GEOLOGIC AND HYDROLOGIC DATA FOR THE RUSTLER FORMATION NEAR THE WASTE ISOLATION PILOT PLANT, SOUTHEASTERN NEW MEXICO

ENTERED

U.S. GEOLOGICAL SURVEY

Open-File Report 89-32

Prepared in cooperation with the

U.S. DEPARTMENT OF ENERGY

890101

DEPARTMENT OF THE INTERIOR

MANUEL LUJAN, JR., Secretary

U.S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
Water Resources Division
Pinetree Office Park
4501 Indian School Rd. NE, Suite 200
Albuquerque, New Mexico 87110

Copies of this report can
be purchased from:

U.S. Geological Survey
Books and Open-File Reports
Federal Center
Box 25425
Denver, Colorado 80225

CONTENTS

	Page
Abstract	1
Introduction	1
Data presented	3
Well-identification and location systems	3
Reference	6

FIGURES

Figure 1. Map showing the location of the Waste Isolation Pilot Plant (WIPP) facility	2
2. Diagram showing the method of locating wells listed in table 1	4
3. Diagram showing the method of locating wells listed in table 2	5

TABLES

Table 1. Water-level records for wells completed in the Rustler Formation	7
2. Stratigraphic information from geophysical logs	21

CONVERSION FACTORS

Multiply	By	To obtain
millimeter	0.03937	inch
meter	3.281	foot
foot	0.3048	meter

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)--a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called "Sea Level Datum of 1929."

GEOLOGIC AND HYDROLOGIC DATA FOR THE RUSTLER FORMATION NEAR THE WASTE ISOLATION PILOT PLANT, SOUTHEASTERN NEW MEXICO

By Steven F. Richey

ABSTRACT

The U.S. Geological Survey is investigating the geohydrology in the vicinity of the Waste Isolation Pilot Plant in southeastern New Mexico. Data presented in this report were compiled in support of a regional ground-water flow model. The data include water-level measurements obtained from the U.S. Geological Survey's Ground-Water Site-Inventory and OMNIANA data bases and stratigraphic information interpreted from commercial geophysical logs.

INTRODUCTION

The U.S. Geological Survey, at the request of the U.S. Department of Energy, is investigating the geohydrology in the vicinity of the Waste Isolation Pilot Plant (WIPP) in southeastern New Mexico (fig. 1). The WIPP facility is intended for storage of defense-associated transuranic waste in bedded salts of the Permian Salado Formation. Because there may be a potential for radionuclides to escape to the biosphere via ground water, the geohydrology of the area needs to be understood as fully as possible. The purpose of this report is to present data that were compiled in support of a regional ground-water flow model developed by Davies (in press).

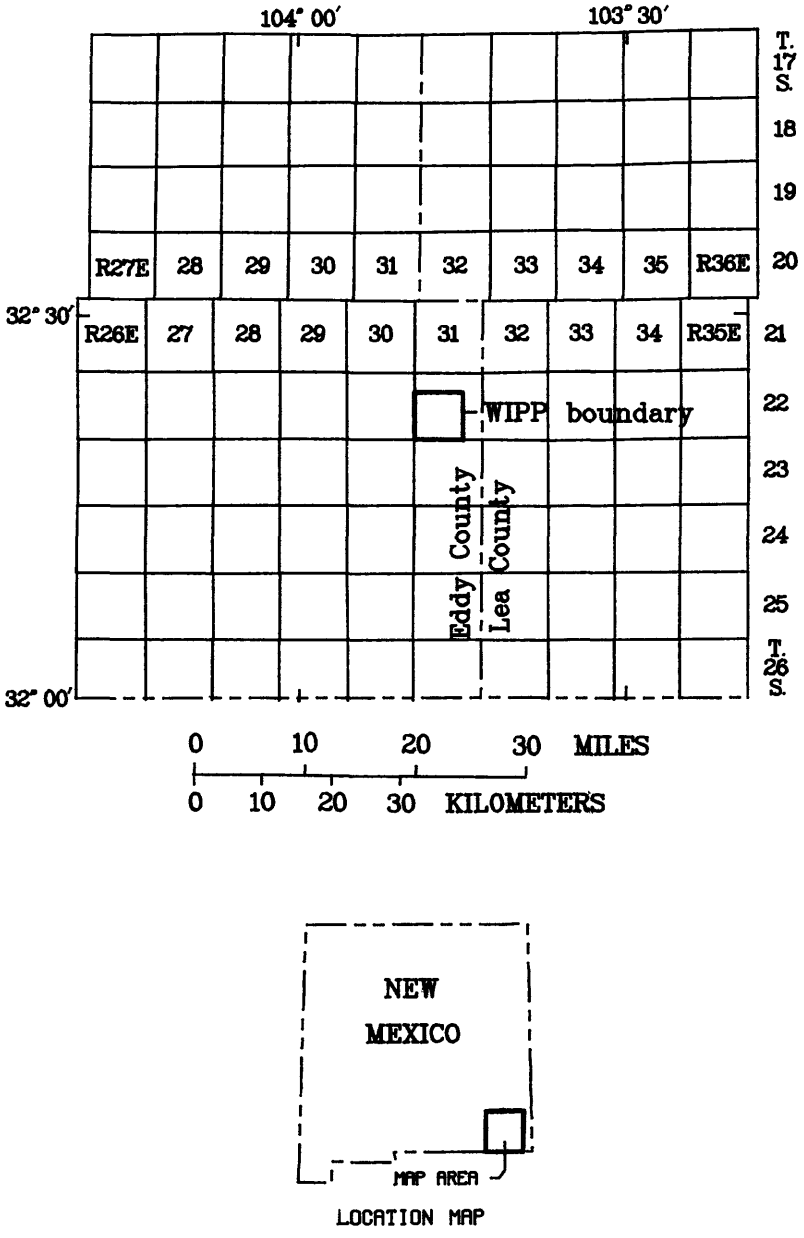

Figure 1.—Location of the Waste Isolation Pilot Plant (WIPP) facility.

DATA PRESENTED

Data presented in the water-level table (table 1) include well identifier and name, well location, water-bearing unit, land-surface altitude, total well depth, date of water-level measurement, and water level. These data were obtained from two U.S. Geological Survey data bases. The Ground-Water Site-Inventory data base (GWSI) is a national data base for storing site and water-level data. OMNIANA is an older data base used by the Survey for the same purpose; the data currently are being transferred to GWSI. Accuracy of land-surface altitudes in GWSI and OMNIANA is unknown because they generally were obtained by locating the wells on topographic maps of various scales.

Data presented in the stratigraphic information table (table 2) include well identifier and name, well location, land-surface altitude at the well, total well depth, and stratigraphic depths to top, which were interpreted from commercial geophysical logs by C.L. Jones and R.P. Snyder of the Survey's Geologic Division. Well name, location, datum altitude, and total well depth usually were obtained from the log headers, and their accuracies are dependent on the drilling and logging companies. Occasionally the datum on a log was missing or ambiguous, in which case the land-surface altitude was obtained from a 1:24,000-scale Survey topographic map. A correction for kelly bushing was added when necessary.

WELL-IDENTIFICATION AND LOCATION SYSTEMS

Wells listed in tables 1 and 2 are given a unique alphanumeric identifier that corresponds to the identification system used by Davies (in press). This identifier is composed of two parts separated by a dash. The first part is a letter code that indicates the type of data associated with the well. "FF" ("far-field" in relation to the WIPP facility) indicates that the data associated with the well primarily are hydrologic in nature. "FFG" indicates that the data associated with the well primarily are geologic in nature and that the well was drilled for mineral exploration. The second part of the identifier is a three-digit number unique within the letter code. Below the identifier in the tables, the common name of the well is provided in parentheses if it is known.

Two methods of locating wells are used in this report, one in the water-level table (table 1) and one in the stratigraphic information table (table 2). Both methods are based on the common subdivision of public lands into sections. In both systems, the well number consists of four or five segments separated by periods (figs. 2 and 3). The first segment is the township number, the second segment is the range number, and the third segment is the section number. Because the WIPP facility is south of the New Mexico Base Line and east of the New Mexico Principal Meridian, the letters "S" and "E" indicating direction from Base Line are not used in this report. Hence, the number 24.29.29 is assigned to any well located in T. 24 S., R. 29 E., sec. 29. The next segments of the well number differ depending on which system is used.

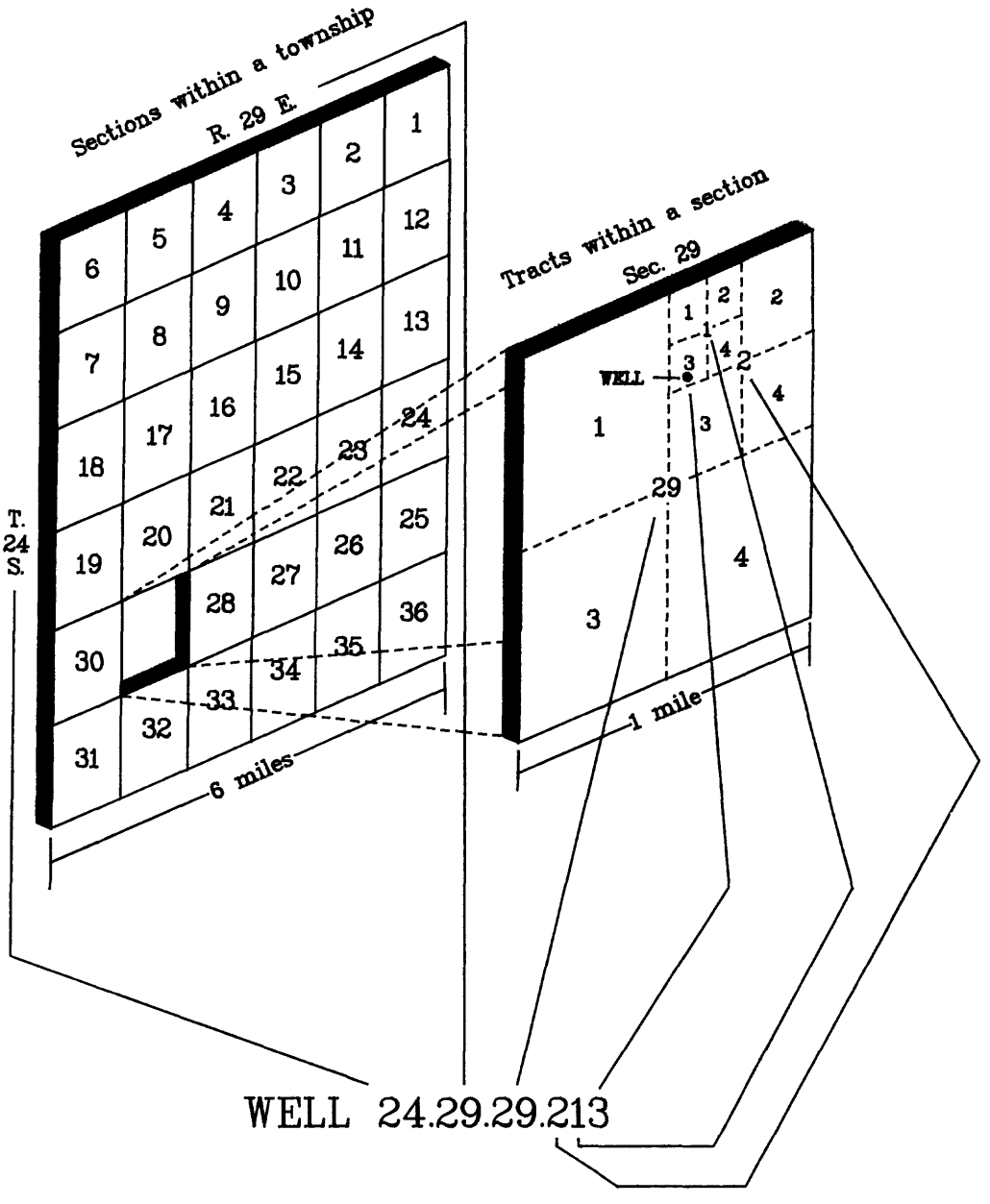

Figure 2.—Method of locating wells listed in table 1.

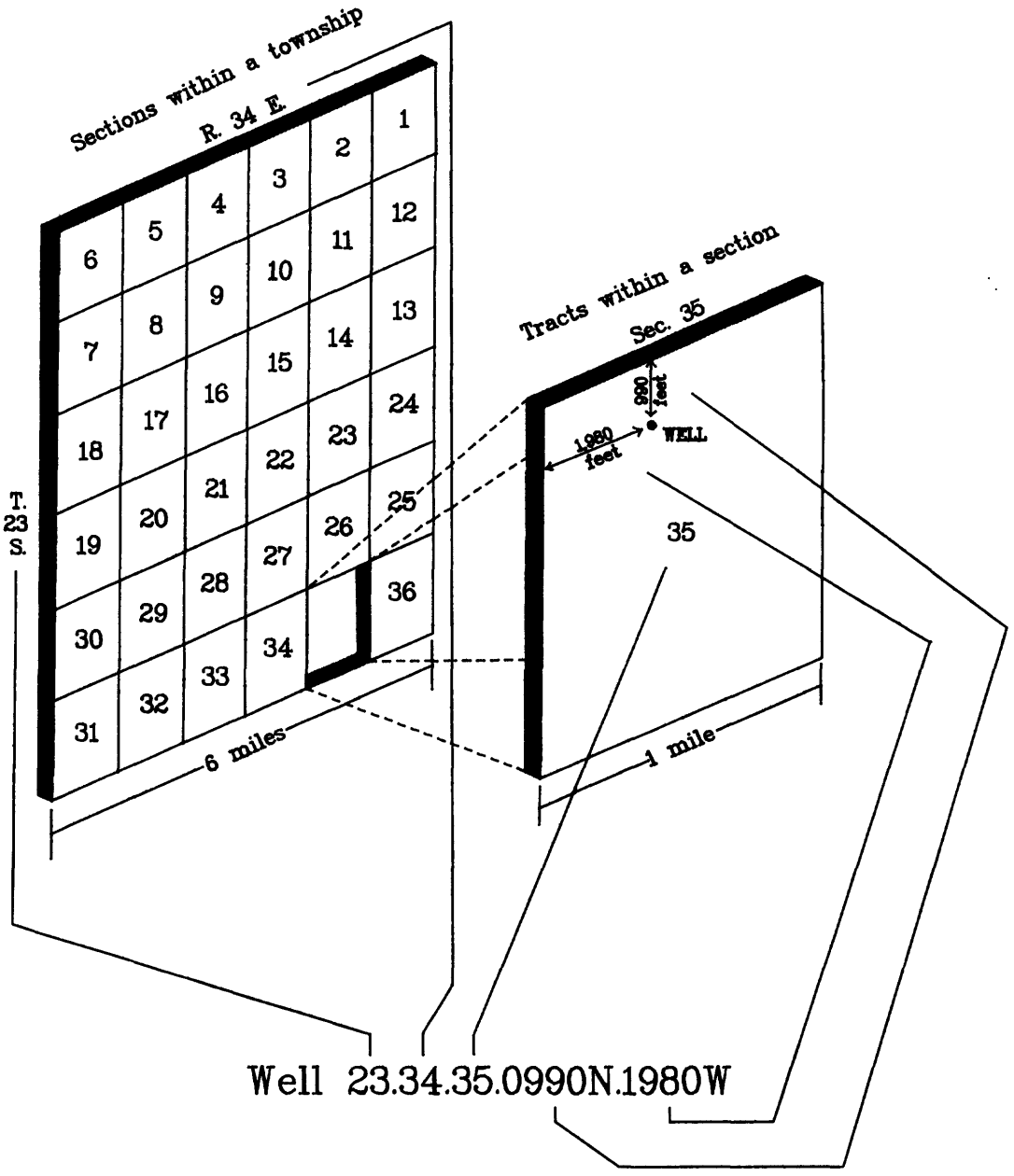

Figure 3.—Method of locating wells listed in table 2.

In table 1, the fourth segment is composed of digits that denote the particular tract within the section in which the well is located. This method of locating wells is shown in figure 2. The section is divided into four quarters, numbered 1, 2, 3, and 4, in the normal reading order, for the northwest, northeast, southwest, and southeast quarters, respectively. The first digit gives the quarter section, which is a tract of 160 acres. Each quarter is subdivided in the same manner, so that the first and second digit together define the 40-acre tract. The 40-acre tract is divided into four 10-acre tracts, and the third digit denotes the 10-acre tract. This division process continues until the well is located as accurately as possible. For example, well 24.29.29.213 is located in the SW 1/4 of the NW 1/4 of the NE 1/4 of T. 24 S., R. 29 E., sec. 29 (fig. 2). Letters A, B, C, and so on are added to the last part of the location number to designate additional wells in the same tract. If a well cannot be located accurately within a tract, a zero is sometimes used as the last digit of the fourth part of the well number.

Oil companies use a different method of locating a well within the section; a modified version of this method is used in the stratigraphic information table (table 2). In this method, shown in figure 3, the well number contains fourth and fifth segments that represent the number of feet from the indicated section line to the well. For example, "0990N.1980W" describes a well that is 990 feet along a perpendicular extended from the north section line and 1,980 feet along a perpendicular extended from the west section line. Thus, well 23.34.35.0990N.1980W is located in T. 23 S., R. 34 E., sec. 35, 990 feet from the north line of section 35 and 1,980 feet from the west line of section 35 (fig. 3).

REFERENCE

Davies, P.B., in press, Variable-density ground-water flow and paleohydrology in the region surrounding the Waste Isolation Pilot Plant (WIPP), southeastern New Mexico: U.S. Geological Survey Open-File Report 88-490.

