April 22, 1996

Ms. Teri Davis
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, NM 87502

Dear Ms. Davis:

Subject: Sampling Logs

Enclosed please find copies of field sampling logs for Person Station monitor wells PSMW-1R, 3B, 8B, 17-500, 17-600, 21-500, 21-800, 25-800, and 27-500. These wells were split sampled by PNM and the NMED on either April 18 or 19, 1996.

If you have any questions, please contact me at (505) 241-2998.

Sincerely,

Ron Johnson

Ron D. Johnson
Sr. Environmental Scientist

enclosures

WELL ID: PMW-1R	MONITOR WELL SAMPLING LOG (1of2)	DATE: 4/18/96

PURPOSE: B. ANNUAL SAMPLING + NMED CME

SAMPLERS: ANNIE GONZALEZ GARY RICHARDSON

WEATHER: CLEAR - PARTLY CLOUDY WINDS 0-5MPH APPROX. 60°F

Sounder Used: SONNGT

TOTAL DEPTH OF WELL: 140.40 Feet

DEPTH TO WATER: 129.15 Feet

WATER IN WELL: 11.25 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 1.84 GALLONS x 3 = 5.50 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)
NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 8 gallons

ACTIVITY LOG

TIME	ACTIVITY	Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:30	Calib. Meter # 2 at 7 pH and 10 pH; Conductivity at 998 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By:						
:	Start Purge Pump	Controller # 2 Settings					
:	First Water From Purge Pump						
:	Controller Optimized						
09:20	Start Sample Pump (End Purge Pump)						
09:20	First Water From Sample Pump						
09:35	Controller Optimized	120	B		C/8		400
09:50	End Purge (8 Total Gallons Purged)						
09:51	Adjust Flow (For VOC's)	60	D		C/8		400

TIME	Collect	By	Analytical Method	Preservation
09:52	3-40mL VOA 3-40mL VOA	AMG AMG	601/8010 624/8240	HCL HCL
09:52	1 PL	AMG	RCRA METALS	NITRIC ACID
09:52	1 PL	AMG	CYANIDE	NaOH
09:52	1 PL	AMG	SULFIDE	NaOH + ZnAc
09:52	2 AG	AMG	DIOXINS/FURANS GC/MS SCAN	—
09:52	2 AG	AMG	614/8140	—
09:52	2-AG	AMG	608/8080 PESTICIDE	—
09:52	2-AG	AMG	615/8150 HERBACIDES	—
09:52	2 AG	AMG	625/8270	—

Packer Inflation Pressure: N/A Packer Held Pressure At:

10:20 Turn Pump Off (End Cylinder Pressure: 1800)

NMED 2-40mL VOA 8240 - Preservation HCL

Form Date 03/09/95

WELL ID: PSMW-1R

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4/18/96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
09:28	2	—		
09:32	4	6.97	2690	65.6
09:37	5	6.96	2540	65.3
09:40	6	6.97	2400	65.2
09:43	7	6.95	2390	65.2
09:47	8	6.96	2395	65.0
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	09:20	10:20	2300	1800
2	:	:		
3	:	:		
4	:	:		

NOTES

Form Date 03/09/95

WELL ID: PSMW-3B

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4-18-96

PURPOSE: Biannual Sampling + NMED CME

SAMPLERS: Ron Johnson, Frank Sanchez (NMED), Teri Davis (NMED), Phil Berry

WEATHER: Mostly clear, 70°F, winds 5-10 mph

Sounder Used: _____

TOTAL DEPTH OF WELL: 147.45 Feet

DEPTH TO WATER: 125.97 Feet

WATER IN WELL: 21.48 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 3.51 GALLONS x 3 = 10.5 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 13 gallons

ACTIVITY LOG

TIME	ACTIVITY	Controller # 1 Settings					
		Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:30	Calib. Meter # 1 at 7 pH and 10 pH; Conductivity at 1016 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By: GR/RJ on 3/25/96						
:	Start Purge Pump						
:	First Water From Purge Pump						
:	Controller Optimized						
09:12	Start Sample Pump (End Purge Pump)						
09:18	First Water From Sample Pump						
09:24	Controller Optimized	120	B1/4		C		525 ml
09:54	End Purge (15 Total Gallons Purged)						
09:58	Adjust Flow (For VOC's)	68	D		C		—

TIME	ACTIVITY	By	Analytical Method	Preservation
10:00	Collect: 3X40ml VOA	By: RDJ	Analytical Method: 8010	Preservation: HCl
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Packer Inflation Pressure:		Packer Held Pressure At:	
10:05	Turn Pump Off (End Cylinder Pressure: 300)			

Form Date 03/09/95

WELL ID: PSMW-3B

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4-18-96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH (0.1)	Conductivity (umhos/cm) (20)	Temperature (oF) (1°C)
09:27	3.0	6.85	1444	66.6
09:31	5.0	6.99	1469	66.5
09:36	7.0	6.99	1459	65.8
09:41	9.0	7.03	1443	64.9
09:46	11.0	7.07	1431	64.2
09:48	12.0	7.05	1446	64.8
09:50	13.0	7.02	1436	64.8
09:52	14.0	7.03	1437	64.3
09:54	15.0	7.02	1440	64.3
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	09:17	10:04	800	300
2	__:__	__:__		
3	__:__	__:__		
4	__:__	__:__		

NOTES

NMED CME in progress. NMED collected 2x 40ml VOA for 8240 analysis @ 10:02.

