GW - 52

MONITORING REPORTS

DATE: 2000

Annual Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Roswell Compressor Station
Chaves County, New Mexico

Submitted to:
New Mexico Oil Conservation Division

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1. Additional Assessment Activities

1.1 Installation of Additional Monitor Wells

Three additional monitor wells were installed on November 14-18, 2000. The locations of the new wells are indicated in Figure 1 as wells MW-28, MW-29, and MW-30. A copy of the soil boring logs and State well completion reports are included in Attachment #1. A summary of well completion details is presented in Table 5. These wells were installed in order to delineate the lateral extent of affected groundwater within the uppermost aquifer.

One soil sample was collected from each boring at a depth just above the anticipated depth to groundwater. Soil samples were submitted to a laboratory for analysis for VOCs, SVOCs, TPH, and selected metals. Laboratory results indicate that the soil samples were unaffected by hydrocarbons. A summary of laboratory results for the soil samples is presented in Table 7. A copy of the laboratory report is included in an attachment to this report.

Groundwater samples were collected from the new wells subsequent to installation. Laboratory analytical results indicate affected groundwater at one of the three well locations. The results for groundwater sampling activities are discussed further in the next section of this report.

2. Groundwater Monitoring Activities

2.1 Semiannual Groundwater Sampling Events

Three sampling events have been completed since the last report of groundwater remediation activities. These events were completed on September 8, 1999, March 29, 2000, and November 18, 2000.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase separated hydrocarbon (PSH) was present, was determined for each monitor well and recovery well. The measured depths and the corresponding water table elevation for each monitor well and recovery well are presented in Table 1.

In the course of each sample event, groundwater samples were collected from monitor wells in accordance with the sample analysis plan presented in the last annual report. As a matter of standard operating procedure, samples were not collected from monitor wells with PSH accumulated in the well casing. Groundwater samples were delivered to a laboratory for analysis in accordance with the sample analysis plan. A summary of field measured groundwater quality parameters obtained in the course of sampling is presented in Table 2. An updated summary of analytical results for organic compounds is presented in Table 3. An updated summary of analytical results for inorganic constituents is presented in Table 4.

Copies of the laboratory reports for the three semiannual groundwater sampling events are included in an attachment to this report.

2.2 Results/Conclusions from Groundwater Sampling Events

2.2.1 Occurrence and Direction of Groundwater Flow

A water table elevation map based on measurements obtained on November 19, 2000 is included as Figure 2. The information presented in Figure 2 appears to define a complex groundwater system with some areas of low flow and other areas of preferential flow. However, the apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site and is also consistent with the distribution of contaminants in the uppermost aquifer.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in wells MW-1B, MW-2, MW-16, and MW-27, and the absence of PSH in all other wells. The thickness of accumulated PSH in wells is presented in Table 1.

2.2.3 Condition of Affected Groundwater

The primary constituent of concern is benzene. Additional constituents of concern are 111-trichloroethane, 11-dichloroethane, and 11-dichloroethene. A diagram indicating the distribution of these constituents in groundwater is included as Figure 3. Only two organic constituents, benzene and 11-dichloroethene, have been measured at concentrations above NMWQCC standards. A sufficient history of constituent concentrations has yet to be developed in order to evaluate natural attenuation processes.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through January 2001

The following remediation activities were completed between June 1999 and January 2001:

1) Three additional monitor wells were installed in November 2000. There are currently a total of 30 wells at the site: 6 on-site monitor wells; 3 on-site recovery wells; 18 off-site monitor wells; and 3 off-site deep monitor wells.

2) The recovery system was operated almost continuously during the reporting period until the system was shutdown on September 8, 2000. The system was shut down due to problems with the skimmer pumps used to recover PSH. New pumps were purchased to replace the old pumps, however, installation was put on hold after discovering that only one of the three recovery wells would accumulate any significant amount of PSH.

3) Three semiannual groundwater sampling events have been completed.

3.2 Current Status of Remediation Activities

The recovery system is currently shut down pending installation of a full scale remediation system.

3.3 Remediation Activities Planned for 2001

At least three additional monitor wells will be installed in order to delineate the lateral extent of affected groundwater within the uppermost aquifer. A full scale remediation system is anticipated to be in operation by year-end 2001. In addition, the groundwater sampling program will be continued.

4. Proposed Modifications

4.1 Proposed Modifications to the Routine Groundwater Sampling Plan

Sampling locations, frequency, and the sample analysis plan will continue as outlined in Table 6.

4.2 Proposed Modifications to the Remediation System

4.2.1 Physical Modifications to the System

There are no proposed physical modifications to the recovery system at this time.

4.2.2 Operational Modifications to the System

There are no proposed operational modifications to the recovery system at this time.

4.3 Proposed Reporting Frequency

Annual reporting will continue with the next scheduled report submitted to the NMOCD by February 28, 2002.

5. Progress Toward Project Completion

Active operation of the recovery system has been discontinued pending installation of a full scale remediation system. This is anticipated to be accomplished within the next twelve months.

Annual Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Roswell Compressor Station

Figures

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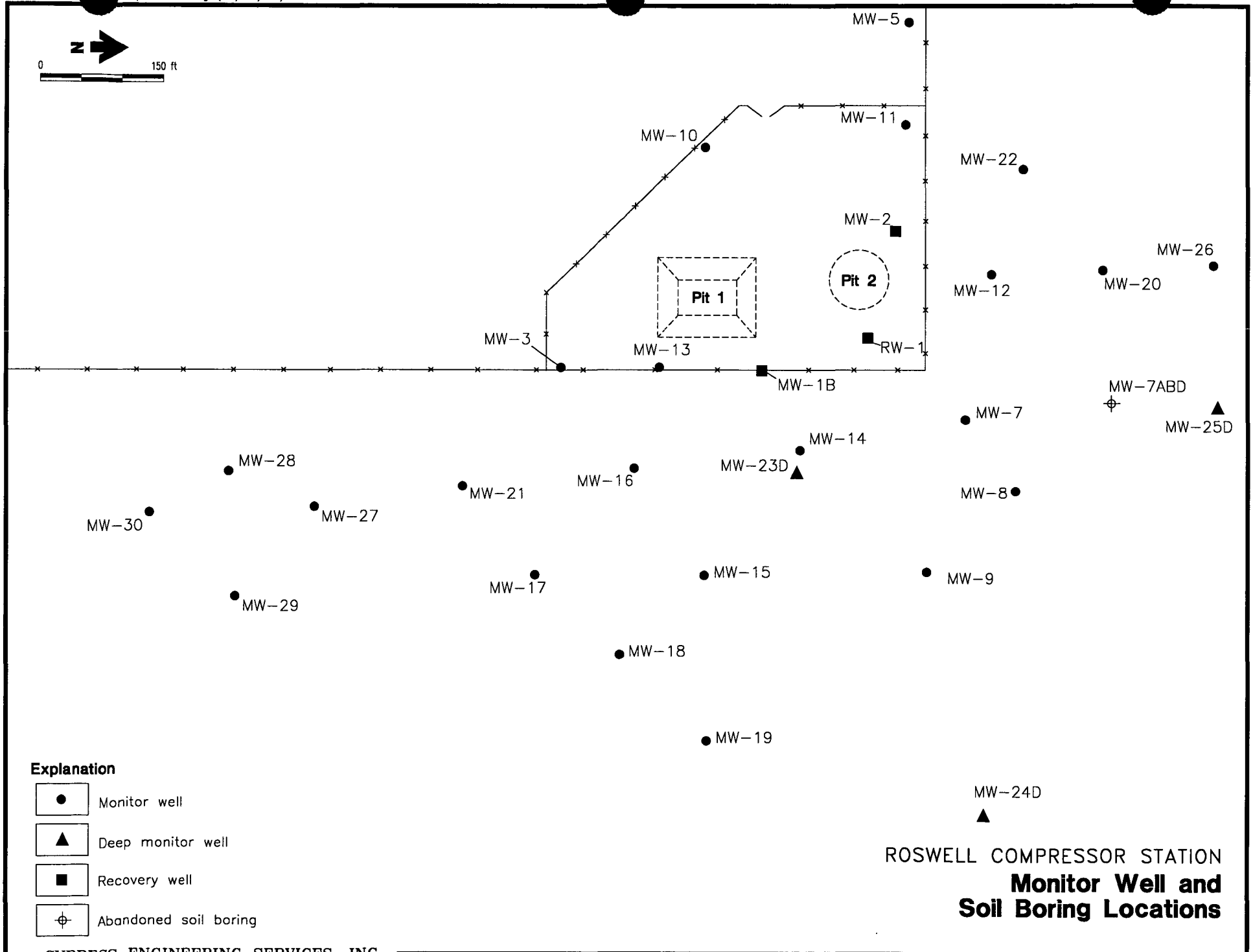
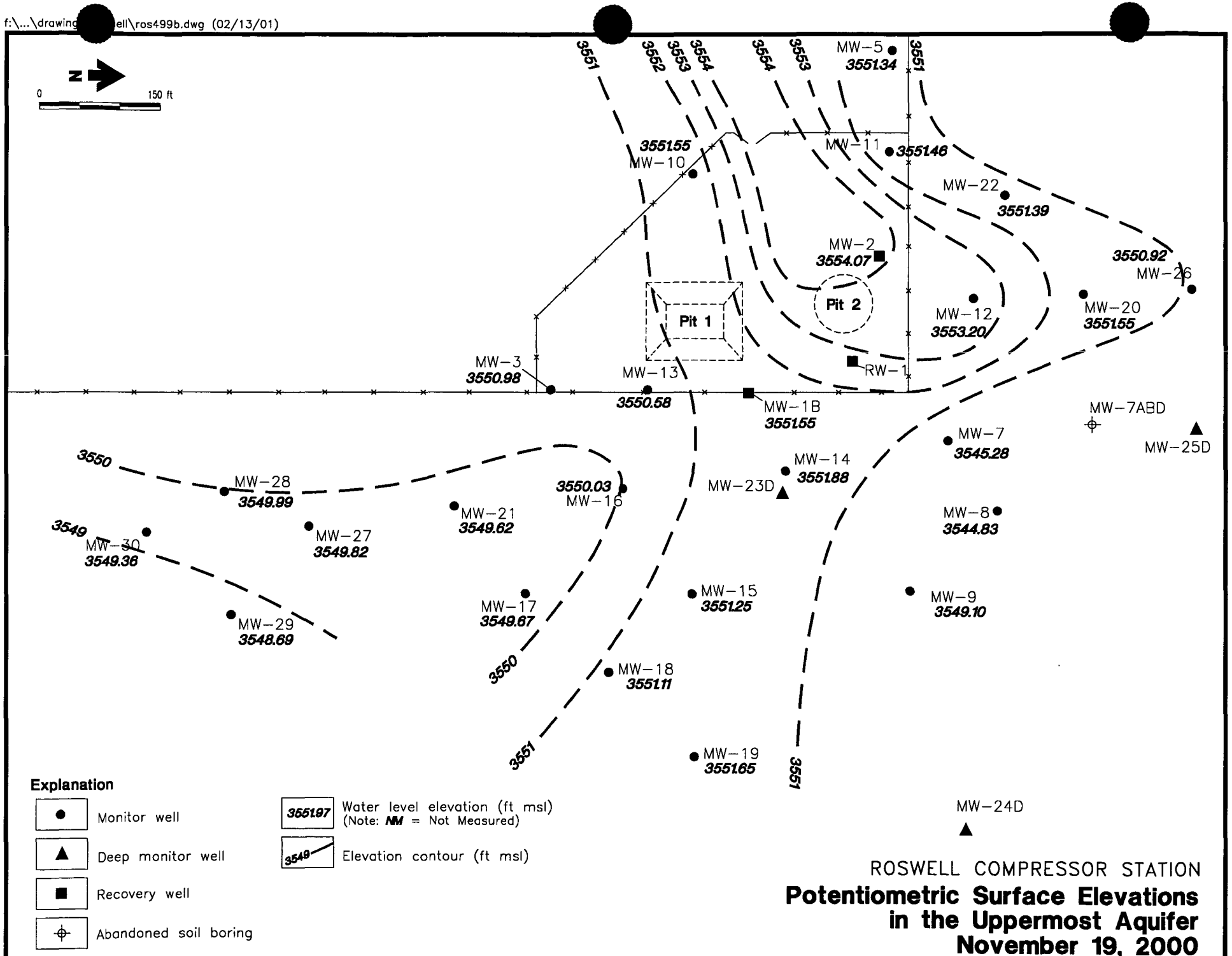


ROSWELL COMPRESSOR STATION

Monitor Well and Soil Boring Locations

CYPRESS ENGINEERING SERVICES, INC.

Figure 1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150 ft
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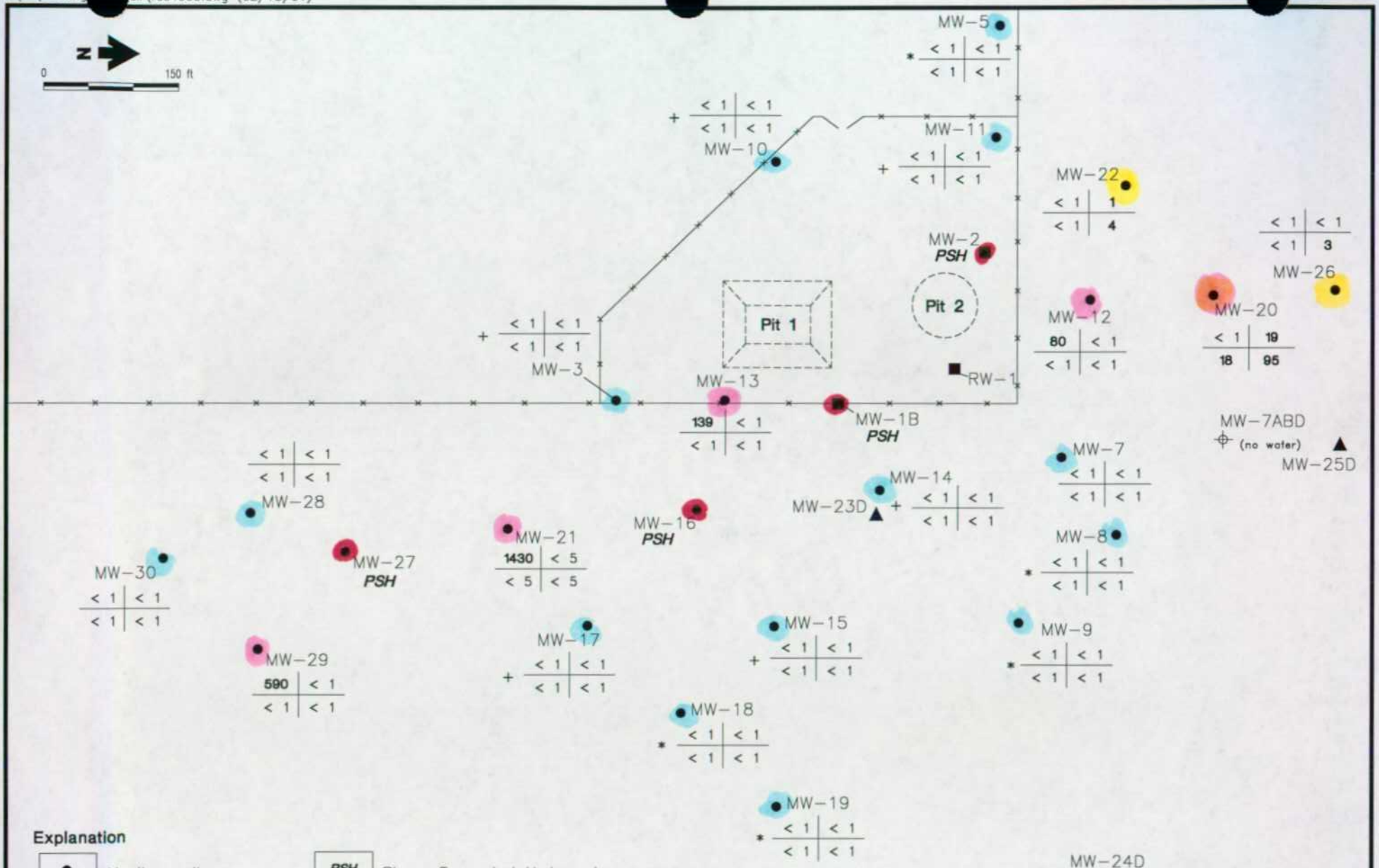
3552
3553
3554
3554
3553
3551
MW-5
355134
355155
MW-10
MW-11
355146
MW-22
355139
MW-2
3554.07
3550.92
MW-26
Pit 1
Pit 2
MW-12
3553.20
MW-20
355155
MW-3
3550.98
MW-13
3550.58
RW-1
MW-1B
355155
MW-7ABD
MW-25D
MW-7
3545.28
3550
MW-28
3549.99
MW-14
355188
3550.03
MW-16
MW-23D
MW-21
3549.62
MW-8
3544.83
3549
MW-30
3549.36
MW-27
3549.82
MW-17
3549.67
MW-15
355125
MW-9
3549.10
MW-29
3548.69
3550
MW-18
355111
3551
MW-19
355165
3551
MW-24D
Explanation
Monitor well
Deep monitor well
Recovery well
Abandoned soil boring
355197
Water level elevation (ft msl)
(Note: NM = Not Measured)
3549
Elevation contour (ft msl)
ROSWELL COMPRESSOR STATION
Potentiometric Surface Elevations
in the Uppermost Aquifer
November 19, 2000
CYPRESS ENGINEERING SERVICES, INC.