Table 1.--Water-level records for wells completed in the Rustler Formation

[Rustler, Rustler Formation; Culebra, Culebra Dolomite Member of the Rustler Formation. Land-surface altitude and water-level altitude are in meters above sea level]

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-001	21.27.24.23243	Rustler	957.4	93.6	4-09-75	940.3
FF-012	24.29.20.134	Culebra	900.1	28.3	7-14-75	881.2
FF-015	24.29.20.431	Rustler	894.6	25.6	12-16-74	874.9
					7-14-75	874.7
FF-016	24.29.20.432A	Rustler	899.5	43.6	7-14-75	882.4
FF-017	24.29.29.141	Culebra	899.2	28.0	7-15-75	889.1
FF-018	24.29.29.143	Culebra	891.8	18.9	12-16-74	884.5
					7-15-75	884.2
FF-019	24.29.29.213	Culebra	899.2	30.8	12-16-74	883.2
					7-15-75	882.8
FF-020	24.29.29.241	Rustler	899.2	35.1	12-16-74	882.1
					7-15-75	882.0
FF-037	17.28.22.44244	Rustler	1,090.9	--	4-13-83	1,067.6
FF-038	17.28.22.442442	Rustler	1,090.9	--	12-01-48	1,077.0
FF-039	17.29.29.44433	Rustler	1,081.7	--	12-03-48	1,017.7
FF-040	18.29.34.32420	Rustler	1,042.4	73.2	5-28-76	989.0
					4-12-83	989.6
FF-041	18.29.34.33233	Rustler	1,045.5	76.2	5-28-76	986.1
FF-042	19.28.02.23312	Rustler	1,048.2	48.8	4-02-68	1,001.3
					12-09-76	1,001.2
					1-11-83	1,002.1

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-043	19.28.05.21114	Rustler	1,080.5	48.8	11-03-65	1,033.6
					1-28-71	1,034.6
					12-09-76	1,034.8
					1-11-83	1,035.2
FF-044	19.28.13.21400	Rustler	1,027.3	48.8	11-03-65	980.8
FF-045	19.28.13.214411	Rustler	1,027.3	--	1-10-83	982.9
FF-046	19.28.18.12113	Rustler	1,068.0	30.5	9-03-48	1,042.8
					11-03-65	1,042.1
					1-28-71	1,041.0
					12-09-76	1,043.3
					1-11-83	1,042.4
FF-047	19.28.24.32233	Rustler	1,020.9	--	11-03-65	981.9
					4-02-68	981.9
					12-07-76	982.4
					2-16-83	982.6
FF-048	19.28.33.21422	Rustler	1,020.7	51.8	12-21-48	983.1
					11-04-65	983.7
					4-02-68	983.9
					1-28-71	983.8
FF-049	19.28.36.43233	Rustler	1,003.4	26.5	12-07-65	982.4
					4-02-68	982.5
					2-01-71	981.5
					12-09-76	982.9
					2-16-83	982.9
FF-050	19.29.03.12344	Rustler	1,042.9	73.2	7-20-84	984.0
FF-051	19.29.03.13223	Rustler	1,043.1	87.2	4-26-84	984.3
FF-052	19.29.10.43211	Rustler	1,028.2	46.6	12-09-65	983.2
					4-03-68	983.7
					2-01-71	983.7

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-053	19.29.13.41224	Rustler	1,008.2	76.2	12-09-65	973.8
					12-07-76	975.9
FF-054	19.29.13.412243	Rustler	1,008.4	76.2	12-21-48	970.7
					4-03-68	973.6
					2-01-71	974.7
					12-07-76	975.4
					1-12-83	976.2
FF-055	19.29.20.24111	Rustler	1,006.9	--	4-02-68	986.0
					2-01-71	986.5
					1-12-83	986.4
FF-056	19.29.23.23322	Rustler	995.9	25.9	12-09-65	974.8
					2-01-71	974.9
					1-12-83	977.3
FF-057	19.29.25.44332	Rustler	1,012.1	--	1-12-83	975.9
FF-058	20.27.29.441131	Rustler	972.3	38.1	10-06-48	949.2
					3-05-53	948.3
					4-03-53	948.0
					6-12-53	947.4
					7-02-53	947.2
					7-17-53	947.0
					8-10-53	946.8
					9-19-53	946.9
					10-31-53	947.0
					11-20-53	947.0
					12-08-53	947.1
					1-18-54	947.7
					3-15-54	948.0
					4-09-54	947.7
					5-28-54	947.3
					6-25-54	947.2
					7-30-54	946.7
					9-28-54	946.6
					10-18-54	946.8
					11-30-54	947.7
					12-31-54	948.2
					1-28-55	948.5

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-058	20.27.29.441131	Rustler	972.3	38.1	2-25-55	948.4
					3-12-55	948.2
					3-25-55	948.0
					9-22-55	947.3
					10-19-55	947.8
					11-23-55	948.8
					12-28-55	949.5
					1-28-56	949.6
					1-24-57	946.8
FF-059	20.28.02.43322	Rustler	999.1	--	4-02-68	982.8
					12-10-76	983.5
					1-10-83	983.4
FF-060	20.28.08.41233	Rustler	999.7	38.1	4-02-68	981.5
					2-09-71	981.5
					12-08-76	981.4
					1-12-83	981.4
FF-061	20.28.08.414141	Rustler	996.7	--	6-08-55	982.0
					10-27-55	983.8
FF-062	20.28.13.13344	Rustler	991.5	--	5-23-68	977.1
					2-08-71	977.5
					12-08-76	977.9
					1-10-83	978.0
FF-063	20.28.21.43334	Rustler	986.0	--	5-21-55	976.2
					11-15-65	975.8
					2-09-71	975.8
					12-08-76	975.9
					1-17-83	976.1
FF-064	20.28.21.43334A	Rustler	984.5	--	1-20-50	975.2
FF-065	20.28.27.241323	Rustler	984.6	24.4	5-23-68	974.4
					2-09-71	974.5
					10-28-76	974.3
					12-08-76	974.5
					1-13-83	974.8

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-066	20.28.33.32322	Rustler	974.8	13.1	5-23-68	967.5
					5-09-71	967.6
					12-08-76	967.7
					1-17-83	967.9
FF-067	20.28.36.14312	Rustler	977.0	--	12-27-48	971.2
					2-08-71	970.9
					12-08-76	971.2
					1-13-83	971.4
FF-068	20.29.03.43344	Rustler	1,005.6	--	12-09-65	978.9
					12-14-76	979.1
					1-13-83	979.0
FF-069	20.29.03.43344A	Rustler	1,005.5	--	12-14-76	979.0
					1-13-83	978.8
FF-070	20.29.07.11234	Rustler	996.6	--	12-10-76	981.8
					1-11-83	981.5
FF-071	20.29.16.33312	Rustler	993.6	--	12-08-76	977.3
					1-13-83	977.6
FF-072	20.29.20.31132	Rustler	988.0	--	2-08-71	974.5
					12-08-76	974.5
					1-11-83	974.3
FF-073	20.29.23.11333	Rustler	1,002.9	--	12-20-65	975.5
					5-27-68	973.6
					2-05-71	974.1
					12-08-76	974.5
					1-13-83	975.3
FF-074	20.29.30.23333	Rustler	986.5	21.3	5-23-68	974.1
					2-08-71	974.4
					1-26-83	974.0
FF-075	20.29.35.244441	Rustler	1,017.3	103.3	7-18-84	975.6

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-077	20.30.31.23224	Rustler	1,005.3	--	12-10-75	974.3
					1-19-77	974.4
FF-078	20.30.36.34330	Rustler	1,038.5	--	3-29-68	970.0
					2-05-71	969.7
					12-01-76	965.6
					1-26-83	963.5
FF-079	20.31.16.421111	Rustler	1,053.7	33.5	5-29-68	1,034.1
					2-02-71	1,034.5
					12-10-75	1,035.1
					1-15-76	1,035.0
					12-14-76	1,034.4
FF-080	21.27.01.42333	Rustler	970.5	19.8	2-09-71	966.2
					12-14-76	969.5
					1-19-83	966.7
FF-082	21.27.03.32244	Rustler	974.8	--	6-26-68	965.2
FF-083	21.27.04.13200	Rustler	971.8	12.2	5-23-68	964.7
					2-09-71	964.8
					12-14-76	965.1
FF-084	21.27.06.14143	Rustler	967.5	--	9-03-48	957.1
					1-28-55	953.9
					2-25-55	954.1
					3-25-55	954.1
					8-30-55	956.8
					9-22-55	954.1
					10-19-55	954.1
					11-23-55	953.6
					12-28-55	953.8
					1-28-56	954.0
					1-24-57	956.4
FF-085	21.27.09.33433	Rustler	980.3	--	1-25-50	955.5
FF-086	21.27.09.33433A	Rustler	980.3	28.0	1-06-83	958.4

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-087	21.27.19.413433	Rustler	954.5	114.3	3-25-54	945.4
FF-088	21.27.29.311421	Rustler	949.7	87.8	10-10-47	946.3
					1-06-48	946.2
					1-27-49	946.8
					1-17-50	947.4
					1-15-51	946.7
					1-12-52	946.1
					1-14-53	945.7
					1-07-54	945.6
					1-11-55	945.8
					1-05-56	946.4
					1-07-57	945.0
					1-08-58	945.0
					1-06-59	946.1
					1-05-60	944.9
					1-04-61	945.5
					1-03-62	944.7
FF-089	21.27.29.343211	Rustler	948.8	--	10-13-47	944.7
FF-090	21.27.29.423113	Rustler	962.3	45.7	11-15-49	949.7
FF-091	21.27.29.423113A	Rustler	962.3	--	1-11-78	944.4
					2-17-83	944.8
FF-092	21.28.04.42144	Rustler	986.6	--	5-22-68	960.1
					12-14-76	962.2
					1-19-83	962.4
FF-093	21.28.17.34112	Rustler	973.3	48.8	5-22-68	961.2
					12-14-76	961.8
FF-094	21.28.30.41133	Rustler	967.0	18.3	1-13-78	961.6
					1-19-83	962.5
FF-095	21.28.36.12321	Rustler	975.2	73.5	12-07-76	926.3
					1-05-78	926.2
					1-20-83	926.2
FF-096	21.29.12.21344	Rustler	1,028.7	133.5	1-18-83	944.2

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-097	21.29.12.33333	Rustler	1,007.9	84.3	12-09-76	950.2
					1-20-83	950.2
FF-098	21.29.18.13320	Rustler	1,003.0	48.8	12-30-48	961.8
					2-17-83	962.2
FF-099	21.29.25.444110	Rustler	1,008.5	64.0	1-18-83	951.9
FF-100	21.29.25.444111	Rustler	1,008.5	67.1	12-07-76	988.2
					1-20-83	952.0
FF-101	21.30.18.33332	Rustler	979.9	53.6	4-15-59	942.0
					9-25-72	940.4
					12-11-75	939.1
					1-15-76	939.1
					12-03-76	939.1
					1-12-77	938.6
					1-18-83	938.6
FF-102	21.30.22.42430	Rustler	970.8	67.1	4-15-59	939.0
					9-25-72	936.8
					12-08-76	935.2
					1-18-83	934.6
FF-103	21.30.36.31321	Rustler	984.6	--	12-09-76	929.4
					1-18-83	930.1
FF-104	21.31.07.333133	Rustler	1,018.8	134.1	3-27-68	960.1
					2-11-71	960.0
					9-14-72	960.2
					12-03-76	961.1
					1-19-83	960.4
FF-105	21.31.18.41133	Rustler	1,006.9	51.8	9-14-72	958.7
					12-03-76	958.8
					1-19-83	958.7
FF-106	22.26.03.11224	Rustler	985.8	48.8	5-22-49	944.5
FF-107	22.26.03.13323	Rustler	975.0	73.2	11-21-49	967.1
					1-24-50	966.4

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-108	22.28.02.11111	Rustler	961.2	--	12-02-65	920.6
					12-04-70	920.7
					12-16-76	921.3
					1-18-83	921.7
FF-109	22.28.32.33333A	Rustler	926.6	44.5	1-18-78	911.6
					1-19-83	916.5
FF-110	22.29.11.14411	Rustler	972.0	52.1	4-14-59	926.5
FF-111	22.29.12.24444	Rustler	968.4	76.2	4-18-49	917.9
FF-112	22.29.33.24130	Rustler	920.2	19.8	12-17-48	903.1
					4-14-59	904.2
FF-113	22.29.33.24130A	Rustler	917.8	21.5	4-14-59	901.0
					12-10-75	901.7
					1-15-76	901.7
					1-20-83	902.0
FF-114	22.30.05.13333	Rustler	959.8	--	5-18-49	925.6
FF-115	22.30.05.43114	Rustler	948.4	68.6	5-18-49	921.8
					5-14-59	927.8
					9-19-72	932.2
					12-08-76	932.3
					1-18-83	934.7
FF-116	22.30.05.44143	Rustler	945.1	--	5-19-49	924.3
					4-14-59	927.7
					12-08-76	928.5
					1-18-83	929.7
FF-118	22.30.06.444222	Rustler	959.8	--	5-18-49	924.0
FF-119	22.30.07.242224	Rustler	950.2	53.6	5-18-49	924.0
					12-08-76	932.1
					1-18-83	931.7
FF-120	22.30.08.23311	Rustler	958.9	55.2	5-18-49	923.8
					4-14-59	926.9

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-121	22.30.10.31131	Rustler	954.6	23.5	12-23-48	937.5
					2-19-59	936.0
					9-12-72	935.4
					12-08-76	938.1
					1-18-83	938.4
FF-122	22.30.20.12310	Rustler	937.8	39.3	2-26-52	912.8
					2-19-59	915.5
FF-123	22.30.30.234431	Rustler	914.7	22.9	12-17-48	904.3
FF-124	22.30.32.11144	Rustler	919.6	32.6	2-19-59	905.8
					9-19-72	909.4
					12-10-76	910.2
					1-27-83	910.7
FF-125	22.30.33.212243	Rustler	963.7	75.6	2-25-56	907.7
					1-19-83	914.5
FF-126	23.30.02.44414	Rustler	990.6	97.5	4-03-59	911.1
FF-127	23.30.02.44414A	Rustler	990.6	96.6	4-20-59	911.2
(Little Windmill Well)					5-01-59	911.1
					9-20-72	912.1
					12-09-75	912.1
					1-15-76	912.1
					12-02-76	912.2
					1-19-77	912.3
FF-128	23.30.19.123421	Rustler	927.5	30.5	4-07-59	906.4
(South Well)					9-20-72	906.6
					12-09-75	906.5
					1-15-76	906.1
					1-19-77	906.7
FF-129	23.30.21.12222	Rustler	964.1	62.1	4-06-59	909.4
(Indian Well)						
FF-130	23.30.22.24413	Rustler	981.8	74.4	9-20-72	912.5
					12-14-76	912.8

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-131 (Gnome USGS-5)	23.30.33.244112	Rustler	1,048.0	212.1	3-19-63	899.3
					6-12-63	898.6
FF-132 (Gnome USGS-4)	23.30.34.133144	Culebra	1,040.3	157.9	12-12-61	908.1
					5-10-62	908.2
					7-31-62	908.2
					8-08-62	908.2
					3-10-63	908.2
					9-25-72	908.0
					12-14-76	907.2
FF-133 (Gnome USGS-8)	23.30.34.13323	Culebra	1,039.6	--	3-10-63	910.0
					6-11-63	909.9
					9-25-72	909.6
FF-134	23.30.34.233233	Rustler	1,035.2	--	4-07-59	908.9
					1-16-62	909.7
					5-10-62	909.8
					8-08-62	909.8
					3-19-63	908.8
FF-135 (Gnome USGS-6)	23.30.34.23411	Rustler	1,036.5	456.9	4-14-62	909.8
					5-10-62	910.0
					7-31-62	910.0
					8-08-62	910.0
					6-11-63	910.1
FF-136 (Gnome USGS-7)	23.30.34.23411A	Rustler	1,036.9	459.3	4-16-62	909.4
					5-10-62	909.6
					7-31-62	909.7
					8-08-62	909.7
					3-19-63	909.7
					6-11-63	909.6
FF-137 (Gnome USGS-1)	23.30.34.32400	Culebra	1,044.1	220.4	9-22-60	909.2
					5-10-62	909.9
					7-31-62	909.9
					8-08-62	909.9
					3-19-63	910.5
					6-11-63	910.1
					9-25-72	909.5

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-139	24.30.08.33222	Rustler	972.0	58.5	3-23-59	918.4
					12-01-76	917.6
					2-01-83	917.6
FF-140	24.30.12.432344	Rustler	1,075.0	152.4	6-14-61	963.1
FF-141	24.30.19.42113	Rustler	965.3	137.8	10-24-58	895.9
					3-19-59	895.9
					12-10-75	894.6
					1-16-76	893.0
					12-01-76	895.0
					1-14-77	895.0
					2-01-83	893.4
FF-142	24.30.21.23144	Rustler	1,019.3	--	12-01-76	914.6
					2-01-83	914.2
FF-143 (Poker Trap Well)	24.30.23.312414	Rustler	1,047.6	144.5	3-26-59	918.6
FF-144	24.30.36.33333	Rustler	1,041.8	146.3	8-19-58	906.1
					3-19-59	906.1
					2-06-85	905.7
FF-145 (Engle Trap Well)	24.31.04.433422	Rustler	1,042.1	191.1	3-13-59	912.7
FF-146	24.31.33.231113	Rustler	1,054.9	225.6	3-12-59	910.4
FF-147	25.27.27.21242	Rustler	932.6	--	2-02-83	928.8
FF-148	25.28.03.22231	Rustler	911.4	--	12-06-48	901.6
					1-01-78	901.4
					2-01-83	903.5
FF-149	25.28.04.42444	Rustler	895.3	20.7	2-16-83	887.7
FF-150	25.28.05.33111	Rustler	919.4	--	1-11-78	902.8
					2-02-83	902.5
FF-151	25.28.05.331112	Rustler	920.5	--	12-06-48	902.7

Table 1.--Water-level records for wells completed in the Rustler Formation--Continued

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-152	25.28.07.11143	Rustler	931.5	40.5	1-11-78	908.8
					2-02-83	916.8
FF-153	25.28.15.23000	Rustler	898.9	21.3	12-09-75	884.2
					1-16-76	884.1
					1-14-77	884.0
					2-23-78	883.8
					2-01-83	884.7
FF-154	25.28.15.23231	Rustler	899.2	--	12-06-48	884.3
FF-155	25.28.18.32441	Rustler	923.8	--	12-06-48	903.4
					1-12-78	903.3
					2-01-83	904.1
FF-156	25.28.20.41321	Rustler	914.8	--	10-07-83	895.4
FF-157	25.29.02.11111	Rustler	912.9	42.7	10-23-58	883.0
FF-158	25.29.15.31134	Rustler	919.6	58.5	2-01-83	876.8
FF-159	25.29.16.44444	Rustler	926.4	61.0	8-19-58	874.6
					10-23-58	874.3
					12-09-75	876.2
					1-16-76	875.6
					1-14-77	876.2
FF-160	25.29.32.21111	Rustler	909.9	39.0	3-11-49	874.7
					8-19-58	879.8
					3-24-59	879.8
					1-13-78	880.9
					2-01-83	880.8
FF-161	25.31.02.23441	Rustler	1,052.8	309.7	1-28-76	933.8
FF-162	26.28.13.11214	Rustler	897.0	--	12-15-48	878.7
					12-09-75	878.8
					1-20-76	879.1
					1-13-77	880.4
					2-23-78	879.7
					1-26-83	880.8

Table 1.--Water-level records for wells completed in the Rustler Formation--Concluded

Well identifier (name)	Location	Water-bearing unit	Land-surface altitude	Total well depth (meters)	Date	Water-level altitude
FF-163	26.28.14.11111	Rustler	908.1	--	1-13-78	870.8
					1-25-83	869.2
FF-164	26.28.14.21412	Rustler	906.0	--	1-13-78	870.4
					1-25-83	871.4
FF-165	26.29.16.213241	Rustler	900.8	102.1	1-03-49	862.7
					3-09-77	862.7
					1-17-78	863.1
FF-166	26.29.22.23341	Rustler	879.5	61.0	12-09-75	860.8
					1-16-76	859.8
					1-14-77	860.2
					2-23-78	859.6
					1-26-83	859.3
FF-167	26.29.22.340	Rustler	880.0	24.4	8-18-58	859.0
FF-168	26.29.26.13143	Rustler	874.7	42.7	1-26-83	858.1
FF-169	26.31.01.42110	Rustler	992.5	103.6	3-10-49	904.8

Table 2.--Stratigraphic information from geophysical logs

[Land-surface altitude is in meters above sea level. All depths are in meters below land surface]

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-001 (Federal Trigg #1)	20.33.03.0660S.0660W	1,083.0	1,047.0	396.8	--	--	--	--	507.5
FFG-002 (Federal "Lea" #2-3)	20.33.03.0658N.0660E	1,090.3	1,047.9	404.2	422.8	429.8	465.5	472.2	511.5
FFG-004 (Brooks 7 Federal #3)	20.33.07.0660S.1980E	1,068.3	919.6	329.2	350.5	357.5	401.7	408.4	440.4
FFG-005 (Anderson Pritchard Federal #1)	20.33.10.0330S.0330E	1,089.7	1,027.2	395.9	414.8	421.8	461.2	467.6	507.8
FFG-006 (#1 Federal 11)	20.33.11.0660S.0660W	1,091.5	1,022.0	402.6	421.5	430.1	474.9	483.4	--
FFG-007 (Federal #4)	20.33.14.2310N.0990W	1,093.9	1,038.1	415.7	438.0	444.1	491.9	500.2	534.9
FFG-008 (Federal C-1)	20.33.14.0990S.2310W	1,099.1	1,018.6	424.3	--	--	499.9	506.9	540.1
FFG-009 (Federal #3)	20.33.14.1980N.1650W	1,094.8	1,035.4	416.7	437.4	444.7	490.7	498.3	519.7
FFG-010 (Federal #1B)	20.33.14.2310S.1980W	1,096.4	1,011.3	418.5	--	--	493.2	500.8	536.4
FFG-011 (Federal #1A)	20.33.14.0660N.0660W	1,092.7	1,032.4	408.1	428.5	435.6	482.8	489.2	522.4
FFG-012 (Federal #1)	20.33.15.0660N.0660E	1,092.1	1,016.2	405.1	424.3	432.5	478.2	485.9	520.0
FFG-013 (State Lea (886) #2)	20.33.16.0660N.1980E	1,080.2	1,024.4	383.4	405.4	412.4	434.0	445.9	497.7
FFG-014 (Welsh-State #2)	20.33.18.1980N.0660W	1,068.6	927.2	326.7	347.5	355.1	400.8	409.7	445.6
FFG-015 (Bass Federal No. 1)	20.33.19.2005N.1880W	1,082.0	959.8	342.6	363.6	370.3	--	--	--
FFG-016 ("Wills" Federal TA #1)	20.33.22.1980S.0660E	1,099.7	1,055.2	432.8	454.8	462.1	511.8	520.3	554.7