Form Date 03/09/95

WELL ID: PSMW-8B

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4/18/96

PURPOSE: B, Annual Sampling + NMED CME

SAMPLERS: Annie Sanchez Phil Berry

WEATHER: Approx 72°F Winds 0-10mph

Sounder Used: Solinst

TOTAL DEPTH OF WELL: 169.40 Feet

DEPTH TO WATER: 146.95 Feet

WATER IN WELL: 22.45 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 3.66 GALLONS x 3 = 10.99 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 13 gallons

ACTIVITY LOG

TIME	ACTIVITY	Controller # 1 Settings					
		Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:30	Calib. Meter # 2 at 7 pH and 10 pH: Conductivity at 998 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By:						
:	Start Purge Pump						
:	First Water From Purge Pump						
:	Controller Optimized						
13:45	Start Sample Pump (End Purge Pump)						
13:46	First Water From Sample Pump						
13:50	Controller Optimized	120	B/3		C		500
14:24	End Purge (13 Total Gallons Purged)						
14:25	Adjust Flow (For VOC's)	75	C/2		C		500
14:26	Collect: 3-40mL VOA By: AMG Analytical Method: 601/8010 Preservation: HCL						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Collect: By: Analytical Method: Preservation:						
:	Packer Inflation Pressure: Packer Held Pressure At:						
14:28	Turn Pump Off (End Cylinder Pressure: 1100)						

Form Date 03/09/95

WELL ID: PSMW-8B

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4/18/96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
13:54	3	—	—	73.0
14:02	6	6.89	1570	72.2
14:10	8	6.80	1560	72.1
14:14	10	6.79	1553	72.0
14:16	11	6.79	1550	71.9
14:20	12	6.80	1547	71.9
14:23	13	6.80	1548	
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	13:45	14:28	1600	1100
2	:	:		
3	:	:		
4	:	:		

NOTES

Form Date 03/09/95

WELL ID: DMW-17-500

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4/18/96

PURPOSE: Bi Annual Sampling + NMED CMG

SAMPLERS: Annie Sanchez Gary Richardson

WEATHER: Clear - Partly Cloudy Winds 10-15mph Approx 65°F

Sounder Used: n/a

TOTAL DEPTH OF WELL: — Feet

DEPTH TO WATER: — Feet

Approx WATER IN WELL: 15 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 2.45 GALLONS x 3 = 7.34 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 14 gallons

ACTIVITY LOG

TIME	ACTIVITY	Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:30	Calib. Meter # 2 at 7 pH and 10 pH; Conductivity at 998 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By:						
:	Start Purge Pump (Controller # 3 Settings)						
:	First Water From Purge Pump						
:	Controller Optimized						
10:41	Start Sample Pump (End Purge Pump)						
10:42	First Water From Sample Pump						
11:21	Controller Optimized	150	C		C7/8		375
12:03	End Purge (14 Total Gallons Purged)						
12:04	Adjust Flow (For VOC's)	125	D		C7/8		375

TIME	ACTIVITY	By	Analytical Method	Preservation
12:05	Collect: 3-40 mL VOA	By: AMS	Analytical Method: 601/8010	Preservation: HCl
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:
:	Collect:	By:	Analytical Method:	Preservation:

10:40 Packer Inflation Pressure: 228 Packer Held Pressure At: 220

12:15 Turn Pump Off (End Cylinder Pressure: 1200)

NMED Sample 2-40mL VOA 8240

1-LT AG 8270

Form Date 03/09/95

WELL ID: PSMW-17-500

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4/18/96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
10:56	3			69.6
11:20	6	7.34	404	68.3
11:35	9	7.55	401	69.9
11:50	11	7.67	411	70.4
11:56	12	7.62	415	70.1
11:58	13	7.62	415	69.9
12:03	14	7.61	413	
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	10:41	12:15	1800	1200
2	:	:		
3	:	:		
4	:	:		

NOTES

Form Date 03/09/95

WELL ID: PSMW-17-600

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4-18-96

PURPOSE: Biannual Sampling + NMED CME

SAMPLERS: Ron Johnson, Phil Berry, Mike LeSquenne (NMED)

WEATHER:

Sounder Used: NA

TOTAL DEPTH OF WELL: — Feet

DEPTH TO WATER: — Feet

assume WATER IN WELL: 15 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 2.448 GALLONS x 3 = 7.344 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 15 gallons

ACTIVITY LOG

TIME	ACTIVITY	Controller # 4 Settings					
		Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:30	Calib. Meter # 1 at 7 pH and 10 pH; Conductivity at 1016 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By: NA						
:	Start Purge Pump						
:	First Water From Purge Pump						
:	Controller Optimized						
10:38	Start Sample Pump (End Purge Pump)						
10:46	First Water From Sample Pump						
11:06	Controller Optimized	145	6		7		400
11:58	End Purge (15 Total Gallons Purged)						
12:00	Adjust Flow (For VOC's)	120	10		7		—