Figure 2



Explanation

- Monitor well
- Deep monitor well
- Recovery well
- Abandoned soil boring

PSH — Phase Separated Hydrocarbon

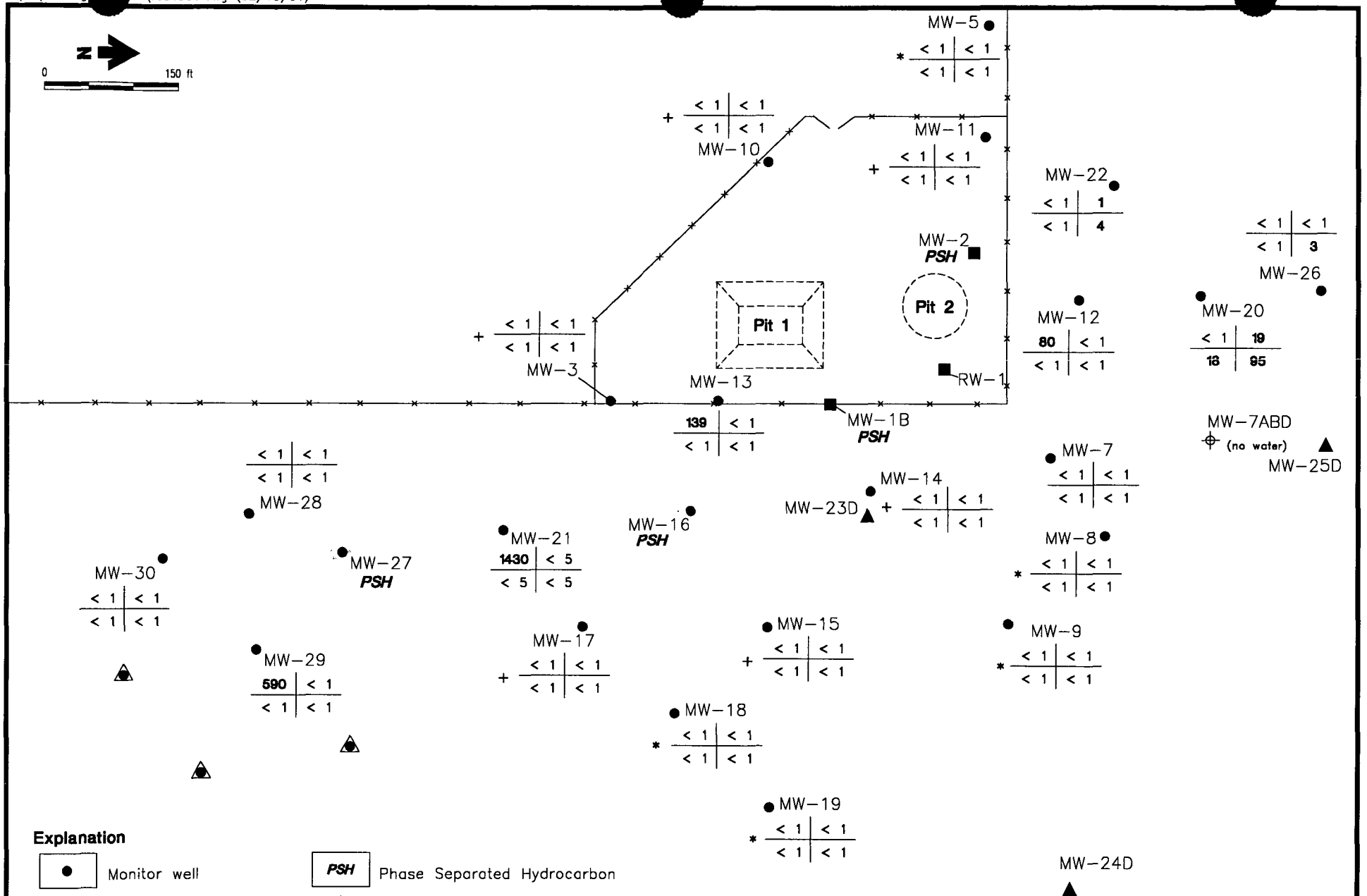
Benzene | 111-TCA
11-DCA | 11-DCE — Concentration in Ground Water (ppb)
(* indicates results from March '99 sample event)
(+ indicates results from March '00 sample event)

ROSWELL COMPRESSOR STATION

Distribution of Dissolved Phase Organics in the Uppermost Aquifer November, 2000

CYPRESS ENGINEERING SERVICES, INC.

Figure 3



Explanation

- Monitor well
- Deep monitor well
- Recovery well
- Abandoned soil boring
- PSH — Phase Separated Hydrocarbon
- Benzene | 1,1,1-TCA / 1,1-DCA | 1,1-DCE — Concentration in Ground Water (ppb)
  (* indicates results from March '99 sample event)
  (+ indicates results from March '00 sample event)
- Proposed monitor well location

ROSWELL COMPRESSOR STATION

Locations of Proposed Monitor Wells in the Uppermost Aquifer

CYPRESS ENGINEERING SERVICES, INC.

Figure 4

Annual Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Roswell Compressor Station

Tables

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1 B	09/27/96	3609.96	-	61.60	2.33	3550.13
	10/31/97		58.37	59.76	1.39	3551.26
	01/26/98		58.20	60.80	2.60	3551.14
	05/25/98		58.28	60.38	2.10	3551.18
	08/10/98		58.64	59.05	0.41	3551.22
	10/11/98		58.20	61.20	3.00	3551.04
	03/21/99		60.45	60.46	0.01	3549.51
	09/07/99		(a)	60.15	(a)	3549.81
	11/19/00		57.87	60.13	2.26	3551.55
MW-2	09/27/96	3611.76	-	62.00	2.33	3551.53
	10/31/97		58.36	59.60	1.24	3553.10
	01/26/98		58.20	59.85	1.65	3553.16
	05/25/98		58.42	58.79	0.37	3553.25
	08/10/98		58.25	58.55	0.30	3553.44
	10/11/98		58.20	59.70	1.50	3553.20
	03/21/99		58.35	58.37	0.02	3553.41
	09/07/99		61.25	61.27	0.02	3550.51
	11/19/00		57.67	57.74	0.07	3554.07
MW-3	09/27/96	3614.87	(a)	64.79	(a)	3550.08
	07/23/97		(a)	64.19	(a)	3550.68
	08/19/97		(a)	64.36	(a)	3550.51
	10/30/97		(a)	64.22	(a)	3550.65
	01/26/98		(a)	64.34	(a)	3550.53
	05/25/98		(a)	64.20	(a)	3550.67
	08/10/98		(a)	64.06	(a)	3550.81
	10/11/98		(a)	64.23	(a)	3550.64
	12/21/98		(a)	64.25	(a)	3550.62
	03/23/99		(a)	64.24	(a)	3550.63
	09/07/99		(a)	63.99	(a)	3550.88
	03/27/00		(a)	63.85	(a)	3551.02
	11/19/00		(a)	63.85	(a)	3551.02
MW-5	09/27/96	3612.77	(a)	62.32	(a)	3550.45
	07/23/97		(a)	61.95	(a)	3550.82
	08/19/97		(a)	62.05	(a)	3550.72
	10/30/97		(a)	61.98	(a)	3550.79
	01/26/98		(a)	61.90' Top of Pump	(a)	NA
	05/25/98		(a)	61.97	(a)	3550.80
	08/10/98		(a)	61.81	(a)	3550.96
	10/11/98		(a)	61.85	(a)	3550.92
	12/21/98		(a)	61.89	(a)	3550.88
	03/23/99		(a)	61.80	(a)	3550.97
	09/07/99		(a)	61.59	(a)	3551.18
	03/27/00		(a)	61.45	(a)	3551.32
	11/19/00		(a)	61.43	(a)	3551.34

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-6	09/27/96	3618.62	(a)	61.85	(a)	3556.77
	07/23/97		(a)	61.81	(a)	3556.81
	08/19/97		(a)	61.73	(a)	3556.89
	10/30/97		(a)	61.62	(a)	3557.00
	01/26/98		(a)	61.64	(a)	3556.98
	05/25/98		(a)	61.63	(a)	3556.99
	08/10/98		(a)	61.70	(a)	3556.92
	10/11/98		(a)	61.72	(a)	3556.90
	12/21/98		(a)	61.74	(a)	3556.88
	03/23/99		(a)	61.78	(a)	3556.84
	09/07/99		(a)	61.65	(a)	3556.97
	03/27/00		(a)	61.13	(a)	3557.49
	11/19/00		(a)	61.11	(a)	3557.51
MW-7	09/27/96	3599.20	(a)	54.74	(a)	3544.46
	07/23/97		(a)	52.89	(a)	3546.31
	08/19/97		(a)	53.57	(a)	3545.63
	10/30/97		(a)	53.00	(a)	3546.20
	01/26/98		(a)	51.45	(a)	3547.75
	05/25/98		(a)	51.76	(a)	3547.44
	08/10/98		(a)	54.11	(a)	3545.09
	10/11/98		(a)	54.35	(a)	3544.85
	12/21/98		(a)	52.69	(a)	3546.51
	03/23/99		(a)	51.24	(a)	3547.96
	09/07/99		(a)	52.33	(a)	3546.87
	03/27/00		(a)	50.63	(a)	3548.57
	11/19/00		(a)	53.92	(a)	3545.28
MW-8	09/27/96	3595.80	(a)	51.98	(a)	3543.82
	07/23/97		(a)	50.14	(a)	3545.66
	08/19/97		(a)	50.92	(a)	3544.88
	10/30/97		(a)	50.18	(a)	3545.62
	01/26/98		(a)	48.52	(a)	3547.28
	05/25/98		(a)	49.02	(a)	3546.78
	08/10/98		(a)	51.40	(a)	3544.40
	10/11/98		(a)	51.60	(a)	3544.20
	12/21/98		(a)	49.84	(a)	3545.96
	03/23/99		(a)	48.30	(a)	3547.50
	09/07/99		(a)	49.42	(a)	3546.38
	03/27/00		(a)	47.63	(a)	3548.17
	11/19/00		(a)	50.97	(a)	3544.83

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-9	09/27/96	3599.35	(a)	50.27	(a)	3549.08
	07/23/97		(a)	50.07	(a)	3549.28
	08/19/97		(a)	50.09	(a)	3549.26
	10/30/97		(a)	50.18	(a)	3549.17
	01/26/98		(a)	50.10	(a)	3549.25
	05/25/98		(a)	50.13	(a)	3549.22
	08/10/98		(a)	50.18	(a)	3549.17
	10/11/98		(a)	50.20	(a)	3549.15
	12/21/98		(a)	50.26	(a)	3549.09
	03/23/99		(a)	50.19	(a)	3549.16
	09/07/99		(a)	50.17	(a)	3549.18
	03/27/00		(a)	50.17	(a)	3549.18
	11/19/00		(a)	50.25	(a)	3549.10
MW-10	09/27/96	3617.85	(a)	67.21	(a)	3550.64
	07/23/97		(a)	66.83	(a)	3551.02
	08/19/97		(a)	66.93	(a)	3550.92
	10/30/97		(a)	66.83	(a)	3551.02
	01/26/98		(a)	66.58 Top of Pump	(a)	NA
	05/25/98		(a)	66.91	(a)	3550.94
	08/10/98		(a)	66.65	(a)	3551.20
	10/11/98		(a)	66.59 Top of Pump	(a)	NA
	12/21/98		(a)	66.79	(a)	3551.06
	03/23/99		(a)	66.72	(a)	3551.13
	09/07/99		(a)	66.49	(a)	3551.36
	03/27/00		(a)	66.34	(a)	3551.51
	11/19/00		(a)	66.30	(a)	3551.55
MW-11	09/27/96	3613.31	(a)	62.90	(a)	3550.41
	07/23/97		(a)	62.44	(a)	3550.87
	08/19/97		(a)	62.53	(a)	3550.78
	10/30/97		(a)	62.40	(a)	3550.91
	01/26/98		(a)	62.20 Top of Pump	(a)	NA
	05/25/98		(a)	62.22	(a)	3551.09
	08/10/98		(a)	62.18	(a)	3551.13
	10/11/98		(a)	62.21 Top of Pump	(a)	NA
	12/21/98		(a)	62.42	(a)	3550.89
	03/23/99		(a)	62.26	(a)	3551.05
	09/07/99		(a)	62.01	(a)	3551.30
	03/27/00		(a)	61.77	(a)	3551.54
	11/19/00		(a)	61.85	(a)	3551.46