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-017 (Federal Lindsey #1)	20.33.23.0330N.1980E	1,100.9	1,051.6	431.3	452.6	460.2	506.0	513.6	545.6
FFG-018 (Dinnin #2)	20.33.24.0330S.0330E	1,116.5	1,140.3	444.1	464.2	470.6	517.9	525.8	558.1
FFG-019 (Hudson Federal #1)	20.33.26.0660S.0660W	1,111.0	1,054.9	444.7	466.3	473.4	522.4	530.7	562.1
FFG-020 (#1 Bass Federal)	20.33.30.1980N.1980W	1,091.5	4,128.5	350.8	373.1	379.2	429.5	436.2	469.1
FFG-021 (Bass Federal #2)	20.33.30.0660S.1300E	1,096.4	4,173.3	361.5	385.3	392.6	--	--	481.9
FFG-022 (State of New Mexico CM No. 1)	20.33.31.0660S.1980E	1,106.7	4,194.4	384.6	412.0	419.6	--	--	495.2
FFG-023 (#1 Aztec Federal)	20.33.33.1980S.0660W	1,109.8	--	431.3	455.7	462.4	513.6	522.1	556.3
FFG-024 (Federal "34" - #1)	20.33.34.0660S.1980E	1,124.6	1,038.1	462.6	485.8	492.5	545.5	552.8	585.4
FFG-025 (Shell Federal #1)	20.33.35.0660N.1980E	1,117.6	1,043.9	443.5	465.4	471.5	519.1	525.8	557.2
FFG-026 (Shell Federal #1)	20.33.35.0660N.1980W	1,116.0	1,037.8	445.2	466.5	472.6	523.5	530.5	563.4
FFG-027 (R.R. Morrison C & E Federal #1)	20.33.35.1650N.0990W	1,117.4	1,043.9	453.2	474.3	481.0	531.9	538.9	571.8
FFG-028 (Jackson #1)	19.35.05.1980N.1980W	1,183.9	1,424.6	554.1	571.2	576.4	605.3	611.4	634.3
FFG-029 (W.M. Snyder #1)	19.35.12.1980S.1980W	1,145.4	1,463.0	529.4	546.2	551.4	581.9	587.3	607.5
FFG-030 (Cabot State #2)	19.35.15.0330S.0660E	1,154.3	1,534.4	537.7	556.0	561.4	591.3	597.1	621.5
FFG-031 (Gulf Roberts #1)	19.35.17.1980S.1980E	1,168.3	1,627.6	558.7	578.2	584.3	613.9	620.9	645.9
FFG-032 (Superior-Alves Trustee #1)	19.35.19.0990S.0660W	1,158.5	1,226.0	546.6	566.4	572.5	609.1	612.4	639.5
FFG-033 (McIntosh D #3)	19.35.21.0660S.1980E	1,143.6	1,500.2	536.4	555.3	560.8	594.4	601.4	624.8

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-034 (Texaco-Hamon State A-1)	19.35.24.1650N.0660W	1,139.3	1,547.5	538.0	556.9	561.4	590.7	596.8	621.5
FFG-035 (Record No. 2)	19.35.25.1980N.0668E	1,121.1	4,116.9	530.8	548.5	554.6	587.2	590.2	616.2
FFG-036 (State "PK" #1)	19.35.29.2310N.0990W	1,147.6	1,560.0	545.0	565.4	570.9	606.2	612.0	637.3
FFG-037 (State W.M.A. #1)	19.35.34.0660N.0660W	1,129.3	1,061.6	536.4	557.5	562.4	595.3	600.5	626.4
FFG-038 (State "PJ" #1)	19.35.36.1980N.1980W	1,118.3	1,672.7	538.9	558.7	564.2	594.7	600.8	626.4
FFG-039 (Perry Federal #1)	20.32.10.0330N.0990W	1,046.1	4,368.1	247.5	267.3	274.0	314.2	320.6	351.7
FFG-040 (Hanson State #1)	20.32.13.0660S.1980W	1,077.2	4,068.2	336.5	356.3	363.6	421.8	431.9	452.3
FFG-041 (Plata Deep Unit #1)	20.32.15.1980S.1980W	1,065.3	3,999.9	264.3	284.7	291.7	331.6	338.9	373.4
FFG-042 (State Little Eddy Unit #16)	20.32.16.2310N.2310W	1,069.5	786.4	264.0	284.1	291.7	328.9	339.5	374.3
FFG-043 (Big Eddy Unit #1-21)	20.32.21.1980S.0660W	1,067.1	2,376.3	257.1	279.0	285.1	331.4	338.4	370.1
FFG-044 (Baetz "23" #1)	20.32.23.1980S.1980W	1,080.5	904.6	318.2	339.5	346.9	391.4	399.6	434.9
FFG-045 (Audie Richards #1)	20.32.25.0660S.0660E	1,091.8	5,057.9	344.4	367.3	374.9	--	432.2	466.3
FFG-046 (State of New Mexico "CH" No. 1)	20.32.36.1976N.0660E	1,094.2	3,467.7	340.2	--	--	--	--	464.2
FFG-047 (Federal Hanson B No. 1)	20.34.14.0660S.1980E	1,112.8	1,132.6	479.4	498.9	505.3	551.7	556.8	586.7
FFG-048 (Federal #1)	20.34.18.1980S.1980E	1,106.1	1,165.6	452.9	475.2	482.8	525.8	532.8	578.5
FFG-049 (Muse No. 2)	20.34.21.0660S.0660E	1,119.2	1,125.0	477.3	498.3	504.4	551.7	559.6	592.5

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-050 (Cruces No. 1)	20.34.26.0330S.0330W	1,132.5	1,126.7	484.5	504.9	511.0	550.0	557.6	595.1
FFG-051 (Federal Keohone "A" No. 1)	20.34.27.0330S.1650E	1,131.1	1,125.6	482.2	503.8	509.0	557.2	564.8	600.2
FFG-052 (Fletcher No. 2)	20.34.27.0330S.0330E	1,132.0	1,126.2	480.4	501.7	507.8	536.8	542.2	566.3
FFG-053 (Lynch No. "A"-9)	20.34.34.1650N.2310W	1,137.5	1,126.5	494.7	514.2	522.1	574.5	581.9	627.0
FFG-054 (B.V. Lynch "A" No. 5)	20.34.34.0660S.1980E	1,150.2	1,142.7	508.3	529.6	536.9	587.5	593.6	631.4
FFG-055 (B.V. Lynch "A" No. 8)	20.34.34.1650S.0660E	1,145.1	1,143.0	503.5	524.0	532.5	579.4	587.3	623.9
FFG-056 (Lynch "A" No. 11)	20.34.34.1980N.1980E	1,136.6	1,130.8	492.3	514.8	521.2	572.1	579.7	615.7
FFG-057 (B.V. Lynch "A" No. 10)	20.34.34.0660N.1980W	1,134.8	1,135.1	489.2	509.6	517.2	570.0	576.7	610.2
FFG-058 (Lynch A-7)	20.34.35.1650S.0990W	1,147.7	1,128.1	506.7	524.1	532.6	578.4	586.9	621.0
FFG-059 (Neal No. 1)	20.34.35.1650S.2310E	1,156.1	1,149.1	512.7	532.5	538.6	586.4	591.3	626.4
FFG-060 (Federal #4)	20.34.35.0990N.1650W	1,138.4	1,138.1	492.9	511.1	520.3	569.1	575.2	605.6
FFG-061 (Fletcher No. 1)	20.34.35.0990N.0990W	1,137.5	1,134.2	491.6	511.5	517.6	566.9	572.4	605.0
FFG-062 (Linam 1)	20.35.03.0670N.1980W	1,122.6	1,520.0	548.3	569.4	575.5	608.7	615.4	643.4
FFG-063 (#8 Federal Saunders)	20.35.05.1980S.0330E	1,118.1	1,533.1	583.4	604.4	609.6	647.4	652.3	679.7
FFG-064 (Featherstone Federal No. 1)	20.35.06.0660N.0660E	1,127.2	1,529.2	567.5	588.6	595.3	629.7	638.3	666.0
FFG-065 (Leonard State #1)	20.35.12.0660N.0660E	1,110.7	1,519.4	567.8	590.1	595.3	638.9	646.2	661.1
FFG-066 (State 13 #1)	20.35.13.0660N.0660W	1,113.7	1,525.8	616.9	639.8	644.3	679.4	684.6	712.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-067 (Hudson Federal #1)	20.35.17.1980S.0660E	1,127.5	1,250.6	590.4	611.1	616.3	657.5	663.5	691.6
FFG-068 (U.S.A. West Monument #1)	20.35.23.0660N.0660W	1,125.0	1,381.0	628.5	643.1	649.2	694.9	701.0	728.5
FFG-069 (Phillips State #1)	20.35.28.0660S.0660W	1,130.2	1,277.1	605.9	627.8	633.9	682.7	688.8	722.3
FFG-070 (Sunray State No. 1)	20.35.30.22	1,130.8	1,522.8	577.0	598.6	604.7	646.2	651.7	688.8
FFG-071 (W.H. Peckham No. 1)	19.32.06.1980N.1980E	1,115.3	909.2	304.2	324.6	331.0	360.3	367.0	415.1
FFG-072 (W.E. Bondurant #3)	19.32.13.0990S.0990E	1,105.2	1,032.1	365.5	384.1	390.2	424.0	431.0	459.4
FFG-073 (W.E. Bondurant #2)	19.32.13.2310N.0330E	1,107.4	1,004.6	389.6	407.9	416.8	448.1	455.2	484.1
FFG-074 (W.E. Bondurant #1)	19.32.13.2310S.0330E	1,107.0	998.5	383.3	403.7	408.6	440.6	446.7	476.3
FFG-075 (#8 Plains Unit)	19.32.15.1980N.0660E	1,108.3	985.1	335.0	352.3	359.1	390.4	396.2	424.9
FFG-076 (Humble State #1)	19.32.16.0660S.0660W	1,097.3	980.8	260.9	279.2	286.8	319.7	325.8	355.4
FFG-077 (Middleton Federal "A" #1)	19.32.18.1980N.0990E	1,095.8	1,434.1	--	--	--	--	--	323.7
FFG-078 (Southern Calif. Pet. Corp. No. 1)	19.32.19.1980N.2310E	1,087.2	787.9	212.8	232.0	240.2	272.5	279.5	310.3
FFG-079 (Atlantic No. 1)	19.32.21.1650S.0990W	1,091.2	825.1	243.2	261.5	267.6	304.2	310.3	340.8
FFG-080 (Boellner Federal No. 2)	19.32.33.0660N.0660W	1,082.3	870.8	254.8	274.0	281.9	316.7	324.0	354.8

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-081 (Federal Big Circle #1)	19.32.25.0330N.0330E	1,097.0	967.7	350.2	369.1	376.1	413.9	422.1	452.6
FFG-082 (Federal-Boellner #1)	19.32.34.1980S.0660E	1,084.8	962.9	305.7	325.5	331.6	373.7	379.5	411.8
FFG-083 (USA Culbertson Irwin #1)	19.33.08.1980S.0660W	1,115.6	1,085.1	422.6	440.9	447.0	477.5	483.6	511.0
FFG-084 (Federal 18 No. 5)	19.33.18.1980S.2035W	1,107.6	1,017.1	386.5	405.4	413.0	446.2	452.9	481.6
FFG-085 (Federal 18 No. 1)	19.33.18.2130N.0689W	1,108.9	996.7	394.7	413.3	421.5	453.5	459.9	488.0
FFG-086 (Federal 18 No. 7)	19.33.18.2310S.0330W	1,107.3	999.1	384.7	401.7	410.0	442.3	449.9	477.0
FFG-087 (Bright Federal No. 1)	19.33.21.0660N.1980W	1,107.3	1,028.1	409.3	427.3	435.9	470.6	477.3	506.0
FFG-088 (Miller-Federal #1)	19.33.22.1980S.0495E	1,108.9	1,081.4	414.5	434.3	441.7	482.8	486.2	513.6
FFG-089 (Donohue #1)	19.33.24.0800S.0330W	1,108.6	1,484.1	432.8	452.6	459.0	494.7	502.0	531.9
FFG-090 (Bates Federal #1)	19.33.26.0660S.1980W	1,094.5	1,032.1	394.7	--	--	--	--	494.1
FFG-091 (Federal No. 1)	19.33.29.0330S.1980E	1,091.2	996.4	371.2	390.8	398.4	438.9	447.4	477.0
FFG-092 (Federal Carder #1)	19.33.29.0660N.0660W	1,097.6	1,097.3	362.7	381.0	391.1	426.7	435.3	463.9
FFG-093 (Signal Ross #1)	19.33.30.0660N.1980E	1,097.9	969.9	360.6	379.8	387.7	424.3	429.8	460.2
FFG-094 (Signal Ross Federal #2)	19.33.30.1980N.2004W	1,095.1	965.0	354.5	374.9	381.9	420.9	428.5	458.1
FFG-095 (Buffalo Unit #1)	19.33.03.2082N.1980W	1,138.7	1,538.8	432.2	449.9	457.2	487.1	493.5	520.0
FFG-096 (Federal Littlefield "EA" #1)	19.34.05.0330N.0660W	1,174.4	1,478.3	484.9	503.2	509.3	538.9	545.0	569.4

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-097 (Mescalero Unit #1)	19.34.07.1980N.1980E	1,149.4	1,224.8	478.2	497.7	504.4	534.6	541.0	568.8
FFG-098 (U.S. Smelting State #1)	19.34.12.0660N.0660W	1,208.2	1,600.2	562.7	582.8	588.3	620.3	626.4	652.3
FFG-099 (Atlantic Richfield #1)	19.34.13.2310S.0330W	1,205.8	1,634.6	564.2	584.9	590.4	623.3	631.2	655.6
FFG-100 (Gulf Federal #1)	19.34.15.0330S.0330W	1,153.1	1,578.3	528.2	549.2	555.0	588.3	594.4	622.7
FFG-101 (Superior Federal #4)	19.34.25.1980S.0660W	1,142.7	1,563.9	549.6	567.8	573.3	609.0	615.4	642.5
FFG-102 (Federal #1)	19.34.28.0990S.2310W	1,127.2	1,766.3	513.3	533.7	539.8	578.2	584.3	614.8
FFG-103 (Drlg. & Exploration Gillespie No. 1-"B")	19.34.30.2310S.0330W	1,108.6	1,200.6	434.0	453.2	456.6	499.3	506.9	--
FFG-104 (Pure State #1)	19.34.36.0660S.0330E	1,127.5	1,556.9	555.0	576.4	582.5	619.4	625.4	653.2
FFG-105 (Wills-Crosby #1)	21.30.25.1098S.0969W	995.2	377.0	68.3	85.6	93.9	127.7	133.8	182.3
FFG-106 (Wills-Crosby #2)	21.30.26.0983N.1361W	981.5	335.3	26.8	41.8	49.7	78.9	86.9	140.8
FFG-107 (James "D" #1)	21.30.26.0660S.1980W	987.6	--	42.4	64.6	70.7	99.7	108.8	151.5
FFG-108 (Wills #7)	21.31.31.0264N.0471W	1,015.9	426.4	82.3	97.5	103.6	137.2	146.3	179.8
FFG-109 (FC-63 (Kerr McGee))	21.31.32.0300N.2540W	1,039.1	452.3	121.9	140.2	146.3	176.8	182.9	207.3
FFG-110 (FC-68 (Kerr McGee))	21.31.32.0141S.0141E	1,045.5	501.1	158.5	179.8	185.9	213.4	221.0	246.9
FFG-111 (FC-52 (Kerr McGee))	21.31.34.0250N.2207E	1,062.2	494.7	165.5	190.5	195.1	225.6	231.6	256.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-112 (FC-65 (Kerr McGee))	21.31.34.0100S.0100W	1,056.1	508.7	176.8	195.1	201.2	231.6	239.3	271.3
FFG-113 (FC-69 (Kerr McGee))	21.31.34.0141N.0160W	1,054.9	476.4	161.5	179.8	185.9	216.4	224.0	252.7
FFG-114 (Cabana #1)	22.30.01.0974S.1976W	1,014.7	--	90.5	109.1	116.4	144.2	151.5	185.9
FFG-115 (James "A" #1)	22.30.02.0660S.2011E	970.5	--	56.7	75.0	81.1	113.1	122.2	167.0
FFG-116 (Duval #96)	22.30.03.0693N.0977E	972.0	368.2	42.7	61.0	67.1	100.6	106.7	176.8
FFG-117 (USB&C #168)	22.30.03.1320S.0300E	966.2	357.5	30.5	54.9	64.0	97.5	109.7	155.4
FFG-118 (Gypsy Oil Co. #3)	22.30.04.0050N.0650E	968.7	--	--	--	--	--	--	124.1
FFG-119 (USPC #97A)	22.30.09.0315S.0291W	950.1	--	12.2	--	--	79.2	85.3	121.9
FFG-120 (USB&C #163)	22.30.09.1320N.2600W	956.5	331.9	12.2	33.5	42.7	82.3	91.4	137.2
FFG-121 (IMC #322)	22.30.09.2406N.0578W	958.6	324.0	12.2	30.5	36.6	76.2	85.3	128.0
FFG-122 (IMC #343)	22.30.09.1485S.0650W	954.0	338.3	9.1	27.4	33.5	77.7	85.3	140.2
FFG-123 (Duval #82)	22.30.10.1883N.2574E	961.6	345.9	33.5	61.0	67.1	94.5	100.6	146.3
FFG-124 (James "E" #1)	22.30.11.1976N.1981E	977.2	4,229.1	76.8	111.9	119.5	139.3	146.3	191.7
FFG-125 (D-121)	22.30.11.1247S.1301W	976.2	383.4	64.0	85.3	93.0	125.0	134.1	--
FFG-126 (D-120)	22.30.13.1574N.1566W	1,014.2	457.2	109.7	128.0	134.1	161.5	167.6	201.2
FFG-127 (D-48)	22.30.14.0136S.2178E	1,019.2	464.5	109.7	128.0	134.1	158.5	167.6	195.1
FFG-128 (Duval #33)	22.30.21.0109S.0081E	994.3	397.2	46.3	67.7	76.8	107.3	116.7	141.7
FFG-129 (IMC #111)	22.30.21.1320N.2640E	961.9	355.1	38.1	62.5	68.6	103.6	109.7	146.3
FG-130 (IMC #112)	22.30.21.1320S.1320W	979.9	368.2	25.9	50.3	59.4	82.3	91.4	125.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-132 (Duval #181)	22.30.27.2664S.2625E	1,002.2	410.0	45.7	67.1	73.2	103.6	111.3	149.4
FFG-133 (Duval #198)	22.30.27.0038S.2643W	993.0	396.8	33.5	54.9	61.0	91.4	97.5	155.4
FFG-134 (Duval #200)	22.30.27.0500S.0020W	988.2	137.2	24.4	44.2	52.7	83.8	91.4	126.5
FFG-135 (Duval #231)	22.30.27.2370S.0224E	1,002.5	420.0	65.2	85.0	91.7	121.6	127.4	158.5
FFG-136 (D-160)	22.30.36.2463S.1124W	1,007.5	412.7	73.2	88.4	96.0	125.0	131.1	163.1
FFG-137 (James Ranch #1)	22.30.36.0660S.2006E	1,007.4	--	60.6	79.5	88.1	114.6	122.8	154.2
FFG-138 (U-134 (Miss. Chem. Corp.))	22.31.06.1173S.1147W	1,023.9	--	126.5	143.3	149.4	179.8	189.0	225.6
FFG-139 (Campana #1)	22.31.06.1978N.0660W	1,023.5	--	115.8	133.8	141.1	167.9	175.6	213.4
FFG-140 (FC-92 (Kerr McGee))	22.31.08.0143S.0249E	1,042.6	554.1	193.5	213.4	219.5	249.9	257.6	292.6
FFG-141 (FC-82 (Kerr McGee))	22.31.08.0154S.0037W	1,030.4	513.9	157.3	176.2	184.7	210.3	217.9	247.5
FFG-142 (NF-1 (Kerr McGee))	22.31.09.0107N.0091E	1,042.8	--	193.5	213.4	221.0	246.9	254.5	285.0
FFG-143 (Federal Cotton Baby #1)	22.31.34.2022S.1978W	1,052.7	2,042.2	196.9	213.4	221.0	248.7	255.4	--
FFG-144 (Duval #29)	23.29.01.2763S.2964E	905.0	228.3	1.5	--	--	10.7	21.3	79.9
FFG-145 (IMC I-184)	23.29.01.0528S.0528W	905.3	--	0.0	--	--	12.2	18.3	74.7
FFG-146 (IMC I-263)	23.29.01.1320N.1320E	912.9	--	0.0	--	--	6.1	15.2	86.9
FFG-147 (Arco #9)	23.29.04.1255N.1374E	908.3	167.9	10.4	10.4	14.6	25.6	32.9	92.0
FFG-148 (Shell Oil Co. #17 (Dogtown #))	23.29.12.2600N.0700E	907.7	--	0.0	--	--	7.6	12.8	75.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-149 (Shell Oil Co. #21 (Dogtown #15))	23.29.13.2100N.0300E	916.5	236.8	4.3	--	--	5.8	13.4	74.4
FFG-150 (Duval #8)	23.29.15.0202N.2524E	903.7	392.9	1.5	--	--	--	--	79.2
FFG-151 (Duval #14)	23.29.15.1160N.3276E	901.6	164.0	10.7	--	--	12.2	21.3	79.2
FFG-152 (Teledyne "17" #1)	23.29.17.0660S.1980W	905.3	--	12.2	--	--	--	--	68.6
FFG-153 (Shell Oil Co. #19 (Dogtown #13))	23.29.24.0300N.0300E	917.1	246.3	0.0	--	--	--	15.2	88.4
FFG-154 (Shell Oil Co. #22 (Dogtown #16))	23.29.25.0200N.2500E	933.3	--	8.2	--	--	--	--	95.7
FFG-155 (Laguna Grande #2)	23.29.27.0660S.1980W	918.1	--	4.0	4.0	12.5	16.8	24.1	87.2
FFG-156 (#1 Laguna Grande Unit)	23.29.28.1380S.0990E	908.3	--	1.8	--	--	1.8	12.8	70.7
FFG-157 (A-29)	23.29.35.1900S.0100E	926.0	226.5	10.7	10.7	18.9	21.9	27.4	--
FFG-158 (A-31)	23.29.36.1800S.1200E	941.8	--	4.6	4.6	10.7	13.7	23.8	85.0
FFG-159 (Hudson Federal #1)	23.30.01.1834N.1978W	1,001.3	--	45.1	64.6	72.5	102.7	109.7	141.7
FFG-160 (James Ranch Unit #3)	23.30.01.1973S.1648E	1,002.5	--	52.4	72.8	78.3	107.3	116.4	146.9
FFG-161 (Duval #1)	23.30.02.0101S.1169W	987.9	399.3	30.5	51.8	57.9	86.9	93.0	131.1
FFG-162 (Duval D-31)	23.30.02.0143N.0112W	988.8	400.8	32.9	55.5	63.4	96.9	104.2	131.1
FFG-163 (Duval D-179)	23.30.02.2655N.2655E	988.8	411.5	33.5	54.9	61.0	91.4	100.6	132.6
FFG-164 (Shell Oil Co. #6 (Dogtown #1))	23.30.17.2505N.0317W	955.9	308.5	0.0	--	--	18.3	27.4	101.2
FFG-165 (Duval #10)	23.30.19.2244N.2096E	935.7	268.8	0.0	--	--	22.9	33.5	96.9