TIME	ACTIVITY	By	Analytical Method	Preservation
12:02	Collect: 3X40ml VOA	RDJ	8010	HCl
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			

10:35 Packer Inflation Pressure: 260 Packer Held Pressure At: ~~250~~ 255

12:05 Turn Pump Off (End Cylinder Pressure: 1600)

Form Date 03/09/95

WELL ID: 17-600

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4/18/96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
11:05	3.0	7.40	463	73.4
11:14	5.0	7.67	364	71.9
11:23	7.0	7.98	360	71.5
11:32	9.0	8.03	358	71.5
11:38	10.0	8.04	357	71.7
11:42	11.0	8.03	357	71.6
11:45	12.0	8.03	359	71.5
11:49	13.0	8.03	358	71.4
11:54	14.0	8.02	359	71.5
11:58	15.0	8.03	355	71.1
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	10:38	12:05	2200	1600
2	:-	:-		
3	:-	:-		
4	:-	:-		

NOTES

NMED CME in progress. NMED collected:
2X40 ml (HCl pres) for 8240,
1X1000 ml AG (no pres) for 8270

Form Date 03/09/95

WELL ID: PSMW-21-500

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4-19-96

PURPOSE: Biannual Sampling + NMED CME

SAMPLERS: Ron Johnson, Gary Richardson, Teri Davis, Frank Sandoz, Mike LeSpam } NMED

WEATHER: Clear, 50°F, winds 5-10 mph

Sounder Used: NA

TOTAL DEPTH OF WELL: _____ Feet

DEPTH TO WATER: _____ Feet

assume WATER IN WELL: 15 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 2.45 GALLONS x 3 = 7.34 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 14 gallons

ACTIVITY LOG

TIME	ACTIVITY	Controller # 3 Settings					
		Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:25	Calib. Meter # 1 at 7 pH and 10 pH; Conductivity at 1016 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By:						
:	Start Purge Pump						
:	First Water From Purge Pump						
:	Controller Optimized						
08:48	Start Sample Pump (End Purge Pump)						
08:48	First Water From Sample Pump						
09:02	Controller Optimized	160	C		C3/4		425
10:01	End Purge (14 Total Gallons Purged)						
10:04	Adjust Flow (For VOC's)	140	D		C3/4		—

TIME	ACTIVITY	By	Analytical Method	Preservation
10:06	Collect: 3X40ml VOA	RDJ	8010	HCl
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			

08:45 Packer Inflation Pressure: 235 Packer Held Pressure At: 235

10:12 Turn Pump Off (End Cylinder Pressure: 2100)

Form Date 03/09/95

WELL ID: 21-500

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4-19-96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
09:00	2.0	7.42	356	62.8
09:11	4.0	7.26	354	62.7
09:20	6.0	7.68	348	62.5
09:32	8.0	7.84	348	61.5
09:41	10.0	7.88	353	62.6
09:46	11.0	7.88	355	63.3
09:51	12.0	7.89	355	63.1
09:56	13.0	7.90	351	62.5
10:01	14.0	7.90	356	62.6
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__:__				
__:__				
__:__				
__:__				
__:__				
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	08:48	09:52	900	~300
2	09:52	10:12	2200	2100
3	__:__	__:__		
4	__:__	__:__		

NOTES

NMED CME in progress. NMED collected: 2x40ml VOA for 8240; 1x1000ml AG for 8270.

Form Date 03/09/95

WELL ID: Bmw 21-800 **MONITOR WELL SAMPLING LOG (1of2)** DATE: 4/19/96

PURPOSE: Biannual Sampling, NMED LMF (Terry Davis & Mike La Squore Neal & Frank Sanchez)

SAMPLERS: John Haler Phil Berry

WEATHER: Clear, breezy, 55°F

Sounder Used: NA

TOTAL DEPTH OF WELL: _____ Feet

DEPTH TO WATER: _____ Feet

assume WATER IN WELL: 15 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING ✓

x f = 2.448 GALLONS x 3 = 7.3440 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 17 gallons

ACTIVITY LOG

TIME	ACTIVITY
08:25	Calib. Meter # 2 at 7.00 pH and 10.00 pH; Conductivity at 1015 umhos/cm. Calib. By: JH
:	Depth to Water Measurement. Performed By:
:	Start Purge Pump
:	First Water From Purge Pump
:	Controller Optimized
08:38	Start Sample Pump (End Purge Pump)
08:38	First Water From Sample Pump
08:42	Controller Optimized
10:06	End Purge (17 Total Gallons Purged)
10:08	Adjust Flow (For VOC's)
10:10	Collect: 3x40mL VOA By: JH Analytical Method: 8010 Preservation: HCl
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
:	Collect: By: Analytical Method: Preservation:
08:38	Packer Inflation Pressure: 345 Packer Held Pressure At: 340
10:12	Turn Pump Off (End Cylinder Pressure: 300)