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-12	09/27/96	3606.38	(a)	55.58	(a)	3550.80
	07/23/97		(a)	53.99	(a)	3552.39
	08/19/97		(a)	53.96	(a)	3552.42
	10/30/97		(a)	53.61	(a)	3552.77
	01/26/98		(a)	53.55	(a)	3552.83
	05/25/98		(a)	53.36	(a)	3553.02
	08/10/98		(a)	53.30	(a)	3553.08
	10/11/98		(a)	53.55	(a)	3552.83
	12/21/98		(a)	53.65	(a)	3552.73
	03/23/99		(a)	53.50	(a)	3552.88
	09/07/99		(a)	52.79	(a)	3553.59
	03/27/00		(a)	52.46	(a)	3553.92
	11/19/00		(a)	53.18	(a)	3553.20
MW-13	09/27/96	3612.46	(a)	62.30	(a)	3550.16
	07/23/97		(a)	61.85	(a)	3550.61
	08/19/97		(a)	61.95	(a)	3550.51
	10/30/97		(a)	61.68	(a)	3550.78
	01/26/98		(a)	61.90	(a)	3550.56
	05/25/98		(a)	61.79	(a)	3550.67
	08/10/98		(a)	61.78	(a)	3550.68
	10/11/98		(a)	61.88	(a)	3550.58
	12/21/98		(a)	61.71	(a)	3550.75
	03/23/99		(a)	61.83	(a)	3550.63
	09/07/99		(a)	61.64	(a)	3550.82
	03/27/00		(a)	61.33	(a)	3551.13
	11/19/00		(a)	61.48	(a)	3550.98
MW-14	09/27/96	3604.83	(a)	53.38	(a)	3551.45
	07/23/97		(a)	53.33	(a)	3551.50
	08/19/97		(a)	53.06	(a)	3551.77
	10/30/97		(a)	53.20	(a)	3551.63
	01/26/98		(a)	53.41	(a)	3551.42
	05/25/98		(a)	53.40	(a)	3551.43
	08/10/98		(a)	53.43	(a)	3551.40
	10/11/98		(a)	53.56	(a)	3551.27
	12/21/98		(a)	53.53	(a)	3551.30
	03/23/99		(a)	53.55	(a)	3551.28
	09/07/99		(a)	53.41	(a)	3551.42
	03/27/00		(a)	53.05	(a)	3551.78
	11/19/00		(a)	52.95	(a)	3551.88

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-15	09/27/96	3610.43	(a)	58.77	(a)	3551.66
	07/23/97		(a)	58.75	(a)	3551.68
	08/19/97		(a)	58.84	(a)	3551.59
	10/30/97		(a)	58.83	(a)	3551.60
	01/26/98		(a)	58.97	(a)	3551.46
	05/25/98		(a)	58.96	(a)	3551.47
	08/10/98		(a)	58.92	(a)	3551.51
	10/11/98		(a)	59.02	(a)	3551.41
	12/21/98		(a)	59.04	(a)	3551.39
	03/23/99		(a)	59.09	(a)	3551.34
	09/07/99		(a)	58.98	(a)	3551.45
	03/27/00		(a)	59.03	(a)	3551.40
	11/19/00		(a)	59.18	(a)	3551.25
MW-16	09/27/96	3612.41	-	67.16	4.01	3548.30
	07/23/97		-	66.46	4.87	3549.65
	08/19/97		-	66.54	4.89	3549.59
	10/31/97		61.58	66.32	4.74	3549.69
	01/26/98		61.55	66.12	4.57	3549.76
	05/25/98		61.56	66.09	4.53	3549.76
	08/10/98		61.49	66.31	4.82	3549.76
	10/11/98		61.59	66.38	4.79	3549.67
	12/21/98		61.59	66.17	4.58	3549.72
	03/23/99		61.42	65.97	4.55	3549.90
	09/07/99		61.40	66.14	4.74	3549.87
	03/27/00		61.14	65.71	4.57	3550.17
	11/19/00		61.30	65.79	4.49	3550.03
MW-17	09/27/96	3608.48	(a)	59.30	(a)	3549.18
	07/23/97		(a)	58.79	(a)	3549.69
	08/19/97		(a)	58.94	(a)	3549.54
	10/30/97		(a)	58.85	(a)	3549.63
	01/26/98		(a)	58.90	(a)	3549.58
	05/25/98		(a)	58.83	(a)	3549.65
	08/10/98		(a)	58.78	(a)	3549.70
	10/11/98		(a)	58.93	(a)	3549.55
	12/21/98		(a)	58.97	(a)	3549.51
	03/23/99		(a)	58.87	(a)	3549.61
	09/07/99		(a)	58.72	(a)	3549.76
	03/27/00		(a)	58.56	(a)	3549.92
	11/19/00	3608.43 (d)	(a)	58.76	(a)	3549.67

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-18	09/27/96	3609.73	(a)	dry	(a)	NA
	07/23/97		(a)	58.29	(a)	3551.44
	08/19/97		(a)	64.81	(a)	still recovering
	10/30/97		(a)	58.61	(a)	3551.12
	01/26/98		(a)	58.60	(a)	3551.13
	05/25/98		(a)	58.51	(a)	3551.22
	08/10/98		(a)	58.74	(a)	3550.99
	10/11/98		(a)	59.02	(a)	3550.71
	12/21/98		(a)	58.53	(a)	3551.20
	03/23/99		(a)	58.70	(a)	3551.03
	09/07/99		(a)	58.48	(a)	3551.25
	03/27/00		(a)	58.51	(a)	3551.22
	11/19/00		(a)	58.62	(a)	3551.11
MW-19	09/27/96	3608.17	(a)	57.95	(a)	3550.22
	07/23/97		(a)	56.03	(a)	3552.14
	08/19/97		(a)	56.20	(a)	3551.97
	10/30/97		(a)	56.17	(a)	3552.00
	01/26/98		(a)	56.28	(a)	3551.89
	05/25/98		(a)	56.29	(a)	3551.88
	08/10/98		(a)	56.38	(a)	3551.79
	10/11/98		(a)	56.39	(a)	3551.78
	12/21/98		(a)	56.41	(a)	3551.76
	03/23/99		(a)	56.41	(a)	3551.76
	09/07/99		(a)	56.35	(a)	3551.82
	03/27/00		(a)	56.37	(a)	3551.80
	11/19/00		(a)	56.52	(a)	3551.65
MW-20	08/19/97	3600.65	(a)	49.50	(a)	3551.15
	10/30/97		(a)	49.47	(a)	3551.18
	01/26/98		(a)	49.37	(a)	3551.28
	05/25/98		(a)	49.21	(a)	3551.44
	08/10/98		(a)	49.41	(a)	3551.24
	10/11/98		(a)	49.68	(a)	3550.97
	12/21/98		(a)	49.62	(a)	3551.03
	03/23/99		(a)	49.38	(a)	3551.27
	09/07/99		(a)	48.55	(a)	3552.10
	03/27/00		(a)	48.21	(a)	3552.44
	11/19/00		(a)	49.10	(a)	3551.55
MW-21	08/07/97	3612.01	(a)	63.64	(a)	3548.37
	10/30/97		(a)	62.58	(a)	3549.43
	01/26/98		(a)	62.76	(a)	3549.25
	05/25/98		(a)	62.57	(a)	3549.44
	08/10/98		(a)	62.47	(a)	3549.54
	10/11/98		(a)	62.60	(a)	3549.41
	12/21/98		(a)	62.59	(a)	3549.42
	03/23/99		(a)	62.50	(a)	3549.51
	09/07/99		(a)	62.27	(a)	3549.74
	03/27/00		(a)	62.10	(a)	3549.91
	11/19/00	3611.99 (d)	(a)	62.37	(a)	3549.62

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-22	08/19/97	3606.04	(a)	55.36	(a)	3550.68
	10/30/97		(a)	55.24	(a)	3550.80
	01/26/98		(a)	55.19	(a)	3550.85
	05/25/98		(a)	54.99	(a)	3551.05
	08/10/98		(a)	54.93	(a)	3551.11
	10/11/98		(a)	55.09	(a)	3550.95
	12/21/98		(a)	55.18	(a)	3550.86
	03/23/99		(a)	55.04	(a)	3551.00
	09/07/99		(a)	54.72	(a)	3551.32
	03/27/00		(a)	54.41	(a)	3551.63
	11/19/00		(a)	54.65	(a)	3551.39
MW-26	10/11/98	3597.75 (c)	(a)	47.31	(a)	3550.44
	10/29/98		(a)	47.53	(a)	3550.22
	12/21/98		(a)	47.24	(a)	3550.51
	03/23/99		(a)	46.86	(a)	3550.89
	09/07/99		(a)	46.07	(a)	3551.68
	03/27/00		(a)	45.70	(a)	3552.05
	11/19/00		(a)	46.83	(a)	3550.92
MW-27	10/11/98	3615.11 (c)	64.85	68.00	3.15	3549.50
	12/21/98		64.83	68.03	3.20	3549.51
	03/23/99		64.78	67.91	3.13	3549.58
	09/07/99		64.53	67.67	3.14	3549.83
	03/27/00		64.40	67.53	3.13	3549.96
	11/19/00	3615.11 (d)	64.59	67.51	2.92	3549.82
MW-28	11/19/00	3615.90 (d)	(a)	65.91	(a)	3549.99
MW-29	11/19/00	3613.54 (d)	(a)	64.85	(a)	3548.69
MW-30	11/19/00	3612.63 (d)	(a)	63.27	(a)	3549.36

Table 1. Summary of Ground Water Surface Elevations
Compressor Station No. 9 - Roswell, NM

Well ID	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-23 D	08/19/97	3605.16	(a)	62.05	(a)	3543.11
	10/30/97		(a)	59.11	(a)	3546.05
	01/26/98		(a)	56.19	(a)	3548.97
	05/06/98	3605.23 (b)	(a)	59.01	(a)	3546.22
	05/07/98		(a)	59.08	(a)	3546.15
	05/25/98		(a)	60.35	(a)	3544.88
	08/10/98		(a)	63.46	(a)	3541.77
	10/11/98	3605.00 (c)	(a)	61.26	(a)	3543.74
	10/19/98		(a)	60.92	(a)	3544.08
	12/21/98		(a)	57.68	(a)	3547.32
	03/23/99		(a)	56.42	(a)	3548.58
	09/07/99		(a)	61.13	(a)	3543.87
	03/27/00		(a)	57.14	(a)	3547.86
	11/19/00		(a)	59.80	(a)	3545.20
MW-24 D	10/11/98	3595.95 (c)	(a)	52.70	(a)	3543.25
	10/19/98		(a)	52.39	(a)	3543.56
	10/29/98		(a)	51.51	(a)	3544.44
	12/21/98		(a)	49.24	(a)	3546.71
	03/23/99		(a)	47.80	(a)	3548.15
	09/07/99		(a)	52.21	(a)	3543.74
	03/27/00		(a)	48.19	(a)	3547.76
	11/19/00		(a)	51.19	(a)	3544.76
MW-25 D	10/11/98	3592.99 (c)	(a)	48.59	(a)	3544.40
	10/19/98		(a)	48.55	(a)	3544.44
	10/29/98		(a)	48.19	(a)	3544.80
	12/21/98		(a)	47.01	(a)	3545.98
	03/23/99		(a)	45.42	(a)	3547.57
	09/07/99		(a)	46.46	(a)	3546.53
	03/27/00		(a)	44.73	(a)	3548.26
	11/19/00		(a)	47.96	(a)	3545.03
Well #2	05/06/98	3615.28 (b)	(a)	65.48	(a)	3549.80
	05/07/98		(a)	65.51	(a)	3549.77
Well #5	05/06/98	3635.39 (b)	(a)	83.75	(a)	3551.64
	05/07/98		(a)	83.79	(a)	3551.60

NOTES:
PSH - Phase separated hydrocarbon
Corrections to ground water surface elevation for PSH is calculated assuming a specific gravity of 0.76
(NA) Information not available
(a) Not applicable since no measurable thickness of PSH is present
(b) Elevation based on survey by Wagener Engineering dated 5/6/98
(c) Elevation based on survey by Wagener Engineering dated 9/17/98
(d) Elevation based on survey by Wagener Engineering dated 11/29/00

Table 2. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-3	11/03/97	4.5	7.21	19.2	3,620	1.31	Clear
	01/27/98	5.0	7.28	18.5	3,630	4.31	Clear
	05/26/98	5.6	7.18	21.4	3,980	8.04	Clear
	08/13/98	6.1	7.19	22.2	3,930	5.06	Clear
	12/24/98	4.9	7.26	16.5	3,940	5.34	Clear
	03/24/99	--/6.0	7.13	19.7	3,980	7.34	Clear
	09/07/99	9.0/7.0	7.17	20.6	3,800	--	Clear
	03/27/00	6.8	7.30	19.0	3,930	--	Clear
MW-5	10/31/97	7.0	7.12	19.9	4,020	--	Clear
	01/27/98	7.8	7.38	17.7	1,980	7.82	Clear
	05/26/98	10.0	7.13	24.4	4,100	6.80	Clear
	08/11/98	8.3	7.18	20.7	4,210	5.99	Clear
	12/22/98	6.5/7.0	7.17	14.6	4,680	5.36	Clear
	03/23/99	8.4	7.10	19.4	4,360	3.37	Clear
MW-6	10/31/97	6.9	7.21	21.6	3,180	--	Clear
	01/26/98	6.4	7.23	17.3	3,200	6.08	Clear
	05/26/98	8.2	7.19	21.2	3,450	4.67	Clear
	08/11/98	9.0/8.0	7.24	22.4	3,430	8.03	Clear
	12/22/98	6.7	7.29	15.7	3,740	13.72	Clear
	03/23/99	8.0/7.0	7.20	19.9	3,460	4.93	Clear
MW-7	11/03/97	2.5	7.28	18.1	3,540	11.30	Clear
	01/29/98	1.8	7.25	18.4	3,540	5.68	Clear
	05/28/98	3.6	7.14	23.5	3,820	9.35	Clear
	08/14/98	3.6/2.6	7.23	21.7	3,770	6.89	Clear
	12/27/98	2.7	7.20	17.5	3,790	6.09	Clear
	03/25/99	3.0/3.4	7.14	17.6	3,780	4.40	Clear, Bailed down
	09/07/99	2.5	7.18	20.0	3,810	--	Clear
	03/28/00	2.6	7.21	19.1	3,780	13.63	Clear
	11/18/00	--/3.8	7.31	18.6	3,430	--	Clear
MW-8	11/02/97	4.4	7.16	18.5	3,730	6.91	Clear
	01/29/98	4.2	7.17	19.8	3,730	2.41	Clear
	05/28/98	4.7	7.11	19.8	4,000	4.66	Clear
	08/14/98	4.3	7.10	20.6	3,970	4.62	Clear
	12/27/98	4.7	7.14	19.1	4,010	5.54	Clear
	03/25/99	4.0/3.8	7.07	18.4	4,040	4.15	Clear
MW-9	11/02/97	5.5	7.32	18.6	4,110	180	Cloudy
	01/29/98	3.9	7.35	16.9	4,090	--	Slightly Turbid
	05/28/98	6.0	7.25	20.8	4,440	62	Cloudy
	08/14/98	5.3	7.23	21.4	4,400	91/80	Cloudy, (80 FTU dissolved metals reading)
	12/27/98	5.3	7.35	17.9	4,400	97	Cloudy
	03/24/99	--/7.0	7.31	18.9	4,430	84	Cloudy, Bailed down