Table 2.—Stratigraphic information from geophysical logs—Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-166 (Sandy Unit #1)	23.30.24.1980N.0660W	993.0	--	38.7	57.0	64.6	93.0	101.2	134.7
FFG-167 (USGS #22)	23.30.26.444	1,019.6	525.5	82.9	97.5	105.2	132.6	141.7	182.9
FFG-168 (Duval #4)	23.30.28.0175S.0232W	1,001.0	377.0	33.5	56.4	67.1	94.5	102.1	157.9
FFG-169 (Shell Oil Co. #7 (Dogtown #2))	23.30.29.0261N.0261E	986.0	--	5.8	28.7	36.9	66.8	76.8	124.7
FFG-170 (Shell Oil Co. #20 (Dogtown #14))	23.30.30.0215N.2300W	934.8	274.3	1.2	11.9	18.0	31.1	41.8	95.7
FFG-171 (Arco #24)	23.30.31.2640N.1750E	956.8	292.6	25.3	25.3	32.6	34.7	47.5	108.8
FFG-172 (Shell Oil Co. #23 (Dogtown #17))	23.30.32.1411N.2510E	986.0	335.3	48.8	48.8	53.0	70.7	79.9	134.1
FFG-173 (Leonard ?????? #1-S	23.30.36.2150N.3090W	1,022.6	505.7	87.8	108.5	116.1	145.7	154.8	191.1
FFG-174 (Malaga "A" #1)	24.28.02.1980S.0660W	908.6	4,014.2	2.1	--	--	--	--	--
FFG-175 (Weiner & McDonald Kerr #1)	24.29.03.2030N.2310W	937.0	970.8	116.4	--	--	--	--	175.3
FFG-176 (Arco core test #13)	24.29.04.1327S.1321E	927.5	253.9	59.4	--	--	--	--	135.0
FFG-177 (Bun #1)	24.29.19.0480N.0330W	913.2	--	24.1	--	--	24.1	33.2	100.6
FFG-178 (Mobil Federal "27" #1)	24.29.27.0660S.0660W	888.2	924.2	170.1	--	--	170.1	176.8	349.0
FFG-179 (Ellis Federal 1-X)	24.29.29.1980S.0660W	896.4	898.2	9.8	--	--	9.8	21.3	79.6
FFG-180 (Shell Oil Co. #16 (Dogtown #11))	24.30.02.0200S.0200W	1,062.2	463.3	118.3	141.7	147.2	179.2	187.5	237.1

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-181 (Shell Oil Co. #11 (Dogtown #6))	24.30.05.1147N.0406E	1,016.5	386.8	65.2	65.2	69.8	86.0	93.6	147.5
FFG-182 (Arco #8)	24.30.06.1990N.2185W	986.0	383.7	129.5	138.4	143.6	173.4	181.7	228.9
FFG-183 (Shell Oil Co. #8 (Dogtown #3))	24.30.09.2001N.2001E	1,020.5	399.0	81.4	--	--	116.1	127.1	183.2
FFG-184 (Shell Oil Co. #12 (Dogtown #))	24.30.11.0316S.0390W	1,047.9	461.8	120.1	120.1	123.1	156.7	164.3	196.3
FFG-185 (Shell Oil Co. #13 (Dogtown #))	24.30.15.0200N.0200W	1,022.6	405.4	88.1	88.1	92.7	123.1	130.8	182.6
FFG-186 (Shell Oil Co. #24 (Dogtown #18))	24.30.16.0150N.2590E	1,013.5	491.6	149.7	149.7	155.8	185.6	194.2	247.2
FFG-187 (Poker Lake Unit #45)	24.30.18.0460N.0660E	965.6	--	--	--	--	--	--	275.5
FFG-188 (Southern Production Co. core test #6)	24.30.20.0100N.1320W	979.0	406.9	104.9	104.9	110.0	133.2	141.4	197.8
FFG-189 (Shell Oil Co. #9 (Dogtown #4))	24.30.23.1606N.2294E	1,046.1	473.7	123.4	143.9	151.8	178.3	186.5	241.1
FFG-190 (Shugart Federal 23 #1)	24.30.23.0660S.0660W	1,037.8	1,247.9	136.2	155.4	163.1	194.2	202.7	244.4
FFG-191 (Bass Federal #1-25)	24.30.25.0660S.0660W	1,041.5	1,296.0	140.2	163.4	171.0	196.0	202.1	261.5
FFG-192 (Shell Oil Co. #10 (Dogtown #))	24.30.27.0336N.0270E	1,031.4	450.2	196.9	216.1	224.9	256.9	267.0	323.4
FFG-193 (Federal Nettles(?) #1)	24.30.29.0660S.0660E	994.0	1,159.8	247.8	--	--	247.8	262.1	324.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-194 (#1-2 Todd Federal)	24.31.02.1980N.1945W	1,075.4	1,420.4	235.7	253.3	259.8	286.9	294.8	336.6
FFG-195 (Jennings Federal #1)	24.31.03.0660S.0660E	1,059.2	1,382.3	203.9	225.2	230.4	255.7	266.4	305.7
FFG-196 (Stewart Federal #1)	24.31.04.0660N.0660E	1,042.4	1,340.2	144.8	165.5	172.5	205.4	214.9	249.9
FFG-197 (Bestly(?) Federal #1)	24.31.04.1659N.2310W	1,034.5	1,342.3	135.0	156.4	163.7	193.5	203.3	244.4
FFG-198 (USGS potash core test #13)	24.31.05.0330N.0330E	1,031.4	652.0	133.2	153.9	160.0	190.5	199.6	247.5
FFG-199 (Shell Oil Co. #15)	24.31.06.1098N.2193E	1,038.8	513.3	150.0	171.3	178.9	211.8	220.1	258.2
FFG-200 (Dunes(?) Unit Federal #1)	24.31.06.1980N.1980W	1,040.9	4,729.9	138.4	160.0	167.9	202.7	212.8	255.7
FFG-201 (Federal "Y" #1)	24.31.07.0660S.0660E	1,074.1	1,339.0	179.5	200.9	208.5	235.9	244.1	295.4
FFG-202 (Shell Oil Co. #4 (Federal G-NM #4))	24.31.11.2531N.0178E	1,075.6	747.4	241.4	259.1	267.3	301.8	312.4	352.0
FFG-203 (Federal Littlefield "CT" #1)	24.31.11.0660N.1980E	1,071.4	1,416.7	230.1	248.4	255.7	295.4	303.9	343.8
FFG-204 (1-13 Federal)	24.31.13.1980S.1980E	1,096.4	1,467.6	231.6	249.9	258.5	282.9	291.1	329.2
FFG-205 (Continental Federal #1)	24.31.17.0660N.0740E	1,082.0	1,373.1	201.4	221.5	228.8	256.9	265.4	313.5
FFG-206 (Ritchie Federal #1)	24.31.18.0660S.0660E	1,067.7	1,333.2	171.9	193.2	200.3	230.7	239.6	288.3
FFG-207 (Jennings Federal #1)	24.31.20.0660N.0660E	1,072.6	1,373.7	180.4	200.3	207.6	239.0	246.6	296.9

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-208 (Poker Lake #40)	24.31.20.0660S.1980W	1,060.1	1,348.4	157.3	178.0	185.9	217.0	225.6	279.8
FFG-209 (Carper Federal #1-21)	24.31.21.0660N.0660E	1,074.1	1,385.9	200.9	200.9	207.9	235.9	244.4	286.8
FFG-210 (Poker Lake Unit #43)	24.31.21.0660S.0660W	1,066.2	1,366.1	180.4	200.3	207.3	238.7	247.5	300.2
FFG-211 (Poker Lake #36)	24.31.28.0660S.0660E	1,060.4	5,078.0	174.3	--	--	--	--	283.5
FFG-212 (Heflin Federal #1)	24.31.24.0660S.1980E	1,078.4	2,604.5	207.9	225.6	233.2	260.9	269.4	310.0
FFG-213 (Ramley(?) #1)	24.31.33.2310N.2313E	1,051.6	1,338.1	148.1	177.1	183.2	213.7	222.8	256.3
FFG-214 (Cotton Draw Unit #67)	24.31.35.1980S.0660W	1,061.6	--	183.8	206.7	213.4	243.2	253.0	303.9
FFG-215 (Poker Lake Unit #2)	25.30.01.0660N.0660E	1,041.8	--	189.3	210.6	218.2	248.7	256.9	307.2
FFG-216 (R&B Federal #1)	25.30.04.1980N.1980W	993.6	--	256.6	276.8	283.2	304.8	310.9	473.0
FFG-217 (Dog Town #2)	25.31.02.0100N.1500W	1,057.7	544.7	184.1	206.3	214.0	242.9	252.1	301.4
FFG-218 (Cotton Draw Unit #65)	25.31.02.1980N.1980E	1,053.1	4,955.7	189.6	209.1	217.3	249.6	258.8	309.1
FFG-219 (Pauley & Harrison #2)	25.31.10.1980N.1980E	1,036.3	1,371.0	125.9	146.6	156.4	187.5	196.0	253.0
FFG-220 (Pauley & Harrison #1)	25.31.12.0660N.0660W	1,051.0	1,405.1	191.1	214.3	218.8	252.4	261.5	308.8
FFG-221 (Pauley & Harrison PH-1)	25.31.15.0780N.1230W	1,027.8	603.8	213.4	231.6	240.8	271.3	283.5	342.9
FFG-222 (Poker Lake Unit #7-A-3)	25.31.28.0660N.0660W	1,019.9	1,320.4	249.3	270.1	278.3	306.6	314.9	415.4

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-223 (Del Basin #1)	25.31.35.0660S.0660W	1,008.9	1,375.0	--	--	--	--	--	491.0
FFG-224 (Sheperd #1)	21.32.01.0330N.1380E	1,133.6	1,069.2	456.6	477.9	485.5	535.8	543.5	575.5
FFG-225 (ETZ Federal #1)	21.32.01.3255N.1972E	1,138.3	4,875.3	454.6	475.9	482.0	534.8	540.3	572.0
FFG-226 (Federal #1)	21.32.01.0660S.1980W	1,150.3	4,408.6	467.1	489.3	496.3	548.5	555.5	588.4
FFG-227 (#1 Hat Mesa "A")	21.32.02.0660S.1980E	1,149.4	--	471.2	--	--	--	--	598.9
FFG-228 (Pubco Federal #1)	21.32.02.3300N.0660W	1,133.6	4,385.2	459.9	481.9	490.4	545.3	552.9	584.3
FFG-229 (#1 TSS Federal Comm.)	21.32.03.0660S.1980E	1,146.0	1,711.5	444.4	466.6	474.0	531.3	538.9	573.9
FFG-230 (New Mexico Federal "B" #1)	21.32.03.3300S.1980W	1,134.5	4,323.0	445.9	469.4	476.4	533.4	539.5	576.1
FFG-231 (New Mexico Federal "A" #2)	21.32.04.1980N.1980E	1,120.1	4,275.7	416.1	438.3	445.9	500.2	506.3	541.9
FFG-232 (New Mexico Federal "D" #1)	21.32.04.3300S.1980W	1,124.1	4,294.0	406.3	428.5	435.9	492.6	498.3	538.0
FFG-233 (New Mexico Federal #1)	21.32.04.1683N.1650W	1,114.7	4,204.1	405.4	428.9	435.9	490.7	496.8	532.8
FFG-234 (New Mexico Federal "F" #1)	21.32.05.4650S.1980W	1,112.8	1,092.1	367.0	390.1	397.8	452.6	459.3	496.5
FFG-235 (New Mexico Federal "E" #1)	21.32.05.3300S.0660E	1,117.1	4,371.7	394.7	418.5	425.8	481.6	488.6	521.2
FFG-236 (Aid Federal #1)	21.32.06.3371N.2072W	1,101.2	1,548.4	332.8	354.8	362.7	418.5	424.0	459.3
FFG-237 (Halfway Federal #1)	21.32.09.1980N.1980E	1,137.8	4,445.8	402.5	425.7	433.0	491.6	503.4	537.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top: Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-238 (Government "H" Com. #1)	21.32.10.1980N.1980E	1,152.8	4,373.6	436.2	461.8	467.3	524.3	531.3	568.5
FFG-239 (Federal 1)	21.32.11.0660S.0660E	1,177.1	1,115.3	474.0	498.0	503.8	556.6	563.6	606.6
FFG-240 (Hat Mesa #1)	21.32.11.1980N.1980E	1,162.2	4,765.2	467.0	491.0	497.7	552.3	559.6	593.4
FFG-241 (Federal HM "12" #1)	21.32.12.1980S.0660W	1,165.3	1,639.5	476.4	499.0	506.3	560.2	567.2	602.6
FFG-242 (Salt Lake South Unit #1)	21.32.21.0660N.0660W	1,115.0	4,472.9	315.2	331.9	338.3	382.8	390.8	433.7
FFG-243 (San Simon #1)	21.32.26.1980N.0660E	1,153.7	2,742.6	389.9	410.6	418.2	485.3	494.4	538.6
FFG-244 (Chaney Federal #1)	21.32.35.1980N.1980W	1,120.0	1,563.0	321.6	339.2	346.9	398.7	404.8	430.7
FFG-245 (South Lynch #1)	21.33.09.1980N.0660E	1,170.7	4,423.9	573.6	597.7	603.8	659.9	667.2	700.1
FFG-246 (Mobil State #2)	21.33.11.0660N.0640W	1,161.9	1,245.7	560.2	583.4	588.9	645.9	653.8	688.8
FFG-247 (New Mexico State #1)	21.33.13.0660S.1880E	1,145.4	1,521.3	556.3	581.6	587.4	644.1	651.7	685.3
FFG-248 (Berry State #1)	21.33.13.1980S.1980E	1,150.0	4,398.3	555.3	578.8	584.0	643.4	651.7	685.5
FFG-249 (Stock Unit #1)	21.33.15.1980S.1980E	1,169.2	4,420.8	575.5	599.5	605.0	663.9	670.9	705.0
FFG-250 (Eaves Unit #1)	21.33.18.0660S.1980E	1,159.8	4,568.3	485.7	508.3	515.3	572.3	579.3	614.3
FFG-251 (State SLA #1)	21.33.24.0660S.0660E	1,139.0	1,937.6	570.3	594.1	600.5	661.7	669.0	706.8
FFG-252 (State "LT" #1)	21.33.32.1980S.1980W	1,134.1	4,603.4	425.5	450.2	456.3	514.5	521.5	566.6
FFG-253 (#1 R.F. Legget)	21.33.33.1980N.0660E	1,108.6	--	448.1	469.4	476.1	541.9	547.1	586.7
FFG-254 (R.F. Legget "A" No. 1)	21.33.34.1980N.0660W	1,111.6	1,133.6	460.6	481.6	487.7	549.6	556.9	593.8