Controller # 4 Settings

Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
160	7		7½		425
140	10		7½		

Form Date 03/09/95

WELL ID: PSMW 21-800

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4/19/96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
0855 ~~08:55~~	3	6.83	477	57.7
09:13	6	6.84	470	56.1
09:25	9	7.30	474	57.9
09:42	12	7.71	473	58.0
09:56	15	7.72	465	55.5
10:02	16	7.76	475	58.4
10:06	17	7.75	478	59.2
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CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	08:38	10:12	1100	300
2	__:__	__:__		
3	__:__	__:__		
4	__:__	__:__		

NOTES

Form Date 03/09/95

WELL ID: PSMW 25-500

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4/19/96

PURPOSE: Biannual Sampling, NMED CMF (Mike LeScouarnec, Frank Sanchez)

SAMPLERS: John Haler Phil Berry

WEATHER: Clear, breezy, 55°F

Sounder Used: NA

TOTAL DEPTH OF WELL: _____ Feet

DEPTH TO WATER: _____ Feet

assume WATER IN WELL: 15 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 2.448 GALLONS x 3 = 7.344 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE: FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 17 gallons

ACTIVITY LOG

TIME	ACTIVITY	Controller # 4 Settings					
		Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:25	Calib. Meter # 2 at 7.00 pH and 10.00 pH; Conductivity at 1015 umhos/cm. Calib. By: JH						
:	Depth to Water Measurement. Performed By:						
:	Start Purge Pump						
:	First Water From Purge Pump						
:	Controller Optimized						
10:39	Start Sample Pump (End Purge Pump)						
10:39	First Water From Sample Pump						
10:59	Controller Optimized	165	7½		12		525
12:15	End Purge (17 Total Gallons Purged)						
12:18	Adjust Flow (For VOC's)	140	10		12		

TIME	ACTIVITY	By	Analytical Method	Preservation
12:20	Collect: 3x40mL VOA	JH	8010	HCl
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			

10:39 Packer Inflation Pressure: 355 Packer Held Pressure At: 350

12:22 Turn Pump Off (End Cylinder Pressure: 1400)

Form Date 03/09/95

WELL ID: PSMW25-800

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4/19/96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
10:57	3	7.28	473	58.9
11:14	6	7.89	484	60.8
11:30	9	7.42	484	61.6
11:48	12	8.13	468	59.4
12:04	15	8.05	470	59.7
12:10	16	8.04	477	61.3
12:15	17	8.00	478	61.1
:	18			
:				
:				
:				
:				
:				
:				
:				
:				
:				
:				

CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	10:39	12:22	2300	1400
2	:	:		
3	:	:		
4	:	:		

NOTES

Form Date 03/09/95

WELL ID: PSMW-27-SDD

MONITOR WELL SAMPLING LOG (1of2)

DATE: 4-19-96

PURPOSE: Biannual Sampling + NMED CME

SAMPLERS: Ron Johnson, Gary Richardson, Frank Sanchez (NMED)

WEATHER: Clear, 60°F, winds 5-10 mph

Sounder Used: NA

TOTAL DEPTH OF WELL: _____ Feet

DEPTH TO WATER: _____ Feet

assum WATER IN WELL: 15 Feet

WELL CASING INNER DIAMETER: 2 INCHES

f = 0.6528 gal/foot FOR 4 INCH CASING

f = 0.1632 gal/foot FOR 2 INCH CASING

x f = 2.45 GALLONS x 3 = 7.34 GALLONS PURGE NEEDED

NOTE: ADD 2 GALLONS TO PURGE TO ACCOUNT FOR WATER IN PUMP LINES (IF APPLICABLE)

NOTE:FOR PACKER WELLS PURGE APPROX. 1.25 GALLONS PER 100FT. OF WELL DEPTH

Total Purge Target: 14 gallons

ACTIVITY LOG

TIME	ACTIVITY	Controller # 3 Settings					
		Throttle (psi)	Discharge Set	Discharge Time(s)	Refill Set	Refill Time(s)	Cycle Volume
08:25	Calib. Meter # 1 at 7 pH and 10 pH; Conductivity at 1016 umhos/cm. Calib. By: RDJ						
:	Depth to Water Measurement. Performed By: NA						
:	Start Purge Pump						
:	First Water From Purge Pump						
:	Controller Optimized						
10:45	Start Sample Pump (End Purge Pump)						
10:46	First Water From Sample Pump						
11:04	Controller Optimized	180	C 1/8		D 1/8		410
12:19	End Purge (14 Total Gallons Purged)						
12:20	Adjust Flow (For VOC's)	160	D		D 1/8		—

TIME	ACTIVITY	By	Analytical Method	Preservation
12:28	Collect: 3X40ml VOA	RDJ	8010	HCl
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			
:	Collect:			

10:40 Packer Inflation Pressure: 230 Packer Held Pressure At: 225

12:29 Turn Pump Off (End Cylinder Pressure: 1200)

Form Date 03/09/95

WELL ID: 27-500

MONITOR WELL SAMPLING LOG (2of2)

DATE: 4-17-96

FIELD SAMPLE ANALYSIS

Time	Purge Volume (Gal)	pH	Conductivity (umhos/cm)	Temperature (oF)
11:00	2.0	—	—	64.6
11:06	3.0	7.44	431	61.3
11:14	4.0	7.38	420	60.0
11:25	6.0	7.67	512	59.6
11:39	8.0	7.80	454	60.4
11:51	10.0	7.90	444	61.3
11:57	11.0	7.98	448	61.1
12:05	12.0	8.05	448	61.0
12:12	13.0	8.08	444	62.0
12:19	14.0	8.09	443	
__:__				
__:__				
__:__				
__:__				
__:__				
__:__				
__:__				
__:__				

