
| (FAMSL) | |
| Initial Depth To Water: | 232 |
| (FBGS) | |
| Last measured water level was | FASL |
| asured on | |
| Date Updated: | Date Printed: |
| 14-MAR-00 | 12-JAN-2004 |

WELL DATABASE SUMMARY SHEET

| | | | |
|------------------------|---------------------|--------------------------|-----------------------|
| Project Name: | CITY WATER SUPPLY | Geo Location: | 1220 HAZELDINE AVENUE |
| ADS #: | NA | Well Completion Date: | 01-JAN-1973 |
| Well Name: | YALE 3 | Completion Zone: | SAND AND GRAVEL |
| Owner Name: | CITY OF ALBUQUERQUE | Formation of Completion: | SANTA FE |
| Date Drilling Started: | 01-JAN-1972 | Well Comment: | |
| Drilling Contractor: | | | |
| Drilling Method: | | | |
| Corehole Depth: | 1004 | | |
| Casing Depth: | 992 | | |

Survey Data

Survey Date:

Surveyed By:

State Plane Coordinates

(X) Easting: 385307

(Y) Northing: 1483269

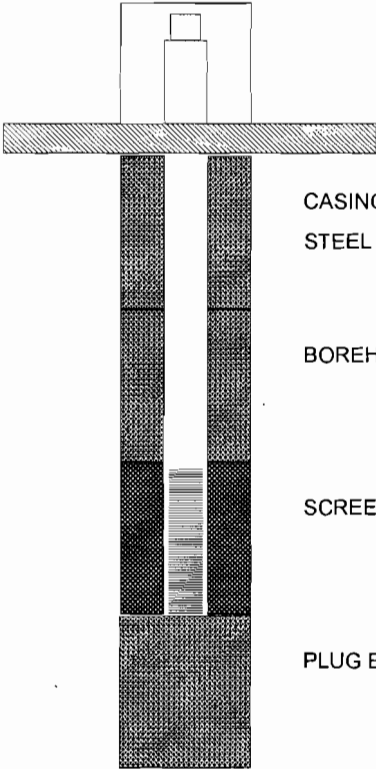
Surveyed Elevations (FAMSL)

Protective Casing:

Depth of Inner Well Casing:

Concrete Pad:


Ground Surface: 5130



Completion Data Measured Depths (FBGS)

Casing Stickup:

| Interval | Start | Stop |
|-----------|-------|----------|
| CASING | 0' | 992' |
| STEEL | | O.D. 16" |
| Interval | Start | Stop |
| BOREHOLE | 0' | 1004' |
| Interval | Start | Stop |
| SCREEN | 320' | 992' |
| Interval | Start | Stop |
| PLUG BACK | 992' | 1004' |



Calculated Depths and Elevations

Initial Water Elevation: 4942 (FAMSL)

Initial Depth To Water: 188 (FBGS)

Last measured water level was FASL

measured on

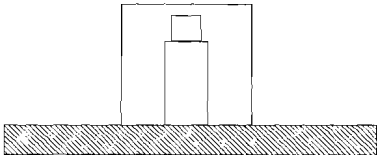
Date Updated: 4-MAR-00

Date Printed: 12-JAN-2004

WELL DATABASE SUMMARY SHEET

| | | | |
|-----------------------------|----------------|---------------------------------|-----------------------------|
| Object Name: | HOMESTEAD WELL | Geo Location: | EAST OF MANZANO BASE YATES |
| ADS #: | NA | Well Completion Date: | 01-JAN-1930 |
| Well Name: | YATES(LURA) | Completion Zone: | BEDROCK |
| Owner Name: | KAFB | Formation of Completion: | SANDIA GRANITE |
| Drilling Started: | | Well Comment: | OLD HOMESTEAD WINDMILL WELL |
| Drilling Contractor: | UNKNOWN | | |
| Drilling Method: | UNKNOWN | | |
| Coring Depth: | 61 | | |
| Casing Depth: | | | |

| Survey Data | Completion Data Measured Depths (FBGS) |
|--------------------------------|--|
| Survey Date: | |
| Surveyed By: | |
| State Plane Coordinates | |
| Easting: | 432163.908 |
| Northing: | 1468922.243 |



| Interval | Start | Stop |
|-----------------------|-------|-------|
| ESTIMATED TOTAL DEPTH | 0' | 61.3' |
| MISC WINDMILL PIPE | | |
| SANDIA GRANITE | | |

Surveyed Elevations (FAMSL)

Protective Casing:

Top of Inner Well Casing: 6102

Concrete Pad:

Ground Surface: 6100



Calculated Depths and Elevations

Initial Water Elevation: 6080
(FAMSL)

Initial Depth To Water: 19
(FBGS)

Last measured water level was 6079.4 **FASL**
measured on 12-SEP-1996

Date Updated: MAR-00 **Date Printed:** 12-JAN-2004