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-255 (No. 1 Amarada State)	21.33.35.0660N.0660W	1,122.6	1,103.4	512.7	534.9	542.5	608.1	616.3	655.3
FFG-256 ("F" State #1)	21.34.02.1980S.1980E	1,136.0	1,241.1	578.2	600.8	606.2	658.1	665.1	697.1
FFG-257 (Berry "5" St. Com. No. 1)	21.34.05.1980S.0660W	1,137.2	4,305.6	536.8	557.8	563.6	613.9	620.0	653.2
FFG-258 (Shell State No. 10)	21.34.13.0660N.0660E	1,120.4	1,171.0	505.4	525.5	532.8	574.2	584.0	622.7
FFG-259 (Shell State "A" No. 2)	21.34.16.0660S.0990E	1,139.6	1,275.0	554.7	578.5	586.1	636.4	644.7	682.8
FFG-260 (State "P" No. 5)	21.34.24.2310N.1650W	1,111.0	1,153.7	489.2	507.2	513.6	554.7	562.1	595.9
FFG-261 (State #33)	21.34.24.0990S.2310E	1,106.1	1,399.3	495.9	513.3	519.7	563.9	568.8	603.5
FFG-262 (Mascho Unit Well #1)	21.34.31.0660S.0750W	1,109.5	1,309.1	--	--	--	623.9	632.5	669.0
FFG-263 (Shamrock State #1)	21.34.32.0660S.1980E	1,115.6	1,292.4	562.2	589.0	594.5	659.1	667.1	708.8
FFG-264 (Continental Federal #1-9)	23.32.09.0660S.1980E	1,121.1	1,488.9	343.5	360.6	367.9	417.3	424.9	467.6
FFG-265 (Federal Continental 1-15)	23.32.15.1980N.1980E	1,130.8	1,546.9	355.4	374.9	381.0	444.7	453.5	496.2
FFG-266 (Fields Federal No. 1)	23.32.24.0660S.0660E	1,131.4	1,587.1	372.5	394.7	400.5	466.0	474.6	521.8
FFG-267 (Humble State #1-32)	23.33.32.0660N.1980E	1,120.4	1,631.3	384.0	406.9	412.1	479.1	487.7	537.7
FFG-268 (State 1-35)	23.33.35.0660S.0660W	1,115.9	1,672.4	399.9	425.2	431.3	502.3	509.6	552.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-269 (Bell Lake Unit #2)	23.34.30.0660S.3300E	1,105.8	3,855.1	376.6	403.4	408.9	478.1	488.2	537.5
FFG-270 (Harris Federal #1 (#1 Antelope Ridge Unit))	23.34.27.0660S.1980W	1,057.0	4,419.9	265.2	282.5	287.7	326.7	335.9	367.6
FFG-271 (State "FO" #1)	23.34.26.0660S.1980W	1,049.4	4,234.9	215.5	234.4	240.5	275.5	281.6	316.1
FFG-272 (Perry Federal #1-31)	22.32.31.0660N.1980E	1,073.5	1,453.1	226.9	251.0	257.1	321.7	329.6	376.3
FFG-273 (Federal "WL" #5-7)	23.32.07.0510N.0660E	1,079.2	1,435.2	262.3	281.8	289.1	326.0	333.9	377.5
FFG-274 (#2 Red Tank Unit)	22.32.14.0660S.1980W	1,137.2	1,528.3	286.2	303.0	310.0	344.1	351.4	389.8
FFG-275 (#1 Connally Federal)	22.32.15.1980S.1980E	1,135.7	4,598.5	277.1	295.4	301.4	335.0	341.1	368.5
FFG-276 (Federal 1-17)	22.32.17.1980S.1980E	1,125.9	4,503.7	264.3	280.7	288.3	323.1	330.1	359.7
FFG-277 (Federal Jennings #1-18)	22.32.18.0660S.0660E	1,123.2	1,487.7	269.7	286.5	294.1	327.7	334.1	369.7
FFG-278 (Bass Federal #1)	22.32.19.0660S.0660E	1,098.2	1,460.9	229.8	252.4	259.7	321.6	332.8	375.8
FFG-279 (#1 Federal)	22.32.20.1980N.1980E	1,107.9	--	247.8	267.0	274.6	331.0	340.2	372.2
FFG-280 (Federal Red Tank Unit #1-22)	22.32.22.1980N.0660W	1,120.3	1,223.5	261.7	283.0	289.4	331.5	340.3	382.1
FFG-281 (Covington "A" Federal #1)	22.32.25.0660N.1980W	1,147.3	4,725.3	311.5	333.1	339.9	384.7	392.9	438.0
FFG-282 (Shell et al Bootleg Ridge Unit #1)	22.32.36.0330N.1980W	1,146.4	4,966.4	349.3	--	--	--	--	485.5

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-283 (Cotter Federal No. 1)	22.33.01.0660N.1980E	1,090.9	1,183.8	506.3	527.0	532.8	594.7	601.7	640.4
FFG-284 (Reed Federal #1)	22.33.04.2310S.0800W	1,117.1	1,513.3	386.8	405.1	411.2	469.1	475.8	520.9
FFG-285 (Richardson-Bass State No. 1)	22.33.05.0660S.0330E	1,112.5	1,677.0	352.3	371.2	377.6	442.9	452.0	496.5
FFG-286 (State "K" #1)	22.33.07.0660S.0660W	1,101.5	1,522.2	264.0	281.3	287.4	327.7	335.3	372.8
FFG-287 (S.S.T. State #7-1)	22.33.07.1980S.1980E	1,094.6	4,654.3	282.6	301.5	308.5	356.4	361.3	401.5
FFG-288 (Hudson Federal No. 1)	22.33.09.0660N.0660W	1,110.4	1,531.3	344.7	365.5	371.6	441.7	447.8	493.5
FFG-289 (Getty Federal "15" No. 1)	22.33.15.1980S.1980E	1,081.9	4,626.3	345.6	362.0	368.1	401.3	408.0	442.8
FFG-290 (Conoco Federal #1)	22.33.20.1980N.0660W	1,103.4	1,538.6	277.7	296.9	303.9	332.5	342.6	370.0
FFG-291 (Shell State #1-B)	22.33.32.0660S.0660W	1,132.0	1,593.5	365.8	389.5	395.3	463.3	471.2	516.9
FFG-292 (Phillips State #1)	22.33.33.0660N.0660E	1,090.6	1,906.5	316.4	332.2	338.3	365.8	372.8	403.9
FFG-293 (#1 Humble State)	22.33.34.0660S.1980E	1,085.1	1,613.6	319.1	334.4	340.5	367.0	374.6	412.7
FFG-294 (State "AR" #1)	22.34.01.1980S.0660W	1,095.5	1,228.6	500.2	522.7	528.5	591.0	598.0	637.3
FFG-295 (New Mexico State BU #1)	22.34.02.0660S.1980W	1,087.5	1,217.7	504.7	527.3	532.8	598.0	607.5	648.6
FFG-296 (#1 State GRA)	22.34.03.1650N.0660W	1,106.4	--	513.9	--	--	--	--	661.7
FFG-297 (#4 Federal "GR")	22.34.04.2310N.2310W	1,104.9	--	537.4	565.7	572.4	635.8	649.5	684.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-298 (Bell Lake Unit #8)	22.34.07.0660S.0660W	1,070.0	1,157.3	500.8	517.6	523.3	541.9	549.6	580.0
FFG-299 (New Mexico State "AE" No. 1)	22.34.08.0660S.1980E	1,078.4	1,306.7	484.0	509.3	514.2	580.6	588.6	637.0
FFG-300 (Jacquie Ann #1)	22.34.22.0330N.0330E	1,062.2	1,179.6	518.5	541.6	546.8	581.6	589.2	645.3
FFG-301 (Merchant "B" #1)	22.34.26.1980S.0660E	1,046.4	4,135.8	531.6	555.3	560.8	610.5	616.0	687.0
FFG-302 (Jalmat Deep #1)	22.35.01.0660S.0660W	1,092.7	3,846.0	550.2	574.2	578.5	649.2	655.9	672.4
FFG-303 (Donegan State No. 1)	22.35.03.0660N.0660W	1,099.3	1,250.6	563.4	588.1	594.2	650.3	657.3	694.5
FFG-304 (Humble State #1)	22.35.09.1980S.1980W	1,088.1	1,277.4	547.7	570.6	575.2	642.2	649.2	688.8
FFG-305 (Jalmat Water Supply #2)	22.35.14.0660N.1700W	1,093.9	1,416.1	559.3	584.6	590.7	650.7	659.3	694.3
FFG-306 (North Rock Lake Unit #1)	22.35.16.1980N.1980E	1,075.9	1,731.6	583.7	606.6	610.8	662.9	670.6	714.5
FFG-307 (Shell State #1)	22.35.17.0660N.0660E	1,078.7	1,274.7	560.8	585.2	590.7	646.5	654.4	694.9
FFG-308 (Carper Aztec No. 1)	22.35.20.1980N.0660E	1,075.9	1,355.4	584.6	610.2	615.4	699.8	708.1	752.9
FFG-309 (State Nix #1-23)	22.35.23.0660S.1980W	1,093.6	1,338.1	558.4	585.5	590.4	659.0	665.7	705.0
FFG-310 (Cone Jalmat Yates Pool Unit Tract 8 - #5)	22.35.25.1980N.0660W	1,087.5	1,175.0	523.3	548.3	552.9	612.3	618.4	657.5
FFG-311 (Rock Lake Unit #1)	22.35.28.1980S.0660W	1,085.4	4,255.0	586.7	598.9	604.4	656.8	665.1	698.0
FFG-312 (Gulf State 1-A)	22.35.35.0660S.0660W	1,076.9	1,305.8	539.5	566.3	572.4	647.1	652.9	692.8

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-313 (Federal "CK" Com. #1)	22.32.06.1980N.0660E	1,106.1	4,563.2	171.8	191.0	198.0	235.8	244.1	273.9
FFG-314 (B & H Federal #1 (Texico-Weaver))	22.32.13.0660S.0660E	1,121.1	1,543.5	258.8	278.0	285.0	332.2	339.5	386.2
FFG-315 (Federal #1)	23.32.03.1969N.0660E	1,131.1	1,527.7	348.2	366.8	372.6	429.6	436.9	480.2
FFG-316 (Matthews "11" #1)	23.32.11.1980N.1980E	1,133.2	1,546.9	361.8	385.3	391.1	454.8	463.0	509.0
FFG-317 (Federal Sand 18-1)	23.32.18.1980N.0660E	1,097.6	4,719.8	305.4	320.6	324.9	365.2	372.5	404.5
FFG-318 (Federal Estill AF-1)	23.32.20.0660S.1980E	1,123.5	1,505.1	365.5	381.3	388.9	413.3	420.9	457.5
FFG-319 (Gulf-Federal "A-A" #1)	23.32.21.0660N.1980W	1,120.7	1,504.8	351.4	369.1	374.9	416.1	424.3	458.7
FFG-320 (Wehrli-Federal #1)	23.32.25.0990N.2310W	1,129.6	1,567.0	367.3	388.3	394.1	460.2	467.6	513.6
FFG-321 (Fields No. 2)	23.32.25.0990S.0330W	1,124.7	1,581.9	364.2	386.8	392.6	456.3	463.0	511.8
FFG-322 (Federal "WL" #3-26)	23.32.26.0330S.0660E	1,124.7	1,582.2	369.6	391.5	397.3	454.9	462.5	507.9
FFG-323 (Federal Field #1)	23.32.26.0660S.1980W	1,120.4	1,544.7	369.3	390.9	397.0	445.2	452.5	493.6
FFG-324 (Continental Federal No. 1)	23.32.28.0660N.1980W	1,122.0	1,969.6	360.3	376.7	384.0	422.5	429.8	468.8
FFG-325 (Hankamer No. 1 Continental Federal)	23.32.31.0660S.0660W	1,079.9	1,137.5	260.3	279.5	286.5	317.6	326.7	366.4
FFG-326 (Holder Federal #1)	23.32.33.1980N.0660E	1,117.7	1,518.5	363.3	381.6	388.6	411.2	419.7	460.2

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-327 (Federal "K" No. 1)	23.32.34.1980S.0330E	1,102.2	1,546.9	353.9	373.1	378.6	412.4	420.3	456.9
FFG-328 (Federal W L #1-35)	23.32.35.1650N.2310E	1,121.4	1,553.9	364.4	386.9	392.7	447.6	456.7	500.9
FFG-329 (Gulf State #1)	23.32.36.1980N.0660W	1,120.4	1,584.7	364.8	386.5	392.0	451.4	459.0	507.2
FFG-330 (Brinninstool Deep Unit #1)	23.32.36.1980S.1980E	1,115.6	5,367.5	360.7	382.4	387.6	446.1	454.6	504.0
FFG-331 (Continental Federal #1-P)	23.33.04.0660S.0660E	1,103.7	1,605.7	350.2	375.2	381.0	450.8	456.9	501.1
FFG-332 (Shell Federal #1-6)	23.33.06.0330S.0330E	1,124.7	1,583.1	380.7	405.4	410.9	485.2	491.9	537.7
FFG-333 (Federal 7 Well #1)	23.33.07.0660S.0660W	1,130.5	1,561.8	384.2	407.7	413.2	479.9	487.5	531.7
FFG-334 (Texaco State No. 1)	23.33.17.0660S.0660W	1,125.9	1,649.3	382.8	407.8	413.3	481.0	488.9	536.8
FFG-335 (#1 "A" Shell State)	23.33.18.0660S.0660W	1,129.6	1,589.8	372.5	395.9	404.8	466.3	474.6	521.8
FFG-336 (Marshall #19-2)	23.33.19.1980S.1910W	1,124.1	1,590.1	369.7	393.5	399.0	466.0	473.7	520.9
FFG-337 (Levick Federal #1)	23.33.20.0660S.0660E	1,124.4	1,625.5	385.9	410.6	416.4	482.5	490.1	539.8
FFG-338 (Lea State #1)	23.33.31.0660N.0660E	1,123.5	1,594.4	378.7	402.8	408.3	476.6	484.5	533.9
FFG-339 (8104 JVP Hat No. 1)	23.33.35.1980N.0660E	1,107.9	3,796.6	396.8	423.1	427.6	496.2	503.8	554.1
FFG-340 (Bell Lake Unit 1 #18)	23.33.36.1980S.0660E	1,107.0	4,246.8	385.6	413.0	418.2	489.2	497.7	547.1

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-341 (Allan Hargrave #1 State)	23.34.01.0660S.0660W	1,025.0	1,357.9	523.3	--	--	--	--	623.3
FFG-342 (Bell Lake Unit #6)	23.34.06.0660S.1980E	1,056.1	3,628.0	308.5	329.2	335.9	373.4	379.8	404.5
FFG-343 (#1Y Federal "AA")	23.34.10.1560N.1830W	1,032.1	--	732.1	--	--	--	--	--
FFG-344 (No. 1 Hall/ Hall-Federal #1)	23.34.15.0330S.0330E	1,040.6	1,671.8	327.2	347.9	355.5	381.5	389.7	418.0
FFG-345 (Bell Lake #9)	23.34.18.1980S.1980W	1,073.2	2,643.5	297.7	321.1	326.6	394.6	401.9	444.6
FFG-346 (Bell Lake Unit #10)	23.34.19.1980N.1980W	1,076.9	4,540.3	328.1	354.6	360.1	--	--	482.0
FFG-347 (North Antelope Ridge Unit #1)	23.34.22.1980N.1980E	1,039.7	3,588.7	273.7	295.0	303.0	340.2	346.9	384.4
FFG-348 (State 23 Comm #1)	23.34.23.0660S.1980W	1,035.7	4,170.3	244.8	262.4	267.6	297.2	302.7	349.6
FFG-349 (State R #1)	23.34.25.0660S.1980W	1,034.8	4,288.8	270.6	292.6	296.8	320.3	325.5	356.0
FFG-350 (State "EO" #1)	23.34.26.0660N.1980W	1,041.5	4,221.5	232.6	252.4	258.5	296.3	301.8	329.2
FFG-351 (Bell Lake Unit-1-A State)	23.34.31.0330S.2970E	1,102.8	3,818.5	370.6	397.2	401.7	473.4	481.6	531.3
FFG-352 (Bell Lake Unit #1)	23.34.31.0660S.3300E	1,103.1	1,583.4	371.6	397.5	403.6	473.7	481.3	530.0
FFG-353 (Bell Lake Unit #17)	23.34.32.1980S.1650W	1,095.8	4,270.2	344.1	369.1	374.6	444.7	451.7	497.4
FFG-354 (State AR #1)	23.34.35.0990N.1980W	1,051.0	3,712.5	233.2	250.2	255.7	289.0	295.0	328.6
FFG-355 (Mary Jane No. 1)	20.27.01.2310N.2310W	1,027.2	618.1	32.3	--	--	--	--	--

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-356 (Donahue No. 1)	20.27.13.1980N.1980W	1,008.9	305.1	45.1	--	--	--	--	120.4
FFG-357 (Wright Federal No. 1)	20.28.05.1980S.0660W	1,011.9	356.6	54.3	--	--	--	--	--
FFG-358 (#1 Trigg Federal)	20.28.15.1980N.0660E	988.6	329.6	25.1	--	--	--	--	--
FFG-359 (Connally #1)	20.28.26.2310S.0330W	985.4	260.0	41.1	--	--	--	--	144.8
FFG-360 (No. 1 Sun State)	20.28.30.1980N.0660W	1,008.9	225.6	--	--	--	--	--	--
FFG-361 (Superior Federal #2)	20.29.01.0660N.1980E	1,012.5	500.9	1.5	25.6	29.9	57.3	64.0	106.7
FFG-362 (Lambie Federal #1)	20.29.03.1980N.0660E	1,010.7	1,731.9	54.3	--	--	91.4	99.7	169.2
FFG-363 (#1-X Federal)	20.29.04.0660N.1980W	1,009.5	396.2	36.6	--	--	62.5	71.6	128.0
FFG-364 (Yates Federal #2)	20.29.07.0330S.0330E	993.6	354.8	50.9	--	--	75.3	83.8	--
FFG-365 (Lambie Federal No. 1)	20.29.09.1980N.0660E	1,003.4	442.0	60.0	--	--	--	--	--
FFG-366 (Jennings Federal No. 1)	20.29.10.0990N.0990E	1,010.4	3,685.0	50.0	69.8	76.5	98.8	106.4	146.6
FFG-367 (#1 McKee)	20.29.11.2310S.2310W	1,006.4	439.5	30.5	51.8	57.9	74.7	83.8	129.5
FFG-368 (McKee Federal No. 1)	20.29.12.0330S.0990W	1,012.5	487.7	-0.3	--	--	--	--	--
FFG-369 (Texaco Federal No. 2)	20.29.13.1470N.1170W	1,012.1	440.7	--	--	--	--	--	--
FFG-370 (#1 Texaco Federal)	20.29.13.0660N.1980W	1,012.9	--	0.0	--	--	44.2	50.3	93.6
FFG-371 (#1 Union)	20.29.13.0660N.2310E	1,012.9	--	0.0	15.2	18.3	47.2	54.3	93.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-372 (Texaco No. 1)	20.29.14.2310S.2310E	1,006.4	419.7	--	--	--	57.3	64.9	--
FFG-373 (Federal "X" #1-16)	20.29.16.0660N.1980W	998.1	423.1	53.1	--	--	89.1	96.1	--
FFG-374 (#1 Yates Federal)	20.29.17.0660S.0660E	995.2	375.5	48.8	54.3	65.5	86.9	93.0	140.2
FFG-375 (Yates Federal #1)	20.29.18.0660N.1980E	994.3	347.8	76.2	--	--	--	--	--
FFG-376 (Nicholas #1)	20.29.25.0330N.0330W	1,010.4	417.3	25.6	--	--	62.8	70.7	114.0
FFG-377 (Pauline Trigg Federal No. 1)	20.29.28.1650S.1650E	996.7	543.5	118.0	--	--	--	--	225.2
FFG-378 (Stebbins Federal Deep #1)	20.29.30.1980N.0990E	986.6	4,081.3	72.2	--	--	--	--	--
FFG-379 (Yates Petroleum Corp. No. 1)	20.29.31.0330N.2310E	986.0	1,060.7	89.0	--	--	--	--	--
FFG-380 (No. 1 Yates Federal)	20.29.32.0660S.0660E	989.4	3,691.3	80.6	--	--	--	--	210.8
FFG-381 (#1 Zachary)	20.29.36.1980S.0660W	1,021.4	528.5	0.0	--	--	106.7	112.8	146.3
FFG-382 (Golden Lane "36" Federal #1)	20.29.36.2080S.1880E	1,034.8	3,845.7	60.7	--	--	--	--	--
FFG-383 (#1-1 Federal "PA")	20.30.01.0660S.1980E	1,046.1	688.2	90.8	107.3	114.9	137.8	143.9	178.9
FFG-384 (Continental Federal #1)	20.30.05.1980N.1980W	976.0	518.2	--	30.2	38.1	54.9	63.7	--
FFG-385 (#1 Federal)	20.30.22.1980S.1980E	990.6	688.8	68.6	--	--	74.7	83.8	134.1
FFG-386 (Ford No. 2)	22.28.02.1650N.1650W	961.9	1,146.7	58.2	--	--	--	--	153.3
FFG-387 (Federal No. 7)	20.30.28.0330S.1980W	1,019.9	517.6	53.3	79.6	85.3	108.8	118.3	157.9