CYLINDER GAS USAGE

Cylinder	Start Time	End Time	Start Pressure (PSI)	End Pressure (PSI)
1	10:45	12:29	2100	1200
2	__:__	__:__		
3	__:__	__:__		
4	__:__	__:__		

NOTES

NMED CME in progress. NMED collected 2X40ml VOA for 8240 & 1X1000ml AG for 8270 @ 12:22

Form Date 03/09/95

FIELD LOG

FACILITY NAME: PNM Person Station

HRMB ACTIVITY: CME

WELL ID: 27C (500) ELEVATION: 5154.05'

COLLECTION DATE: 4/19/96

HRMB PERSONNEL: Frank Sanchez

FACILITY PERSONNEL: Ron Johnson Gary Richardson

WEATHER CONDITIONS: very windy, mid 60's

CASING DIAMETER(ft): 0.17 ft.

TOTAL DEPTH (**TD**)(drilled): 592'

PERMANENT MARKER: 4'x4' concrete pad

MEASURING POINT:

TD: 592'

DEPTH TO WATER: 265.03' TIME: 11:22AM 4/1/96

CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV): 5154.05' - 265.03' =

INSTRUMENT USED: Solinst (Serial # 17194)

MEASURED BY: Don Boggs

IMMISCIBLE LAYER DETECTION:

remarks:

PUMP/BAILER INFO:

WELL VOLUME: 2.45 gallon x 3 + wt/ H_2O in tubing

PURGE START(t): 10:45A PURGE END(t): PURGE TIME:

VOLUME PURGED: 14 gallons

WATER LEVEL RECOVERY: n/a TIME:

remarks:

H_2S smell

time collected:_____ time measured:_____

time	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C) (°F)
11:06	7.44	431	64.6
12:05	8.05 @12 gal	448	61.1
12:19	8.09 @14 gal	443	62.0

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
~~8010/8020~~		
8240 (2X)	(1) 12:25 P (2) 12:26 P	
~~8010/8020(bb)~~		
8270	12:28 P	

6010

Alk,Cl,F,SO4

NO3

FIELD LOG

FACILITY NAME: PRM Pearson Station

HRMB ACTIVITY: CME

WELL ID: 21-300 ELEVATION: ~~5074.84~~ 5108.26

COLLECTION DATE: 4/19/96

HRMB PERSONNEL: Frank Sanchez, Mike LeSeum, Tere Davis

FACILITY PERSONNEL: Ron Johnson Gary Richardson

WEATHER CONDITIONS: windy, sunny

CASING DIAMETER(ft): 2"

TOTAL DEPTH (TD)(drilled): ~~772~~ 301'

PERMANENT MARKER: 4x4 concrete pad

MEASURING POINT:

TD:

DEPTH TO WATER: 215.99 TIME: 1314 4/1/96

CHECK-DEPTH TO WATER: N/A TIME:

STATIC WATER LEVEL (ELEV): N/A
INSTRUMENT USED: Solinst #17194
MEASURED BY: Doc Bigs
IMMISCIBLE LAYER DETECTION: None

remarks:

PUMP/BAILER INFO:
WELL VOLUME: 2.45 gal @ 14 gal target purge

PURGE START(t): ~~4:00~~ 8:48 PURGE END(t): PURGE TIME:

VOLUME PURGED: 14 gallons

WATER LEVEL RECOVERY: N/A TIME:

remarks:

H_2S smell during purge

time collected:_____ time measured:_____

Time	pH	Pump psi	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C)
9:00	7.42	20	356	62.8

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
~~8010/8020~~		
8240	10:08 A	
(2x)	10:10 A	
8010/8020(bb)		
8270	10:12 A	
6010		
Alk,Cl,F,SO4		
NO3		

7/14/93 CFW-3 Tailgate Safety meeting 8:15 am

* note yellowish-brown LNAPL present in CAUL bailer sample.

Owner	Parameter	Time	Collector	Container	Preservative
NMED	VOC	8:35	JL/USGS	(2) (40 ml glass vials)	HCL
USGS	VOC-1dup	8:33	JL/USGS	(3) 40 ml glass vials	HCl
NMED	MBTE	8:35	JL/USGS	(2) " " "	"
USGS	MBTE-1dup	8:33	JL/USGS	(3) " " "	"
USGS	TOC-1dup	8:45	JL/USGS	(2) 250 ml amber glass	
USGS	TOX-	8:46	JL/USGS	(2) 250 ml glass	
NMED	SVOC	8:51 * (distinct smell of other VOCs)	"	(2) 1 l amber glass	none
USGS	SVOC-dup	8:48	"	(6) 1 l amber glass	none
NMED	Metals ~~other~~	8:57	"	(1) cubi 1 l	HNO_3
USGS	Metals-dup	8:58	"	(2) 1 l plastic	HNO_3
NMED	CN	9:05	"	(1) cubi 1 l	NaOH
USGS	CN	9:04	"	(2) cubi 1 l	NaOH

Time	vol (gal)	pH	Temp	Cond	Turbidity NTU
8:39	2.0 (20)	6.68	23.5	13,000	81.4
3:45	1.5 (21.5)	6.68	23	13,000	92.4
		end-of-day			
7/14 8:19	1.0 (22.5)	6.93	23	13,200	26.5
8:21	2.0 (24.5)	6.92	22.5	13,200	23.7

Post

CFW-2 photo 1012, 2-

rinsate - equipment blanks U.S.G.S. sampled 10:35.

same as previous days.