Table 2. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-10	11/01/97	6.9	7.14	19.7	3,600	3.40	Clear
	01/27/98	5.9	7.20	19.6	3,570	0.31	Clear
	05/26/98	7.2	7.16	22.7	3,900	2.60	Clear
	08/13/98	6.1/6.0	7.12	20.1	3,840	0.92	Clear
	12/22/98	5.9	7.18	14.7	4,190	3.18	Clear
	03/23/99	6.1/6.0	7.09	18.9	3,900	2.38	Clear
	09/07/99	6.2/6.0	7.05	20.1	3,400	--	Clear
	03/27/00	5.8/5.5	7.17	19.4	3,860	--	Clear
MW-11	11/01/97	7.1	7.21	19.5	3,640	4.40	Clear
	01/27/98	6.7	7.25	17.8	3,610	2.71	Clear
	05/26/98	7.9	7.24	21.6	3,950	30.01	Clear
	08/13/98	7.9	7.26	20.3	3,890	5.52	Clear
	12/22/98	5.4	7.25	15.6	3,610	10.19	Clear
	03/24/99	--/7.0	7.25	20.1	3,030	8.68	Clear
	09/07/99	6.7	7.27	19.5	3,200	--	Clear
	03/27/00	6.4	7.29	19.0	3,500	--	Clear
MW-12	11/04/97	3.4	7.29	20.1	3,790	1.77	Clear, Odor
	01/30/98	1.2	7.16	18.7	3,540	--	Clear, Odor
	05/28/98	2.4	7.19	20.8	3,850	2.83	Clear
	08/15/98	2.5	7.19	20.6	3,900	3.87	Clear, Odor
	12/28/98	0.7	7.24	17.8	3,820	2.83	Clear
	03/26/99	1.7/1.2	7.11	18.2	3,930	1.55	Clear, Odor
	09/07/99	0.7	7.45	20.6	3,960	--	Clear
	03/29/00	2.2/1.8	7.18	19.5	3,920	2.34	Clear, Odor
	11/18/00	--	7.26	19.0	3,470	--	Clear
MW-13	11/04/97	1.1	7.10	19.8	3,840	1.76	Clear, Odor
	01/30/98	0.2	6.99	18.7	3,780	--	Clear, Odor
	05/28/98	2.4	6.98	21.8	4,070	10.24	Clear, Sewage Odor
	08/15/98	1.1/0	6.92	20.8	4,140	6.89	Clear, Sewage Odor
	12/27/98	0.9	6.98	19.2	3,940	10.47	Clear, Odor
	03/26/99	0.6/0.4	--	18.8	3,980	7.96	Clear, Odor, turns black in air
	09/08/99	1.5/2.0	6.90	20.1	4,020	--	Clear, Odor
	03/29/00	1.8/0	6.89	19.5	4,130	11.28	Clear, Odor
	11/18/00	--/0.6	6.81	18.9	3,730	--	Strong sulfur smell
MW-14	11/02/97	2.1	7.16	18.5	3,620	1.09	Clear
	01/29/98	3.2	7.20	17.9	3,600	2.32	Clear
	05/27/98	5.0	7.18	24.8	3,890	2.11	Clear
	08/11/98	5.0	7.17	25.1	3,880	4.76	Clear
	12/23/98	2.4	7.15	18.4	3,890	2.10	Clear
	03/25/99	3.7	7.13	18.7	3,900	1.17	Clear
	09/07/99	5.8	7.09	21.0	3,930	--	Clear
	03/28/00	2.7	7.20	19.2	3,850	--	Clear

Table 2. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-15	11/02/97	3.6	7.32	20.1	3,970	1.54	Clear
	01/28/98	3.6	7.41	17.7	3,930	2.36	Clear
	01/27/98	4.1	7.28	22.1	4,330	1.82	Clear
	08/13/98	4.4	7.24	20.7	4,270	1.57	Clear
	12/24/98	5.4	7.24	15.5	4,160	1.49	Clear
	03/24/99	--/6.0	7.16	19.9	4,310	1.71	Clear
	09/07/99	6.2	7.20	20.6	3,900	--	Clear
	03/28/00	5.0/4.6	7.25	19.2	4,240	--	Clear
MW-17	11/02/97	5.8	7.26	18.5	3,910	1.20	Clear
	01/28/98	4.9	7.01	18.2	3,880	2.71	Clear
	05/27/98	6.3	7.25	21.9	4,250	1.95	Clear
	08/13/98	6.7	7.28	20.1	4,210	1.65	Clear
	12/24/98	4.5	7.25	17.7	4,220	3.30	Clear
	03/25/99	5.6	7.21	18.6	4,260	1.32	Clear w/ flec's, Sewage Odor
	09/07/99	7.5/7.0	7.26	20.4	4,000	--	Clear
	03/28/00	5.7/4.8	7.26	19.3	4,190	--	Clear
MW-18	11/01/97	7.6	7.41	18.6	3,850	0.73	Clear
	01/28/98	7.6	7.36	17.6	3,810	0.63	Clear
	05/27/98	8.2	7.55	21.1	4,170	2.81	Clear
	08/13/98	8.3/8.0	7.55	21.8	4,130	1.08	Clear
	12/24/98	6.0	7.44	14.5	4,030	0.72	Clear
	03/24/99	--/8.0	7.45	19.8	4,180	1.47	Clear, Bailed down
MW-19	11/01/97	8.0	7.33	19.1	4,080	0.85	Clear
	01/27/98	6.2	7.31	18.2	4,030	4.03	Clear
	05/27/98	7.2	7.20	19.4	4,400	3.06	Clear
	08/13/98	8.0	7.28	20.8	4,370	2.25	Clear
	12/23/98	6.8	7.41	16.2	4,390	6.97	Clear
	03/24/99	--/7.2	7.23	18.7	4,380	9.08	Clear
MW-20	11/03/97	1.4	6.90	18.6	3,750	12.6	Clear
	11/03/97	1.0	6.86	18.2	3,710	--	Clear
	05/29/98	3.9	6.81	20.8	4,000	4.11	Clear, Slightly cloudy at end
	08/15/98	2.6	6.86	20.5	4,060	13.57	Clear
	12/28/98	2.2/1.8	6.88	18.5	4,060	9.30	Clear
	03/26/99	1.5	6.78	18.1	4,130	3.23	Clear
	09/08/99	1.5	6.79	19.2	4,040	--	Clear
	03/29/00	1.8	6.82	19.0	4,070	1.89	Clear
	11/15/00	1.8	6.76	18.5	3,680	--	Clear

Table 2. Summary of Field Measured Parameters
Compressor Station No. 9 - Roswell, NM

Well ID	Date	Dissolved Oxygen (mg/L) Meter/Hach	pH	Temperature °C	Electrical Conductivity (µs/cm)	Turbidity (NTU/FTU)	Remarks
MW-21	11/04/97	3.4	7.29	20.1	3,790	1.77	Clear, Odor
	01/30/98	1.4	7.20	17.6	3,690	2.78	Clear, Odor
	05/28/98	2.7	7.21	20.6	3,990	3.57	Clear, Odor
	08/15/98	2.7/2.2	7.16	20.8	4,000	2.32	Clear w/ dark flec's, Odor
	12/28/98	0.8	7.25	18.0	3,990	4.39	Clear, Odor, turns black in air
	03/26/99	0.6	7.17	18.4	4,030	3.81	Clear, Odor, turns black in air
	09/07/99	0.0	7.29	20.5	3,890	--	Clear, Odor, turns black in air
	03/29/00	0.8/0.6	7.30	19.3	3,970	4.38	Clear, Odor, turns black in air
	11/18/00	--/0.3	7.43	19.0	3,570	--	Clear, strong sulfur smell
MW-22	11/03/97	7.0	7.22	18.5	3,700	260.0	Cloudy
	01/29/98	6.5	7.22	18.2	3,660	10.35	Clear
	05/28/98	8.6	7.18	22.8	3,940	48.03	Clear
	08/14/98	8.6	7.20	20.5	3,970	168.0	Cloudy
	12/27/98	8.0	7.25	19.9	3,940	12.00	Clear
	03/25/99	7.0	7.19	17.4	3,980	1.19	Clear
	09/08/99	7.6	7.20	19.4	3,900	--	Clear
	03/28/00	8.4	7.26	18.9	3,930	5.36	Clear
	11/15/00	6.5	7.20	16.7	1,343	--	Clear
MW-23D	11/05/97	2.8	7.55	18.1	2,550	87.5	Slightly to Mod. Milky, Sulfur Smell
	01/28/98	4.8	8.06	18.6	3,820	>200	Silty
	05/27/98	7.1	7.61	23.2	4,150	--	Turbid
	08/11/98	4.2	7.22	19.9	4,130	17.81	Clear
	12/23/98	4.6	7.50	16.6	4,210	43.94	Clear
	04/05/99	5.6	7.18	18.8	4,160	--	Clear
	05/02/00	4.3	7.41	19.5	3,920	--	Silty
MW-24D	10/29/98	5.44	7.43	18.5	2,930	--	Silty
	12/23/98	4.2	7.49	16.7	3,840	>1000	Turbid, Bailed down
	03/30/99	4.6	6.98	18.4	3,750	--	Turbid, Bailed down
	05/02/00	4.2	7.28	19.9	3,610	--	Very Silty
MW-25D	10/29/98	4.87	7.80	18.6	3,370	--	Silty
	12/23/98	4.6	7.67	16.9	3,820	77	Clear, Bailed down
	03/30/99	4.1	7.36	18.1	3,790	--	Turbid, Bailed down
	05/02/00	4.5	7.52	19.2	3,510	--	Turbid, Bailed down
MW-26	10/29/98	4.61	7.20	18.8	3,620	--	Clear
	12/27/98	4.9	7.13	19.4	4,130	83	Cloudy/Turbid
	03/25/99	4.8	7.09	18.4	4,170	35.38	Clear initial/cloudy last
	07/25/99	3.3	7.17	20.3	4,220	--	Clear, no odor
	09/07/99	8.4/7.0	7.11	19.7	4,170	--	Clear
	03/28/00	6.1/6.2	7.13	18.7	4,090	46.91	Clear
	11/15/00	6.8/7.0	7.11	18.4	3,730	--	Clear
MW-28	11/18/00	--	7.28	17.0	3,510	--	Silty
MW-29	11/19/00	--	7.60	17.9	2,320	--	Brown silty
MW-30	11/18/00	--	7.54	18.6	3,350	--	Silty

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Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-3	04/30/93	< 5	< 5	< 5	NA	NA	< 5	< 5	< 5	< 5	NA	NA	NA
	08/22/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/10/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/30/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-5	04/30/93	< 5	< 5	< 5	NA	NA	< 5	< 5	< 5	< 5	NA	NA	NA
	08/22/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/10/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/25/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	10/31/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/23/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-6	12/02/94	< 0.5	< 0.5	< 0.5	< 0.5	NA	< 0.2	< 5	< 5	< 0.2	NA	NA	NA
	08/22/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/10/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/25/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	10/31/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/23/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA

Table 3. Summary of Ground Water Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-7	08/23/95	< 5	< 5	< 5	< 5	**900**	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/17/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA
Dup (MW-31)	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA
MW-8	08/22/95	**6**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/11/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/01/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-9	08/23/95	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	09/11/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA

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Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-10	09/19/96	**2**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/23/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-11	09/19/96	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/30/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/26/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/22/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/27/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-12	09/17/96	**760**	< 5	< 5	**52**	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/06/97	**280**	< 5	< 5	< 5	< 10	< 5	**9**	< 5	< 5	NA	< 10	< 10
	11/04/97	**340**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
dup (MW-24)	11/04/97	**260**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/30/98	**310**	< 5	< 5	**26**	< 20	< 5	< 5	< 5	< 5	**10**	< 5	NA
	05/28/98	**310**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	**9**	< 5	NA
	08/15/98	**190**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	**8**	< 5	NA
dup (MW-28)	08/15/98	**200**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	**9**	< 5	NA
	12/28/98	**120**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	**4**	**2.8**	NA
	03/26/99	**92**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	**3**	**2.2**	NA
dup (MW-28)	03/26/99	**95**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	**2**	**2.2**	NA
	09/07/99	**38**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/29/00	**92**	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	11/18/00	**80.2**	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA

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		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-13	09/19/96	**4,600**	**9**	< 5	**170**	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/09/97	**2,400**	< 5	**100**	< 5	< 100	< 5	**41**	< 5	< 5	NA	< 10	< 10
	11/04/97	**590**	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	**61**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	**140**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/15/98	**30**	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	**58**	**1**	< 1	**4**	< 20	< 1	< 1	< 1	< 1	< 1	**1.3**	NA
	03/26/99	**44**	< 1	< 1	**6**	< 20	< 1	< 1	< 1	< 1	< 1	**0.8**	NA
	09/08/99	**160**	**2**	< 1	**4**	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/29/00	**84**	**4.0**	< 1	**4.0**	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	11/18/00	**139**	< 1.00	< 1.00	**2.34**	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	NA	NA
MW-14	09/24/96	**2** [a]	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/01/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-15	09/25/96	**4** [a]	**6**	< 5	**6**	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/08/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA

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Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-17	09/24/96	2 [a]	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	07/31/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/02/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-18	08/09/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/24/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
MW-19	09/27/96	2	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	08/08/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/01/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/13/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/24/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA

Table 3. Summary of Ground Water Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NM WQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-20	08/07/97	**12**	< 5	< 5	< 5	< 100	**8**	< 5	**39**	**22**	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	**10**	< 5	**86**	**28**	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	**12**	< 5	**72**	< 5	< 5	< 5	NA
	05/29/98	< 5	< 5	< 5	< 5	< 20	**15**	< 5	**120**	< 5	< 5	< 5	NA
dup (MW-24)	05/29/98	< 5	< 5	< 5	< 5	< 20	**14**	< 5	**140**	**29**	< 5	< 5	NA
	08/15/98	< 5	< 5	< 5	< 5	< 20	**14**	< 5	**100**	**28**	< 5	< 5	NA
	12/28/98	< 1	< 1	< 1	< 1	< 20	**15**	< 1	**83**	**27**	< 1	< 1	NA
dup (MW-28)	12/28/98	< 1	< 1	< 1	< 1	< 20	**15**	< 1	**83**	**27**	< 1	< 1	NA
	03/26/99	< 1	< 1	< 1	< 1	< 20	**15**	< 1	**84**	**27**	< 1	< 1	NA
	09/08/99	< 1	< 1	< 1	< 1	< 20	**16**	< 1	**100**	**26**	< 1	NA	NA
dup (MW-28)	09/08/99	< 1	< 1	< 1	< 1	< 20	**17**	< 1	**110**	**26**	< 1	NA	NA
	03/29/00	< 1	< 1	< 1	< 1	< 20	**19**	< 1	**110**	**24**	< 1	NA	NA
dup (MW-31)	03/29/00	< 1	< 1	< 1	< 1	< 20	**18**	< 1	**110**	**22**	< 1	NA	NA
	11/15/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	**17.5**	< 1.00	**94.5**	**18.7**	< 1.00	NA	NA
MW-21	08/07/97	**370**	< 5	< 5	< 5	< 100	< 5	**11**	< 5	< 5	NA	< 10	< 10
	11/04/97	**170**	< 5	< 5	**15**	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/30/98	**700**	< 5	< 5	**26**	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
dup (MW-24)	01/30/98	**700**	< 5	< 5	**24**	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	**790**	< 5	< 5	**34**	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/15/98	**1000**	< 5	< 5	**68**	< 20	< 5	< 5	< 5	< 5	**7**	< 5	NA
	12/28/98	**1400**	1	< 1	**61**	< 20	< 1	< 1	< 1	< 1	**9**	**8.8**	NA
	03/26/99	**1400**	< 1	< 1	**28**	< 20	< 1	< 1	< 1	< 1	**5**	**7.1**	NA
	09/07/99	**1500**	< 1	**4**	**25**	< 20	< 1	< 1	< 1	< 1	**4**	NA	NA
	03/29/00	**1700**	< 1	**8.0**	**12**	< 20	< 1	< 1	< 1	< 1	**4.0**	NA	NA
	11/18/00	**1430**	< 5.00	**12.7**	< 10.0	< 50.0	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	NA	NA
MW-22	08/07/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/03/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/14/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**4**	**1**	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**4**	**1**	< 1	< 1	NA
	09/08/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**5**	**2**	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 20	< 1	< 1	**6.0**	**2.0**	< 1	NA	NA
	11/15/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	**4.29**	**1.08**	< 1.00	NA	NA

Table 3. Summary of Ground Water Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-23D	08/06/97	< 1	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	< 10
	11/05/97	< 5	< 5	< 5	< 5	< 100	< 5	< 5	< 5	< 5	NA	< 10	NA
	01/28/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	05/27/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	08/11/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	< 5	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	04/05/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	05/02/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-24D	10/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/30/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
(NMOCD)	03/30/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	NA
	05/02/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-25D	10/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	12/23/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/30/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
(NMOCD)	03/30/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	NA
	05/02/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
MW-26	10/29/98	< 5	< 5	< 5	< 5	< 20	< 5	< 5	< 5	< 5	NA	< 5	NA
	12/27/98	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
	03/25/99	< 1	< 1	< 1	< 1	< 20	< 1	< 1	< 1	< 1	< 1	< 1	NA
(NMOCD)	03/30/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	< 1	< 1	< 1	< 1	NA
	07/25/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	1	< 1	< 1	< 1	NA
	09/07/99	< 1	< 1	< 1	< 1	< 10	< 1	< 1	1	< 1	< 1	NA	NA
	03/28/00	< 1	< 1	< 1	< 1	< 10	< 1	< 1	**3.0**	< 1	< 1	NA	NA
	11/15/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	**3.14**	< 1.00	< 1.00	NA	NA

Table 3. Summary of Ground Water Analyses - Organics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	BTEX (ug/L)				Other VOCs (ug/L)						SVOC's (ug/L)	
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	Methyl ethyl ketone (2-butanone)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	1,2,4-Trimethylbenzene	Total Naphthalene [b]	4-Methylphenol (p-Cresol)
	NMWQCC Standard:	10	750	750	620	none	25	10	5	60	none	30	none
MW-28	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 5.00	NA
MW-29	11/19/00	**590**	< 5.00	**57.8**	**23.2**	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	**18.7**	< 0.100	NA
MW-30	11/18/00	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.200	NA

NOTES:

Only constituents detected in one or more ground water samples are shown in this table

All results reported above the detection limit are shown in bold type

NA - An analytical result for this constituent was not reported by the laboratory

[a] Analyte present in method blank

[b] Total Naphthalene = Naphthalene + 1-Methylnapthalene + 2-Methylnapthalene

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-3	03/23/94 [c]	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.03	0.02	< 0.01	< 0.01	NA	NA	< 0.03	NA	< 0.0002	< 0.05	< 0.01	NA	NA
	08/22/95 [b]	3650	405	1,800	0.8	587	3.2	136	215	116	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0002	< 0.1	< 0.01	0.03	0.24
	09/10/96 [b]	3530	385	1,800	0.96	635	20	144	229	115	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	07/30/97 [b]	3560	409	1,680	1.1	804	< 5	135	410	114	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.3	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	11/03/97 [b]	3450	370	1,840	1.1	790 [d]	3.0	180	290 [d]	110	< 0.03	0.04	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98 [c]	2790	398	1,700	1.1	643	3	138	212	102	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98 [b]	2700	430	2,100	1.2	NA	NA	NA	NA	108	< 0.005	0.008	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98 [b]	3600	443	95	1.1	594	3	121	205	111	0.007	0.010	< 0.005	< 0.01	< 0.01	0.07	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.04	NA
	12/24/98 [b]	3390	390	1,900	1.1	563	3.4	121	220	111	< 0.004	0.0133	< 0.002	< 0.005	< 0.002	0.030	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99 [b]	3430	370	1,800	1.3	566	3.5	127	211	113	< 0.004	0.0120	< 0.002	< 0.005	< 0.002	0.042	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/27/00 [b]	3460	410	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	03/23/94 [c]	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.03	0.01	< 0.01	< 0.01	NA	NA	< 0.03	NA	< 0.0002	< 0.05	< 0.01	NA	NA
	08/22/95 [b]	3440	574	1,800	3.1	623	3.8	145	204	122	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	< 0.0002	< 0.1	< 0.01	0.01	0.38
	09/10/96 [b]	3550	578	1,690	2.97	631	19	158	218	114	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	0.02	< 0.01	0.02	NA
	07/25/97 [b]	3960	622	1,720	3.7	916	< 5	159	270	120	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	0.26	< 0.003	NA	< 0.0002	0.02	< 0.01	< 0.01	NA
	10/31/97 [b]	3700	560	1,730	3.6	780 [d]	2.6	200	270 [d]	118	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98 [c]	1180	260	700	1.8	300	< 2	67.9	99.3	78	< 0.1	0.047	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98 [b]	2200	570	1,900	3.5	NA	NA	NA	NA	110	< 0.005	0.012	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/11/98 [b]	3400	520	1,500	3.7	588	3	144	193	121	< 0.005	0.010	< 0.005	< 0.01	< 0.01	0.06	< 0.005	< 0.005	< 0.0002	0.016	< 0.01	< 0.02	NA
	12/22/98 [b]	3440	620	1,700	3.8	628	3	147	203	116	< 0.004	0.0148	< 0.002	< 0.005	< 0.002	0.026	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/23/99 [b]	3490	590	1,600	3.9	607	3.2	150	217	116	< 0.004	0.0142	< 0.002	< 0.005	< 0.002	0.023	< 0.025	< 0.001	< 0.0002	0.013	< 0.003	< 0.01	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-6	08/22/95 [b]	2800	344	1,600	1	458	3.9	148	124	110	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0005	< 0.1	< 0.01	0.03	0.69
	09/10/96 [b]	3040	333	1,490	0.98	488	19	154	182	99	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	07/25/97 [b]	3420	344	1,650	1	778	5	217	236	112	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	0.32	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	10/31/97 [b]	3090	300	1,620	1.2	550 [d]	3.1	170	170 [d]	106	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/26/98 [c]	2650	335	1,500	1.0	517	4	151	152	96	< 0.1	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98 [b]	2600	340	1,900	1.1	NA	NA	NA	NA	102	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	08/11/98 [b]	2900	305	1,500	1.0	425	3	124	126	98	< 0.005	0.006	< 0.005	< 0.01	< 0.01	0.18	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.02	NA
	12/22/98 [b]	2890	300	1,600	1.0	488	3.3	142	144	109	< 0.004	0.0099	< 0.002	< 0.005	< 0.002	0.064	< 0.025	0.0097	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/23/99 [b]	2960	300	1,600	1.0	476	3.7	146	153	108	< 0.004	0.0106	< 0.002	< 0.005	< 0.002	0.073	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-7	08/23/95 [b]	3640	284	2,000	0.12	668	8.2	235	149	136	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0004	< 0.1	< 0.01	0.02	1.39
	09/17/96 [b]	3760	273	2,140	0.07	648	20	198	145	110	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	07/31/97 [b]	3700	313	1,930	< 0.05	191	< 20	84.3	95	112	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	0.3	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/03/97 [b]	3580	250	1,810	< 0.05	790 [d]	6.4	260	180 [d]	112	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	**1.2**	< 0.03	**1.2**	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98 [c]	2730	288	1,800	< 0.1	630	7	206	140	86	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.120	< 0.0002	< 0.1	< 0.01	0.03	NA
	05/28/98 [b]	3000	290	2,400	< 0.1	NA	NA	NA	NA	114	< 0.005	0.011	< 0.005	< 0.01	< 0.01	0.44	< 0.05	**0.490**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98 [b]	3800	301	2,300	< 0.1	572	8	180	130	108	< 0.005	0.012	< 0.005	< 0.01	< 0.01	0.30	< 0.005	**0.428**	< 0.0002	< 0.005	< 0.01	0.09	NA
	12/27/98 [b]	3440	260	2,000	0.01	556	6.65	0.176	141	120	< 0.004	0.0171	< 0.002	< 0.005	< 0.002	0.126	< 0.025	**0.362**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99 [b]	3470	250	2,000	0.02	232	5.28	158	110	116	< 0.004	0.0130	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0285	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00 [b]	3550	300	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.225	NA	0.0274	NA	NA	NA	NA	NA
MW-8	08/22/95 [b]	3640	362	2,000	0.1	587	3.7	193	117	134	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.05	NA	0.0003	< 0.1	< 0.01	0.01	0.33
	09/19/96 [b]	3780	331	2,120	0.06	630	21	222	206	141	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	08/01/97 [b]	3890	339	1,980	0.16	86.5	< 20	51.5	80	140	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	<0.2	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97 [b]	3740	320	1,810	0.10	610 [d]	3.4	210	180 [d]	136	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98 [c]	2960	347	1,900	0.1	634	3	219	168	96	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98 [b]	2800	370	2,500	0.2	NA	NA	NA	NA	131	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98 [b]	3800	355	2,100	< 0.1	604	4	188	135	204	< 0.005	0.006	< 0.005	< 0.01	< 0.01	0.11	< 0.005	0.009	< 0.0002	< 0.005	< 0.01	0.39	NA
	12/27/98 [b]	3650	350	2,100	0.21	554	3.7	191	184	137	< 0.004	0.0108	< 0.002	< 0.005	< 0.002	0.065	< 0.025	0.0028	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99 [b]	3670	350	2,000	0.21	541	3.6	200	169	136	< 0.004	0.0103	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-9	08/23/95 [b]	**4060**	**391**	**2,200**	0.38	896	17	232	230	124	< 0.05	0.04	< 0.005	< 0.01	0.01	NA	< 0.05	NA	0.0005	< 0.1	< 0.01	0.03	3.13
	09/19/96 [b]	**3810**	**439**	**1,990**	0.56	673	24	210	287	114	< 0.05	0.05	< 0.005	0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	07/31/97 [b]	**4270**	**487**	**2,040**	0.55	557	< 20	174	362	126	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	0.4	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97 [b]	**4000**	**440**	**1,930**	0.36	610 [d]	5.5	190	270 [d]	124	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	**1.4**	< 0.03	0.11	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98 [c]	**3730**	**459**	**1,800**	0.6	639	5	193	248	80	< 0.1	0.008	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.030	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98 [b]	**3200**	**470**	**2,500**	0.9	NA	NA	NA	NA	112	< 0.005	0.013	< 0.005	< 0.01	< 0.01	0.86	< 0.05	0.070	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98 [b]	**4200**	**479**	**2,000**	1.1	554	6	174	240	105	0.007	0.015	< 0.005	< 0.01	< 0.01	0.91	< 0.005	0.046	< 0.0002	< 0.005	< 0.01	0.03	NA
	08/14/98 [c]	NA	NA	NA	NA	619	5	206	261	NA	< 0.005	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.031	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/27/98 [c]	**3800**	**470**	**2,100**	0.93	532	4.51	163	226	121	< 0.004	0.0158	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0088	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99 [b]	**3910**	**450**	**2,100**	0.79	532	5.13	181	245	119	< 0.004	0.0164	< 0.002	< 0.005	< 0.002	0.502	< 0.025	0.0326	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-10	09/19/96 [b]	**3390**	**367**	**3,360**	0.75	634	6	153	179	133	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	07/31/97 [b]	**3550**	**364**	**1,590**	0.71	211	< 20	62.3	146	138	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	< 0.02	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/01/97 [b]	**3520**	**340**	**1,890**	0.74	600 [d]	3.5	146	225 [d]	128	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98 [c]	**2910**	**350**	**1,700**	0.7	607	4	138	197	120	< 0.1	0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98 [b]	**3000**	**370**	**2,200**	0.8	NA	NA	NA	NA	122	< 0.005	0.006	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	0.20	NA
	08/13/98 [b]	**3300**	**372**	**1,900**	0.7	563	5	130	201	121	0.007	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.04	NA
	12/22/98 [b]	**3390**	**350**	**1,900**	0.68	584	3.3	133	203	127	< 0.004	0.0107	< 0.002	< 0.005	< 0.002	0.034	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/23/99 [b]	**3390**	**340**	**1,800**	0.68	569	3.8	134	211	127	< 0.004	0.0104	< 0.002	< 0.005	< 0.002	0.011	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/27/00 [b]	**3440**	**390**	**2,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-11	09/19/96 [b]	**3480**	**400**	**2,480**	0.71	642	< 5	144	202	116	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	0.04	NA
	07/30/97 [b]	**3550**	**405**	**1,680**	0.7	748	8	132	545	106	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	0.07	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	11/01/97 [b]	**3530**	**370**	**1,900**	0.67	630 [d]	2.6	140	360 [d]	96	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/27/98 [c]	**2940**	**374**	**1,600**	0.7	612	3	133	231	100	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/26/98 [b]	**3000**	**400**	**2,100**	0.7	NA	NA	NA	NA	103	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.17	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	0.21	NA
	08/13/98 [b]	**3300**	**390**	**1,900**	0.6	585	4	121	229	102	0.006	0.007	< 0.005	< 0.01	< 0.01	0.14	< 0.005	0.012	< 0.0002	< 0.005	< 0.01	0.06	NA
	12/22/98 [b]	**3780**	**300**	**1,500**	1.1	468	3	98.3	183	110	< 0.004	0.0138	< 0.002	< 0.005	< 0.002	0.047	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99 [b]	**2480**	**250**	**1,200**	1.1	403	3.4	88.1	172	106	< 0.004	0.0160	< 0.002	< 0.005	< 0.002	0.137	< 0.025	0.0021	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/27/00 [b]	**3100**	**380**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	09/17/96 [b]	**3670**	**431**	**1,810**	0.36	688	16	127	247	110	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	08/06/97 [b]	**3670**	**435**	**1,640**	0.41	605	< 5	123	236	106	< 0.01	0.01	< 0.005	< 0.01	< 0.01	0.52	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	11/04/97 [b]	**3340**	**390**	**1,630**	0.40	880 [d]	2.6	180	330 [d]	102	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	**0.31**	< 0.0002	< 0.04	< 0.01	< 0.03	NA
Dup (MW-24)	11/04/97 [b]	**3400**	**400**	**1,760**	0.40	710 [d]	2.4	150	320 [d]	102	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	**0.43**	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/30/98 [c]	**2680**	**421**	**1,600**	0.3	625	2	120	209	74	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	0.05	< 0.05	**0.444**	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98 [b]	**3100**	**440**	**2,100**	0.3	NA	NA	NA	NA	99	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.12	< 0.05	**0.688**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/15/98 [b]	**3200**	**408**	**2,000**	0.4	616	3	118	194	111	0.005	0.005	< 0.005	< 0.01	< 0.01	0.13	< 0.005	**0.678**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
Dup (MW-28)	08/15/98 [b]	**3300**	**417**	**1,700**	0.4	616	< 2	115	193	108	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.09	< 0.005	**0.470**	< 0.0002	0.005	< 0.01	0.02	NA
	12/28/98 [b]	**3210**	**420**	**1,700**	0.28	551	3.0	108	231	107	< 0.004	0.0083	< 0.002	< 0.005	< 0.002	0.114	< 0.025	**0.667**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
Dup (MW-28)	03/26/99 [b]	**3360**	**400**	**1,700**	0.41	533	3.4	112	209	104	< 0.004	0.0086	< 0.002	< 0.005	< 0.002	0.110	< 0.025	**0.790**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99 [b]	**3330**	**410**	**1,700**	0.37	533	3.2	113	210	104	< 0.004	0.0084	< 0.002	< 0.005	< 0.002	0.103	< 0.025	**0.759**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00 [b]	**3460**	**460**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.158	NA	**1.18**	NA	NA	NA	NA	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-13	09/19/96 [b]	2810	438	2,910	0.13	496	5	123	136	136	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	08/09/97 [b]	3640	518	1,460	0.06	484	18	144	212	142	0.02	0.02	< 0.005	< 0.01	< 0.01	0.81	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	11/04/97 [b]	3760	460	1,720	< 0.05	680 [d]	3.0	150	200 [d]	152	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.67	< 0.03	2.4	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/30/98 [c]	2970	490	1,500	< 0.1	707	3	143	174	113	< 0.1	0.009	< 0.005	< 0.01	< 0.01	0.86	< 0.05	1.50	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98 [b]	2900	530	2,100	< 0.1	NA	NA	NA	NA	149	< 0.005	0.008	< 0.005	< 0.01	< 0.01	1.41	< 0.05	1.37	0.0033	< 0.005	< 0.01	< 0.02	NA
	08/15/98 [b]	3700	461	1,700	< 0.1	664	5	134	155	163	0.007	0.009	< 0.005	< 0.01	< 0.01	1.36	< 0.005	1.07	< 0.0002	< 0.005	< 0.01	0.06	NA
	12/27/98 [b]	3160	470	1,600	0.03	577	3.2	121	185	192	< 0.004	0.0150	< 0.002	< 0.005	< 0.002	1.56	< 0.025	1.95	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99 [b]	3110	430	1,500	< 0.01	550	3.4	128	170	193	< 0.004	0.0140	< 0.002	< 0.005	< 0.002	1.46	< 0.025	1.84	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00 [b]	3510	550	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.908	NA	1.75	NA	NA	NA	NA	NA
MW-14	09/24/96 [b]	3580	364	2,000	0.31	668	6	154	149	98	< 0.05	0.03	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	08/01/97 [b]	3710	360	1,630	0.32	672	< 20	155	180	110	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	< 0.02	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97 [b]	3500	360	1,600	0.13	780 [d]	4.1	190	220 [d]	112	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.06	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98 [c]	2890	368	1,700	0.2	664	5	157	169	82	< 0.1	0.012	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.013	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98 [b]	2700	380	2,200	0.3	NA	NA	NA	NA	112	< 0.005	0.009	< 0.005	< 0.01	< 0.01	0.05	< 0.05	0.007	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/11/98 [b]	3300	360	1,800	0.2	608	5	144	161	122	< 0.005	0.009	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.03	NA
	12/23/98 [b]	3380	360	1,900	0.26	609	4.00	144	165	114	< 0.004	0.0125	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99 [b]	3480	350	1,900	0.25	567	4.04	143	167	114	< 0.004	0.0126	< 0.002	< 0.005	< 0.002	0.011	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00 [b]	3450	380	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	09/25/96 [b]	3860	438	3,940	0.58	1,130	7	180	210	138	< 0.05	0.03	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.08	NA
	08/08/97 [b]	3820	467	1,920	0.35	625	< 5	171	269	118	0.02	0.02	< 0.005	< 0.01	< 0.01	0.32	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	11/02/97 [b]	3820	450	1,900	0.43	750 [d]	3.8	210	330 [d]	114	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/28/98 [c]	2970	453	1,800	0.4	638	4	174	259	82	< 0.1	0.010	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.015	< 0.0002	< 0.1	< 0.01	0.04	NA
	05/27/98 [b]	2900	500	2,300	0.5	NA	NA	NA	NA	110	< 0.005	0.009	< 0.005	< 0.01	< 0.01	0.04	< 0.05	0.006	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98 [b]	3900	479	2,200	0.6	586	4	162	262	106	0.006	0.012	< 0.005	< 0.01	< 0.01	0.03	< 0.005	0.012	< 0.0002	< 0.005	< 0.01	0.20	NA
	12/24/98 [b]	3630	440	2,000	0.48	592	4.00	150	281	111	< 0.004	0.0133	< 0.002	< 0.005	< 0.002	0.013	< 0.025	0.0191	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99 [b]	3720	440	1,900	0.50	578	4.57	162	262	111	< 0.004	0.0117	< 0.002	< 0.005	< 0.002	0.019	< 0.025	0.0130	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00 [b]	3720	480	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-17	09/24/96 [b]	**3660**	**437**	**2,000**	0.71	626	< 5	170	218	138	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
	07/31/97 [b]	**1570**	**445**	**1,820**	0.71	221	< 20	71.1	175	96	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05	<0.2	< 0.02	NA	< 0.0002	< 0.05	< 0.05	< 0.05	NA
	11/02/97 [b]	**3770**	**430**	**2,000**	0.74	770 [d]	2.5	210	330 [d]	90	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.03	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/28/98 [c]	**2880**	**444**	**1,700**	0.6	629	3	168	249	64	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.018	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98 [b]	**3000**	**470**	**1,500**	0.6	NA	NA	NA	NA	89	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.011	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98 [b]	**3900**	**443**	**2,100**	0.6	578	2	161	257	124	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	0.044	< 0.0002	< 0.005	< 0.01	0.09	NA
	12/24/98 [b]	**3600**	**440**	**2,000**	0.64	558	2.6	148	254	93	< 0.004	0.0079	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0042	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99 [b]	**3590**	**440**	**1,900**	0.66	535	3.0	152	240	91	< 0.004	0.0077	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	0.0259	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00 [b]	**3690**	**470**	**2,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	08/09/97 [b]	**4240**	NA	NA	NA	471	57	164	291	NA	0.02	0.02	< 0.005	0.02	< 0.01	**1.09**	< 0.003	NA	< 0.002	< 0.01	< 0.01	0.03	NA
	11/01/97 [b]	**3850**	**390**	**2,020**	0.69	760 [d]	6.4	210	330 [d]	78	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/28/98 [c]	**3100**	**424**	**1,900**	0.8	641	7	225	166	55	< 0.1	0.017	< 0.006	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98 [b]	**2800**	**430**	**1,800**	0.8	NA	NA	NA	NA	69	< 0.005	0.015	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98 [b]	**3900**	**479**	**2,000**	0.7	586	7	209	169	82	0.008	0.015	< 0.005	< 0.01	< 0.01	< 0.02	< 0.005	0.007	< 0.0002	< 0.005	< 0.01	0.08	NA
	12/24/98 [b]	**3610**	**400**	**2,100**	0.72	559	5.51	192	174	80	< 0.004	0.0184	< 0.002	0.0052	< 0.002	0.030	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99 [b]	**3700**	**400**	**2,000**	0.66	544	5.77	203	163	84	< 0.004	0.0177	< 0.002	0.0094	< 0.002	< 0.01	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-19	09/27/96 [b]	**3850**	**459**	**2,100**	0.82	981	5	226	240	196	< 0.05	0.01	< 0.005	< 0.01	< 0.01	NA	0.004	NA	< 0.0002	< 0.01	< 0.01	0.04	NA
	08/08/97 [b]	**3990**	**536**	**2,030**	0.88	622	11	170	252	122	0.01	0.01	< 0.005	< 0.01	< 0.01	0.08	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	NA
	11/01/97 [b]	**3920**	**430**	**1,880**	0.82	710 [d]	3.4	210	320 [d]	100	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	0.02	NA
	01/27/98 [c]	**3330**	**469**	**1,900**	0.9	620	5	196	285	97	< 0.1	0.009	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98 [b]	**3400**	**480**	**1,600**	1.0	NA	NA	NA	NA	96	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.14	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/13/98 [b]	**4000**	**443**	**2,000**	0.8	589	4	161	252	113	0.007	0.009	< 0.005	< 0.01	0.01	0.05	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	0.08	NA
	12/23/98 [b]	**3740**	**460**	**2,100**	0.84	582	3.3	169	261	104	< 0.004	0.0122	< 0.002	< 0.005	< 0.002	0.030	< 0.025	< 0.005	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/24/99 [b]	**3810**	**450**	**2,000**	0.84	540	3.7	169	268	105	< 0.004	0.0122	< 0.002	< 0.005	< 0.002	0.036	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-20	08/07/97 [b]	**3710**	**385**	**1,820**	1.65	617	< 5	135	239	200	< 0.01	0.04	< 0.005	< 0.01	0.02	**1.85**	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.05	NA
	11/03/97 [b]	**3710**	**290**	**1,950**	0.23	670 [d]	2.6	140	270 [d]	208	< 0.03	< 0.01	< 0.01	< 0.01	0.02	0.39	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	0.22	NA
	01/30/98 [c]	**3090**	**306**	**1,700**	2.8	680	3	137	238	155	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/29/98 [b]	**3000**	**310**	**2,400**	3.0	NA	NA	NA	NA	208	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.03	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
Dup (MW-24)	05/29/98 [b]	**3200**	**320**	**2,400**	3.0	NA	NA	NA	NA	198	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	0.09	< 0.05	< 0.005	0.0005	< 0.005	< 0.01	< 0.02	NA
	08/15/98 [b]	**3700**	**301**	**2,200**	2.2	673	4	130	214	242	0.007	0.006	< 0.005	< 0.01	< 0.01	0.26	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/28/98 [b]	**3620**	**310**	**2,100**	2.5	597	3.4	123	257	209	< 0.004	0.0107	< 0.002	< 0.005	< 0.002	0.238	< 0.025	0.0012	< 0.0002	< 0.010	< 0.003	< 0.01	NA
Dup (MW-28)	12/28/98 [b]	**3660**	**310**	**2,000**	2.5	598	3.3	119	258	210	< 0.004	0.0107	< 0.002	< 0.005	< 0.002	0.265	< 0.025	0.0043	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99 [b]	**3670**	**290**	**2,000**	2.5	582	3.7	125	236	213	< 0.004	0.0090	< 0.002	< 0.005	< 0.002	0.044	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00 [b]	**3780**	**310**	**2,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	< 0.001	NA	NA	NA	NA	NA
Dup (MW-31)	03/29/00 [b]	**3790**	**300**	**2,200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	< 0.001	NA	NA	NA	NA	NA
MW-21	08/07/97 [b]	**3960**	**436**	**1,790**	0.71	621	< 5	137	192	120	< 0.01	0.06	< 0.005	< 0.01	< 0.01	0.54	< 0.003	NA	< 0.0002	< 0.1	< 0.01	0.03	NA
	11/04/97 [b]	**3700**	**410**	**1,760**	0.36	810 [d]	4.0	190	260 [d]	118	< 0.03	0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	0.40	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/30/98 [c]	**3020**	**440**	**1,700**	< 0.1	654	4	153	199	88	< 0.1	0.029	< 0.005	< 0.01	< 0.01	0.21	< 0.05	**0.835**	< 0.0002	< 0.1	< 0.01	< 0.02	NA
Dup (MW-24)	01/30/98 [c]	**2600**	**437**	**1,700**	< 0.1	647	4	151	201	87	< 0.1	0.025	< 0.005	< 0.01	< 0.01	0.24	< 0.05	**0.798**	< 0.0002	< 0.1	< 0.01	0.03	NA
	05/28/98 [b]	**3000**	**450**	**2,100**	< 0.1	NA	NA	NA	NA	124	< 0.005	0.026	< 0.005	< 0.01	< 0.01	0.63	< 0.05	**1.51**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/15/98 [b]	**3400**	**408**	**1,900**	< 0.1	647	3	144	196	146	0.006	0.020	< 0.005	< 0.01	< 0.01	0.66	< 0.005	**1.34**	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/28/98 [b]	**3390**	**430**	**1,800**	0.03	566	3.3	134	209	138	< 0.004	0.0245	< 0.002	< 0.005	0.0024	0.704	< 0.025	**1.47**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/26/99 [b]	**3360**	**410**	**1,800**	< 0.01	548	3.4	138	192	139	< 0.004	0.0225	< 0.002	< 0.005	< 0.002	0.933	< 0.025	**1.32**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/29/00 [b]	**3440**	**470**	**1,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.98**	NA	**1.52**	NA	NA	NA	NA	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-22	08/07/97 [b]	**3630**	**377**	**1,780**	0.76	727	6	143	233	302	< 0.01	0.21	< 0.005	< 0.01	0.05	**16.5**	0.008	NA	< 0.0002	< 0.01	< 0.01	0.08	NA
	11/03/97 [b]	**3570**	**380**	**1,840**	0.85	780 [d]	3.6	160	290 [d]	132	< 0.03	0.04	< 0.01	< 0.01	< 0.01	**3.3**	< 0.03	0.07	< 0.0002	< 0.04	< 0.01	< 0.03	NA
	01/29/98 [c]	**2690**	**394**	**1,700**	0.9	660	4	130	218	85	< 0.1	0.007	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/28/98 [b]	**2700**	**410**	**2,200**	0.9	NA	NA	NA	NA	107	< 0.005	0.009	< 0.005	< 0.01	< 0.01	0.96	< 0.05	0.015	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	08/14/98 [b]	NA	NA	NA	NA	573	3	109	206	NA	0.006	0.036	< 0.005	< 0.01	< 0.01	0.41	< 0.005	0.025	0.0008	< 0.005	< 0.01	0.09	NA
	08/14/98 [c]	**3600**	**355**	**1,800**	0.6	642	2	129	236	125	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	0.08	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	12/27/98 [b]	**3390**	**390**	**1,900**	0.85	577	2.9	111	234	114	< 0.004	0.0118	< 0.002	< 0.005	< 0.002	0.305	< 0.025	0.0068	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99 [b]	**3380**	**380**	**1,800**	0.82	556	3.2	120	220	113	< 0.004	0.0087	< 0.002	< 0.005	< 0.002	0.043	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/28/00 [b]	**3500**	**420**	**2,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.028	NA	< 0.001	NA	NA	NA	NA	NA
MW-23D	08/06/97 [b]	**3800**	**344**	**1,980**	< 0.05	624	8	178	231	124	< 0.01	0.02	< 0.005	0.02	< 0.01	0.11	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	11/05/97 [b]	**3880**	**330**	**1,900**	< 0.05	600 [d]	3.5	215	300 [d]	128	< 0.03	0.02	< 0.01	< 0.01	< 0.01	0.38	< 0.03	0.11	< 0.0002	< 0.04	< 0.01	0.07	NA
	01/28/98 [c]	**3180**	**354**	**1,800**	< 0.1	612	7	183	246	88	< 0.1	0.020	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.141	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	05/27/98 [c]	**3000**	**350**	**1,800**	< 0.1	NA	NA	NA	NA	90	0.005	0.013	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	0.094	< 0.0002	< 0.1	< 0.01	< 0.02	NA
	08/11/98 [b]	**3800**	**337**	**2,200**	< 0.1	584	6	165	240	128	0.009	0.011	< 0.005	< 0.01	0.02	0.23	< 0.005	0.068	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/23/98 [b]	**3650**	**330**	**2,100**	0.03	581	3.6	177	240	127	< 0.004	0.0144	< 0.002	< 0.005	< 0.002	0.216	< 0.025	0.0783	< 0.0002	< 0.010	< 0.003	0.030	NA
	04/05/99 [b]	**3700**	**300**	**2,000**	0.04	551	3.8	162	208	128	0.0049	0.0162	< 0.002	< 0.005	< 0.002	0.29	< 0.025	0.0641	< 0.0002	< 0.020	< 0.003	< 0.01	NA
MW-24D	10/29/98 [c]	**3300**	**350**	**1,880**	< 0.1	NA	NA	NA	NA	157	0.009	0.015	< 0.005	< 0.01	NA	NA	< 0.005	NA	< 0.0002	< 0.005	< 0.01	NA	NA
	10/29/98 [b]	NA	NA	NA	NA	622	5	99.5	208	NA	< 0.005	0.026	< 0.005	< 0.01	0.01	**1.43**	< 0.005	**0.220**	< 0.0002	< 0.005	< 0.01	0.05	NA
	12/23/98 [c]	**3220**	**330**	**1800**	0.02	508	2.5	82.1	179	279	< 0.004	0.0172	< 0.002	< 0.005	0.0065	< 0.01	< 0.025	0.176	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/30/99 [b]	**3360**	**330**	**1800**	< 0.01	630	3.3	110	213	155	< 0.002	0.0183	< 0.002	< 0.005	< 0.002	0.698	< 0.025	**0.261**	< 0.0002	< 0.010	< 0.003	< 0.01	NA
MW-25D	10/29/98 [c]	**3000**	**340**	**2,470**	< 0.1	NA	NA	NA	NA	121	0.006	0.007	< 0.005	< 0.01	NA	NA	< 0.005	NA	< 0.0002	< 0.005	< 0.01	NA	NA
	10/29/98 [b]	NA	NA	NA	NA	596	4	162	161	NA	< 0.005	0.011	< 0.005	< 0.01	< 0.01	0.58	< 0.005	0.109	< 0.0002	< 0.005	< 0.01	0.03	NA
	12/23/98 [b]	**3450**	**320**	**2000**	0.01	584	4.00	168	160	122	< 0.004	0.0133	< 0.002	< 0.005	< 0.002	0.327	< 0.025	0.108	< 0.0002	< 0.010	< 0.003	0.011	NA
	03/30/99 [b]	**3510**	**310**	**2000**	< 0.01	589	4.38	167	158	121	< 0.002	0.0131	< 0.002	< 0.005	< 0.002	0.510	< 0.025	0.104	< 0.0002	< 0.010	< 0.003	< 0.010	NA

Table 4. Summary of Ground Water Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)									Metals (mg/L)												
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as $CaCO_3$)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
NMWQCC Standard:		1000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5
MW-26	10/29/98 [c]	**3500**	**320**	**2,080**	5.1	NA	NA	NA	NA	134	< 0.005	0.009	< 0.005	< 0.01	NA	NA	< 0.005	NA	< 0.0002	0.007	< 0.01	NA	NA
	10/29/98 [b]	NA	NA	NA	NA	650	5	132	215	NA	< 0.005	0.016	< 0.005	< 0.01	< 0.01	0.82	< 0.005	0.082	< 0.0002	< 0.005	< 0.01	< 0.02	NA
	12/27/98 [b]	**3780**	**300**	**2200**	4.4	607	4.06	128	237	159	< 0.004	0.0213	< 0.002	< 0.005	< 0.002	**1.13**	< 0.025	0.0347	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	03/25/99 [b]	**3770**	**290**	**2100**	4.6	578	4.22	135	213	130	< 0.004	0.0137	< 0.002	< 0.005	< 0.002	0.394	< 0.025	0.0165	< 0.0002	< 0.010	< 0.003	< 0.01	NA
	07/25/99 [b]	**3800**	**280**	**2100**	4.7	642	4.73	134	221	150	< 0.010	0.0322	< 0.002	< 0.005	< 0.002	**2.55**	< 0.025	0.0464	< 0.0002	< 0.010	< 0.003	0.013	NA
	03/28/00 [b]	**3810**	**330**	**2300**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.558	NA	0.0104	NA	NA	NA	NA	NA
MW-28	11/18/00 [b]	**2500**	**383**	**2030**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**49.7**	NA	**1.40**	NA	NA	NA	NA	NA
MW-29	11/19/00 [b]	**1810**	**405**	**735**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**129**	NA	**3.63**	NA	NA	NA	NA	NA
MW-30	11/18/00 [b]	**3260**	**385**	**1970**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**49.7**	NA	**1.38**	NA	NA	NA	NA	NA

NOTES:

[a] NA - A result for this constituent is not available

[b] Results represent total metals analysis

[c] Results represent dissolved metals analysis on samples filtered in the lab

[d] Analyte present in method blank

Table 5. Summary of Completion Details for Soil Borings Completed as Wells
Compressor Station No. 9 - Roswell, NM

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)[b]	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
SVE-1A	Layne/DBS	09/21/96	3,616.50	1,793.70	114.40	30	na	Flush Mount	2	20-30	19
SVE-2A	Layne/DBS	09/20/96	3,615.70	1,735.90	178.90	30	na	Flush Mount	2	20-30	17.5
SVE-3	Layne/DBS	09/16/96	3,614.51	1,881.00	176.60	62.3	na	Flush Mount	2	32.0-62.3	29.5
RW-1	???/Halliburton NUS	06/13/93	na	na	na	42.5	49.65	Flush Mount	na	na	na
MW-1	SH&B/Halliburton NUS	07/21/92	NA	2,001.40	217.60	68	na	Flush Mount	4	28-68	25.2
MW-1B	Layne/Halliburton NUS	04/21/93	3,609.96	1,854.00	265.50	65.5	64.65	Flush Mount	2	55-65	53
MW-2	Layne/Halliburton NUS	04/21/93	3,611.76	2,034.30	102.40	65	61.61	Flush Mount	2	55-65	53
MW-3	Layne/Halliburton NUS	04/26/93	3,614.87	1,629.77	265.23	72.5	na	Flush Mount	2	60-70	58
MW-5	Layne/Halliburton NUS	04/28/93	3,612.77	2,049.70	-150.96	70	na	Flush Mount	2	60-70	58
MW-6	Pool/DBS	12/01/94	3,618.62	1,607.40	-266.20	79	na	Flush Mount	2	59.9-74.9	57.1
MW-7	Harrison/DBS	08/22/95	3,599.20	2,118.00	328.40	70.5	na	Flush Mount	2	50-70	48.1
MW-8	Harrison/DBS	08/16/95	3,595.80	2,178.00	414.70	76.8	na	Flush Mount	2	59-74	57.2
MW-9	Harrison/DBS	08/18/95	3,599.35	2,071.40	512.90	70	na	Flush Mount	2	50-70	47.9
MW-10	Layne/DBS	09/10/96	3,617.85	1,804.76	0.14	74.5	na	Flush Mount	2	57-72	55.3
MW-11	Layne/DBS	09/16/96	3,613.31	2,046.04	-27.10	72	na	Flush Mount	2	54-69	51.5
MW-12	Layne/DBS	09/11/96	3,606.38	2,149.13	152.94	64	na	Flush Mount	2	44-64	42
MW-13	Layne/DBS	09/13/96	3,612.46	1,749.33	265.05	72	na	Flush Mount	2	57-72	55
MW-14	Layne/DBS	09/10/96	3,604.83	1,918.87	365.40	64.5	na	Flush Mount	2	49.5-64.5	48
MW-15	Layne/DBS	09/20/96	3,610.43	1,803.83	516.97	68.5	na	Flush Mount	2	38.5-68.5	37
MW-16	Layne/DBS	09/19/96	3,612.41	1,718.88	387.35	71.4	na	Flush Mount	2	46.4-71.4	45.5
MW-17	Layne/DBS	09/21/96	3,608.43	1,598.72	516.35	70	na	Flush Mount	2	53-68	50.9
MW-18	Layne/DBS	09/25/96	3,609.73	1,701.47	613.38	71	na	Flush Mount	2	54-69	51.6
MW-19	Layne/DBS	09/26/96	3,608.17	1,806.45	717.41	69.5	na	Flush Mount	2	54.5-69.5	51
MW-20	Layne/DBS	08/04/97	3,600.65	2,283.22	148.03	64	na	Flush Mount	2	46.8-61.8	43.9
MW-21	Layne/DBS	08/06/97	3,611.99	1,511.01	408.66	75	na	Flush Mount	2	54-74	51.7

Table 5. Summary of Completion Details for Soil Borings Completed as Wells
Compressor Station No. 9 - Roswell, NM

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)[b]	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
MW-22	Layne/DBS	08/04/97	3,606.04	2,187.66	26.69	68	na	Flush Mount	2	50-65	49
MW-26	GPI/CES	09/01/98	3,597.75	2,416.94	142.26	65	na	Flush Mount	2	43-63	41
MW-27	GPI/CES	09/02/98	3,615.11	1,332.63	433.96	75	na	Flush Mount	2	55-75	53
MW-28	GPI/CES	11/14/00	3,615.90	1,228.94	390.72	75	74.81	Flush Mount	2	60-75	58
MW-29	GPI/CES	11/18/00	3,613.54	1,237.26	542.28	75	74.45	Flush Mount	2	60-75	58
MW-30	GPI/CES	11/16/00	3,612.63	1,133.59	440.96	75	74.70	Flush Mount	2	60-75	58
MW-23D	GPI/CES	07/29/97	3,605.00	1,914.95	393.65	194	na	Flush Mount	4	167-187	164
MW-24D	GPI/CES	09/10/98	3,595.95	2,139.77	807.92	180	na	Flush Mount	4	146-176	143
MW-25D	GPI/CES	09/09/98	3,592.99	2,422.12	314.82	150	na	Flush Mount	4	119-149	117

NOTES:
(a) Driller/Consultant
(b) Survey by Wagener Engineering dated 5/6/98, 9/17/98, and 11/29/00

Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
Compressor Station No. 9 - Roswell, NM

	Analytical Requirements			
Well ID	1st Semiannual Event	2nd Semiannual Event	Total Benzene (ppb) Most recent event	Comments
MW-1	none	none	na	well pugged and abandoned
MW-1B	none	none	na	PSH in well
MW-2	none	none	na	PSH in well
MW-3	VOCs, TDS, Cl, & SO4	none	<1	clean perimeter well
MW-5	none	none	<1	clean; outside clean perimeter well
MW-6	none	none	<1	clean; outside clean perimeter well
MW-7	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	<1	clean perimeter well
MW-8	none	none	<1	clean; outside clean perimeter well
MW-9	none	none	<1	clean; outside clean perimeter well
MW-10	VOCs, TDS, Cl, & SO4	none	<1	clean; upgradient perimeter well
MW-11	VOCs, TDS, Cl, & SO4	none	<1	clean perimeter well
MW-12	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	80	COCs: benzene; elevated Fe & Mn
MW-13	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	139	COCs: benzene; elevated Fe & Mn
MW-14	VOCs, TDS, Cl, & SO4	none	<1	clean perimeter well
MW-15	VOCs, TDS, Cl, & SO4	none	<1	clean perimeter well
MW-16	none	none	na	PSH in well
MW-17	VOCs, TDS, Cl, & SO4	none	<1	clean perimeter well
MW-18	none	none	<1	clean; outside clean perimeter well
MW-19	none	none	<1	clean; outside clean perimeter well
MW-20	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	<1	COCs: DCA, DCE, TCA; elevated Fe & Mn
MW-21	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	1430	COCs: benzene; elevated Fe & Mn
MW-22	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	<1	COCs: DCE, TCA; elevated Fe & Mn
MW-23D	VOCs	none	<1	clean deep well
MW-24D	VOCs	none	<1	clean deep well
MW-25D	VOCs	none	<1	clean deep well
MW-26	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs	<1	COCs: DCE; elevated Fe & Mn
MW-27	none	none	na	PSH in well
MW-28	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs, PAHs,	<1	New wells sampled quarterly for VOCs & PAHs and annually for TDS, Cl, SO4, Fe & Mn
MW-29	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs, PAHs,	590	New wells sampled quarterly for VOCs & PAHs and annually for TDS, Cl, SO4, Fe & Mn
MW-30	VOCs, TDS, Cl, SO4, Fe & Mn	VOCs, PAHs,	<1	New wells sampled quarterly for VOCs & PAHs and annually for TDS, Cl, SO4, Fe & Mn

Notes:
1) nd - non-detect
2) na - not available; sample not collected or analysis not requested
3) VOCs - Volatile Organic Compounds by EPA Method 8260
4) PAHs - by EPA Method 8270 (including monomethylnapthalene isomers 1- & 2-)

Table 7. Summary of Analytical Results for Phase V Assessment Soil Samples
Compressor Station No. 9 - Roswell, NM

Sample ID	Sampling Date	TPH (mg/kg)	VOC's (ug/Kg)	SVOC's (ug/Kg)	Metals (mg/Kg)																	
					Silver	Aluminum	Arsenic	Barium	Beryllium	Cadmium	Cobalt	Chromium, Hexavalent	Chromium, Total	Copper	Mercury	Nickel	Lead	Antimony	Selenium	Tin	Thallium	Vanadium	Zinc
MW-28 (60-62')	11/14/00	ND	all ND	all ND	< 1.00	11200	1.75	85.8	< 0.500	< 0.500	3.23	NA	9.19	6.27	< 0.250	8.46	< 10.0	< 0.500	< 0.500	< 10.0	< 0.500	24.2	29.9
MW-29 (65-67')	11/18/00	ND	all ND	all ND	< 1.00	18700	3.02	246	< 0.500	< 0.500	4.43	NA	14.8	9.37	< 0.250	11.4	11.3	< 0.500	< 0.500	< 10.0	< 0.500	29.3	40.4
MW-30 (65-67')	11/16/00	ND	all ND	all ND	< 1.00	8100	2.15	224	< 0.500	< 0.500	2.73	NA	6.01	5.46	< 0.250	7.71	< 10.0	< 0.500	< 0.500	< 10.0	< 0.500	18.0	24.2

Notes:

all ND - Results were Non-Detect for all VOC's by Method 8260 and for all SVOC's by Method 8270

NA - An analytical result for this constituent was not reported by the laboratory

TPH for samples 11/00 were run by NW TPH-Gx and Dx methods

Annual Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Roswell Compressor Station

Attachment #1

Soil Boring Logs and State Well Completion Reports

Cypress Engineering Services

Boring ID: MW-28

Monitor Well Drilling & Installation

Project: Enron/Texaco Roswell Station 9
Location: Station 9
Client: CES
Driller: GPI, Amado Hinojosa, Jimmy, Sig Isidro
Drilling method: HSA, Mobil Drl B-61
Boring date: 11/14/00
Water level:

Sheet: 1 of 2
Job number:
Total depth: 75'
Boring diameter: 8" O.D. / 4 1/4" I.D. Auger
Logged by: CMB
Date measured:

depth (ft)	SAMPLE interval	SAMPLE number	SAMPLE recovery (inches)	standard penetration test results	SOIL DESCRIPTION: Color, soil type, relative density or consistency, mineralogy. USGS classification moisture content	graphic log	COMMENTS: Monitoring well installation, geotechnical properties, analytical tests, instrumentation
					0-12': Sand, Silt, Cobbles, gravel. 30% gravel. Tan brown Sand /silt. Spt: Blows 71/2 foot.		All readings with Hnu PID field Calibrated to 100 PPM Isobutylene. (GM)
10	10-12		18"	71 spt Blows.	Split Spoon 10'-12': 12'-22': Tan to brown Sand, Silt, gravel. To 2". 40%. Split Spoon: 20'-22': 300 spt Blows		10'-12': PID Reading N.D. (Non-detect) (GM)
20	20-22		12"	300 spt Blows.	22'-32': Red. Clayey Sand. Slight plasticity Split Spoon 30'-32': 80 spt Blows		20'-22': PID Reading N.D. (GM) @29' Red Clayey Sand.
30	30-32'		24"	80 spt Blows.	Red clayey Sand. plastic. / fat clay. 80 spt Blows. Clay 60% Split Spoon 40'-42': 110 spt Blows.		Clay fraction 60%. 30'-32': PID Reading N.D. (CL) Sand / Red Clayey.
40	40-42'		24"	110 spt Blows.	Red / Clayey Sand decrease in clay fraction. Clay 20% Sand: med. gr. well sorted. Split Spoon 50'-52': 120 spt Blows.		decrease in clay fraction 40'-42': PID Reading N.D. (CL)
50	50-52'		24"	120 spt Blows	Red fine to med. gr. well sorted clayey Sand. Clay 20-30% -		50'-52': PID Reading 2.5 ppm. (CL)
60	60-62'	MW28 60'-62'		139 spt Blows	Split Spoon: 60'-62': Red fine to med gr. Sand. Clay 10%. Red clay / Sand. No staining or odor.		Sampled 2/4oz Glass Jars / No Preservative @ 12:45 Appears clean / No odor or staining 60'-62': PID Reading N.D.

Cypress Engineering Services

Boring ID: MW-28

Monitor Well Drilling & Installation

Project: Exxon/Twp Roswell Station 9
Location: Station 9
Client: CES
Driller: GPI, Amador Hinojosa, Jimmy Isidro
Drilling method: HSA, Mobile Drill B-61
Boring date: 11/14/00
Water level: 65.91' BGS

Sheet: 2 OF 2
Job number:
Total depth: 75'
Boring diameter: 8" O.D./4¼" I.D. Augers
Logged by: CMB
Date measured: 11/14/00

depth (ft)	SAMPLE interval	SAMPLE number	SAMPLE recovery (inches)	standard penetration test results	SOIL DESCRIPTION Color, soil type, relative density or consistency, mineralogy, USGS classification moisture content	graphic log	COMMENTS Monitoring well installation, geotechnical properties, analytical tests, instrumentation
					Red Clayey Sand. fine to med. gr. sand. Well sorted. Wet?		(CL) PID Reading 70'-72': N.D.
70'	70'-72'		24"	13 7 SPT blows	Split Spoon: 70'-72': 137 Blows: Gravelly Red Sand. Wet! — Gravel, pea sized, to 40%. Mixed with Red Clayey Sand.		Gravel in split Spoon. No odor or staining - (GC) T.D. 75' 0.010 slot screen 75'-60' Top Sand 58' Top of Bentonite 56'
80.							

Hw 65.91' BGS

Cypress Engineering Services

Boring ID: MW-29 (A & B)

Monitor Well Drilling & Installation

Project: Enron/Twp Roswell Station #9
Location: Station 9
Client: CES
Driller: GPI, Amador Hinojosa, Jimmy, Israel
Drilling method: HSA, Mobil Drl B-61
Boring date: 11/15/00
Water level:

Sheet: 1 OF 2
Job number:
Total depth: 75' 34.5
Boring diameter: 8" O.D. / 4¼" I.D.
Logged by: CMB
Date measured:

depth (ft)	SAMPLE interval	number	recovery (inches)	standard penetration test results	SOIL DESCRIPTION Color, soil type, relative density or consistency, mineralogy, USGS classification moisture content	graphic log	COMMENTS Monitoring well installation, geotechnical properties, analytical tests, instrumentation
					0-5': White Tan Sand, Silt, Gravel, Cobbles, caliche. GM		All Readings With HNu PID. Field calibrated to 100 PPM Isobutylene.
10	10'-12'		24"	34/1 SPT Blows	10'-12': Rec. 2.0' 34/4" Blows. Gravel, Sand, Silt. Caliche.		10'-12': PID reading N.D. (Non-detect)
20	20-22		3"	42/5 SPT Blows	Hard drilling - cobbles & gravel. — Harder drilling 25.5-27. Cobbles?		20'-22': PID Reading 2.5 ppm.
30	30-32	1	6"	300/5 SPT Blows	6" - Hard Rec. 6" @ 30'-31' Tan brown Sand Silt mixed with 40% gravel & cobble. 31'-34.5' Rock - Burned up		30'-32': PID Reading N.D. Bedrock? Conglomerate.
40	40-42			6 PT Blows	~~Hole~~ Bit & Ruined 1 Auger - Abandoned Location @ 14:33 and		
50	60-52'			5 PT Blows	moved Hole South 10'. — Same as above.		
60	60'-62'			SPT Blows	abandoned @ 30'		

Cypress Engineering Services

Boring ID: MW-29(c)

Monitor well Drilling & Installation

Project: Enron/Twp Roswell Station #9
Location: Roswell Station 9 (50' east of original proposed location)
Client: CES
Driller: GPI, Amador Hinojosa, Jimmy, Isidro-
Drilling method: HSA., Mobil Dri; B-61
Boring date: 11/17/00 - 11/18/00
Water level:

Sheet: 1 of 2
Job number:
Total depth: 75'
Boring diameter: 8" O.D., 4 1/4" I.D.
Logged by: CMB.
Date measured:

depth (ft)	SAMPLE interval	SAMPLE number	SAMPLE recovery (inches)	standard penetration test results	SOIL DESCRIPTION: Color, soil type, relative density or consistency, mineralogy, USGS classification moisture content	graphic log	COMMENTS: Monitoring well installation, geotechnical properties, analytical tests, instrumentation
					0'-5': white to Tan brown Sand, Silt gravel Cobbles, & caliche.	(GM)	FID 10'-12': PPM-0
10	10'-12'		24"	319 SPT Blows	Sand, Silt, gravel, cobbles. Gravel 40%. Tan brown sand & Silt	(GM)	FID 20'-22': ~~PPM~~ -1.5 PPM-
20	20'-22'		6"	400 SPT Blows	Sand, Silt, gravel- Cobbles, Gravel 40-50% Tan brown sand & Silt.	(GM)	FID 30'-32'. PPM - 0.6
30	30'-32'		2.5"	300 SPT Blows	Bedrock - Conglomerate with rounded Cobbles to 2" 30'-32.5', Used Air Rotary to Drill through. @ 32.5 Red clayey Sand.		30'-32.5 - Hard Conglomerate. Cobbles to 2", Hard Caliche Cemented matrix SW/CL PPM-
40	40'-42'		24"	69 SPT Blows	Clayey Sand. 80% Clay. Red. Tan. - Sand 20%		FID: 40'-42': CL/SW. PPM-0.4
50	50'-52'		24"	117 SPT Blows	Red fat clay with 10-20% Sand		Fat Clay 50'-52' FID. 50'-52': CL/SW PPM- 0.2
60	60'-62'		24"	106 SPT Blows			

CORED 30'-32.5

Cypress Engineering Services

Boring ID: MW-29 (C)

Monitor well Drilling & Installation

Project: Enron/Twp Roswell Station 9 Sheet: 2 OF 2
Location: Roswell Station 9 (50' East of proposed infield location)
Client: CES Job number:
Driller: GPI, Amador Hinojosa, Jimmy, Isidro. Total depth: 75'
Drilling method: HSA, Mobil Drill B-61 Boring diameter: 8" O.D. 4¼ I.D
Boring date: 11/15/00 11/17/00. - 11/18/00. Logged by: CMB
Water level: Date measured:

depth (ft)	SAMPLE interval	SAMPLE number	SAMPLE recovery (inches)	standard penetration test results	SOIL DESCRIPTION Color, soil type, relative density or consistency, mineralogy, USGS classification moisture content	graphic log	COMMENTS Monitoring well installation, geotechnical properties, analytical tests, instrumentation
Wet!	65'-67'	~~3~~	~~4~~ 4"	12 Spt Blows	Red Clayey Sand. 70%. Clay 30%. Sampled @ 7:30 65'-67' Red clayey Sand 20%-80% Fat clay — High plasticity		Clayey Sand SW/CL FID 65'-67': =0.0 ppm CH - Fat Clay Wet 65'-67'
70'	70'-72'		24"	~~12~~ 19 Spt Blow	@68' Red Clayey Sand Faster Drilling		FID: 70'-72': 0.0 ppm.
T.D. 75'	75'-77'		24"	209 Spt Blws.	Slower Drilling @ 74' Red clayey Sand.		T.D. 75' FID: 75'-77': 0.0 ppm. 0.010 SLOT SCREEN
80'							75'-60' Top SAND 58' Top of Bentonite 56'

Cypress Engineering Services

Boring ID: MW-30

Monitor Well Drilling & Installation

Project: Exxon/Twp Roswell Station #9
Location: Station 9
Client: CES
Driller: GPI, Amador Hinojosa, Jimmy, Isidro
Drilling method: HSA, Mobile Drill B-61
Boring date: 11/16/00
Water level:

Sheet: 1 of 2
Job number:
Total depth: 75'
Boring diameter: 8" O.D./4 1/4" I.D.
Logged by: CMB
Date measured:

depth (ft)	SAMPLE interval	SAMPLE number	SAMPLE recovery (inches)	standard penetration test results	SOIL DESCRIPTION Color, soil type, relative density or consistency, mineralogy, USGS classification moisture content	graphic log	COMMENTS Monitoring well installation, geotechnical properties, analytical tests, instrumentation
					0'-12': Tan brown Sand Silt, Gravel, and cobbles to 2" Gravel 40%		GM
10'	10'-12'		22"	342 Spt Blows.	12'-22': Tan brown Sand, med to fine gr. well sorted, Silt, and 40% Gravel / cobbles to 2"		10'-12': FID = PPM-0 GM
20'	20'-22'		8"	400 Spt Blows	20'-22': 400 Spt Blows 26'-27' - Clay - . Fat clay mixed with red. (40% clay)		20'-22' FID: = PPM-0 GM Fat Clay? (CH) CL/SW
30'	30'-32'		20"	108 Spt Blow'	clayey sand. - 60%.		30'-32': FID - PPM-0 CL/SW
40'	40-42'		20"	99 Spt Blows	Split Spoon: 40'-42': 99 Spt Blows - Red. Clayey Sand - clay 70% Sand 30%		40'-42': FID = PPM-0 CL/SW
50'	50'-52'		20"	118 Spt Blows	Split Spoon. 50'-52': 118" Red clayey Sand. 50% clay		50-52' FID = PPM-0 CL/SW
60'	60'-62'			168 Spt Blows			

Cypress Engineering Services

Boring ID: MW-30

Monitor Well Drilling & Installation

Project: Enron/Twp Roswell Station #9
Location: Station 9
Client: CES
Driller: GPI, Amador Hinojosa, Jimmy, Isidro
Drilling method: HSA, Mobil Drill B-61
Boring date: 11/16/00
Water level:

Sheet: 2 of 2
Job number:
Total depth: 75'
Boring diameter: 8" O.D. / 4 1/4" I.D.
Logged by: CMB
Date measured:

depth (ft)	SAMPLE interval	SAMPLE number	SAMPLE recovery (inches)	standard penetration test results	SOIL DESCRIPTION Color, soil type, relative density or consistency, mineralogy, USGS classification moisture content	graphic log	COMMENTS Monitoring well installation, geotechnical properties, analytical tests, instrumentation
					Red well Graded Sand - <10% clay - med to fine gr. well sorted.		60'-62' F.I.D = SW PPM-0
	65'-67'		24"	73 spt blows	Split Spoon: 65'-67' @ 12:45 Sent Sample to Lab for Analysis		65'-67' F.I.D = PPM-0
70'							
	70-72		24"	65 spt blows	@ 70' Fat Clay: plastic		@ 70' - 72' F.I.D = CH PPM-0
T.D. 75'	75-77		24"	74 spt blows	Fat Clay - 70'-75' 80% clay 20% Red clayey Sand. Split Spoon 75'-77'		SW/CL/CH
80'					75'-77' - Clayey Sand - mixed with Fat clay - 50%		T.D. 75'
							0.010 Slot screen 75'-60': Top of Sand: 75'-58' 8/16 Sand. - 58' Top of Bentonite 58'-56'
							75'-77' F.I.D = PPM-0

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Transwestern Pipeline Co. Owner's Well No. MW30
Street or Post Office Address 6381 N. Main St.
City and State Roswell New Mexico 88201

Well was drilled under Permit No. _____ and is located in the:

a. SE ¼ SW ¼ ____ ¼ ____ ¼ of Section 21 Township 9 South Range R24E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Geoprojects International, Inc. License No. WD 1311

Address 8834 Circle Drive Austin TX 78736

Drilling Began 11/16/00 Completed 11/16/00 Type tools Hollow Stem Auger Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 75 ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	0.716	2	0	60	60	SCH 40 PVC Riser	N/A	N/A
2	0.716	2	60	75	15	SCH 40 PVC Screen	60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	56	8"	10 sks	17.82	Cement Pumped from surface
56	58	8"	1 sk	.63	Bentonite Surface Drop
58	75	8"	10 sks	5.4	Sand Surface Drop

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:
_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	5	5	Sand silt, gravels, caliche, white tan brn
10	20	10	Sand silt, gravels, cobbles, tan brown
			Sand & silt, 40 gravels
20	30	10	Sand, silt, gravels, cobbles,
			40-50% gravel, tan brown sand & silt
30	32.5	2.5	Bedrock
32.5	50	17.5	Clayey sand, red tan
50	60	10	Red Fat Clay w/ Sand
60	75	15	Red clayey Sand, wet

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Transwestern Pipeline CO. Owner's Well No. MW-29B
Street or Post Office Address 6381 N Main St.
City and State Roswell New Mexico 88201

Well was drilled under Permit No. _____ and is located in the:

a. SE ¼ SW ¼ ____ ¼ ____ ¼ of Section 21 Township 9 South Range R24E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Geoprojects International Inc. License No. WD 1311

Address 8834 Circle Drive Austin TX 78736

Drilling Began 11/15/00 Completed 11/15/00 Type tools Hollow Stem Auger Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 30 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	*Description of Water-Bearing Formation*	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
0	30	8	6 Sks	10.47	Surface Drop

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	30	30	Sand, silt, gravel, cobbles + caliche white - tan brown

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Transwestern Pipeline Co. Owner's Well No. MW-29A
Street or Post Office Address 6381 North Main St.
City and State Roswell New Mexico 88201

Well was drilled under Permit No. _____ and is located in the:

a. SE ¼ SW ¼ ____ ¼ ____ ¼ of Section 21 Township 9 South Range 27E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Geoprojects International, Inc. License No. WD 1311

Address 8834 Circle Drive Austin TX 78736

Drilling Began 11/15 Completed 11/15 Type tools Hollow Stem Auger Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well _____ ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
0	34.5	8	7 sks	12	surface grout

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	5	5	Sand, silt, gravel, cobbles + caliche, white - tan brown
10	30	20	Sand, silt, gravel, cobbles, tan brown

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Transwestern Pipeline Co. Owner's Well No. MW 29
Street or Post Office Address 6381 North Main St.
City and State Roswell New Mexico 88201

Well was drilled under Permit No. _____ and is located in the:

a. SE ¼ SW ¼ ____ ¼ ____ ¼ of Section 21 Township 9 South Range 27 E N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Geoprojects International, Inc. License No. WD 1311

Address 8834 Circle Drive Austin, TX 78736

Drilling Began 11/17/00 Completed 11/18/00 Type tools Hollow Stem Auger Size of hole 8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 75 ft.

Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	0.716	2	0	60	60	Riser SCH 40 PVC	N/A	N/A
2	0.716	2	60	75	15	Screen .010 SCH 40 PVC	60	75

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	56	8"	10 sks	17.82	Cement Pumped from Surface
56	58	8"	1 sk	.63	Bentonite Surface Drop through HSA
58	75	8"	10 sks	5.4	Sand Surface Drop through HSA

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. _____ Use _____ Location No. _____

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	5	5	Sand, silt, gravel, cobbles & caliche, white - tan
10	20	10	Sand, silt, gravel, cobbles, Tan brown sand & silt, 40% gravel
20	30	10	Sand, silt, gravel, cobbles, 40-50% gravel, tan brown sand & silt
30	32.5	2.5	Bedrock
32.5	50	17.5	Clayey sand, Red tan
50	60	10	Red Fat clay w/ sand
60	75	15	Red clayey sand, wet

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

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Annual Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Roswell Compressor Station

Attachment #2

Laboratory Reports for Groundwater Sampling Events