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-388 (USA Emperor Oil Company #1)	20.30.28.1980N.1980W	1,019.6	436.8	60.4	82.9	90.2	118.9	125.9	--
FFG-389 (Lowe Federal #1)	20.30.31.1980N.0760E	1,008.0	3,841.1	31.4	--	--	83.2	90.5	--
FFG-390 (Eddy State "BD" No. 1)	20.30.32.0660N.0330E	1,022.6	514.2	48.2	68.6	77.1	103.0	109.1	159.1
FFG-391 (Eddy State "BD" No. 2)	20.30.32.1980N.0330E	1,025.3	607.8	51.8	73.8	80.8	106.1	112.2	157.0
FFG-392 (Gulf Federal #1)	20.30.33.1650N.0990E	1,019.6	511.5	51.8	71.0	77.7	109.1	115.2	156.4
FFG-393 (Big Eddy Unit 33)	20.31.04.0660S.0660E	1,061.6	3,602.3	226.0	245.5	251.0	276.0	280.6	308.9
FFG-394 (#3 Big Eddy Unit)	20.31.06.0660S.0660E	1,050.3	--	124.4	141.7	147.2	167.9	173.1	203.6
FFG-395 (Big Eddy Unit #11)	20.31.07.1650S.0660E	1,059.2	3,618.6	140.8	157.6	163.4	184.7	191.7	217.0
FFG-396 (Big Eddy Unit #1-30)	20.31.30.0330S.0330E	1,090.0	2,241.8	188.4	205.7	212.8	236.2	242.9	302.7
FFG-397 (#1 Cowan)	21.28.01.4620S.1980E	1,036.9	793.7	254.8	285.0	290.2	338.3	358.1	--
FFG-398 (State #1)	21.28.02.3300S.0660W	1,011.6	3,753.3	185.9	206.0	213.1	239.9	244.4	--
FFG-399 (#1 Cowan)	21.28.03.3630S.2310E	1,001.6	--	163.1	--	--	216.4	221.0	--
FFG-400 (Big Eddy Unit #13)	21.28.05.1565N.1985W	980.5	3,696.9	74.1	--	--	--	--	--
FFG-401 (#1 Richardson & Bass)	21.28.07.0660N.0660W	972.3	--	97.5	--	--	132.6	138.7	--
FFG-402 (Big Eddy Unit No. 36)	21.28.12.1980S.0660E	1,023.1	3,883.9	20.6	43.7	51.1	76.0	86.4	--

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-403 (Big Eddy Unit #32)	21.28.15.0660S.0660W	995.2	3,524.9	32.2	53.8	59.9	80.6	91.9	148.3
FFG-404 (Big Eddy Unit No. 60)	21.28.20.1980S.1980E	976.6	3,719.2	50.9	75.0	79.2	103.3	109.4	--
FFG-405 (Federal "GN" #1)	21.28.27.0660S.0660E	970.2	1,456.0	62.2	--	--	--	--	144.5
FFG-406 (Big Eddy Unit #54)	21.28.29.1180S.1980W	968.4	1,779.3	0.0	--	--	--	--	--
FFG-407 (Big Eddy No. 39)	21.28.29.1980N.1980E	969.9	3,725.6	11.6	29.9	37.5	61.9	71.0	--
FFG-408 (#2 Nix & Yates Federal)	21.28.30.1750S.1750E	965.0	230.1	51.8	51.8	56.4	57.9	64.0	137.2
FFG-409 (#1 Nix-Yates Federal)	21.28.30.1650N.1650W	970.5	320.0	--	--	--	27.4	38.1	--
FFG-410 (Big Eddy Unit #31)	21.28.31.0535S.0660W	950.7	1,401.3	94.0	--	--	--	--	223.6
FFG-411 (Richardson Bass Federal No. 1)	21.28.33.0560S.0660W	957.7	915.9	70.4	--	--	70.4	83.8	168.6
FFG-412 (Big Eddy #59)	21.28.35.0990N.1650W	970.2	1,153.1	14.9	--	--	--	--	125.3
FFG-413 (Big Eddy #47)	21.28.35.1980N.1980W	968.7	1,144.5	53.6	--	--	53.6	62.5	133.5
FFG-414 (Big Eddy Unit #62)	21.28.35.0330S.2310W	965.8	1,155.6	47.7	--	--	--	--	157.4
FFG-415 (Big Eddy Unit #49)	21.28.35.1650S.0330W	964.4	1,156.7	32.6	--	--	--	--	114.9
FFG-416 (Big Eddy Unit #56)	21.28.35.1980N.2310E	971.1	1,150.9	40.8	--	--	--	--	130.8
FFG-417 (Big Eddy #58)	21.28.35.2310S.1650W	966.7	1,161.3	46.6	--	--	--	--	128.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-418 (Big Eddy Unit #18)	21.29.03.1980N.1980W	1,033.9	3,932.8	50.6	—	—	103.6	110.9	--
FFG-419 (Cowden Federal #1)	21.29.04.4620S.1980W	1,052.5	3,887.7	55.5	75.9	83.5	109.7	115.8	--
FFG-420 (#1 Hudson Federal)	21.29.04.0838N.1650W	1,045.1	--	52.4	71.6	80.8	108.2	117.3	--
FFG-421 (#1 Trigg Federal "AA")	21.29.05.0630N.1980E	1,047.0	661.4	63.4	86.9	92.0	123.7	133.2	167.6
FFG-422 (#1 Harris Bell)	21.29.05.1980N.0660E	1,054.3	--	77.7	96.0	108.2	131.1	138.7	--
FFG-423 (#1 Harris Federal)	21.29.05.2825N.2310W	1,057.0	581.6	196.9	--	--	--	--	299.3
FFG-424 (Harris "6" #1)	21.29.06.3147N.0660E	1,057.7	3,522.6	247.8	--	--	--	--	--
FFG-425 (Big Eddy Unit #16)	21.29.18.1980S.1980E	1,003.7	3,949.9	40.2	—	--	--	--	158.2
FFG-426 (Big Eddy Unit #55)	21.29.19.0660S.0660E	996.1	2,013.2	34.1	--	--	69.2	76.8	139.6
FFG-427 (#1 Nix-Hall)	21.29.21.0660S.0660E	1,042.7	1,016.2	94.5	--	--	--	--	166.1
FFG-428 (Big Eddy Unit No. 40)	21.29.22.1980N.1980E	1,048.5	4,052.6	110.9	--	--	--	--	205.7
FFG-429 (Big Eddy Unit No. 38)	21.29.34.0660N.1980W	1,044.2	4,057.2	63.1	--	--	--	--	160.6
FFG-430 (Big Eddy 45-Y)	21.30.16.1908N.0751E	1,007.7	1,502.7	44.5	—	--	--	--	198.4
FFG-432 (James "C" #1)	21.30.35.1980S.0660W	978.4	4,199.8	46.6	54.3	60.4	93.9	101.5	141.1
FFG-435 (Ford State No. 1)	22.28.02.0330N.2310W	968.0	1,154.9	47.5	--	--	70.4	75.6	151.2

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-434 (Old Indian Draw Unit #16)	22.28.07.0330S.0794W	944.6	1,049.7	41.1	--	--	--	--	118.2
FFG-435 (Old Indian Draw Unit #14)	22.28.07.0330S.1650W	943.7	1,042.4	0.0	--	--	--	--	94.5
FFG-436 (Old Indian Draw Unit #33)	22.28.07.2324N.2230E	943.4	1,080.7	42.2	--	--	--	--	120.3
FFG-437 (Old Indian Draw No. 7)	22.28.18.2310N.2150W	937.9	1,048.6	27.9	--	--	--	--	118.7
FFG-438 (SCL Federal #1)	22.31.01.0530S.0330W	1,082.2	1,396.3	189.6	207.6	215.5	246.6	252.4	284.7
FFG-439 (Old Indian Draw No. 6)	22.28.18.2002S.1721W	941.2	1,037.2	23.8	--	--	--	--	--
FFG-440 (Old Indian Draw #2)	22.28.18.0660S.1980E	938.5	1,033.3	51.5	--	--	--	--	120.1
FFG-441 (#1 Old Indian Draw Unit)	22.28.18.1980S.1980E	938.8	3,790.5	32.3	--	--	--	--	120.7
FFG-442 (Old Indian Draw Unit #17)	22.28.19.0660N.1973W	937.0	1,050.3	--	--	--	--	--	--
FFG-443 (Pecos Irrigation #1)	22.28.21.1980N.1980E	934.2	836.1	--	--	--	--	--	113.7
FFG-444 (Big Chief #1)	22.28.22.1980N.1980W	943.4	1,461.6	32.8	--	--	--	--	118.2
FFG-445 (Big Eddy Unit #43)	22.28.25.1980S.1980E	960.7	3,987.7	40.5	--	--	40.5	49.1	133.5
FFG-446 (Little Squaw #1)	22.28.27.1980N.1980W	937.0	1,139.0	19.8	--	--	--	--	107.6
FFG-447 (C.R. Lopez "A" #1)	22.28.29.0660S.0990W	922.3	780.0	25.0	--	--	--	--	98.8

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-448 (City of Carlsbad #1)	22.28.29.2210S.1980W	924.2	995.2	6.4	--	--	--	--	108.8
FFG-449 (Nichols "HV" #1)	22.28.30.0990S.0330W	931.8	1,185.7	--	--	--	--	--	112.5
FFG-450 (Harroun #1)	22.28.30.2310N.0990E	925.7	3,803.9	--	--	--	--	--	106.4
FFG-451 (Eastland Brantley #1)	22.28.31.0900N.1650E	929.3	985.7	9.1	--	--	--	--	106.7
FFG-452 (Gourley Federal #3)	22.28.31.0990N.0330E	934.2	764.1	--	--	--	--	--	126.8
FFG-453 (State AA 2 #1)	23.31.02.0660N.0660E	1,049.5	1,579.0	187.3	--	--	267.2	276.6	323.0
FFG-454 (James Ranch Unit #7)	23.31.06.1957N.1973E	1,011.8	4,434.2	87.2	--	--	--	--	184.7
FFG-455 (Bauerdorf-Federal #1)	23.31.11.0660S.0330E	1,061.3	1,797.7	223.7	243.8	250.9	291.1	299.9	337.4
FFG-456 (Todd Federal "14" No. 1)	23.31.14.1980S.1980W	1,063.4	5,039.3	234.4	250.9	258.2	286.8	293.5	332.5
FFG-457 (Arco State #1-16)	23.31.16.1980S.1980W	1,023.5	4,566.8	138.4	155.4	162.2	192.3	200.9	239.0
FFG-458 (Muse-Federal #1)	23.31.21.0660S.0660E	1,025.8	1,327.6	137.6	153.2	163.5	192.5	200.7	240.3
FFG-459 (#1-Z Todd "25" Federal)	23.31.25.1980N.1970W	1,070.5	--	253.9	271.0	278.6	309.1	318.2	353.3
FFG-460 (Todd "26" Federal #2)	23.31.26.1980N.1650E	1,049.7	1,869.0	225.6	--	--	--	--	321.0
FFG-461 (Todd Federal "26" No. 1)	23.31.26.1980N.1980E	1,047.6	4,807.3	222.2	--	--	--	--	317.9
FFG-462 (Wright-Federal #1)	23.31.27.1980S.0660W	1,032.1	1,333.1	148.0	166.3	174.6	203.5	211.4	250.8

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-463 (Continental State No. 1)	23.31.32.0660N.0660W	1,021.1	1,286.3	107.6	128.0	134.7	166.7	177.4	209.7
FFG-464 (Wright-Federal #3)	23.31.33.0660N.1980E	1,035.4	1,324.7	135.0	155.4	163.1	192.0	201.8	247.8
FFG-465 (Wright-Federal #2)	23.31.33.1980N.0660W	1,031.4	1,307.9	128.6	148.4	156.1	186.5	196.3	247.5
FFG-466 (Pauley Harrison State #1)	23.31.36.0660S.0660W	1,070.5	1,396.6	235.6	--	--	--	--	331.6
FFG-467 (Federal SR #1-8)	23.35.08.2310N.0330W	1,025.7	1,362.3	519.5	537.5	542.4	594.8	602.7	645.4
FFG-468 (Sand Well Unit #1)	23.35.09.1980S.1980E	1,064.7	4,864.0	571.2	599.2	604.7	687.0	691.6	742.5
FFG-469 (#1 Federal "F")	23.35.12.1980N.1980W	1,046.4	--	612.3	--	--	--	--	688.5
FFG-470 (Ann Davis #1)	23.35.14.0660N.1983E	1,067.1	1,278.0	557.5	582.2	587.0	659.0	664.5	707.1
FFG-471 (State Henry #1-17)	23.35.17.0660N.0660E	1,036.6	1,369.2	510.8	536.1	541.6	610.5	616.0	664.2
FFG-472 (North Custer Mountain Unit #1)	23.35.28.0660N.1980W	1,032.4	1,762.4	468.2	494.1	499.6	530.7	536.8	593.1
FFG-473 (State "D" #1)	23.35.36.0660N.0660W	1,060.7	2,777.6	569.1	592.5	597.1	670.3	677.0	721.2
FFG-474 (Continental Federal #1-L)	24.32.01.1980S.0660W	1,100.6	1,547.8	349.9	371.2	377.3	423.1	428.9	465.7
FFG-475 (Ohio State No. 1)	24.32.02.1980N.0660E	1,103.7	1,541.5	354.0	374.8	379.9	417.4	426.0	465.9
FFG-476 (Bondurant Federal No. 1)	24.32.06.0660N.1980E	1,090.1	1,459.7	268.3	285.1	292.7	329.9	338.4	378.7
FFG-477 (Federal Hanagan D #1)	24.32.10.1980S.1980E	1,102.8	1,514.6	328.3	342.0	351.1	376.1	384.0	423.1

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-478 (Federal Hanagan D #2)	24.32.11.1980S.1980E	1,104.8	1,508.7	349.2	365.1	371.2	402.2	410.8	449.5
FFG-479 (Federal Hanagan D-4)	24.32.11.1980N.1980W	1,106.4	1,521.3	353.9	370.0	376.4	399.6	407.5	445.3
FFG-480 (Hanagan Federal No. 3)	24.32.12.1980N.0660W	1,096.1	1,530.4	341.7	363.6	369.7	408.1	414.8	454.5
FFG-481 (Woolley #1)	24.32.13.0660S.0660E	1,090.9	1,540.8	359.1	375.2	381.9	409.3	416.4	455.7
FFG-482 (#1 USA Jennings)	24.32.14.0660N.1980W	1,103.4	1,526.7	342.0	359.1	364.8	391.7	399.6	438.0
FFG-483 (Hicks-Federal #1)	24.32.15.0660S.1980W	1,094.2	1,525.8	309.1	326.4	332.8	353.0	361.5	403.3
FFG-484 (Bradley #2)	24.32.22.1980N.0990E	1,095.6	1,514.6	323.4	342.0	347.5	369.7	374.9	423.4
FFG-485 (Bradley #1)	24.32.22.1980S.1980E	1,096.5	1,509.8	317.1	333.9	339.7	366.2	373.5	413.7
FFG-486 (Ernest Federal #1)	24.32.23.1980N.0660W	1,097.6	917.4	331.3	348.1	354.2	381.6	389.2	428.9
FFG-487 (Exxon A Federal No. 2)	24.32.23.1650N.0330W	1,097.0	1,523.7	333.1	350.5	356.6	381.6	390.1	427.6
FFG-488 (Bon Durant Federal No. 1)	24.32.24.0330N.0330W	1,088.6	1,545.8	340.6	357.4	362.0	390.3	396.1	439.7
FFG-489 (Federal "BM" #1)	24.32.25.1980N.1980W	1,086.6	4,863.2	322.0	338.2	344.3	369.3	377.8	423.5
FFG-490 (#1 Payne)	24.32.29.1980N.0660W	1,072.6	1,459.1	217.0	233.8	239.9	265.8	271.3	306.9
FFG-491 (Paduca Federal #1)	24.32.30.1980N.1980E	1,077.5	4,726.8	221.6	241.1	247.2	277.7	284.4	324.9
FFG-492 (Cotton Draw Unit Well #72)	24.32.33.0660S.0660E	1,067.4	1,475.5	249.9	268.8	274.9	301.8	310.3	346.9

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-493 (#69 Cotton Draw Unit)	24.32.34.1980S.1980W	1,069.2	--	265.6	283.9	289.4	316.8	326.0	359.5
FFG-494 (Cotton Draw Unit #74)	24.32.34.0660S.1980W	1,069.5	1,509.1	258.2	277.4	283.5	315.5	322.5	356.3
FFG-495 (Federal Del Basin #1)	24.32.35.0660S.0660W	1,072.3	1,514.3	272.9	289.3	295.1	322.5	329.2	375.9
FFG-496 (#5 Bell Lake Unit)	24.33.01.1980N.1980E	1,108.3	--	392.9	419.7	424.0	492.3	504.1	552.9
FFG-497 (State #1-7)	24.33.07.0660S.0660E	1,090.6	1,569.1	369.1	389.5	395.0	440.7	448.4	488.9
FFG-498 (New Mexico State A.G. 1)	24.33.08.0660N.0660W	1,104.9	1,587.4	367.9	390.8	396.5	459.3	467.3	515.7
FFG-499 (Holland #1)	24.33.13.1980N.0660E	1,091.5	1,648.4	376.1	402.0	406.9	479.1	488.3	541.6
FFG-500 (Holly - State #1)	24.33.17.0660N.1980E	1,091.5	1,594.4	365.5	386.8	392.9	448.1	456.3	508.7
FFG-501 (State "BB" 20 No. 1)	24.33.20.0660S.1980W	1,075.6	1,587.4	344.1	365.5	371.6	402.6	410.0	450.2
FFG-502 (State #1)	24.33.22.1980N.0660W	1,092.4	1,674.0	367.6	389.5	395.0	454.2	461.5	525.2
FFG-503 (Sunray State #1)	24.33.27.1980S.1980W	1,064.1	1,643.2	358.7	380.1	384.7	440.1	447.8	490.4
FFG-504 (State "AP" #1)	24.33.29.0660S.1980E	1,070.5	1,582.2	346.9	364.5	370.6	396.2	402.9	451.7
FFG-505 (Continental State #1)	24.33.30.0330N.0330W	1,077.8	1,549.6	323.1	338.3	343.5	375.5	381.6	427.3
FFG-506 (Continental State #1)	24.33.31.1980S.0660E	1,069.8	1,560.9	320.6	338.9	344.4	369.7	379.2	420.3
FFG-507 (#1 Lea St. "GX")	24.33.36.0660N.0660E	1,051.9	1,628.1	339.1	359.5	363.5	444.9	452.5	502.8
FFG-508 (State "2" #2)	24.34.02.1980S.1980W	1,051.9	3,629.9	288.6	307.8	313.3	363.0	371.2	423.1

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-509 (Antelope Ridge #6)	24.34.03.1980N.1980E	1,066.5	3,623.8	298.7	321.3	327.4	398.4	404.2	450.2
FFG-510 (Federal "BE" #1)	24.34.04.0660N.1650E	1,080.5	1,623.2	313.2	335.7	341.8	410.4	421.7	465.3
FFG-511 (Bell Lake Unit No. 3)	24.34.06.0660N.3300E	1,102.8	2,683.8	374.6	400.5	406.3	473.7	483.4	532.2
FFG-512 (Alexander #1)	24.34.10.1980N.1980E	1,073.5	4,392.2	325.2	352.7	358.7	429.8	438.9	496.8
FFG-513 (Madera Comm. #1)	24.34.11.0660N.1980W	1,061.0	4,183.6	298.0	320.3	326.1	394.0	401.7	455.0
FFG-514 (Federal Johnson #1)	24.34.13.0660S.0660W	1,060.1	1,683.4	305.4	328.9	334.1	414.2	423.1	482.8
FFG-515 (Government M #1)	24.34.17.1980S.1980E	1,082.3	4,533.0	359.7	384.4	389.5	465.1	471.5	526.1
FFG-516 (Shell-Federal "B" #1)	24.34.21.0660N.1980E	1,075.0	1,676.1	359.1	383.7	389.5	462.4	473.4	529.1
FFG-517 (Wilson Federal Com. #1)	24.35.05.1980N.1980W	1,053.1	4,327.9	243.8	264.3	269.4	297.8	302.4	320.6
FFG-518 (Federal "CR 8" #1)	24.35.08.1980S.1980E	1,036.3	3,702.4	238.4	258.2	264.3	294.1	300.5	316.1
FFG-519 (Custer Mountain Unit Federal #1)	24.35.09.1980S.1980W	1,033.9	5,050.5	268.2	290.2	293.8	329.8	337.4	374.0
FFG-520 (Lea State "GB" #2)	24.35.10.0660N.0660W	1,030.8	1,217.2	377.8	395.4	399.1	439.9	445.4	488.1
FFG-521 (Cinta Roja "10" No. 1)	24.35.10.1980N.1650W	1,028.7	4,442.8	355.4	373.7	378.3	395.6	400.5	424.0
FFG-522 (Fields #1)	24.35.12.1980N.1980W	1,055.2	2,649.8	523.5	550.9	555.5	621.0	627.7	672.8
FFG-523 (Peggy M. Baetz No. 1)	24.35.13.1980S.0660E	1,041.8	1,371.3	500.5	524.9	532.5	592.5	598.6	652.9