Background PIDreading 0 meter units (MU)

in well PIDreading 0.5 MU

40.05' - SWL from TOC 11:00 am

62.44' - TD

teflon bailers used to check for LNAPL - DNAPL

LNAPL - immisible layer - 0.04' brownish globs, 41.7 ppm PIDreading

glob-like clusters of oil throughout bailer.

DNAPL - clusters of oil visible in bottom of bailer not DNAPL.

* U.S.G.S. recalibrates parameter equipment between each well.

Time	Volume	pH	Temp	Cond	turbidity	
11:07	1.5	7.11	23.5	12,800	17.1	
11:10	2.5 (4)					
11:14	4.0 (8)					
11:15	1.5 (9.5)	7.22	23.5	13,500	23.4	→ bail
11:20	2.0 (14)	7.24	23.0	14,000	18.9	→
11:24	1.5 (17.5)	7.32	23.0	14,200	14.8	→
11:28	1.5 (21.5)	7.26	23.0	14,500	24.7	→
11:34	4.0 (26.0)	-	-	-	-	
12:17	4.0 (32)	7.32	23.5	14,500	17.3	
12:22	4.5 (36.5)	7.26	23.0	14,500	29.3	→
12:30	4.0 (44.5)	7.24	23.0	15,000	[illegible]	
1:41	(72.5)	7.21	23.0	15,200	10.8	
Post-sampling 2:50	-	7.34	23.0	15,200	13.6	

FIELD LOG

FACILITY NAME: PNM

HRMB ACTIVITY: CME

WELL ID: 21-800 ELEVATION: 5108.26

COLLECTION DATE: 4-19-96

HRMB PERSONNEL: Michael Le Scouarnec

FACILITY PERSONNEL: Ron Johnson

WEATHER CONDITIONS: Breezy sunny mid 50s

CASING DIAMETER(ft):

TOTAL DEPTH (**TD**)(drilled):

PERMANENT MARKER:

MEASURING POINT:

TD: 772'

DEPTH TO WATER: 224.25 TIME: 12:17 4/1/96 Dan Briggs

CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV):
INSTRUMENT USED: Serial # 17194
MEASURED BY: Dan Briggs
IMMISCIBLE LAYER DETECTION:

remarks:

PUMP/BAILER INFO:
WELL VOLUME:

PURGE START(t): 8:38 PURGE END(t): PURGE TIME:

VOLUME PURGED: 17 gall

WATER LEVEL RECOVERY: TIME:

remarks:

time collected:_____ time measured:_____

	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C)
8:55	6.83	479	57.7
9:12	6.84	470	56.1
9:25	7:81	474	57.9
9:41	7:71	473	58.0
	remarks:		

ANALYSIS	TIME COLLECTED	REMARKS
8010/8020		
↳ metric corp. 3X 40 mL HCl		
	NMed	
8010/8020(bb)	2X 40 mL HCl	10:12
	1X LPT aq —	10:14
6010		
Alk,Cl,F,SO4		
NO3		

FIELD LOG

FACILITY NAME: PNM

HRMB ACTIVITY: CME

WELL ID: 25-800 ELEVATION:

COLLECTION DATE: 4-19-96

HRMB PERSONNEL: Mike Le Scouarnec

FACILITY PERSONNEL: PHILIP

WEATHER CONDITIONS: Breezy sunny mid 50

CASING DIAMETER(ft):

TOTAL DEPTH (**TD**)(drilled):

PERMANENT MARKER:

MEASURING POINT:

TD:

DEPTH TO WATER: TIME:

CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV):
INSTRUMENT USED:
MEASURED BY:
IMMISCIBLE LAYER DETECTION:

remarks:

PUMP/BAILER INFO:
WELL VOLUME:

PURGE START(t): PURGE END(t): PURGE TIME:

VOLUME PURGED: 18 gal

WATER LEVEL RECOVERY: TIME:

remarks:

time collected:_____ time measured:_____

	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C)
10:51	7.28	473	58.9
11:14	7.29	484	60.8
11:30	7.47	484	61.6

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
8010/8020		
Metric		
3x40ml VOC		VMED [2x40mL HCL 8240 VOC; 1x1LT AG — 8270 SVOC
8010/8020(bb)		C 12:20 12:22
6010		
Alk,Cl,F,SO4		
NO3		

FIELD LOG

FACILITY NAME: PNM Person Station

HRMB ACTIVITY: CME

WELL ID: 8B ELEVATION:

COLLECTION DATE: 4/18/96

HRMB PERSONNEL: Frank S.

FACILITY PERSONNEL: Anni Moore Sandler, Phil Berry (Metric Corp.)