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-524 (Lea State "GB" #1)	24.35.15.1980N.1980E	1,024.1	1,647.7	331.0	349.0	353.3	408.1	416.7	462.4
FFG-525 (Luzon Federal #1)	24.35.13.0660N.1980E	1,047.0	4,547.5	503.7	533.3	538.5	603.1	610.4	658.6
FFG-526 (#3 Perkins "AD")	19.30.05.1980N.0330W	1,033.9	--	60.4	--	--	83.2	90.8	122.8
FFG-527 (C & I Federal #1)	19.30.13.0660S.1980E	1,031.7	674.5	72.8	93.0	98.1	137.5	143.6	160.6
FFG-528 (#1 Southern Calif. Pet.)	19.30.14.2310N.0330E	1,023.5	--	71.9	89.3	97.5	127.4	132.0	159.4
FFG-529 (State No. 1)	19.30.16.2310N.0990E	1,022.3	890.0	36.3	--	--	--	--	--
FFG-530 (#1 Kelly Federal)	19.30.20.0660S.1980W	1,016.5	544.4	16.2	--	--	50.6	58.8	86.3
FFG-531 (Union Federal #3)	19.30.23.2310N.0990E	998.2	607.5	78.9	--	--	103.3	109.4	143.0
FFG-532 (Federal Holder #1)	19.30.24.1980S.0330W	990.3	599.5	74.7	--	83.2	110.6	117.3	151.8
FFG-533 (Federal "CR" No. 4)	19.30.24.1705S.1650W	994.3	599.2	65.5	--	--	--	--	138.7
FFG-534 (C.R. Holder #5)	19.30.24.1650S.2310E	1,021.1	625.8	74.7	--	--	128.3	137.8	--
FFG-535 (Federal Holder "CR" No. 3)	19.30.24.2310N.0660W	995.9	595.0	56.2	76.0	83.1	113.8	120.2	145.5
FFG-536 (Federal Holder "CR" No. 6)	19.30.24.0940S.1725W	996.1	596.5	67.7	--	--	103.6	111.6	142.6
FFG-537 (Federal Holder "CR" No. 2)	19.30.24.0990S.0330W	985.4	597.1	80.8	--	--	105.5	112.8	144.8
FFG-538 (Federal Holder "CR" #7)	19.30.24.0990S.2310E	1,017.1	609.4	73.2	--	--	--	--	--

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-539 (Lebow Federal No. 7)	19.30.25.1980N.1650E	1,019.6	636.1	86.0	--	--	--	--	182.6
FFG-540 (Lebow Federal No. 5)	19.30.25.0660N.0660E	1,028.1	651.4	79.6	--	--	--	--	178.9
FFG-541 (Lebow Federal No. 10)	19.30.25.0990S.0660E	1,047.0	661.4	103.3	--	--	--	--	189.9
FFG-542 (Lebow Federal No. 12)	19.30.25.0660S.0660W	1,011.9	604.7	104.9	--	--	--	--	204.5
FFG-543 (Yates Federal "A" No. 1)	19.30.28.0990S.0330W	997.9	517.2	27.0	--	--	65.7	71.2	--
FFG-544 (Lane #1)	19.30.29.0990S.0990E	999.7	523.3	19.7	--	--	--	--	101.3
FFG-545 (Federal Yates #1)	19.30.30.0660S.1980E	1,013.8	552.9	12.8	--	--	--	--	--
FFG-546 (Federal "B" #1)	19.30.31.0660S.0660W	1,013.5	513.0	30.2	33.2	37.8	59.1	66.8	--
FFG-547 (Lowe State #1)	19.30.32.0330N.2310W	1,000.0	513.6	27.4	--	--	--	--	118.9
FFG-548 (Aikman Stanolind State #1)	19.30.36.1650S.1650E	1,047.3	688.8	116.7	133.2	139.6	164.0	170.1	--
FFG-549 (Superior Federal #1-3)	25.29.03.0660N.0660E	909.8	1,007.1	37.5	--	--	--	55.8	110.0
FFG-550 (Superior Federal #1)	25.29.08.0660S.0660E	889.1	904.6	35.4	--	--	--	--	99.1
FFG-552 (Superior Federal 15 No. 1)	25.29.15.0660S.0660W	922.9	972.6	190.2	--	--	190.2	200.9	--
FFG-556 (Superior Federal #1-27)	25.29.27.0660S.0660W	908.9	960.4	60.4	--	--	60.4	75.6	--
FFG-559 (#1 Slater)	25.29.31.1980S.0660E	902.3	900.7	0.0	--	--	102.7	108.8	171.3

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-561 (#1 Ruth Ross "O")	26.31.01.0660S.1980E	1,002.2	1,357.0	--	--	--	--	--	--
FFG-562 (Buckles Federal No. 1)	26.31.09.0660S.0660W	981.5	1,253.6	310.9	329.2	336.2	359.7	367.0	--
FFG-563 (Baverdorf #1)	26.31.11.1980S.0660E	969.9	1,306.1	387.4	405.1	412.4	432.5	441.7	--
FFG-564 (Federal No. 1-15)	26.31.15.0660S.0660W	969.3	1,267.4	306.3	--	--	--	--	411.5
FFG-565 (Phantom Banks Unit Federal 17 #1)	26.31.17.1980S.0660E	984.2	1,246.0	332.5	317.3	321.3	337.4	341.1	389.2
FFG-566 (Hanson Federal No. 1)	26.31.20.0660S.0660W	971.3	1,679.4	277.4	292.0	317.0	336.8	342.9	393.2
FFG-568 (Hanson #1)	26.31.25.0330S.0330W	957.1	1,263.7	322.5	--	--	325.2	331.3	--
FFG-569 (Hanson #3)	26.31.25.1650S.0330W	952.2	1,260.3	263.0	281.6	289.0	319.4	328.0	--
FFG-570 (Hanson #2)	26.31.34.0330N.0330E	945.8	1,249.4	387.7	--	--	--	415.1	--
FFG-572 (#1 Hopp Federal)	25.30.04.0660S.0660W	995.2	1,207.0	252.4	--	--	252.4	--	320.0
FFG-575 (Carper Hanson Superior State No. 1)	25.30.07.0660N.0660W	966.2	1,108.6	333.1	--	--	--	--	--
FFG-577 (Poker Lake State #3)	25.30.08.1980S.0660W	972.9	1,126.5	203.1	--	--	--	--	--
FFG-580 (Superior State #1)	25.30.08.1980N.0660E	979.6	1,161.0	164.9	--	--	--	--	244.1
FFG-582 (Richardson & Bass Federal #1)	25.30.09.0660S.0660W	981.8	1,171.3	271.6	--	--	--	--	356.9
FFG-583 (Poker Lake Unit #5X-1A)	25.30.10.0660S.0645W	998.2	1,201.8	275.2	--	--	--	--	377.3

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-584 (Poker Lake #44)	25.30.10.2030N.2180E	1,006.8	1,236.0	233.6	239.1	242.5	264.1	270.2	315.9
FFG-585 (Shugart Federal No. 1)	25.30.12.1980N.1980W	1,025.0	1,280.8	294.1	--	--	338.3	346.6	381.6
FFG-586 (Poker Lake Unit #10A-6)	25.30.14.1980N.0660W	1,020.2	1,251.5	376.7	--	--	--	--	465.7
FFG-589 (Poker Lake Unit #11A-7)	25.30.17.0660S.0660W	975.4	1,153.4	192.5	--	--	--	--	280.3
FFG-593 (Continental Federal #2)	25.30.20.1980S.0660W	968.0	1,120.4	181.9	--	--	--	--	261.4
FFG-594 (Poker Lake Unit #6 - 2A)	25.30.21.0660N.0660W	989.7	1,198.5	253.0	--	--	--	--	--
FFG-595 (Poker Lake Unit #4)	25.30.21.1980S.0660E	999.1	1,182.0	328.6	--	--	--	--	--
FFG-596 (#3 Poker Lake Unit)	25.30.22.1980S.0660W	1,004.9	4,536.3	352.1	--	--	--	--	--
FFG-599 (#1-30 Superior Federal)	25.30.30.0660S.0660W	942.4	1,073.2	247.7	--	--	--	--	298.9
FFG-600 (Marshall Federal #1)	25.30.35.1980N.0660E	1,003.4	1,223.8	274.3	275.8	281.3	303.3	310.9	--
FFG-601 (Richardson & Bass Federal No. 1)	25.30.35.0660S.0660W	983.9	1,218.6	338.3	360.9	368.2	403.9	411.2	--
FFG-602 (Cotton Draw Unit No. 65)	25.31.02.1980N.1980E	1,053.1	4,955.7	--	--	--	249.6	258.8	309.4
FFG-606 (Big Sinks Federal Unit #1)	25.31.35.0660N.1980E	1,012.9	4,779.3	289.9	309.4	317.0	339.2	345.3	409.7

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-607 (Federal Mounsey "B" #1)	25.35.05.0660S.0660W	1,001.3	1,705.4	258.2	278.0	282.9	320.0	329.5	377.0
FFG-608 (Mounsey Federal #1)	25.35.06.0460N.0660W	1,018.6	1,730.3	264.0	286.8	292.0	355.4	363.9	424.9
FFG-609 (Mounsey "A" Federal #1)	25.35.07.0660N.0660W	1,025.3	1,725.8	267.0	286.5	292.6	368.8	378.6	439.2
FFG-610 (McCormick #1)	25.35.18.0660S.0660W	1,023.2	2,140.6	276.5	300.8	310.0	374.0	383.1	434.9
FFG-611 (Federal Mounsey "C" #1)	25.35.20.1980N.0660W	1,009.2	1,708.4	277.4	301.8	306.0	365.2	373.7	429.8
FFG-612 (Elliott Federal #1)	25.35.22.0660S.0660W	977.1	1,640.7	243.7	261.4	264.4	298.0	307.4	352.2
FFG-613 (Harper Federal #1)	25.35.26.0660S.0660E	945.9	4,564.4	217.4	232.4	240.0	268.0	277.2	324.1
FFG-614 (Continental Federal #1)	26.29.01.0660S.1980E	919.0	1,040.9	242.3	--	--	--	--	--
FFG-615 (State #1)	26.29.02.0660N.0660E	926.9	1,020.8	200.3	--	--	--	--	281.0
FFG-617 (Ashland Federal #1)	26.29.06.0660S.0660W	881.2	851.9	18.3	--	--	--	--	--
FFG-618 (Hanson "A" #1)	26.29.11.0660S.0660E	897.0	988.8	195.1	--	--	210.3	217.9	--
FFG-620 (Gulf Federal #1)	26.29.13.1980S.1980W	909.9	998.8	150.1	171.4	178.7	--	--	--
FFG-621 (Gulf Federal "B" #5)	26.29.13.1980S.0660W	905.9	998.5	210.9	--	--	--	--	--
FFG-624 (Booth Federal #1)	26.29.14.0660N.0660W	907.1	1,040.3	--	--	--	--	71.2	--
FFG-627 (Baker Federal No. 1)	26.29.19.0300N.2096E	870.5	827.8	--	--	--	--	69.5	--

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-628 (Ashland Federal #1)	26.29.22.1980S.1980W	881.5	933.6	13.3	--	--	--	--	--
FFG-629 (Federal Boothe E #1)	26.29.23.0660S.0660W	881.8	930.2	51.2	--	--	--	--	128.6
FFG-630 (Gulf-Federal-Beatty #2)	26.29.24.0660N.1980E	912.6	981.8	56.7	--	--	--	--	--
FFG-631 (Gulf-Beatty No. 1)	26.29.24.0660N.0660W	903.1	1,014.1	44.7	--	--	--	--	--
FFG-637 (Federal Littlefield "BO" #1)	26.29.34.0949N.1660E	878.4	908.3	--	--	--	--	--	--
FFG-638 (Sinclair State No. 1-2)	26.30.02.0660S.0660W	975.4	1,185.7	383.7	402.3	408.1	438.6	445.3	--
FFG-639 (Scott Federal #1)	26.30.03.0660S.0660W	961.5	1,160.4	395.2	417.7	424.1	453.4	463.1	--
FFG-640 (Federal K. W. No. 1)	26.30.04.0660N.0660W	966.2	1,165.9	317.1	335.4	343.1	368.4	379.6	446.7
FFG-642 (No. 1 Brunson Federal)	26.30.06.0660S.0660W	929.9	1,055.2	--	--	246.0	--	--	358.7
FFG-643 (Monteray Blaydes #1)	26.30.12.0660S.0660E	975.4	1,211.0	286.5	305.7	313.0	333.1	338.3	399.3
FFG-644 (State #1)	26.30.16.0660S.0660E	936.7	1,093.0	213.2	230.3	235.5	259.5	266.2	--
FFG-645 (#1 AT Federal)	26.30.18.0660S.0660W	929.6	1,049.4	165.7	--	--	--	--	--
FFG-647 (U.S.A. #1)	26.30.20.2310N.0330W	931.5	1,071.4	158.5	--	--	--	--	--
FFG-648 (#1-24 Strat Test)	26.30.24.1980N.1980W	960.7	--	402.3	419.4	424.6	447.4	460.2	--
FFG-652 (State No. 2)	19.31.02.0330N.2310E	1,106.4	1,255.2	227.7	246.6	252.7	283.5	290.5	320.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-653 (Hanson Federal No. 2)	19.31.03.2310S.1980E	1,096.1	1,189.3	216.1	236.2	242.0	273.4	280.4	307.5
FFG-654 (Carper Federal No. 1-A)	19.31.04.0660N.0990E	1,098.5	1,264.3	199.0	218.5	223.7	252.7	259.4	286.2
FFG-655 (South Shugart Deep Federal Unit #1)	19.31.04.0760N.1980W	1,093.0	4,118.2	195.7	214.9	219.8	245.7	252.7	280.1
FFG-656 (Carper Welch #2)	19.31.04.1650N.2310E	1,091.8	1,099.7	197.5	214.9	221.0	246.6	253.3	282.9
FFG-657 (Pan American Federal #1)	19.31.05.0330N.0330W	1,083.3	1,076.2	177.1	193.5	199.6	220.4	227.1	253.3
FFG-658 (Pan American Federal #1-X)	19.31.05.2310N.2310E	1,088.1	1,079.0	189.9	206.3	213.7	238.7	245.4	271.9
FFG-659 (Hodges Federal #1)	19.31.06.0990S.0330E	1,072.6	1,007.4	170.7	186.5	192.9	215.8	224.0	251.5
FFG-660 (Featherstone Federal No. 1-B)	19.31.06.0330N.0330W	1,071.1	959.8	151.9	169.6	174.2	197.7	204.7	226.0
FFG-661 (Continental Federal No. 1)	19.31.09.1980S.1980E	1,082.0	841.2	--	--	--	--	215.8	243.2
FFG-662 (General Energy Corp. Federal #1)	19.31.11.0660S.1980W	1,085.7	1,204.3	191.1	209.4	214.9	242.3	248.4	275.5
FFG-663 (Gulf Oil Corp. #1 Holder "CT" Federal)	19.31.11.1980N.1980W	1,093.9	--	209.4	--	--	--	--	294.1
FFG-664 (H.J. "13" Federal Comm. #1)	19.31.13.1980S.2310W	1,084.5	3,864.9	196.3	216.1	222.5	248.1	253.6	289.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-665 (Robert A. Dean & Jack McCellan #1 Federal #15)	19.31.15.1980N.0660W	1,075.3	799.5	157.0	--	--	--	--	237.4
FFG-666 (Gulf State #1)	19.31.16.0660S.1980W	1,063.1	755.0	125.0	142.6	148.7	173.1	179.2	203.0
FFG-667 (Ross-Federal #1)	19.31.17.0660N.0660E	1,059.2	1,100.6	135.9	153.6	159.7	183.5	189.9	213.4
FFG-668 (Holt Federal #1)	19.31.18.0660S.0660W	1,043.3	1,023.8	95.6	--	--	117.2	123.9	138.2
FFG-669 (Tidewater "FE" #2)	19.31.19.1980S.1980E	1,036.3	675.4	102.1	--	--	123.4	130.5	145.7
FFG-670 (Sun Federal #1)	19.31.20.0990S.2310W	1,049.1	666.1	103.0	122.2	129.8	151.8	160.0	173.1
FFG-671 (English Federal #2)	19.31.20.0660N.1980W	1,044.9	686.1	127.2	--	--	144.9	153.7	171.4
FFG-672 (English Federal #1)	19.31.20.0330S.1980E	1,058.0	712.5	114.3	132.3	138.1	160.9	168.2	189.9
FFG-673 (Sun-Federal #2)	19.31.20.1980S.0990W	1,037.2	694.9	122.5	--	--	143.0	149.7	166.7
FFG-674 (Tenneco #2-21)	19.31.21.0330S.0330W	1,064.7	666.6	127.7	143.0	149.7	171.3	179.2	204.5
FFG-675 (Jones Federal #1)	19.31.23.1980N.0660E	1,078.4	740.1	182.4	200.7	206.8	226.9	234.2	259.2
FFG-676 (Jones Federal No. 2)	19.31.23.1980N.1980W	1,084.5	765.0	179.5	192.6	200.3	222.2	229.8	252.7
FFG-677 (Tenneco-Federal #1)	19.31.28.0330N.0330W	1,064.4	669.6	132.0	146.6	153.9	174.7	181.1	207.3
FFG-678 (Barbera Federal #1)	19.31.29.2310S.2310W	1,062.8	675.7	127.1	--	--	--	--	197.8
FFG-679 (CEM Oil Co. Federal #1)	19.31.29.0660N.1980E	1,060.7	664.5	125.9	143.6	150.3	169.5	176.8	199.6

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-680 (Southern Federal No. 6)	19.31.30.1980N.0330W	1,043.6	663.5	86.3	--	--	--	--	162.5
FFG-681 (Southern Federal No. 7)	19.31.30.0990S.0330W	1,041.2	647.7	93.9	--	--	--	--	168.6
FFG-682 (#2-Y Southern Union)	19.31.30.1980N.0667E	1,059.2	--	92.4	--	--	--	--	168.6
FFG-683 (Brook & Adams Federal No. 1)	19.31.31.0330N.0330W	1,032.7	670.3	140.5	--	--	--	--	--
FFG-684 (Machris State #1)	19.31.32.0330N.0660E	1,061.9	702.9	152.7	--	--	--	--	231.3
FFG-685 (#1 Eddy Federal)	22.29.06.0660S.0660E	1,003.5	--	85.4	--	--	85.4	92.4	177.8
FFG-689 (Cotton Draw Unit No. 49)	25.32.03.1650S.1980E	1,059.2	1,491.7	242.0	259.7	265.5	294.7	302.4	341.1
FFG-690 (Cotton Draw Unit No. 52)	25.32.09.1650S.0330E	1,052.2	1,473.1	227.4	247.2	253.3	283.5	291.4	334.1
FFG-691 (Cotton Draw Unit No. 60)	25.32.10.2145N.2310E	1,052.5	1,492.0	236.2	256.3	262.1	291.7	299.6	341.1
FFG-692 (Continental Federal #1)	25.32.11.0660S.1980E	1,057.7	1,486.8	251.5	271.3	277.4	307.8	316.1	--
FFG-693 (Ora Hall Federal 14 #1)	25.32.14.2310N.0330W	1,050.6	1,476.8	232.9	253.6	259.7	290.2	296.9	338.0
FFG-694 (G.E. Jordan Federal No. 4)	25.32.15.0660S.1980W	1,042.4	1,437.1	232.3	253.0	259.1	292.0	299.3	362.1
FFG-695 (G.L. Jordan #3)	25.32.15.0660N.1980W	1,048.5	1,476.1	234.4	253.6	259.7	292.0	299.3	345.9
FFG-696 (Cotton Draw Unit No. 75)	25.32.15.0455N.1980W	1,050.6	1,448.4	234.7	253.6	260.0	292.3	299.0	347.5

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-697 (State Z 16 #1)	25.32.16.1980N.1980E	1,045.8	1,460.9	227.7	246.6	252.1	285.6	291.7	345.9
FFG-698 (Cotton Draw Unit #64)	25.32.18.0660N.1650W	1,039.7	4,942.3	178.3	198.1	204.2	237.7	244.4	304.8
FFG-699 (Cotton Draw Unit #42)	25.32.20.1650S.0330E	1,029.6	1,439.6	218.5	236.8	242.9	274.0	280.1	338.6
FFG-700 (Perry Federal #43)	25.32.20.0330S.0330E	1,027.1	1,451.8	225.7	244.6	250.1	277.8	282.7	344.9
FFG-701 (Cotton Draw Unit #57)	25.32.21.0990S.0990E	1,032.1	1,436.2	221.5	243.5	250.2	282.5	291.3	345.6
FFG-702 (Cotton Draw Unit No. 48)	25.32.22.2310S.0330W	1,036.6	1,450.8	224.9	243.8	249.9	281.0	289.6	342.9
FFG-703 (Federal "P" #1)	25.32.23.0660N.1980E	1,047.0	1,489.6	229.8	248.1	255.4	285.3	293.2	330.1
FFG-704 (Cotton Draw Unit No. 61)	25.32.27.0330N.0330W	1,032.7	1,429.8	226.5	247.2	253.3	287.1	295.4	346.3
FFG-705 (J.D. Sena Jr.)	25.32.28.2310S.0990W	1,023.8	1,433.8	288.3	308.2	314.2	344.1	352.0	413.0
FFG-706 (J.D. Sena U.S.A. No. 1)	25.32.28.2310S.1650W	1,025.7	1,450.2	270.7	289.6	295.0	323.4	331.3	388.6
FFG-707 (Cotton Draw Unit No. 58)	25.32.29.1980N.0330E	1,019.3	1,439.3	278.3	299.0	305.1	332.5	342.3	402.6
FFG-708 (Cotton Draw Unit No. 55)	25.32.29.0330N.0330E	1,026.6	1,440.5	235.0	253.3	259.4	289.9	297.8	356.9
FFG-709 (Ray Smith #1)	25.32.31.1980N.0660W	1,008.6	1,406.3	327.1	344.1	349.9	375.8	382.8	--
FFG-710 (Conoco State No. 1)	25.32.32.1980N.1980W	1,007.4	1,409.4	324.9	342.0	348.1	375.8	382.2	428.2

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-711 (Hall-Federal "33" #1)	25.32.33.0660S.0660W	1,012.9	1,421.3	318.5	337.7	344.7	378.3	386.8	442.3
FFG-712 (Jennings #1)	25.32.33.1980S.0560E	1,018.0	1,410.0	282.4	299.2	307.1	339.7	348.5	--
FFG-713 (Jennings #3)	25.32.33.0660S.1980E	1,011.3	1,399.6	338.8	355.5	363.2	390.6	397.6	--
FFG-714 (Federal Sunshine Royalty #1)	25.32.34.0660N.0660W	1,024.1	1,475.2	233.8	253.9	262.2	292.6	299.0	--
FFG-715 (Sunshine Royalties #1)	25.32.34.0660N.0660E	1,025.3	1,446.9	225.6	242.3	250.5	283.5	290.2	--
FFG-716 (Federal-Muse #1)	25.33.01.0660N.0660W	1,060.6	1,624.0	362.7	379.8	384.0	455.7	463.3	507.5
FFG-717 (Bass Federal #1)	25.33.05.0660N.0660E	1,056.1	1,582.2	333.6	352.8	358.0	383.9	390.9	434.2
FFG-718 (Annie Bass Federal #1)	25.33.08.1980S.0660E	1,044.9	1,588.3	321.4	338.2	344.0	380.2	388.8	432.1
FFG-719 (Muse Federal #1)	25.33.11.0660N.0660W	1,040.4	1,614.2	343.7	361.0	366.2	414.4	421.7	469.2
FFG-720 (Federal "BK" #1)	25.33.13.0980S.0660E	1,019.9	1,646.5	320.3	340.8	348.4	394.1	405.4	449.3
FFG-721 (Ochoa Federal No. 1)	25.33.15.1980N.1980E	1,026.9	4,973.1	328.9	347.8	353.3	380.7	387.4	432.5
FFG-722 (#1 Bass Federal)	25.33.18.0660N.0660W	1,063.4	1,546.9	297.8	345.0	350.5	348.1	357.2	396.8
FFG-723 (Federal #1-19)	25.33.19.1980S.0660W	1,054.3	1,531.0	246.1	262.6	269.0	291.5	299.2	341.8
FFG-724 (Federal Bass #1)	25.33.20.0660N.1980E	1,044.2	1,549.3	305.3	325.1	330.6	357.7	366.2	410.4
FFG-725 (Federal Marshall No. 1)	25.33.21.0660N.0660E	1,029.6	1,549.3	317.3	334.7	339.9	376.7	383.1	419.1
FFG-726 (Muse-Federal 23 #1)	25.33.23.0660S.0660W	1,018.6	1,573.4	319.7	335.9	341.1	370.0	377.6	429.5

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-727 (Perry Federal #1)	25.33.24.0660S.0660W	1,020.8	1,598.4	317.9	340.8	345.9	381.6	390.1	445.3
FFG-728 (Federal No. 1-25)	25.33.25.0660S.0660E	1,012.2	1,627.6	315.8	334.4	338.9	365.5	374.0	421.8
FFG-729 (Harry Dickson #1)	25.33.27.0660S.0660E	1,014.4	1,568.8	307.8	325.5	330.7	365.5	373.4	418.5
FFG-730 (Annie R. Bass Federal #1)	25.33.28.0660S.0660E	1,018.9	1,546.9	294.1	313.3	317.6	345.3	353.6	396.2
FFG-731 (Conley Federal #1)	25.33.28.0660N.0660E	1,022.3	1,536.8	301.6	319.3	324.5	351.9	359.5	404.6
FFG-732 (W.H. Jennings Inc. U.S.A. No. 1)	25.33.29.1980N.0660W	1,040.3	1,536.5	300.8	319.7	327.1	353.9	362.1	--
FFG-733 (Richardson & Bass USA #1)	25.33.31.0660S.0660W	1,028.4	1,534.7	221.9	240.8	247.2	278.6	286.5	330.1
FFG-734 (Continental State No. 1)	25.33.32.1980S.0660E	1,029.0	1,531.9	270.4	287.1	292.0	321.6	329.8	374.9
FFG-735 (State #1-36)	25.33.36.0660N.0660W	1,016.5	1,615.1	312.4	331.9	337.4	377.6	386.2	432.5
FFG-736 (Southeast Bell Unit #1)	25.34.02.0660S.1980W	1,025.6	1,667.0	266.9	286.5	293.2	349.2	357.8	410.2
FFG-737 (Bass Federal #1)	25.34.05.0660N.0660W	1,040.5	1,644.7	337.9	357.7	361.7	420.2	428.7	481.2
FFG-738 (Federal-Muse #1)	25.34.08.0660S.0660E	1,018.3	1,661.5	304.5	321.3	325.8	356.3	363.9	408.1
FFG-739 (Mildred Smith #1)	25.34.10.0660S.0660W	1,015.1	1,672.4	261.2	280.7	285.3	320.3	331.3	386.5
FFG-740 (Mildred Smith #1)	25.34.14.0990S.1980E	1,015.6	6,363.3	260.9	278.9	285.0	353.0	362.4	406.6
FFG-741 (No. 1-19 Federal)	25.34.19.0660S.1980E	1,014.7	1,639.8	293.5	311.8	317.0	356.0	363.6	412.4

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-742 (Ethel Nolen Federal #1)	25.34.21.1980S.1980W	1,023.8	1,707.8	249.3	270.1	275.2	323.1	333.1	377.3
FFG-743 (Conoco Federal #1)	25.34.27.1980N.0660E	1,013.2	1,693.8	256.0	272.8	278.0	327.1	338.0	382.5
FFG-744 (Continental Federal No. 1)	25.34.31.0660N.0660E	1,012.5	1,645.3	272.8	289.6	294.7	335.3	341.7	382.5
FFG-745 (Olson Federal No. 1)	25.34.35.1980S.1980E	1,006.4	4,874.7	276.1	297.5	300.5	348.7	356.0	408.1
FFG-746 (New Mexico State #1)	25.34.36.0660N.1980W	1,007.5	1,765.4	287.7	308.4	314.5	362.0	370.3	425.7
FFG-747 (8105 JV-P Mesa #1)	26.32.01.1980S.0660E	1,016.2	4,901.8	234.1	253.0	259.1	290.2	297.2	--
FFG-748 (Richardson-Federal #1)	26.32.01.0660S.0660W	999.7	1,493.5	207.9	224.6	231.6	259.7	267.9	315.5
FFG-749 (Sun Federal "4" #1)	26.32.04.1980N.2310W	1,000.7	1,416.7	362.1	380.4	386.5	412.7	419.1	474.0
FFG-750 (Sun Federal No. 1)	26.32.05.0330S.2310E	996.4	1,432.9	298.7	315.8	323.7	351.1	359.7	--
FFG-751 (Conoco Bradley #1)	26.32.05.0660N.1980W	997.0	1,394.5	419.7	436.8	441.7	466.6	475.2	510.2
FFG-753 (N.C. Higgins Federal #2)	26.32.07.0990N.0660E	991.5	1,319.8	329.1	354.1	359.5	389.4	397.3	--
FFG-754 (Continental Federal #1)	26.32.07.0660S.1980W	983.6	1,356.4	272.2	292.3	299.0	327.4	335.9	382.8
FFG-755 (#1 N.C. Higgins Federal)	26.32.08.1980S.0660W	980.8	1,377.7	342.6	357.2	364.8	375.5	383.1	552.3

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-756 (Ben Federal #1)	26.32.15.1980S.0660E	965.3	1,417.9	176.8	195.1	201.2	222.8	230.7	294.7
FFG-757 (Ohio State No. 1)	26.32.16.1980S.1980W	966.8	1,399.3	173.7	192.6	197.2	226.2	234.7	292.6
FFG-759 (Thompson Federal 18 No. 5)	26.32.18.1980N.0660E	975.4	1,405.1	--	--	--	--	--	384.7
FFG-760 (#4-18 Thompson Federal)	26.32.18.1650S.1980W	983.0	1,347.8	386.0	402.5	408.0	433.9	443.0	480.2
FFG-761 (Federal Payne No. 1)	26.32.21.0660S.0660E	953.4	1,379.5	178.9	--	--	--	--	282.2
FFG-762 (Federal-Littlefield DR #1)	26.32.24.0330S.1650E	956.5	1,405.7	192.5	214.1	219.9	252.8	261.4	317.8
FFG-763 (Wilder #23)	26.32.25.0990N.0990W	951.6	1,428.9	174.0	192.3	198.7	239.3	246.9	297.5
FFG-764 (Wilder 25-2)	26.32.25.0660S.1980W	945.8	1,419.5	167.0	185.6	191.7	222.2	229.5	--
FFG-765 (Wilder #25)	26.32.26.1980N.1980E	946.4	1,798.6	164.1	182.7	191.9	226.6	232.7	290.6
FFG-766 (Russell Federal 30 #1)	26.32.30.0660S.1980E	950.7	1,341.1	252.1	270.7	277.4	306.6	315.8	363.3
FFG-767 (Russell #1)	26.32.31.0760N.2002W	959.2	1,306.4	277.1	294.4	299.9	329.5	337.7	377.6
FFG-768 (E. Payne 35 Federal #1)	26.32.35.0490S.0330E	941.5	1,407.6	153.6	172.2	178.6	216.1	223.7	278.0
FFG-769 (Bradley 35 #2)	26.32.35.0660N.0660W	943.4	1,378.3	143.6	162.8	168.9	208.8	214.6	271.0
FFG-770 (Continental Federal #1)	26.33.01.0660N.0660E	1,011.6	1,622.5	282.3	297.0	301.8	331.7	340.6	386.6
FFG-771 (Texaco State "2" #1)	26.33.02.0660N.1980W	1,011.6	1,572.5	292.3	310.6	316.7	356.9	365.5	411.2

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-772 (G. W. Miller Federal NCT-1 No. 1)	26.33.04.0660S.0660E	1,014.7	1,603.6	274.6	294.1	299.3	332.5	341.1	386.5
FFG-773 (Jones Federal #1)	26.33.06.1750S.1750E	1,007.7	1,526.7	234.6	253.2	259.3	290.1	298.6	343.7
FFG-774 (Miller-Federal #1)	26.33.08.0660S.0660E	1,003.4	1,513.9	237.3	257.1	263.5	302.2	309.8	354.0
FFG-775 (Goedeke Federal No. 1)	26.33.10.1980S.1980W	1,016.5	1,615.7	280.1	300.2	306.6	338.6	345.6	399.0
FFG-776 (Malcom R. Madera No. B-1)	26.33.10.2310N.2310W	1,015.0	1,561.8	276.5	295.4	301.4	338.9	348.1	393.5
FFG-777 (Bradley 13 #1)	26.33.13.0660S.0660E	1,022.6	1,639.8	239.9	258.2	263.7	294.1	303.9	345.9
FFG-778 (Conoco Federal #2)	26.33.15.0660N.1710E	1,009.5	1,616.7	280.8	299.7	306.1	336.9	345.7	389.3
FFG-779 (Federal No. 1)	26.33.15.0660N.1980W	1,002.8	1,610.6	272.5	291.4	298.4	328.9	338.0	383.7
FFG-780 (Federal Little-field DP Optional #1)	26.33.17.0660S.0660W	991.8	1,519.7	222.4	243.1	248.9	280.3	288.2	331.8
FFG-781 (Federal Little-field "DO" #1)	26.33.19.0660S.0660W	958.9	1,460.0	206.3	227.7	233.2	267.3	277.4	334.1
FFG-782 (Continental Federal #1)	26.33.21.1980S.0660W	990.3	1,516.7	234.1	253.9	261.5	290.8	299.6	344.7
FFG-783 (Madera Federal #1)	26.33.22.0660N.0660W	1,002.8	1,613.9	266.7	286.2	292.0	323.1	330.7	373.7
FFG-784 (Humble Madera #1)	26.33.23.0660S.1980W	1,005.5	1,621.8	256.3	274.6	279.5	321.0	326.4	363.0

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-785 (Elliott Federal #1)	26.33.25.0660N.1980W	1,019.3	1,621.5	244.1	266.7	274.3	304.8	313.3	356.6
FFG-786 (Federal Hall #1)	26.33.26.0660S.1980E	1,014.7	1,605.4	253.6	271.9	278.0	310.6	320.0	358.4
FFG-787 (Dixon 27 #1)	26.33.27.1980S.0660W	995.2	1,552.3	242.9	261.5	268.2	301.1	309.1	350.8
FFG-788 (Gulf Federal Littlefield #1)	26.33.29.1880N.0660E	976.3	1,521.3	219.8	239.9	245.4	277.7	285.9	325.2
FFG-789 (Payne #3)	26.33.30.1980S.0660W	950.4	1,439.9	197.8	218.2	224.0	263.0	270.1	322.8
FFG-790 (Payne #7)	26.33.31.0660N.0660W	943.1	1,445.1	185.6	204.5	210.0	246.6	255.7	312.7
FFG-791 (Lea State "JV" #1)	26.34.02.0330S.0330E	1,005.2	1,678.2	292.5	316.8	322.0	366.8	376.3	422.0
FFG-792 (Gulf Yates Federal #1)	26.34.03.0660N.1980W	1,008.3	1,674.3	257.6	276.1	279.5	317.0	326.4	373.4
FFG-793 (Yates Federal #1-4)	26.34.04.0660S.0660W	1,016.5	1,700.8	235.9	254.2	259.4	324.0	333.1	353.3
FFG-794 (Federal K #1)	26.34.06.1980S.0660W	1,014.4	1,644.4	240.8	256.3	262.1	290.5	298.7	344.4
FFG-795 (Yates Federal No. 1)	26.34.09.0660S.0660E	1,011.3	1,673.4	232.0	251.2	254.8	293.8	302.1	346.3
FFG-796 (Continental-Federal #1)	26.34.18.0660N.0660E	1,027.2	1,659.9	213.4	231.6	237.7	271.0	279.2	322.5
FFG-797 (Pogo No. 1 Federal 18)	26.34.18.1980S.1996W	1,027.8	1,642.9	228.6	246.3	252.4	284.1	293.5	334.7
FFG-798 (Bradley 19 #1)	26.34.19.0660N.0660W	1,027.8	1,638.0	231.0	250.2	256.6	289.5	298.1	337.7
FFG-799 (Leonard Federal No. 1)	26.34.20.0660N.0660E	1,015.3	2,103.4	194.2	213.4	217.9	256.0	262.7	306.3

Table 2.--Stratigraphic information from geophysical logs--Continued

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-800 (Federal "CH" #1)	26.34.22.0660N.1980E	987.7	1,684.0	239.3	257.3	261.2	294.4	301.8	349.9
FFG-801 (Kirklin Drilling Hondo Federal #1)	26.34.26.0660N.0660E	979.0	1,671.8	289.4	307.1	311.7	354.3	363.5	408.3
FFG-802 (Elliott-Federal #1)	26.34.33.0660S.0660E	1,001.3	1,694.7	249.3	267.0	271.0	309.7	318.8	366.1
FFG-803 (#1 Sinclair Federal "A")	26.35.01.1650S.0660W	929.0	1,582.2	204.8	224.9	228.6	266.7	276.8	322.5
FFG-804 (Talco Unit #2)	26.35.02.0660S.1980W	953.4	4,343.7	241.2	261.7	265.0	301.6	311.4	356.5
FFG-805 (Perro Grande Unit #1)	26.35.06.1980S.1980E	999.6	5,033.2	310.6	335.0	338.9	382.2	390.8	445.6
FFG-806 (Sinclair et al "A" #1)	26.35.10.0330N.0660W	963.2	1,658.7	314.2	331.9	335.6	366.1	374.0	417.3
FFG-807 (Sinclair Federal "B" #1)	26.35.10.0300N.0300E	944.3	1,608.4	260.0	280.1	285.6	317.9	326.7	371.9
FFG-808 (De Mooy Federal No. 1)	26.35.11.0660S.0660W	935.7	1,672.1	266.1	--	--	--	--	378.0
FFG-809 (Sinclair et al Federal "B" #1)	26.35.11.0330N.0330E	929.0	1,618.2	210.0	230.7	235.0	271.0	280.4	325.8
FFG-810 (Talco Unit #1)	26.35.11.1980N.0660E	928.7	5,942.1	222.8	242.9	246.9	287.1	293.5	339.2
FFG-811 (Federal #1)	26.35.13.0660N.0660E	909.9	3,817.3	377.2	391.8	396.4	432.0	441.2	488.4
FFG-812 (New Mexico Federal "P" #1)	26.35.21.1980N.1980W	961.0	6,984.2	302.4	334.1	337.1	409.7	423.4	475.2
FFG-813 (Byers Federal No. 1)	26.35.22.1980S.1980W	939.7	1,676.4	287.4	312.4	317.0	375.8	386.2	443.5

Table 2.--Stratigraphic information from geophysical logs--Concluded

Well identifier (name)	Location	Land-surface altitude	Total well depth	Depth to top					
				Rustler Formation	Magenta Dolomite Member	Tamarisk Member	Culebra Dolomite Member	Unnamed member	Salado Formation salt
FFG-814 (Sinclair et al "C" #1)	26.35.25.1980N.1980W	905.3	1,617.3	206.5	225.4	229.4	265.0	274.2	316.8
FFG-815 (Federal Boothe "BD" #1)	26.35.27.0660N.0660E	932.0	1,612.4	275.7	301.6	304.6	350.4	359.5	415.0
FFG-817 (Federal Boothe "BD" #1)	26.32.03.0660N.0660W	1,009.8	1,431.0	327.7	351.4	359.7	399.3	406.9	--