WEATHER CONDITIONS: Breezy mid 70's

CASING DIAMETER(ft): 0.17 ft.

TOTAL DEPTH (**TD**)(drilled): 169.40 ft.

PERMANENT MARKER: 2' x 2' concrete pad

MEASURING POINT:

TD: 169.40

DEPTH TO WATER: 146.95 ft. TIME:

CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV): ?

INSTRUMENT USED:

MEASURED BY: Ron Johnson, Gary Richards

IMMISCIBLE LAYER DETECTION:

remarks:

PUMP/BAILER INFO:

WELL VOLUME: 13 gallons

PURGE START(t): 1:45 P PURGE END(t): PURGE TIME:

VOLUME PURGED:

WATER LEVEL RECOVERY: TIME:

remarks:

time collected:_____ time measured:_____

time	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C) (°F)
2:02 PM	6.89	1570	73

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
~~8010/8020~~		
8240	2:23 PM	
24	2:23 PM	
8010/8020(bb)		
6010		
Alk,Cl,F,SO4		
NO3		

FIELD LOG

FACILITY NAME: PNM Person Station

HRMB ACTIVITY: CME

WELL ID: 17(500) ELEVATION: 5,074.81 ft

COLLECTION DATE: 4/18/96

HRMB PERSONNEL: Mike, Frank, Teri

FACILITY PERSONNEL: Ron Johnson

WEATHER CONDITIONS: windy, mid-60's

CASING DIAMETER(ft): 0.17 ft.

TOTAL DEPTH (TD)(drilled): 472' from ground level

PERMANENT MARKER: 2'x2' person 460-470' sandy zone

MEASURING POINT:

TD: 472'

DEPTH TO WATER: 181.72 ft TIME: 13:23

CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV): 181.72 ft. 4/1/96
INSTRUMENT USED: Solinest (Serial # 17194)
MEASURED BY: Don Briggs
IMMISCIBLE LAYER DETECTION:

remarks: Volume: 3x casing volume + whatever is in tubing

PUMP/BAILER INFO:
WELL VOLUME: 2.45 gallons x3 (14 gallons total purge)

PURGE START(t): 10:42 PURGE END(t): ~~12:05~~ 12:03 PM PURGE TIME: 66 minutes

VOLUME PURGED: 14 gallons

WATER LEVEL RECOVERY: TIME:

remarks:

time collected:_____ time measured:_____

Time	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C) (°F)
11:20	~~11:20~~ 7.34	404	69.6
11:35	7.55 @ 9 gallons	401	68.3
11:58	7.62 @ 13 gallons	415	70.1
12:03	7.61 @ 14 gallons	413	69.9

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
~~8010/8020~~		
8240 x 2 (40ml) w/ HCl	(1) 12:10 PM (2) 12:12 PM	
8010/8020(bb)		
1L Ab 8270	12:15 PM	
6010		
Alk,Cl,F,SO4		
NO3		

FIELD LOG

FACILITY NAME: PNM Person's Station

HRMB ACTIVITY: CME

WELL ID: 3B ELEVATION:

COLLECTION DATE: 4/18/96

HRMB PERSONNEL: Teri Davis, Mike Le Scouarnec, Frank Sanchez

FACILITY PERSONNEL: Ron Johnson,

WEATHER CONDITIONS: breezy, mid 60's

CASING DIAMETER(ft): 2"

TOTAL DEPTH (**TD**)(drilled):

PERMANENT MARKER: 2ft x 2ft cement pads

MEASURING POINT: TOC

TD: 147.85'

DEPTH TO WATER: 125.97' TIME: 7/25/96 8:44 am

CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV):
INSTRUMENT USED: Solinst
MEASURED BY:
IMMISCIBLE LAYER DETECTION: none

remarks:

PUMP/BAILER INFO:
WELL VOLUME: 3.5 l x 3 = 10.5 * 13 gal target

PURGE START(t): 9:17 PURGE END(t): 9:54 PURGE TIME:

TPH VOLUME PURGED: 15 gal x 4 l

WATER LEVEL RECOVERY: TIME:

remarks:
* add 2 gals for water in line

time collected:_____ time measured:_____

Time	pH	Purge vol.	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C)
9:27	6.85	3 gal	1444	66.6
9:48	7.05	12 gal	1446	64.8
9:54	7.02	15 gal	1446	64.3

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
PNM 8010/8020	10:00 am	(2) 40 ml /HCL
NMED 8240	10:02 am	(2) " "

8010/8020(bb)

6010

Alk,Cl,F,SO4

NO3

FIELD LOG

FACILITY NAME: PNM Person Station

HRMB ACTIVITY: CME

WELL ID: 1 R

ELEVATION: 5030.32 (Tab)

COLLECTION DATE: 4/18/96

HRMB PERSONNEL:

FACILITY PERSONNEL: Teri Davis, Mike Le Sauvage, Frank Sanchez

WEATHER CONDITIONS: Sunny Mid 60's, Breezy

CASING DIAMETER(ft): 2" or 0.17'

(Tab) TOTAL DEPTH (**TD**)(drilled): 137'

PERMANENT MARKER: 2' X 2' cement pad

MEASURING POINT:

TD: 140.40

DEPTH TO WATER: 129.15 TIME: 08:34 on 3/25/96

±.05 CHECK-DEPTH TO WATER: TIME:

STATIC WATER LEVEL (ELEV):
INSTRUMENT USED: Solinst serial # 17194
MEASURED BY: Ron Jackson, Gary Richardson
IMMISCIBLE LAYER DETECTION: N/A

remarks:

PUMP/BAILER INFO:
WELL VOLUME: 1.84

PURGE START(t): 9:20 PURGE END(t): 9:52 PURGE TIME:

VOLUME PURGED: 8 gal $\pi r^2 h$

WATER LEVEL RECOVERY: TIME:

remarks:

time collected:_____ time measured:_____

Time	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C)
830	~~6.96~~ 7.01	998	64.9

remarks: Roll 1, pit 1 - R-1 well

ANALYSIS	TIME COLLECTED	REMARKS
~~8010/8020~~	9:52	HCL preserv.
NMEP → 8240		
HCL 8240 → 3x40ml VOC		
8010/8020(bb)		
HCL 3x40ml VOC	1 plastic RCRA metals 1 lt. HNO_3	
6010	1 plastic 500ml Total cyanide NaOH	
	1 plastic 500ml sulfide NaOH + ZnAc	
Alk,Cl,F,SO4	2 Amber Dioxin Furan	No Preserv. NO DUP.
	2 AG 614/8140	
NO3	2 AG 608/8080	
	2 AG 615/8150	
	2 AG 625/8270	

FIELD LOG

FACILITY NAME: PNM

HRMB ACTIVITY: CMe

WELL ID: 17 (600) ELEVATION: 5074.81

COLLECTION DATE: 4-18-96

HRMB PERSONNEL: Mike Le Scouarnec

FACILITY PERSONNEL: Ron Johnson Phil Barry

WEATHER CONDITIONS: Sunny mid 60's breezy

CASING DIAMETER(ft): 2" or 0.17'

TOTAL DEPTH (**TD**)(drilled): 552'

PERMANENT MARKER:

2'X2' cement pad

MEASURING POINT: 5074.81

TD: 555.3'

Later DEPTH TO WATER: ~~186~~ 182.45 TIME: 13:16 4/1/96

CHECK-DEPTH TO WATER: _____ TIME: _____

STATIC WATER LEVEL (ELEV): 600
INSTRUMENT USED: solinst
MEASURED BY: Don Pross
IMMISCIBLE LAYER DETECTION: N/A

remarks:

PUMP/BAILER INFO:
WELL VOLUME: 2.5 gall

PURGE START(t): 1038 PURGE END(t): _____ PURGE TIME: _____

VOLUME PURGED: 15 gall.

WATER LEVEL RECOVERY: _____ TIME: _____

remarks:

time collected:_____ time measured:_____

time	pH	CONDUCTIVITY (umhos/cm)	TEMPERATURE (C)
11:05	7.4	463	73.4
11:23	7.98	360	71.5
11:52	8.03	358	71.5
11:58	8.03	355	71.1

remarks:

ANALYSIS	TIME COLLECTED	REMARKS
8010/8020		
↳ 3X40mL HCL Metric cap.		
8010/8020(bb)	2X40ml HCL 8240 at 12:02 12:04	
	1X1Lt — 8270 at 12:06	
6010		
Alk,Cl,F,SO4		
NO3		

INSPECTION PROTOCOL CHECKLIST

Entry Conference Date: 4/18/96 Time: 8:45

Facility Name: PNM Person Station

Participants:

Name	Signature	Title	Phone
Michael LE Souvenel		WRS III	827-1558
Frank Sanchez		Env. Spec.	"
Teri Davis		Geo III	827-1558
Ron Johnson		Sr. Env. Scientist	241-2998
Cheryl Richardson		Prof. Geohydrologist	828-2801

NA Ok ____ Present credentials

NA Ok ____ Cite statutory authority to enter the site (HWA §74-4-4.3)

NA Ok ____ Cite statutory authority to conduct inspection and obtain samples, including photographs (HWA §74-4-4.3)

NA Ok ____ Specify the reason for and nature of the inspection

NA Ok ____ Discuss objectives of and procedures for inspection, including identification of potential violations, and any sampling and photographs

NA Ok ____ Schedule exit conference

Comments: CME RCRA activity

INSPECTION PROTOCOL CHECKLIST

Exit Conference Date: 4/17/96 Time: 1:00pm

Facility Name: PNM Person Station

Participants:

Name	Signature	Title	Phone
Teri Davis	[illegible]	Geo III	827-1558
Ron Johnson	[illegible]	Sr. Env. Scientist	241-2998
Frank Sanchez	[illegible]	Env. Spec.	827-1558
Gary Richardson	[illegible]	Site Geohydrologist	828-2801
John Hale	[illegible]	Env Engineer	241-2014
Michael le Scouarnec	[illegible]	WRS III	827-1558

✓ Discussion of preliminary findings (apparent violations, areas of concern, other)

✓ Report compilation and review process

✓ Anticipated timetable for final determinations

✓ Enforcement procedures and policy, including possible penalties

Comments: