

GW-052

**MONITORING
REPORTS**

DATE:

April 2005

GW52

Transwestern Pipeline Company

1331 Lamar Street, Ste 650

Houston, TX 77010

713-646-7644

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April 19, 2005

APR 20 2005

Mr. Glenn von Gonten
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Oil Conservation Division
Environmental Bureau

RE: Report of Groundwater Remediation Activities
Roswell Station Remediation Site
Chavez County, New Mexico

Enclosed for your review is the Report of Groundwater Remediation Activities for the Roswell Station remediation site. This report includes the results of recent groundwater assessment and remediation work completed at the site.

If you have any questions or comments regarding this report, please contact me at (713) 646-7644 or George Robinson at (713) 345-1537.

Sincerely,



Bill Kendrick
Senior Director, Environmental Affairs
Transwestern Pipeline Company

xc w/enclosures:

Tim Gum

Larry Campbell

George Robinson

OCD Artesia District Office

Transwestern Pipeline Company

Cypress Engineering

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APR 20 2005

**Oil Conservation Division
Environmental Bureau**

Annual Report of Groundwater Remediation Activities

**Transwestern Pipeline Company
Roswell Station Remediation Site
Chaves County, New Mexico**

**Submitted to:
New Mexico Oil Conservation Division**

April 14, 2005

**Prepared For:
Transwestern Pipeline Company
6381 North Main Street
Roswell, NM 88201**

**Prepared by:
Cypress Engineering Services, Inc.
7171 Highway 6 North, Ste. 102
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LIST OF ATTACHMENTS

- 1 Laboratory Reports for Soil Vapor Samples (on CD ROM)
- 2 Laboratory Reports for Irrigation Water Samples (on CD ROM)
- 3 Laboratory Reports for Groundwater Samples (on CD ROM)

1. Groundwater Monitoring Activities

1.1 Semiannual Groundwater Sampling Events

Two semiannual sampling events have been completed since the last report of groundwater remediation activities. These events were completed on March 23, 2004 and September 8, 2004.

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 is presented in Tables 1 and 2.

In the course of each sample event, groundwater samples were collected from selected monitor wells at the site. As a matter of standard operating procedure, samples were not collected from monitor wells with accumulated PSH in the well casing. A summary of field measured groundwater quality parameters obtained in the course of sampling is presented in Table 3. An updated summary of laboratory results for organic compounds is presented in Table 4. A summary of laboratory results for inorganic constituents is presented in Table 5.

A copy of the laboratory reports for the two semiannual groundwater sampling events and the additional sampling events are included as an Attachment.

1.2 Results/Conclusions from Groundwater Sampling Events

1.2.1 Occurrence and Direction of Groundwater Flow

A water table elevation map based on measurements obtained on September 8, 2004 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. 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.

1.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in 19 wells and the absence of PSH in all other wells. The thickness of accumulated PSH in wells is presented in Tables 1 and 2. A figure indicating the estimated area with PSH present at the water table is included as Figure 3.

On December 22, 2004, vapor samples were collected from each of the remediation system wells and delivered to a laboratory for analysis for total petroleum hydrocarbons (TPH) by method 8015mod (GRO). The results from laboratory analyses are presented in Table 9 and in Figures 7 and 8. The area defined by elevated concentrations of TPH in soil vapor corresponds well with the area defined by PSH measured in wells.

On March 2, 2004, December 15, 2004 and December 22, 2004, vapor samples were collected from each of the five remediation system circuits and delivered to a laboratory for analysis for total petroleum hydrocarbons (TPH) by method 8015mod (GRO). The concentrations of TPH

found in each circuit correspond well with the area defined by the individual well analyses. The results from laboratory analyses are presented in Table 8 and Figure 9.

1.2.3 Condition of Affected Groundwater

The primary constituent of concern is benzene. Additional constituents of concern are 1,1,1-trichloroethane, 1,1-dichloroethane, and 1,1-dichloroethene. A diagram indicating the distribution of these constituents in groundwater is included as Figure 4. Only three organic constituents, benzene, 1,1-dichloroethane and 1,1-dichloroethene have been measured at concentrations above NMWQCC standards.

2. Status of Remediation Activities

2.1 Remediation Activities Completed in 2004

The following remediation activities were completed during 2004:

- 1) Two routine semiannual groundwater sampling events were completed on March 23, 2004 and September 8, 2004.
- 2) The SVE system operated continuously during the year except for temporary shut-downs requiring maintenance.
- 3) Soil vapor samples were collected from each of the SVE circuits on March 2, 2004, December 15, 2004 and December 22, 2004.
- 4) Soil vapor samples were collected from each of the MPE wells on December 22, 2004.
- 5) The groundwater recovery and irrigation system was started-up for continuous operation on April 15, 2004. The system operated continuously from April 15, 2004 through November 19, 2004 except for temporary shut-downs requiring maintenance. The groundwater recovery and irrigation system was shut-down on November 19, 2004 due to cold weather and remained shut-down for the remainder of 2004. A total of 251,500 gallons (5,988 bbls) of groundwater was recovered, treated and irrigated on-site during 2004.
- 6) Seven routine monthly irrigation water sampling events were completed during the period that the groundwater recovery and irrigation system was in operation. An irrigation water sample was not collected in the month of June 2004 due to the system being shut-down from June 4-22 for maintenance of the GAC filter units.

2.2 Current Status of Remediation Activities

The SVE component of the remediation system is currently in operation and has been in operation since the start of 2005. The groundwater recovery, treatment, and irrigation component of the system is currently in operation and has been in operation since being restarted on March 8, 2005.

2.3 Remediation Activities Planned for 2005

The SVE system is expected to operate continuously through December 2005. The groundwater recovery system is expected to operate through late November 2005 when it will be shut-down for the winter months. Routine operation and maintenance of the system will continue throughout 2005.

3. Proposed Modifications

3.1 Proposed Modifications to the Remediation System

3.1.1 Physical Modifications to the System

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

3.1.2 Operational Modifications to the System

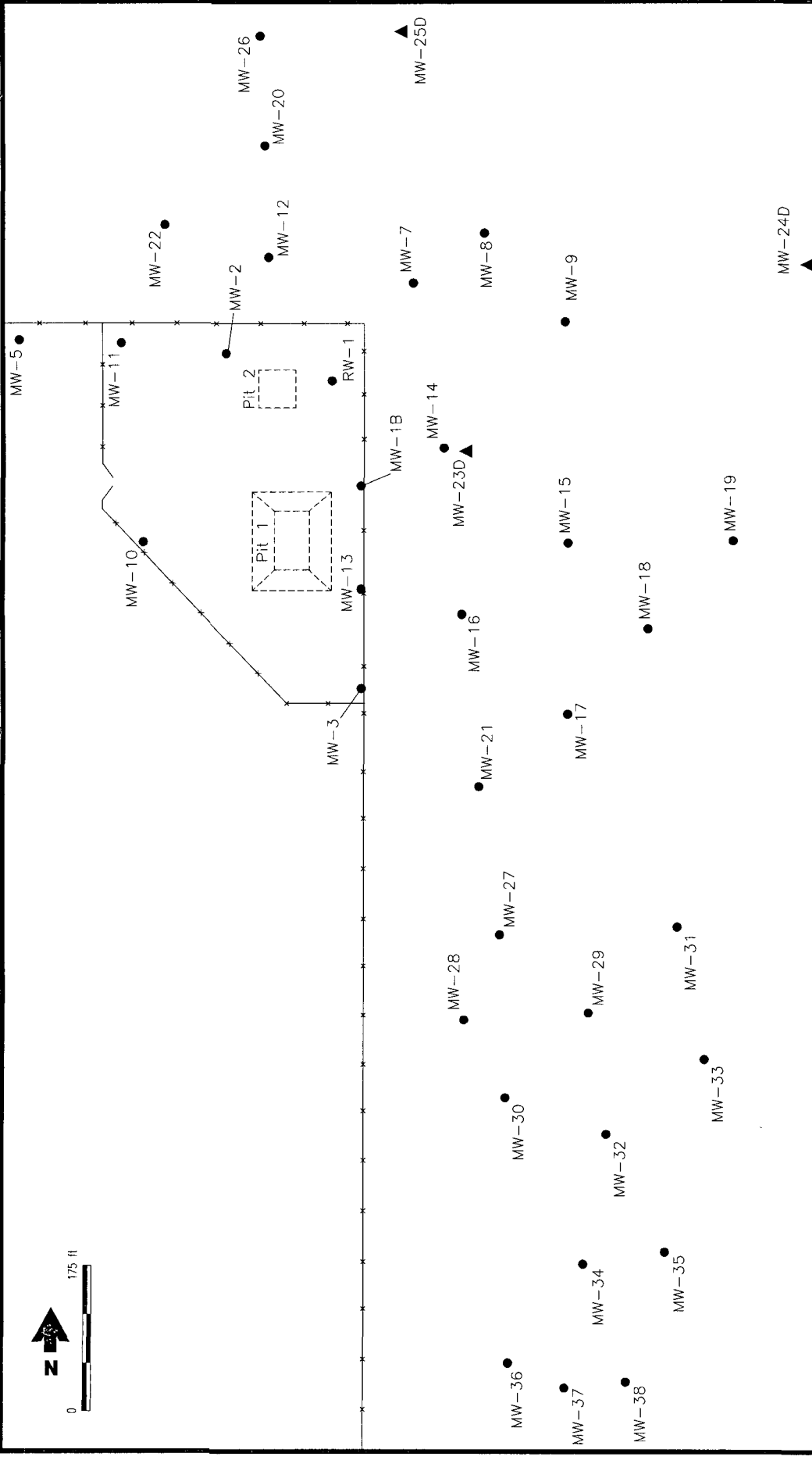
There are no proposed operational modifications to the remediation system at this time.

3.2 Proposed Reporting Frequency

Annual reporting will continue with the next scheduled report submitted to the NMOCD by March 31, 2006.

4. Progress Toward Project Completion

The Phase I and Phase II components of the remediation system have been installed and are in operation as described in the "Conceptual Remedial Design and Discharge Plan Modification" document dated September 10, 2002. The SVE component of the system has been in operation since March 2003 and the groundwater recovery system has been in operation since April 2004. Based upon a review of sample results and recovery rates, it appears that the remediation system has been effective at removing petroleum hydrocarbons from contaminated soil and groundwater, however, the remediation system has not operated for a long enough period of time to observe a significant decline of contaminant concentrations in groundwater samples. As a result, it is too early to comment on the overall effectiveness of the system, but sufficient information should be available by the end of 2005 and an evaluation of system performance will be included in the next annual report of remediation activities.

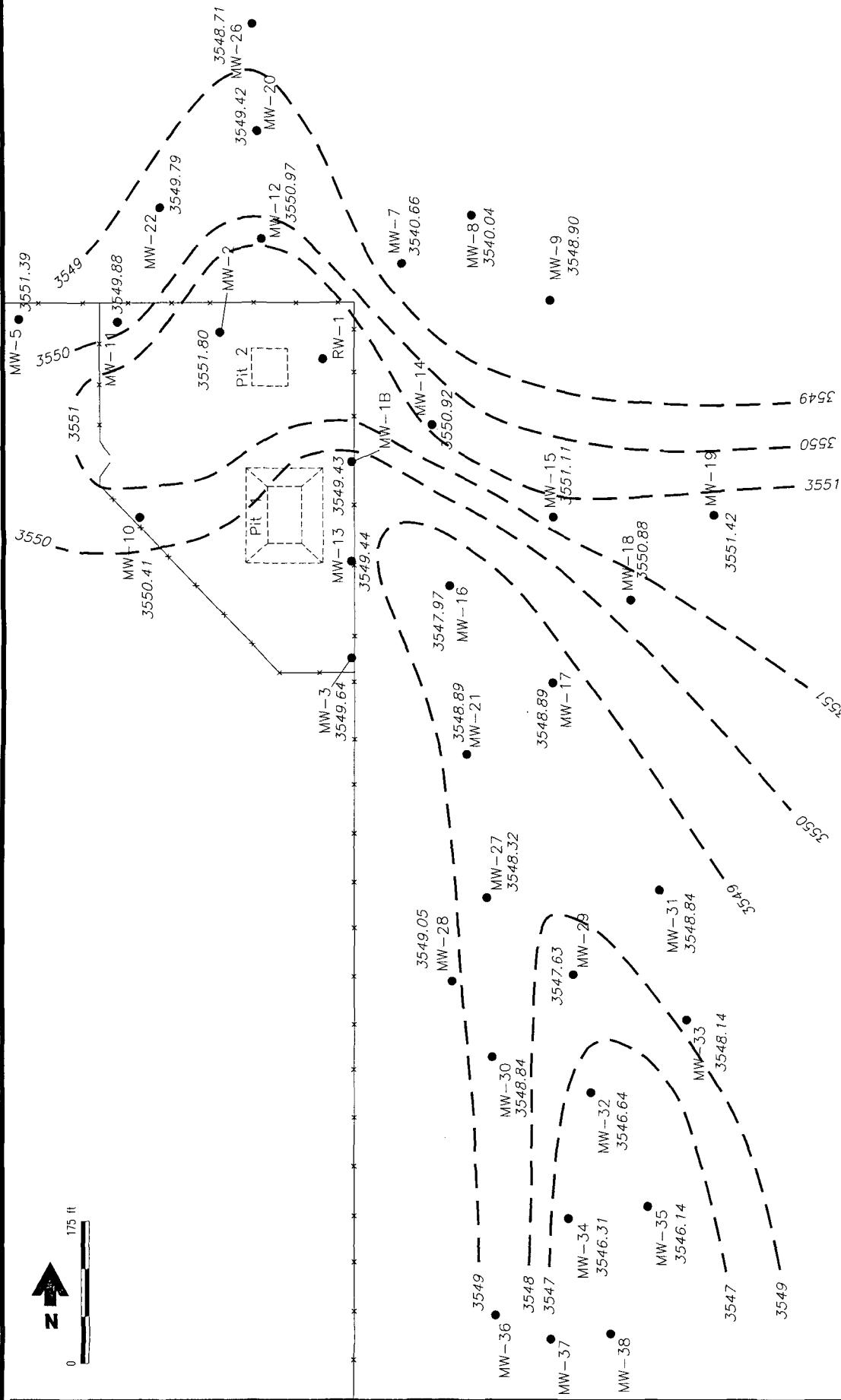


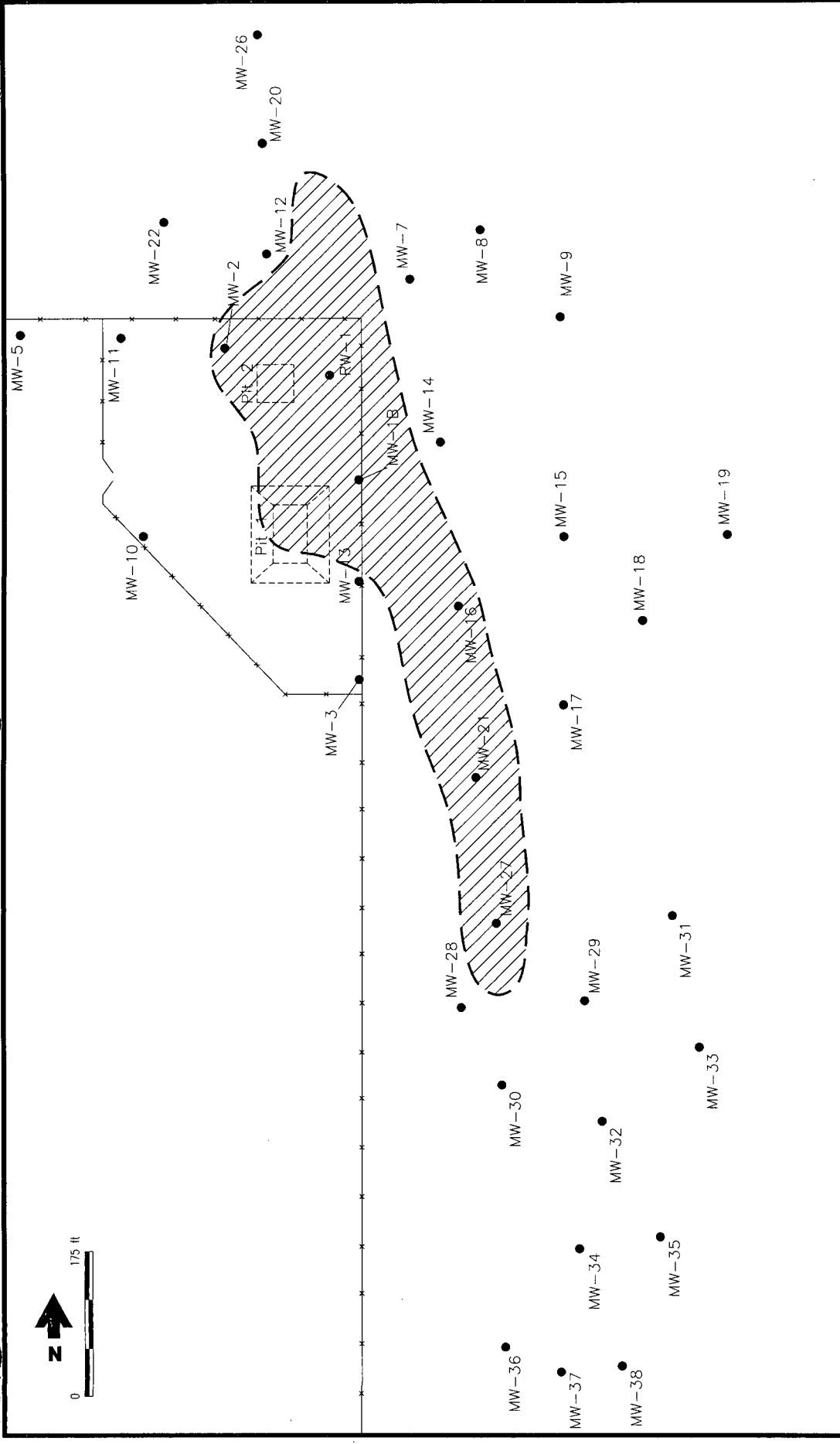
LEGEND

- Monitor well
- ▲ Deep monitor well
- Multiphase Extraction Well
- ⊙ MPE & Soil Vapor Extraction Well Cluster

ROS WELL STATION REMEDIATION SITE

Monitor Well Locations





LEGEND

● Monitor well

▲ Deep monitor well

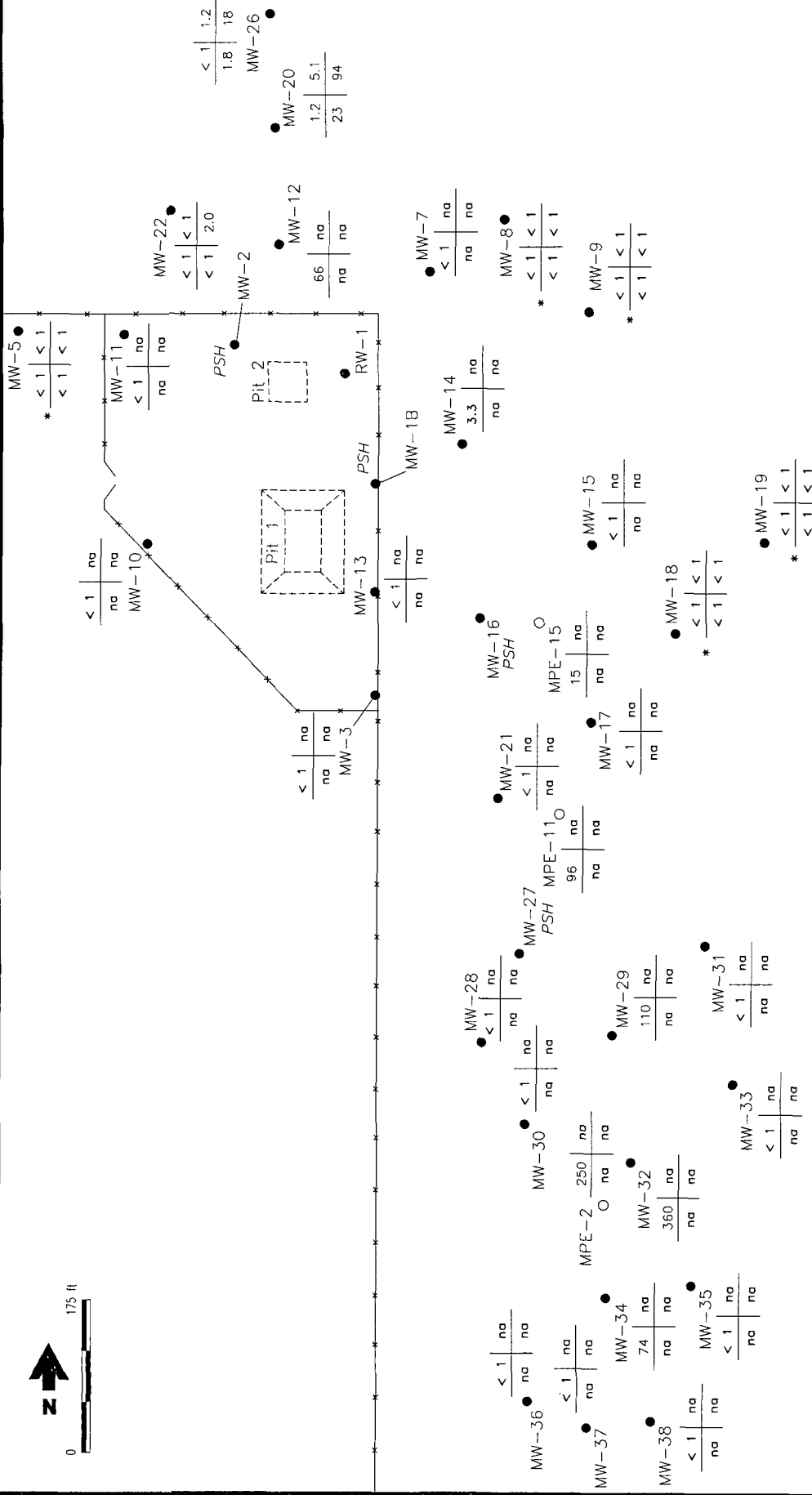
○ Multiphase Extraction Well

⊙ MPE & Soil Vapor Extraction Well Cluster

ROSWELL STATION REMEDIATION SITE

Distribution of PSH on Groundwater

SEPTEMBER 08, 2004



ROSSELL STATION REMEDIATION SITE Distribution of Dissolved Phase Organics in the Uppermost Aquifer

SEPTEMBER 08, 2004



***Circuit E consists of the
9 shallow SVE wells**

**Circuit C
(8 wells)**

**Circuit D
(8 wells)**

**Circuit A
(11 wells)**

**Circuit B
(10 wells)**

LEGEND



Monitor well



Deep monitor well



Multiphase Extraction Well



MPE & Soil Vaper Extraction Well Cluster

ROSWELL STATION REMEDIATION SITE

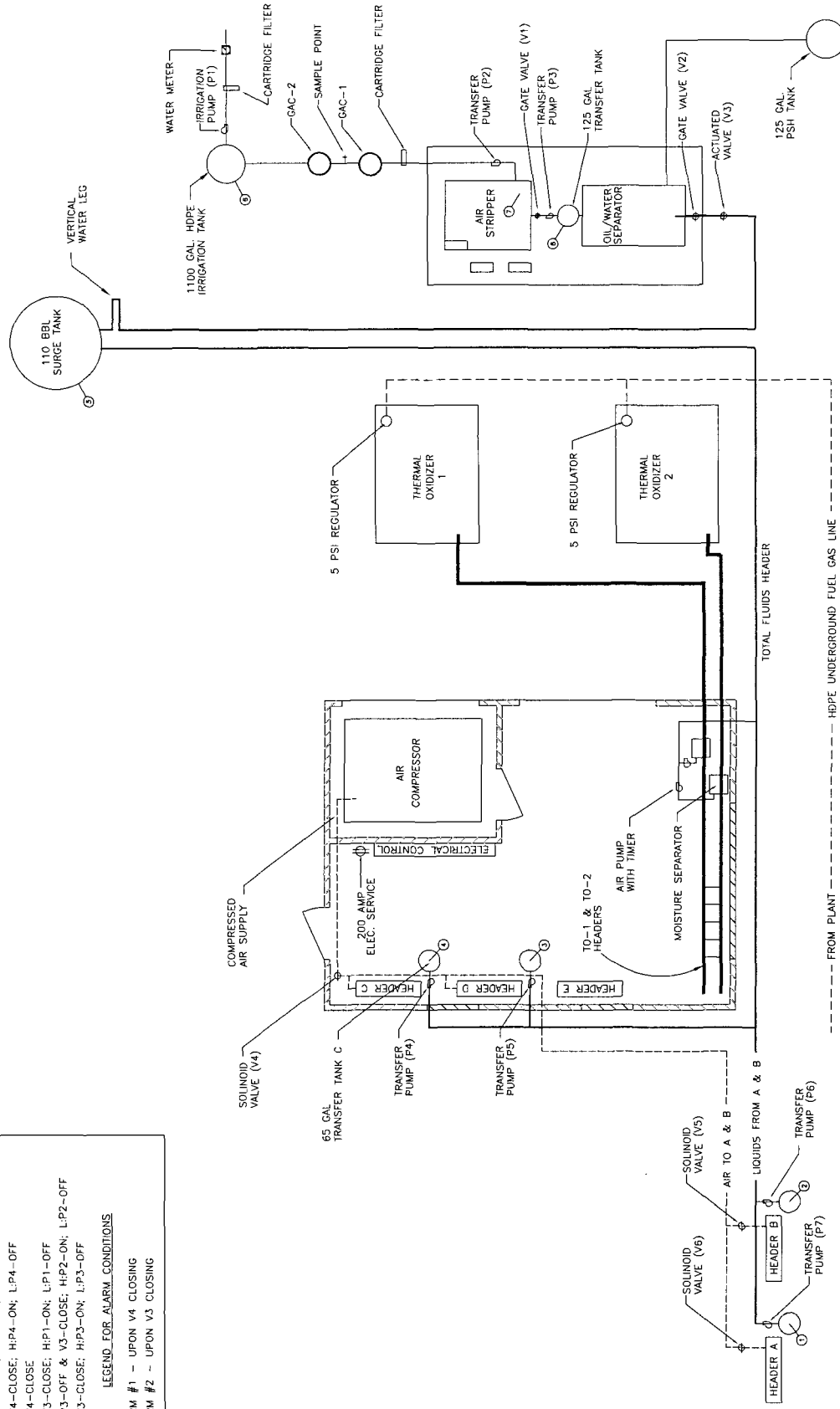
Remediation System Layout

LEGEND FOR CONTROLS

- ① HH-V6-CLOSE; HP7-ON; LP7-OFF
- ② HH-V5-CLOSE; HP6-ON; LP6-OFF
- ③ HH-V4-CLOSE; HP5-ON; LP5-OFF
- ④ HH-V3-CLOSE; HP4-ON; LP4-OFF
- ⑤ HH-V2-CLOSE; HP3-ON; LP3-OFF
- ⑥ HH-V1-CLOSE; HP2-ON; LP2-OFF
- ⑦ HH-V3-OFF & V3-CLOSE; HP3-ON; LP3-OFF
- ⑧ HH-V3-CLOSE; HP3-ON; LP3-OFF

LEGEND FOR ALARM CONDITIONS

- ALARM #1 - UPON V4 CLOSING
- ALARM #2 - UPON V3 CLOSING



ROSWELL STATION REMEDIATION SITE

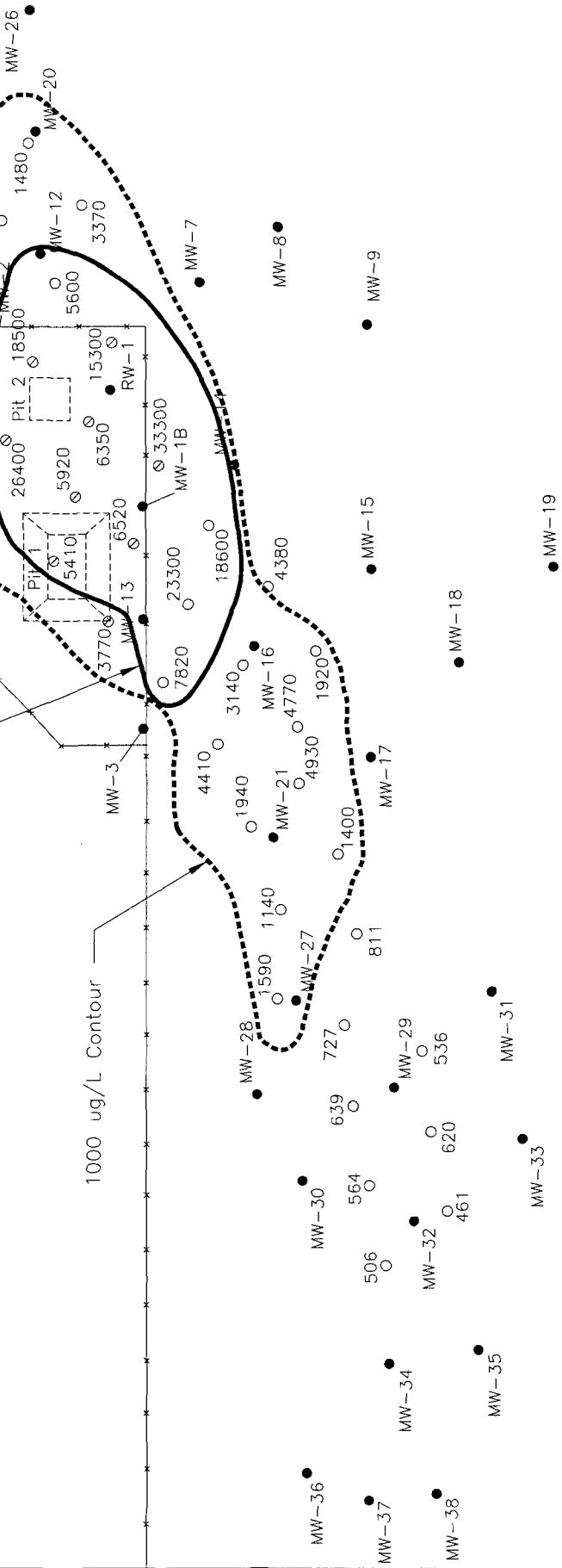
Water and Vapor Treatment Equipment, Controls, and Process Details

0 Not to Scale



5000 ug/L Contour

1000 ug/L Contour



LEGEND



Monitor well



Deep monitor well



Multiphase Extraction Well

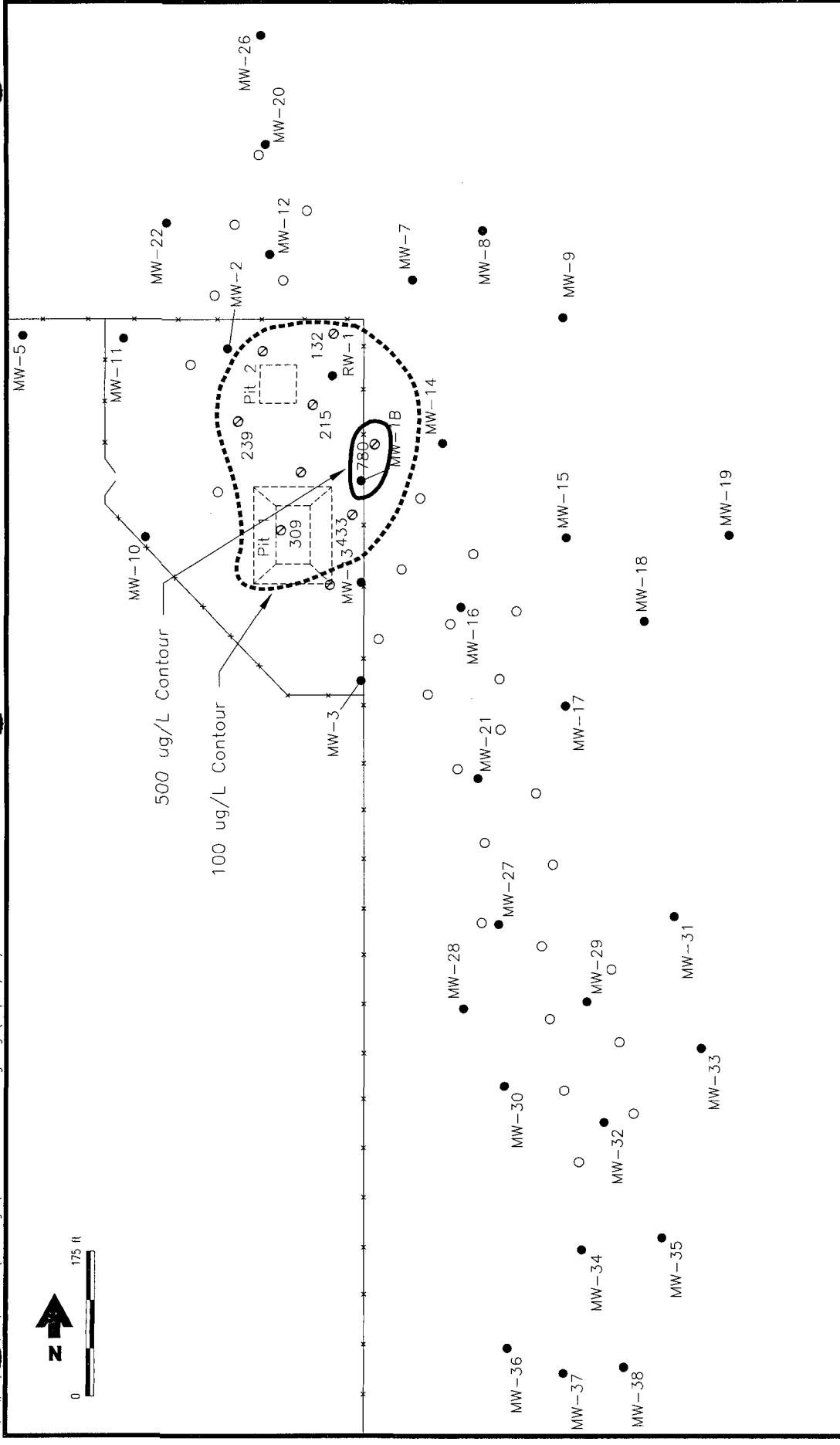


MPE & Soil Vapor Extraction Well Cluster

ROSSELL STATION REMEDIATION SITE

Distribution of VOCs Measured in
Soil Vapor Samples from MPE Wells

DECEMBER 22, 2004



LEGEND

● Monitor well

▲ Deep monitor well

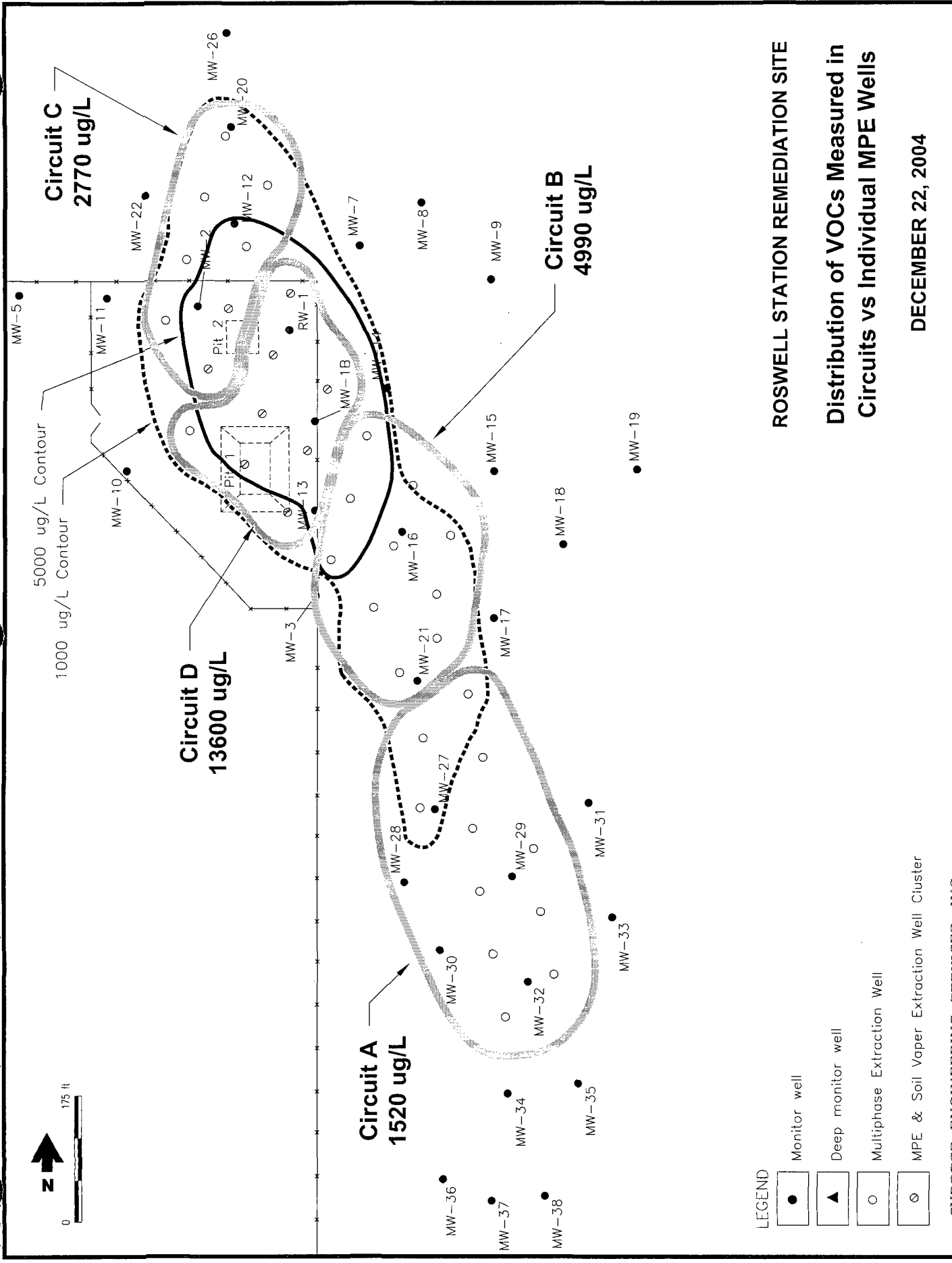
○ Multiphase Extraction Well

⊗ MPE & Soil Vapor Extraction Well Cluster

ROSWELL STATION REMEDIATION SITE

Distribution of VOCs Measured In Soil Vapor Samples from SVE Wells

DECEMBER 22, 2004



**Table 1. Summary of Groundwater 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
	03/27/01		57.42	59.97	2.55	3551.93
	10/03/01*		57.12	60.25	3.13	3552.09
	06/11/02		57.00	60.42	3.42	3552.14
	01/29/03		57.05	60.72	3.67	3552.03
	07/31/03		57.35	60.72	3.37	3551.80
	03/22/04		57.88	61.50	3.62	3551.21
	09/08/04		59.71	63.13	3.42	3549.43
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
	03/27/01		57.78	58.23	0.45	3553.87
	10/03/01*		58.04	58.35	0.31	3553.65
	06/11/02		58.07	59.20	1.13	3553.42
	01/29/03		58.20	60.61	2.41	3552.98
	07/31/03		58.60	59.30	0.70	3552.99
	03/22/04		58.92	59.50	0.58	3552.70
	09/08/04		59.64	60.99	1.35	3551.80
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
	02/12/01		(a)	63.62	(a)	3551.25
	03/27/01		(a)	63.58	(a)	3551.29
	10/03/01		(a)	63.63	(a)	3551.24
	06/11/02		(a)	63.77	(a)	3551.10
	01/29/03		(a)	63.63	(a)	3551.24
	07/31/03		(a)	63.67	(a)	3551.20
	03/22/04		(a)	64.77	(a)	3550.10
	09/08/04		(a)	65.23	(a)	3549.64

**Table 1. Summary of Groundwater 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-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
	03/27/01		(a)	61.18	(a)	3551.59
	10/03/01		(a)	61.17	(a)	3551.60
	06/11/02		(a)	60.99	(a)	3551.78
	01/29/03		(a)	61.02	(a)	3551.75
	07/31/03		(a)	60.98	(a)	3551.79
	03/22/04		(a)	61.13	(a)	3551.64
	09/08/04		(a)	61.38	(a)	3551.39
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
	03/27/01		(a)	60.93	(a)	3557.69
	10/03/01		(a)	60.85	(a)	3557.77
	06/11/02		(a)	60.81	(a)	3557.81
	01/29/03		(a)	60.87	(a)	3557.75
	07/31/03		(a)	60.99	(a)	3557.63
	03/22/04		(a)	61.21	(a)	3557.41
	09/08/04		(a)	62.53	(a)	3556.09

**Table 1. Summary of Groundwater 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-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
	03/27/01		(a)	51.23	(a)	3547.97
	10/03/01		(a)	54.45	(a)	3544.75
	06/11/02		(a)	53.69	(a)	3545.51
	01/29/03		(a)	53.85	(a)	3545.35
	07/31/03		(a)	56.72	(a)	3542.48
	03/22/04		(a)	55.37	(a)	3543.83
	09/08/04		(a)	58.54	(a)	3540.66
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
	02/12/01		(a)	48.85	(a)	3546.95
	03/27/01		(a)	48.21	(a)	3547.59
	10/03/01		(a)	51.45	(a)	3544.35
	06/11/02		(a)	50.90	(a)	3544.90
	01/29/03		(a)	50.81	(a)	3544.99
	07/31/03		(a)	54.00	(a)	3541.80
	03/22/04		(a)	52.24	(a)	3543.56
	09/08/04		(a)	55.76	(a)	3540.04

**Table 1. Summary of Groundwater 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
	02/12/01		(a)	50.19	(a)	3549.16
	03/27/01		(a)	50.19	(a)	3549.16
	10/03/01		(a)	50.30	(a)	3549.05
	06/11/02		(a)	50.20	(a)	3549.15
	01/29/03		(a)	50.18	(a)	3549.17
	07/31/03		(a)	50.28	(a)	3549.07
	03/22/04		(a)	50.43	(a)	3548.92
	09/08/04		(a)	50.45	(a)	3548.90
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
	03/27/01		(a)	66.10	(a)	3551.75
	10/03/01		(a)	66.08	(a)	3551.77
	06/11/02		(a)	65.95	(a)	3551.90
	01/29/03		(a)	66.04	(a)	3551.81
	07/31/03		(a)	66.04	(a)	3551.81
	03/22/04		(a)	66.61	(a)	3551.24
	09/08/04		(a)	67.44	(a)	3550.41

**Table 1. Summary of Groundwater 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-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
	03/27/01		(a)	61.61	(a)	3551.70
	10/03/01		(a)	61.63	(a)	3551.68
	06/11/02		(a)	61.47	(a)	3551.84
	01/29/03		(a)	61.60	(a)	3551.71
	07/31/03		(a)	61.64	(a)	3551.67
	03/22/04		(a)	62.46	(a)	3550.85
	09/08/04		(a)	63.43	(a)	3549.88
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
	03/27/01		(a)	52.91	(a)	3553.47
	10/03/01		(a)	52.91	(a)	3553.47
	06/11/02		(a)	53.30	(a)	3553.08
	01/29/03		(a)	53.95	(a)	3552.43
	07/31/03		(a)	54.02	(a)	3552.36
	03/22/04		(a)	54.62	(a)	3551.76
	09/08/04		(a)	55.41	(a)	3550.97

**Table 1. Summary of Groundwater 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-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
	03/27/01		(a)	61.05	(a)	3551.41
	10/03/01		(a)	61.10	(a)	3551.36
	06/11/02		(a)	61.05	(a)	3551.41
	01/29/03		(a)	60.99	(a)	3551.47
	07/31/03		(a)	61.33	(a)	3551.13
	03/22/04		(a)	61.77	(a)	3550.69
	09/08/04		(a)	63.02	(a)	3549.44
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
	03/27/01		(a)	52.67	(a)	3552.16
	10/03/01		(a)	52.61	(a)	3552.22
	06/11/02		(a)	52.42	(a)	3552.41
	01/29/03		(a)	52.51	(a)	3552.32
	07/31/03		(a)	52.80	(a)	3552.03
	03/22/04		(a)	53.51	(a)	3551.32
	09/08/04		(a)	53.87	(a)	3550.96

**Table 1. Summary of Groundwater 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
	03/27/01		(a)	59.07	(a)	3551.36
	10/03/01		(a)	59.15	(a)	3551.28
	06/11/02		(a)	59.16	(a)	3551.27
	01/29/03		(a)	59.18	(a)	3551.25
	07/31/03		(a)	59.15	(a)	3551.28
	03/22/04		(a)	59.21	(a)	3551.22
	09/08/04		(a)	59.32	(a)	3551.11
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
	02/12/01		61.21	65.65	4.44	3550.13
	03/27/01		61.13	65.57	4.44	3550.21
	10/03/01*		61.15	65.82	4.67	3550.14
	06/11/02		61.12	65.65	4.53	3550.20
	07/31/03		61.68	66.38	4.70	3549.60
	03/22/04		62.67	65.90	3.23	3548.96
	09/08/04		63.68	66.84	3.16	3547.97

**Table 1. Summary of Groundwater 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-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
	02/12/01		(a)	58.55	(a)	3549.88
	03/27/01		(a)	58.49	(a)	3549.94
	10/03/01		(a)	58.50	(a)	3549.93
	06/11/02		(a)	58.45	(a)	3549.98
	01/29/03		(a)	58.45	(a)	3549.98
	07/31/03		(a)	58.87	(a)	3549.56
	03/22/04		(a)	59.15	(a)	3549.28
	09/08/04		(a)	59.54	(a)	3548.89
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
	02/12/01		(a)	58.58	(a)	3551.15
	03/27/01		(a)	58.57	(a)	3551.16
	10/03/01		(a)	58.67	(a)	3551.06
	06/11/02		(a)	58.63	(a)	3551.10
	01/29/03		(a)	58.67	(a)	3551.06
	07/31/03		(a)	58.71	(a)	3551.02
	03/22/04		(a)	58.78	(a)	3550.95
	09/08/04		(a)	58.85	(a)	3550.88

**Table 1. Summary of Groundwater 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-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
	03/27/01		(a)	56.43	(a)	3551.74
	10/03/01		(a)	56.50	(a)	3551.67
	06/11/02		(a)	56.54	(a)	3551.63
	01/29/03		(a)	56.58	(a)	3551.59
	07/31/03		(a)	56.59	(a)	3551.58
	03/22/04		(a)	56.65	(a)	3551.52
	09/08/04		(a)	56.75	(a)	3551.42
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
	03/27/01		(a)	48.62	(a)	3552.03
	10/03/01		(a)	48.82	(a)	3551.83
	06/11/02		(a)	48.98	(a)	3551.67
	01/29/03		(a)	49.31	(a)	3551.34
	07/31/03		(a)	49.50	(a)	3551.15
	03/22/04		(a)	50.35	(a)	3550.30
	09/08/04		(a)	51.23	(a)	3549.42

**Table 1. Summary of Groundwater 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-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
	02/12/01		(a)	62.14	(a)	3549.85
	03/27/01		(a)	61.99	(a)	3550.00
	10/03/01		(a)	61.99	(a)	3550.00
	06/11/02		(a)	62.00	(a)	3549.99
	01/29/03		(a)	61.96	(a)	3550.03
	07/31/03		(a)	61.40	(a)	3550.59
	03/22/04		(a)	61.97	(a)	3550.02
	09/08/04		(a)	63.10	(a)	3548.89
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
	03/27/01		(a)	54.36	(a)	3551.68
	10/03/01		(a)	54.34	(a)	3551.70
	06/11/02		(a)	54.31	(a)	3551.73
	01/29/03		(a)	54.35	(a)	3551.69
	07/31/03		(a)	54.52	(a)	3551.52
	03/22/04		(a)	55.28	(a)	3550.76
	09/08/04		(a)	56.25	(a)	3549.79

**Table 1. Summary of Groundwater 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-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
	03/27/01		(a)	46.23	(a)	3551.52
	10/03/01		(a)	46.58	(a)	3551.17
	06/11/02		(a)	46.71	(a)	3551.04
	01/29/03		(a)	47.21	(a)	3550.54
	07/31/03		(a)	47.55	(a)	3550.20
	03/22/04		(a)	48.21	(a)	3549.54
	09/08/04		(a)	49.04	(a)	3548.71
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
	02/12/01		64.40	67.53	3.13	3549.96
	03/27/01		64.28	67.57	3.29	3550.04
	10/03/01*		64.17	67.39	3.22	3550.17
	06/11/02		64.18	67.23	3.05	3550.20
	01/29/03		64.20	67.30	3.10	3550.17
	07/31/03		64.58	67.43	2.85	3549.85
	03/22/04		65.14	67.95	2.81	3549.30
	09/08/04		65.90	69.62	3.72	3548.32

**Table 1. Summary of Groundwater 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-28	11/19/00	3615.90 (d)	(a)	65.91	(a)	3549.99
	02/12/01		(a)	65.84	(a)	3550.06
	03/27/01		(a)	65.77	(a)	3550.13
	10/03/01		(a)	65.75	(a)	3550.15
	06/11/02		(a)	65.68	(a)	3550.22
	01/29/03		(a)	65.64	(a)	3550.26
	07/31/03		(a)	65.83	(a)	3550.07
	03/22/04		(a)	66.35	(a)	3549.55
	09/08/04		(a)	66.85	(a)	3549.05
MW-29	11/19/00	3613.54 (d)	(a)	64.85	(a)	3548.69
	02/12/01		(a)	64.61	(a)	3548.93
	03/27/01		(a)	64.47	(a)	3549.07
	10/03/01		(a)	64.51	(a)	3549.03
	06/11/02		(a)	64.67	(a)	3548.87
	01/29/03		(a)	64.80	(a)	3548.74
	07/31/03		(a)	65.05	(a)	3548.49
	03/22/04		(a)	65.44	(a)	3548.10
	09/08/04		(a)	65.91	(a)	3547.63
MW-30	11/19/00	3612.63 (d)	(a)	63.27	(a)	3549.36
	02/12/01		(a)	62.96	(a)	3549.67
	03/27/01		(a)	62.88	(a)	3549.75
	10/03/01		(a)	62.79	(a)	3549.84
	06/11/02		(a)	62.75	(a)	3549.88
	01/29/03		(a)	62.75	(a)	3549.88
	07/31/03		(a)	62.93	(a)	3549.70
	03/22/04		(a)	63.37	(a)	3549.26
	09/08/04		(a)	63.79	(a)	3548.84
MW-31	10/03/01	3611.59 (e)	(a)	62.37	(a)	3549.22
	06/11/02		(a)	62.41	(a)	3549.18
	01/29/03		(a)	62.30	(a)	3549.29
	07/31/03		(a)	62.38	(a)	3549.21
	03/22/04		(a)	62.51	(a)	3549.08
	09/08/04		(a)	62.75	(a)	3548.84

**Table 1. Summary of Groundwater 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-32	10/03/01	3608.73 (e)	(a)	60.65	(a)	3548.08
	06/11/02		(a)	60.75	(a)	3547.98
	01/29/03		(a)	61.05	(a)	3547.68
	07/31/03		(a)	61.30	(a)	3547.43
	03/22/04		(a)	61.66	(a)	3547.07
	09/08/04		(a)	62.09	(a)	3546.64
MW-33	10/03/01	3610.55 (e)	(a)	61.87	(a)	3548.68
	06/11/02		(a)	61.85	(a)	3548.70
	01/29/03		(a)	61.83	(a)	3548.72
	07/31/03		(a)	61.95	(a)	3548.60
	03/22/04		(a)	62.19	(a)	3548.36
	09/08/04		(a)	62.41	(a)	3548.14
MW-34	01/29/03	3605.05 (f)	(a)	57.63	(a)	3547.42
	07/31/03		(a)	57.96	(a)	3547.09
	03/22/04		(a)	58.36	(a)	3546.69
	09/08/04		(a)	58.74	(a)	3546.31
MW-35	01/29/03	3601.87 (f)	(a)	54.56	(a)	3547.31
	07/31/03		(a)	54.93	(a)	3546.94
	03/22/04		(a)	55.29	(a)	3546.58
	09/08/04		(a)	55.73	(a)	3546.14
MW-36	03/22/04	NA	(a)	54.72	(a)	NA
	09/08/04		(a)	55.02	(a)	NA
MW-37	03/22/04	NA	(a)	53.45	(a)	NA
	09/08/04		(a)	53.82	(a)	NA
MW-38	03/22/04	NA	(a)	43.80	(a)	NA
	09/08/04		(a)	45.11	(a)	NA
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	3605.00 (c)	(a)	63.46	(a)	3541.77
	10/11/98		(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
	03/27/01		(a)	56.89	(a)	3548.11
	10/03/01		(a)	62.57	(a)	3542.43
	06/11/02		(a)	62.93	(a)	3542.07
	01/29/03		(a)	59.51	(a)	3545.49
	07/31/03		(a)	66.97	(a)	3538.03
	03/22/04		(a)	62.15	(a)	3542.85
	09/08/04		(a)	67.11	(a)	3537.89

**Table 1. Summary of Groundwater 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-24 D	10/11/98	3595.95 (c)	(a)	52.70	^o (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
	03/27/01		(a)	48.07	(a)	3547.88
	10/03/01		(a)	53.99	(a)	3541.96
	06/11/02		(a)	53.81	(a)	3542.14
	01/29/03		(a)	50.73	(a)	3545.22
	07/31/03		(a)	57.65	(a)	3538.30
	03/22/04		(a)	53.20	(a)	3542.75
	09/08/04		(a)	58.11	(a)	3537.84
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
	03/27/01		(a)	45.36	(a)	3547.63
	10/03/01		(a)	48.48	(a)	3544.51
	06/11/02		(a)	47.65	(a)	3545.34
	01/29/03		(a)	47.94	(a)	3545.05
	07/31/03		(a)	50.63	(a)	3542.36
	03/22/04		(a)	49.41	(a)	3543.58
	09/08/04		(a)	52.55	(a)	3540.44
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

(e) Elevation based on survey by Wagener Engineering dated 10/03/01

(f) Elevation based on survey by Cypress Engineering dated 03/14/03

**Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
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)
MPE-1	01/29/03	NA	(a)	60.39	(a)	NA
	07/31/03		(a)	60.66	(a)	NA
	03/22/04		(a)	60.07	(a)	NA
	09/08/04		(a)	61.38	(a)	NA
MPE-2	01/29/03	NA	(a)	59.18	(a)	NA
	07/31/03		(a)	59.82	(a)	NA
	03/22/04		(a)	60.88	(a)	NA
	09/08/04		(a)	60.45	(a)	NA
MPE-3	01/29/03	NA	(a)	62.33	(a)	NA
	07/31/03		(a)	62.85	(a)	NA
	03/22/04		(a)	63.10	(a)	NA
	09/08/04		(a)	63.60	(a)	NA
MPE-4	01/29/03	NA	(a)	63.37	(a)	NA
	07/31/03		(a)	63.54	(a)	NA
	03/22/04		(a)	63.81	(a)	NA
	09/08/04		(a)	64.30	(a)	NA
MPE-5	01/29/03	NA	(a)	63.78	(a)	NA
	07/31/03		(a)	63.95	(a)	NA
	03/22/04		(a)	64.19	(a)	NA
	09/08/04		(a)	64.80	(a)	NA
MPE-6	01/29/03	NA	(a)	65.00	(a)	NA
	07/31/03		(a)	65.17	(a)	NA
	03/22/04		(a)	65.44	(a)	NA
	09/08/04		(a)	66.02	(a)	NA
MPE-7	01/29/03	NA	(a)	63.93	(a)	NA
	07/31/03		(a)	63.88	(a)	NA
	03/22/04		(a)	64.45	(a)	NA
	09/08/04		(a)	65.25	(a)	NA
MPE-8	01/29/03	NA	(a)	62.43	(a)	NA
	07/31/03		(a)	62.74	(a)	NA
	03/22/04		(a)	63.14	(a)	NA
	09/08/04		(a)	63.70	(a)	NA
MPE-9	01/29/03	NA	63.96	66.65	2.69	NA
	07/31/03		64.05	67.46	3.41	NA
	03/22/04		63.47	67.30	3.83	NA
	09/08/04		65.51	68.41	2.90	NA

**Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
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)
MPE-10	01/29/03	NA	(a)	62.90	(a)	NA
	07/31/03		(a)	63.08	(a)	NA
	03/22/04		(a)	63.85	(a)	NA
	09/08/04		64.45	66.87	2.42	NA
MPE-11	01/29/03	NA	(a)	60.20	(a)	NA
	07/31/03		(a)	60.52	(a)	NA
	03/22/04		(a)	60.93	(a)	NA
	09/08/04		(a)	61.60	(a)	NA
MPE-12	01/29/03	NA	(a)	61.54	(a)	NA
	07/31/03		61.29	63.31	2.02	NA
	03/22/04		61.98	64.40	2.42	NA
	09/08/04		63.55	64.54	0.99	NA
MPE-13	01/29/03	NA	(a)	60.31	(a)	NA
	07/31/03		(a)	60.72	(a)	NA
	03/22/04		(a)	61.07	(a)	NA
	09/08/04		(a)	61.95	(a)	NA
MPE-14	01/29/03	NA	(a)	60.95	(a)	NA
	07/31/03		(a)	61.38	(a)	NA
	03/22/04		(a)	61.77	(a)	NA
	09/08/04		(a)	62.65	(a)	NA
MPE-15	01/29/03	NA	(a)	61.10	(a)	NA
	07/31/03		(a)	61.20	(a)	NA
	03/22/04		(a)	61.29	(a)	NA
	09/08/04		(a)	61.60	(a)	NA
MPE-16	01/29/03	NA	61.10	64.91	3.81	NA
	07/31/03		61.53	65.55	4.02	NA
	03/22/04		62.15	65.50	3.35	NA
	09/08/04		63.60	65.75	2.15	NA
MPE-17	01/29/03	NA	60.86	65.50	4.64	NA
	07/31/03		61.40	66.69	5.29	NA
	03/22/04		62.20	65.69	3.49	NA
	09/08/04		63.45	65.92	2.47	NA
MPE-18	01/29/03	NA	(a)	59.42	(a)	NA
	07/31/03		(a)	59.75	(a)	NA
	03/22/04		(a)	60.18	(a)	NA
	09/08/04		(a)	60.75	(a)	NA

**Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
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)
MPE-19	01/29/03	NA	(a)	62.40	(a)	NA
	07/31/03		(a)	62.73	(a)	NA
	03/22/04		(a)	63.25	(a)	NA
	09/08/04		(a)	64.35	(a)	NA
MPE-20	01/29/03	NA	58.21	65.10	6.89	NA
	07/31/03		58.70	65.08	6.38	NA
	03/22/04		59.28	65.68	6.40	NA
	09/08/04		62.01	65.43	3.42	NA
MPE-21	01/29/03	NA	(a)	55.64	(a)	NA
	07/31/03		54.78	55.30	0.52	NA
	03/22/04		55.20	55.75	0.55	NA
	09/08/04		56.78	56.85	0.07	NA
MPE-22	01/29/03	NA	(a)	64.50	(a)	NA
	07/31/03		(a)	64.51	(a)	NA
	03/22/04		(a)	65.16	(a)	NA
	09/08/04		(a)	66.06	(a)	NA
MPE-23	01/29/03	NA	(a)	59.86	(a)	NA
	07/31/03		60.05	60.10	0.05	NA
	03/22/04		60.64	61.30	0.66	NA
	09/08/04		61.62	64.90	3.28	NA
MPE-24	01/29/03	NA	(a)	55.83	(a)	NA
	07/31/03		55.08	55.60	0.52	NA
	03/22/04		55.90	56.91	1.01	NA
	09/08/04		56.80	61.23	4.43	NA
MPE-25	01/29/03	NA	(a)	64.51	(a)	NA
	07/31/03		(a)	64.53	(a)	NA
	03/22/04		(a)	65.19	(a)	NA
	09/08/04		(a)	66.12	(a)	NA
MPE-26	01/29/03	NA	(a)	61.89	(a)	NA
	07/31/03		61.65	62.95	1.30	NA
	03/22/04		62.68	62.71	0.03	NA
	09/08/04		63.60	63.64	0.04	NA
MPE-27	01/29/03	NA	59.20	63.98	4.78	NA
	07/31/03		59.25	64.13	4.88	NA
	03/22/04		60.95	63.55	2.60	NA
	09/08/04		62.05	64.50	2.45	NA

**Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
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)
MPE-28	01/29/03	NA	53.69	55.57	1.88	NA
	07/31/03		53.69	56.90	3.21	NA
	03/22/04		55.59	57.75	2.16	NA
	09/08/04		56.43	59.52	3.09	NA
MPE-29	01/29/03	NA	(a)	64.75	(a)	NA
	07/31/03		(a)	64.79	(a)	NA
	03/22/04		(a)	65.58	(a)	NA
	09/08/04		(a)	66.51	(a)	NA
MPE-30	01/29/03	NA	(a)	63.61	(a)	NA
	07/31/03		(a)	63.35	(a)	NA
	03/22/04		(a)	63.92	(a)	NA
	09/08/04		(a)	64.92	(a)	NA
MPE-31	01/29/03	NA	(a)	60.61	(a)	NA
	07/31/03		(a)	60.63	(a)	NA
	03/22/04		61.55	61.73	0.18	NA
	09/08/04		62.35	63.45	1.10	NA
MPE-32	01/29/03	NA	55.02	55.10	0.08	NA
	07/31/03		53.85	59.27	5.42	NA
	03/22/04		54.89	59.92	5.03	NA
	09/08/04		56.68	58.60	1.92	NA
MPE-33	01/29/03	NA	50.50	52.13	1.63	NA
	07/31/03		50.03	54.50	4.47	NA
	03/22/04		51.60	54.09	2.49	NA
	09/08/04		53.32	54.02	0.70	NA
MPE-34	01/29/03	NA	(a)	62.80	(a)	NA
	07/31/03		(a)	62.74	(a)	NA
	03/22/04		(a)	63.23	(a)	NA
	09/08/04		(a)	63.86	(a)	NA
MPE-35	01/29/03	NA	(a)	56.74	(a)	NA
	07/31/03		(a)	56.84	(a)	NA
	03/22/04		57.30	57.31	(a)	NA
	09/08/04		(a)	58.04	(a)	NA
MPE-36	01/29/03	NA	(a)	51.98	(a)	NA
	07/31/03		(a)	52.00	(a)	NA
	03/22/04		(a)	52.48	(a)	NA
	09/08/04		(a)	53.45	(a)	NA

**Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
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)
MPE-37	01/29/03	NA	(a)	49.18	(a)	NA
	07/31/03		(a)	49.27	(a)	NA
	03/22/04		(a)	49.98	(a)	NA
	09/08/04		(a)	50.95	(a)	NA
SVE-1A	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
SVE-2A	01/29/03	NA	(a)	29.65	(a)	NA
	07/31/03		(a)	29.70	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
SVE-3	04/01/01	NA	(a)	60.35	(a)	NA
	01/29/03		(a)	60.57	(a)	NA
	07/31/03		(a)	61.42	(a)	NA
	03/22/04		(a)	61.48	(a)	NA
	09/08/04		(a)	61.48	(a)	NA
SVE-22	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
SVE-23	01/29/03	NA	32.70	33.85	1.15	NA
	07/31/03		34.00	36.75	2.75	NA
	03/22/04		33.95	to TD @ 36.70	NA	NA
	09/08/04		33.00	to TD @ 36.80	NA	NA
SVE-24	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
SVE-25	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		32.86	33.10	0.24	NA
	03/22/04		28.00	to TD @ 33.15	NA	NA
	09/08/04		33.20	to TD @ 33.20	NA	NA
SVE-26	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA

**Table 2. Summary of Groundwater Surface Elevations (MPE/SVE)
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)
SVE-27	01/29/03	NA	(a)	33.45	(a)	NA
	07/31/03		(a)	33.80	(a)	NA
	03/22/04		(a)	32.02	(a)	NA
	09/08/04		(a)	33.25	(a)	NA
SVE-28	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	35.70	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
SVE-30	01/29/03	NA	(a)	43.67	(a)	NA
	07/31/03		(a)	43.61	(a)	NA
	03/22/04		(a)	43.60	(a)	NA
	09/08/04		(a)	43.62	(a)	NA
SVE-31	01/29/03	NA	(a)	dry	(a)	NA
	07/31/03		(a)	dry	(a)	NA
	03/22/04		(a)	dry	(a)	NA
	09/08/04		(a)	dry	(a)	NA
RW-1	01/29/03	NA	(a)	34.48	(a)	NA
	07/31/03		(a)	34.95	(a)	NA
	09/08/04		(a)	34.21	(a)	NA

NOTES:

PSH - Phase separated hydrocarbon

(NA) Information not available

(a) Not applicable since no measurable thickness of PSH is present

**Table 3. 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
	03/27/01	5.9	7.21	19.3	3,930	--	Clear
	07/03/02	5.3	6.81	21.8	3,820	--	Clear
	08/01/03	6.9	7.20	23.8	3,940	--	Clear
	09/10/04	7.5	7.10	19.6	3,830	--	Turbid, brown
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
	03/28/01	3.9	7.21	19.5	3,810	4.88	Clear
	10/08/01	4.6	7.20	19.8	3,990	--	Clear
	07/01/02	6.9	6.67	21.2	3,690	--	Clear
	08/02/03	4.0	7.24	22.4	3,780	--	Clear
	09/09/04	4.21	7.05	20.7	3,191	--	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 3. 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
	03/27/01	5.5/5.2	7.13	18.9	3,830	--	Clear
	07/03/02	4.7	6.88	20.4	3,760	--	Clear
	08/01/03	6.7	7.10	23.5	3,860	--	Clear
	09/09/04	4.2	6.94	20.1	3,227	--	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
	03/27/01	5.8/5.4	7.22	19.1	3,780	--	Clear
	07/03/02	3.6	6.92	20.6	3,780	--	Clear
	08/01/03	7.4	7.21	22.4	3,870	--	Clear
	09/09/04	7.04	6.94	19.97	3,287	--	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
	03/29/01	1.7	7.18	20.1	3,920	2.62	Clear, Slight odor
	10/08/01	2.4	7.22	19.3	4,190	--	Clear
	07/01/02	2.1	6.98	20.4	3,770	--	Clear
	02/03/03	1.1	7.34	18.1	3,840	--	Clear
	08/02/03	0.8	7.22	22.5	3,890	--	Clear
	03/23/04	1.1	6.95	19.1	3,190	--	Clear, Slight odor
	09/09/04	1.20	6.99	20.2	2,835	--	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
	03/29/01	0.9	6.89	20.1	4,120	7.99	Clear, Odor
	10/09/01	1.6	6.81	20.4	4,390	--	Clear with odor
	07/01/02	2.0	6.72	21.4	3,540	--	Clear turns black, sulfur odor
	02/04/03	0.6	7.02	18.3	4,250	--	Clear with sulfur smell
	08/02/03	0.5	6.99	23.5	4,060	--	Clear
	03/23/04	0.9	6.76	20.2	3,560	--	Clear, odor
	09/09/04	2.1	6.87	21.5	3,481	--	Clear

**Table 3. 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-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
	03/28/01	2.1	7.17	19.6	3,850	--	Clear
	07/03/02	2.9	6.90	19.7	3,750	--	Clear
	08/01/03	1.8	7.19	22.5	3,860	--	Clear
	09/09/04	2.21	7.01	20.2	3,247	--	Clear
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	-16.0	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
	03/28/01	4.2	7.23	19.5	4,280	--	Clear
	07/03/02	6.4	7.00	19.7	4,170	--	Clear
	08/01/03	5.4	7.27	22.4	4,290	--	Clear
	09/09/04	4.92	7.05	20.0	3,591	--	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
	03/27/01	5.4	7.28	19.3	4,210	--	Clear
	07/03/02	5.9	7.03	19.6	4,110	--	Clear
	08/01/03	6.4	7.28	22.2	4,230	--	Clear
	09/10/04	6.98	7.14	19.4	3,545	--	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	-18.0	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	-17.2	7.23	18.7	4,380	9.08	Clear

**Table 3. 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-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
	03/29/01	1.9	6.82	19.6	4,070	1.99	Clear
	10/08/01	2.3	6.71	19.0	4,280	--	Clear
	07/01/02	3.0	6.66	19.8	3,880	--	Clear
	02/03/03	1.5	6.88	17.8	3,930	--	Clear
	08/03/03	1.4	6.87	21.9	3,980	--	Clear
	03/23/04	1.1	6.76	18.5	3,380	--	Clear, trace of yellow
	09/09/04	2.01	6.73	19.6	3,414	--	Clear
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	0	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
	03/29/01	0.9/0.0	7.31	19.6	3,960	2.09	Clear, Odor, turns black in air
	10/08/01	1.4	7.31	19.6	4,230	--	Strong odor
	07/01/02	2.0	6.80	20.1	3,820	--	Gray/black, slight odor
	02/03/03	0.8	7.42	18.3	3,910	--	Clear, sulfur smell
	08/02/03	0.9	7.28	22.4	3,960	--	Clear
	03/23/04	1.1	7.07	18.6	3,290	--	Clear
	09/10/04	2.68	6.96	19.4	3,366	--	Clear
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
	03/29/01	7.6	7.21	19.8	3,930	4.55	Clear
	10/08/01	8.1	7.28	19.5	4,190	--	Clear
	07/01/02	7.2	6.91	20.2	3,740	--	Clear
	02/03/03	6.1	7.55	17.6	3,910	--	Clear
	08/02/03	7.9	7.27	22.1	3,880	--	Cloudy
	03/23/04	4.8	6.89	19.1	3,280	--	Clear
	09/09/04	6.88	7.05	20.2	3,259	--	Cloudy
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
	04/19/01	3.2	7.67	20.2	3,780	--	Slightly silty
	06/20/01	5.5	7.36	19.3	3,550	--	Slightly w/Sulfur Smell
	06/12/02	--	--	--	--	--	--
	08/02/03	4.2	7.71	21.4	3,140	--	Clear
	09/09/04	3.7	7.34	19.7	4,120	--	Turbid, Bailed down

**Table 3. 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-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
	04/19/01	5.8	7.29	19.6	3,610	--	Silty
	06/20/01	6.2	7.35	21.2	3,130	--	Silty
	06/12/02	--	--	--	--	--	--
	08/02/03	5.9	7.21	20.7	2,950	--	Slightly Silty
	09/09/04	3.9	7.21	19.5	3,760	--	Turbid, Bailed down
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
	04/19/01	3.7	7.50	19.1	3,600	--	Silty
	06/20/01	6.3	7.59	21.4	3,280	--	Very Silty
	06/12/02	--	--	--	--	--	--
	08/02/03	3.7	7.48	20.8	2,900	--	Silty
	09/09/04	4.9	7.37	19.6	3,690	--	Turbid, gray/brown
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
	03/28/01	5.1/5.0	7.09	19.0	4,110	16.43	Clear
	10/08/01	5.5	7.06	19.2	4,340	--	Clear
	07/01/02	5.0	6.79	19.3	3,910	--	Clear
	02/03/03	4.1	7.10	17.5	4,030	--	Clear
	08/03/03	3.4	7.08	21.4	3,950	--	Clear
	03/23/04	3.4	6.89	18.3	3,380	--	Yellow
	09/09/04	4.52	6.88	19.24	3,436	--	Clear
MW-28	11/18/00	--	7.28	17.0	3,510	--	Silty
	02/13/01	4.7	7.30	17.4	3,480	--	Silty
	03/28/01	5.3	7.20	19.5	3,880	31.55	Clear
	06/20/01	4.8	7.11	20.0	3,300	--	Slightly silty to clear
	10/09/01	5.0	7.12	19.7	4,120	--	Clear
	07/03/02	3.7	6.92	20.6	3,750	--	Clear
	08/02/03	5.1	7.19	22.2	3,840	--	Clear
	09/10/04	5.28	7.03	20.0	3,246	--	Clear
MW-29	11/19/00	--	7.60	17.9	2,320	--	Brown silty
	02/13/01	3.0	7.06	17.0	2,300	--	Silty
	03/28/01	2.7	7.17	19.5	2,610	8.51	Clear, bailing down
	06/20/01	1.8	7.03	21.4	2.25	--	Clear
	10/09/01	2.6	7.07	20.1	2,700	--	Clear
	07/03/02	2.2	6.66	23.8	2,390	--	Clear
	02/03/03	2.1	7.49	18.4	2,580	--	Clear, sulfur smell
	08/03/03	0.4	7.15	21.6	2,640	--	Turbid
	03/23/04	1.0	7.12	18.4	2,070	--	Turbid, slight odor
MW-30	09/10/05	3.10	7.17	19.2	2,540	--	Turbid, brown
	11/18/00	--	7.54	18.6	3,350	--	Silty
	02/13/01	4.8	7.27	17.3	3,480	--	Slightly silty
	03/28/01	4.8	7.18	19.6	3,880	36.52	Slightly cloudy
	06/20/01	4.7	7.06	20.4	3,300	--	Clear
	10/09/01	5.5	7.23	19.7	4,130	--	Clear
	07/04/02	3.5	7.04	19.2	3,800	--	Clear
	08/02/03	5.0	7.20	22.9	3,850	--	Clear
	09/10/04	5.75	7.05	19.9	3,252	--	Clear

**Table 3. 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-31	10/04/01	7.5	7.49	18.5	4,260	--	Red/Silty
	02/26/02	6.3	7.31	19.6	4,340	--	Clear
	07/04/02	5.1	7.08	19.5	4,070	--	Clear
	08/02/03	6.3	7.34	22.7	4,150	--	Clear
	09/10/04	6.65	7.15	19.6	3,482	--	Clear
MW-32	10/04/01	3.8	7.41	19.0	3,800	--	Slight odor
	02/26/02	1.2	7.21	20.5	3,770	--	Cloudy
	07/04/02	1.3	7.06	19.3	3,500	--	Cloudy
	02/03/03	0.8	7.56	18.3	3,590	--	Cloudy
	08/02/03	1.0	7.23	22.5	3,520	--	Cloudy
	03/23/04	0.6	7.10	18.3	2,910	--	Clear, slight odor
	09/10/04	1.07	7.08	19.8	3,109	--	Clear
MW-33	10/04/01	7.6	7.56	19.0	4,360	--	Red/Silty
	02/26/02	5.4	7.31	19.2	4,280	--	Clear
	07/04/02	4.4	7.11	19.9	4,040	--	Clear
	08/02/03	5.6	7.31	22.4	4,130	--	Clear
	09/10/04	6.34	7.17	20.0	3,471	--	Clear
MW-34	01/21/03	2.3	7.42	19.5	3,380	--	Slightly silty
	02/04/03	2.2	7.54	17.9	3,910	--	Turbid
	08/03/03	1.5	7.26	21.7	3,980	--	Turbid
	03/22/04	1.2	7.10	19.6	3,340	--	Slightly Turbid
	09/10/04	4.90	7.25	19.2	3,840	--	Turbid, brown
MW-35	01/21/03	3.5	7.33	19.8	3,480	--	Silty
	02/03/03	5.4	7.72	18.3	3,770	--	Turbid
	08/03/03	6.1	7.29	21.7	4,120	--	Turbid
	03/22/04	4.6	7.17	19.4	3,390	--	Slightly silty
	09/10/04	7.30	7.23	19.0	4,050	--	Turbid, brown
MW-36	11/11/03	2.1	7.31	20.1	2,960	--	Turbid/Silty
	03/22/04	4.1	7.11	19.6	3,120	--	Slightly Turbid
	09/10/04	4.77	7.11	19.6	3,143	--	Cloudy
MW-37	11/11/03	2.1	7.43	20.2	2,930	--	Slightly Silty
	03/22/04	2.8	7.09	18.8	3,290	--	Slightly Turbid
	09/10/04	4.89	7.04	19.5	3,364	--	Clear
MW-38	11/11/03	4.5	7.68	20.4	3,290	--	Turbid/Silty
	03/22/04	5.2	7.18	19.4	3,510	--	Slightly Turbid
	09/10/04	7.90	7.16	20.2	3,510	--	Clear
MPE-1	08/02/03	3.8	7.33	21.4	3,100	--	Turbid
MPE-2	08/02/03	3.2	7.29	21.0	2,940	--	Turbid
	03/22/04	4.3	7.14	19.5	3,420	--	Clear
	09/10/04	5.70	7.27	19.1	3,840	--	Turbid, brown
MPE-11	08/02/03	1.5	7.39	20.8	2,040	--	Black w/ Sulfur odor
	03/22/04	0.7	7.04	19.7	2,580	--	Gray w/ Strong sulfur odor
	09/10/04	2.20	7.26	20.0	3,230	--	Black w/odor
MPE-15	08/03/03	3.0	7.17	22.6	2,020	--	Black w/ Odor
	03/22/04	3.8	7.06	20.6	1,840	--	Grayish brown w/ strong odor
	09/10/04	0.90	7.23	20.2	2,280	--	Black, turbid, odor

**Table 4. Summary of Groundwater 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-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
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	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

Table 4. Summary of Groundwater 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-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	
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
	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)	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

**Table 4. Summary of Groundwater 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-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

**Table 4. Summary of Groundwater 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-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
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	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
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	1.1	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

**Table 4. Summary of Groundwater 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-12 (Dup MW-24) (Dup MW-28) (Dup MW-28)	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
	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
	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
	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
	03/29/01	59.4	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	10/08/01	112	< 1	< 1	1.68	< 10	< 1	< 1	< 1	< 1	< 1	NA	NA
	07/01/02	51	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	02/03/03	30	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	24	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
03/23/04	59	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	
09/09/04	66	< 1.0	1.3	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	
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
	03/29/01	212	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	10/09/01	317	< 1	< 1	7.81	< 10	< 1	< 1	< 1	< 1	1.41	NA	NA
	07/01/02	590	< 10	< 10	31	NA	< 10	< 10	< 10	< 10	< 10	NA	NA
	02/04/03	560	< 10	< 10	19	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	1.1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater 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-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
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	3.3	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	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
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

**Table 4. Summary of Groundwater 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-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
	03/27/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	NA	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/01/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	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

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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-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
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
(Dup MW-24)	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
	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
(Dup MW-28)	12/28/98	< 1	< 1	< 1	< 1	< 20	15	< 1	83	27	< 1	< 1	NA
	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
	03/29/01	< 1	< 5	< 5	< 5	< 10	26.6	< 5	128	19.1	NA	NA	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	22.1	< 5	130	22	NA	NA	NA
(Dup MW-39)	10/08/01	< 1	< 1	< 1	< 3	< 10	26.6	< 1	204	20.8	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	25	< 1.0	110	12	< 1.0	NA	NA
	02/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	24	< 1.0	160	11	< 1.0	NA	NA
	08/03/03	1.4	< 1.0	< 1.0	< 1.0	< 10	26	< 1.0	120	8.8	< 1.0	NA	NA
	08/03/03	1.3	< 1.0	< 1.0	< 1.0	< 10	28	< 1.0	130	9.3	< 1.0	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	< 50	29	< 5.0	110	5.7	< 5.0	NA	NA
	09/09/04	1.2	< 1.0	< 1.0	< 1.0	< 10	23	< 1.0	140	5.7	< 1.0	NA	NA
	09/09/04	1.2	< 1.0	< 1.0	< 1.0	< 10	23	< 1.0	94	5.1	< 1.0	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-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	1,000	< 5	< 5	68	< 20	< 5	< 5	< 5	< 5	7	< 5	NA
	12/28/98	1,400	1	< 1	61	< 20	< 1	< 1	< 1	< 1	9	8.8	NA
	03/26/99	1,400	< 1	< 1	28	< 20	< 1	< 1	< 1	< 1	5	7.1	NA
	09/07/99	1,500	< 1	4	25	< 20	< 1	< 1	< 1	< 1	4	NA	NA
	03/29/00	1,700	< 1	8.0	12	< 20	< 1	< 1	< 1	< 1	4.0	NA	NA
	11/18/00	1,430	< 5.00	12.7	< 10.0	< 50.0	< 5.00	< 5.00	< 5.00	< 5.00	< 5.00	NA	NA
	03/29/01	2,600	< 10	16.9	< 10	< 20	< 10	< 10	< 2	< 10	< 10	NA	NA
(Dup MW-34)	10/08/01	2,210	< 1	19	2.6	< 10	< 1	< 1	< 1	< 1	1.38	NA	NA
	10/08/01	2,060	< 1	18.6	2.64	< 10	< 1	< 1	< 1	< 1	1.38	NA	NA
	07/01/02	1,800	< 1.0	21	1.4	NA	< 1.0	< 1.0	< 1.0	< 1.0	1.6	NA	NA
	02/03/03	1,400	< 10	40	< 10	NA	NA	NA	NA	NA	NA	NA	NA
(Dup MW-36)	02/03/03	1,600	< 10	37	< 10	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	370	< 1	< 1	2.2	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	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
	03/29/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	7.62	< 5	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	10.3	1.33	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	6.8	1.5	< 1.0	NA	NA
	02/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	4.6	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	4.1	< 1.0	< 1.0	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	2.6	< 1.0	< 1.0	NA	NA
09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	2.0	< 1.0	< 1.0	NA	NA	

**Table 4. Summary of Groundwater 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
	04/19/01	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	06/12/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA	
MW-24D (NMOCD)	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
	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
	04/19/01	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	06/12/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

**Table 4. Summary of Groundwater 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-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
	04/19/01	< 1	< 1	< 1	< 1	NA	NA	NA	NA	NA	NA	NA	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	NA	NA
	06/12/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	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
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	6.75	< 5	NA	NA	NA
	10/08/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	9.61	< 1	< 1	NA	NA
	07/01/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	1.7	< 1.0	9.1	1.6	< 1.0	NA	NA
	02/03/03	1.9	< 1.0	< 1.0	< 1.0	NA	1.1	< 1.0	11	1.2	< 1.0	NA	NA
	08/03/03	49	< 1.0	< 1.0	< 1.0	< 10	3.2	< 1.0	14	1.1	< 1.0	NA	NA
	03/23/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	2.2	< 1.0	19	1.1	< 1.0	NA	NA
	09/09/04	< 1.0	< 1.0	< 1.0	< 1.0	< 10	1.8	< 1.0	18	1.2	< 1.0	NA	NA

**Table 4. Summary of Groundwater 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
	02/13/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	< 0.05	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	0.124	NA
	10/09/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	0.15	NA
	07/03/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	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
	02/13/01	734	< 5.00	77.9	32.0	< 50.00	< 5.00	< 5.00	< 5.00	< 5.00	25.0	6.540	NA
	03/28/01	1,130	< 5	73.5	28.2	< 10	< 5	< 5	< 1	< 5	24	6.050	NA
	06/20/01	556	< 5	69.6	9.21	< 10	< 5	< 5	< 1	< 5	9.69	1.15	NA
	10/09/01	413	< 1	78.2	5.03	< 10	< 1	< 1	< 1	< 1	8.03	5.3	NA
	07/03/02	200	< 1	83	< 1	NA	< 1	< 1	< 1	< 1	3.8	< 10	< 10
(Dup MW-34)	07/03/02	220	< 1.0	85	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	3.6	< 10	< 10
	02/03/03	190	< 1.0	38	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/03/03	210	< 1.0	49	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	88	< 5.0	7.5	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	110	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater 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-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
	02/13/01	< 1.00	< 1.00	< 1.00	< 1.00	< 10.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 0.100	NA
	03/28/01	< 1	< 5	< 5	< 5	< 10	< 5	< 5	< 1	< 5	NA	< 0.05	NA
	06/20/01	< 1	< 5	< 5	< 10	< 10	< 5	< 5	< 1	< 5	< 5	< 0.05	NA
	10/09/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	< 0.15	NA
	07/04/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-31	10/04/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	<0.15	NA
	02/26/02	< 1	< 1	< 1	< 2	< 5	< 1	< 1	< 1	< 1	< 1	< 5	< 5
	07/04/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-32	10/04/01	897	< 1	44.3	< 3	< 10	< 1	< 1	< 1	< 1	8.27	2.101	NA
	02/26/02	805	< 5	59.6	< 10	< 25	< 5	< 5	< 5	< 5	31.5	28.5	< 5
	07/04/02	1,000	< 1	50	< 1	NA	< 1	< 1	< 1	< 1	24	< 10	< 10
	(Dup MW-35) 07/04/02	980	< 1.0	50	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	24	< 10	< 10
	02/03/03	600	< 1.0	37	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/02/03	330	< 1.0	19	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/23/04	390	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	370	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
(Dup MW-39)	09/10/04	360	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-33	10/04/01	< 1	< 1	< 1	< 3	< 10	< 1	< 1	< 1	< 1	< 1	<0.15	NA
	02/26/02	< 1	< 1	< 1	< 2	< 5	< 1	< 1	< 1	< 1	< 1	< 5	< 5
	07/04/02	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 10
	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

Table 4. Summary of Groundwater 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-34	01/21/03	200	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
	02/04/03	250	< 1.0	< 1.0	1.8	NA	NA	NA	NA	NA	NA	NA	NA
	08/03/03	60	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	130	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	74	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-35	01/21/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	02/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	08/03/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-36	11/11/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-37	11/11/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA

**Table 4. Summary of Groundwater 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-38	11/11/03	< 1.0	< 1.0	< 1.0	< 1.0	< 10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 10	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MPE-1	08/02/03	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
MPE-2	08/02/03	270	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	250	< 5.0	< 5.0	< 5.0	NA	NA	NA	NA	NA	NA	NA	NA
MPE-11	08/02/03	910	160	44	52	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	280	30	31	< 20	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	96	4.7	9.7	2.6	NA	NA	NA	NA	NA	NA	NA	NA
MPE-15	08/03/03	5.2	< 1.0	11	83	NA	NA	NA	NA	NA	NA	NA	NA
	03/22/04	12	9.8	6.9	29	NA	NA	NA	NA	NA	NA	NA	NA
	09/10/04	15	7.9	7.9	39	NA	NA	NA	NA	NA	NA	NA	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 - A result for this constituent is not available

^(a) Analyte present in method blank

^(b) Total Naphthalene = Naphthalene + 1-Methylnaphthalene + 2-Methylnaphthalene

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)										Metals (mg/L)													
		NO ₂ /NO ₃ - N, total										Asenic													
MW-3	NMWQCC Standard:	TDS	Chloride	Sulfate	10	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as CaCO ₃)	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.05	0.20	0.002	0.05	0.05	10	5	
		1,000	250	600	none	none	none	none	none	none	< 0.03	0.02	< 0.01	< 0.01	NA	NA	< 0.03	NA	< 0.0002	< 0.05	< 0.01	NA	NA		
		NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	< 0.01	< 0.005	< 0.01	< 0.01	NA	NA	< 0.05	NA	0.0002	< 0.1	< 0.01	0.03	0.24	
		3,650	405	1,800	0.8	587	3.2	136	215	116	< 0.05	0.02	< 0.005	< 0.01	< 0.01	NA	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	NA
		3,530	385	1,800	0.96	635	20	144	229	115	< 0.01	< 0.01	< 0.005	< 0.01	< 0.01	< 0.3	< 0.003	NA	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	NA
		3,560	409	1,680	1.1	804	< 5	135	410	114	< 0.03	0.04	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.003	NA	< 0.0002	< 0.04	< 0.01	< 0.03	< 0.03	NA
		3,450	370	1,840	1.1	790 ^(d)	3.0	180	290 ^(d)	110	< 0.1	0.014	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.01	< 0.02	< 0.02	NA
		2,790	398	1,700	1.1	643	3	138	212	102	< 0.005	0.008	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.02	< 0.02	NA
		2,700	430	2,100	1.2	NA	NA	NA	NA	108	0.007	0.010	< 0.005	< 0.01	< 0.01	0.07	< 0.005	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.01	0.04	NA	
		3,600	443	95	1.1	594	3	121	205	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	< 0.01	NA	
		3,390	390	1,900	1.1	563	3.4	121	220	111	< 0.004	0.0120	< 0.002	< 0.005	< 0.002	0.042	< 0.025	< 0.001	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.01	NA	
		3,430	370	1,800	1.3	566	3.5	127	211	113	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		3,460	410	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
		4,130	448	1,610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		3,200	340	1,800	NA	NA	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	< 0.03	0.01	< 0.01	< 0.01	NA	NA	< 0.03	NA	< 0.0002	< 0.05	< 0.01	NA	NA	NA	
		08/22/95 ^b	3,440	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	3,550	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	3,960	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	3,700	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	1,180	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	2,200	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	3,400	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	3,440	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	3,490	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 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)										Metals (mg/L)																								
		NO ₂ /NO ₃ - N, total										Total alkalinity (as CaCO ₃)	Sulfate	Chloride	TDS	Calcium	Potassium	Magnesium	Sodium																	
		1,000	250	600	10	none	none	none	none	none	none																									
NMWQCC Standard:														1,000	250	600	10	none	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	2,800	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	3,040	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	3,420	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	3,090	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	2,650	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	2,600	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	2,900	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	2,890	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	2,960	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	3,640	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	3,760	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	3,700	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	3,580	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	2,730	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													
	05/29/98	3,000	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	3,800	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	3,440	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	3,470	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													
	03/29/00	3,550	300	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.225	NA	0.0274	NA	NA	NA	NA	NA													
	03/29/01	4,180	304	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.115	NA	0.0209	NA	NA	NA	NA	NA	NA												
	07/01/02	3,600	250	1,500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.18	NA	0.040	NA	NA	NA	NA	NA	NA												

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)										Metals (mg/L)																									
		NO ₂ /NO ₃ - N, total										Total alkalinity (as CaCO ₃)	Sodium	Magnesium	Potassium	Calcium	Chloride	Sulfate	10	none	none	none	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum		
		TDS	1,000	250	600	2,000	0.1	587	3.7	193	117																									134	
NMWQCC Standard:																																					
MW-8	08/22/95	^b	3,640	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	0.01	0.33												
	09/19/96	^b	3,780	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	< 0.01	NA												
	08/01/97	^b	3,890	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	< 0.05	NA												
	11/02/97	^b	3,740	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	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.01	< 0.03	NA											
	01/29/98	^c	2,960	347	1,900	0.1	634	3	219	168	96	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA												
	05/27/98	^b	2,800	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	< 0.01	< 0.02	NA												
	08/14/98	^b	3,800	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	< 0.01	0.39	NA												
	12/27/98	^b	3,650	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	< 0.01	NA												
	03/25/99	^b	3,670	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	< 0.01	NA												
MW-9	08/23/95	^b	4,060	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	< 0.01	0.03	3.13												
	09/19/96	^b	3,810	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	< 0.01	0.02	NA												
	07/31/97	^b	4,270	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	< 0.05	NA												
	11/02/97	^b	4,000	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	< 0.01	< 0.03	NA												
	01/29/98	^c	3,730	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	< 0.01	< 0.02	NA												
	05/28/98	^b	3,200	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	< 0.01	< 0.02	NA												
	08/14/98	^b	4,200	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	< 0.01	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	0.038	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.02	NA												
	12/27/98	^c	3,800	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	0.0081	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.01	NA												
	03/24/99	^b	3,910	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	< 0.01	NA												

Table 5. Summary of Groundwater 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:																								
MW-10	09/19/96 ^b	3,390	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	< 0.01	0.02	NA
	07/31/97 ^b	3,550	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	< 0.05	NA
	11/01/97 ^b	3,520	340	1,890	0.74	600 ^(a)	3.5	146	225 ^(a)	128	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.01	< 0.03	NA
	01/27/98 ^c	2,910	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	< 0.01	< 0.02	NA
	05/26/98 ^b	3,000	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	< 0.01	0.20	NA
	08/13/98 ^b	3,300	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	< 0.01	0.04	NA
	12/22/98 ^b	3,390	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	< 0.01	NA
	03/23/99 ^b	3,390	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	< 0.01	NA
	03/27/00	3,440	390	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/01	4,000	379	1,560	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	07/03/02	3,400	310	1,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/19/96 ^b	3,480	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	< 0.01	0.04	NA
	07/30/97 ^b	3,550	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	0.01	NA
	11/01/97 ^b	3,530	370	1,900	0.67	630 ^(a)	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	< 0.01	< 0.03	NA
	01/27/98 ^c	2,940	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	< 0.01	< 0.02	NA
	05/26/98 ^b	3,000	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	< 0.01	0.21	NA
	08/13/98 ^b	3,300	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	< 0.01	0.06	NA
	12/22/98 ^b	3,780	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	< 0.01	NA
	03/24/99 ^b	2,480	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	< 0.01	NA
	03/27/00	3,100	380	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/27/01	3,730	406	1,480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
07/03/02	3,300	330	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

Table 5. Summary of Groundwater 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:		1,000	250	600	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.05	0.20	0.002	0.05	0.05	10	5
	MW-12	3,670	431	1,810	0.36	688	16	127	247	110	< 0.05	0.02	< 0.005	< 0.01	< 0.01	< 0.01	NA	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.01	NA
		09/17/96 ^b	3,670	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	< 0.01
		08/06/97 ^b	3,340	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)	3,400	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	< 0.03	
		11/04/97 ^b	2,680	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
		01/30/98 ^c	3,100	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
	(Dup MW-26)	3,200	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	
		08/15/98 ^b	3,300	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
		08/15/98 ^b	3,210	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)	3,360	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	3,330	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
		03/26/99 ^b	3,460	460	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.158	NA	1.18	NA	NA	NA	NA	NA
	MW-13	3,850	485	1,580	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.158	NA	1.38	NA	NA	NA	NA	NA	NA
		03/29/01 ^b	3,300	370	1,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.25	NA	1.8	NA	NA	NA	NA	NA
07/01/02 ^b																								
MW-13	09/19/96 ^b	2,810	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	3,640	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	3,760	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	2,970	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	2,900	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	3,700	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	3,160	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	3,110	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	3,510	550	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.908	NA	1.75	NA	NA	NA	NA	NA	
	03/29/01 ^b	4,090	593	1,330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.395	NA	2.14	NA	NA	NA	NA	NA	
	07/01/02 ^b	3,400	390	1,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21	NA	1.6	NA	NA	NA	NA	NA	

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)										Metals (mg/L)																						
		NO ₂ /NO ₃ - N, total										TDS	Chloride	Sulfate	600	10	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as CaCO ₃)	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
MW-14		1,000	250																		0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.20	0.002	0.05	0.05	10	5	
	09/24/96 ^b	3,580	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	< 0.05	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.05	< 0.05	< 0.01	< 0.01	NA		
	08/01/97 ^b	3,710	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	< 0.0002	< 0.05	< 0.05	< 0.05	< 0.05	< 0.0002	< 0.05	< 0.05	< 0.05	< 0.05	NA		
	11/02/97 ^b	3,500	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	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.01	< 0.03	NA		
	01/29/98 ^c	2,890	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	< 0.01	< 0.0002	< 0.1	< 0.01	< 0.01	< 0.0002	< 0.1	< 0.01	< 0.01	< 0.02	NA		
	05/27/98 ^b	2,700	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	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.02	NA		
	08/11/98 ^b	3,300	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	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.03	NA		
	12/23/98 ^b	3,380	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	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.01	NA		
	03/25/99 ^b	3,480	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	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.01	NA		
	03/28/00	3,450	380	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	03/28/01	4,050	391	1,610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/03/02	3,300	320	1,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	3,860	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	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	0.08	NA	
08/08/97 ^b		3,820	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	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	0.01	NA		
11/02/97 ^b		3,820	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	< 0.0002	< 0.04	< 0.01	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.01	< 0.03	< 0.03	NA		
01/28/98 ^c		2,970	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	< 0.0002	< 0.1	< 0.01	< 0.01	< 0.0002	< 0.1	< 0.01	< 0.01	< 0.04	< 0.04	NA		
05/27/98 ^b		2,900	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	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.02	< 0.02	NA		
08/13/98 ^b		3,900	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	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.01	< 0.0002	< 0.005	< 0.01	< 0.20	< 0.20	NA		
12/24/98 ^b		3,630	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	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.01	NA		
03/24/99 ^b		3,720	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	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.0002	< 0.010	< 0.003	< 0.01	< 0.01	NA		
03/28/00		3,720	480	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
03/28/01		4,290	509	1,690	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
07/03/02		3,700	400	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 5. Summary of Groundwater 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	
MW-17	NMWQCC Standard:	1,000	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	
		3,660	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	
		1,570	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	
		3,770	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	< 0.01	< 0.03	0.03	< 0.0002	< 0.04	< 0.01	< 0.03	NA
		2,880	444	1,700	0.6	629	3	168	249	64	< 0.1	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	0.018	< 0.0002	< 0.1	< 0.01	< 0.02	NA
		3,000	470	1,500	0.6	NA	NA	NA	NA	89	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	0.011	< 0.0002	< 0.005	< 0.01	< 0.02	NA
		3,900	443	2,100	0.6	578	2	161	257	124	< 0.005	< 0.005	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.005	0.044	< 0.0002	< 0.005	< 0.01	0.09	NA
		3,600	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	
		3,590	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	
		3,690	470	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		4,340	507	1,760	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		3,600	390	1,900	NA	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	4,240	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	
		3,850	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	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.03	NA
		3,100	424	1,900	0.8	641	7	225	166	55	< 0.1	0.017	< 0.006	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.1	< 0.01	< 0.02	NA
		2,800	430	1,800	0.8	NA	NA	NA	NA	69	< 0.005	0.015	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.05	< 0.005	< 0.0002	< 0.005	< 0.01	< 0.02	NA
		3,900	479	2,000	0.7	586	7	209	169	82	0.008	0.015	< 0.005	< 0.01	< 0.01	< 0.01	< 0.02	< 0.005	0.007	< 0.0002	< 0.005	< 0.01	0.08	NA
		3,610	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	
	12/24/98 ^b	3,700	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	
		03/24/99 ^b																						

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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:																								
MW-19	09/27/96 ^b	3,850	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	3,990	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	3,920	430	1,880	0.82	710 ^(a)	3.4	210	320 ^(a)	100	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.0002	< 0.04	< 0.01	< 0.01	NA	
	01/27/98 ^c	3,330	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	3,400	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	4,000	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	3,740	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	3,810	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	
	MW-20	08/07/97 ^b	3,710	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	3,710	290	1,950	0.23	670 ^(a)	2.6	140	270 ^(a)	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		3,090	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		3,000	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)		3,200	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		3,700	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		3,620	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)		3,660	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		3,670	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		3,780	310	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	< 0.001	NA	NA	NA	NA	NA	NA
(Dup MW-31)	3,790	300	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.01	NA	< 0.001	NA	NA	NA	NA	NA	NA	
(Dup MW-31)	03/29/01 ^b	4,250	300	1,880	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.01	NA	NA	NA	NA	NA	NA
	03/28/01 ^b	4,060	305	1,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	< 0.01	NA	NA	NA	NA	NA	NA
	07/01/02 ^b	3,600	220	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.043	NA	#####	NA	NA	NA	NA	NA	NA

Table 5. Summary of Groundwater 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:		1,000	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-21 (Dup MW-24)	08/07/97 ^b	3,960	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	3,700	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	3,020	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
	01/30/98 ^c	2,600	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	3,000	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	3,400	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	3,390	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	3,360	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	3,440	470	1,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.98	NA	1.52	NA	NA	NA	NA	NA
MW-22	03/29/01 ^b	4,090	475	1,570	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.17	NA	1.62	NA	NA	NA	NA	NA
	07/01/02 ^b	3,400	390	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	NA	1.8	NA	NA	NA	NA	NA
	08/07/97 ^b	3,630	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	3,570	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	2,690	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	2,700	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	3,600	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	3,390	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	3,380	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	3,500	420	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.028	NA	< 0.001	NA	NA	NA	NA	NA	
03/29/01 ^b	3,880	433	1,670	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.146	NA	< 0.01	NA	NA	NA	NA	NA	
07/01/02 ^b	3,500	330	1,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	NA	0.023	NA	NA	NA	NA	NA	

Table 5. Summary of Groundwater 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:																								
MW-23D	08/06/97 ^b	3,800	344	1,980	< 0.05	624	8	178	231	124	< 0.01	0.02	< 0.005	0.02	< 0.01	< 0.01	0.11	< 0.003	NA	< 0.0002	< 0.01	< 0.01	0.02	NA
	11/05/97 ^b	3,880	330	1,900	< 0.05	600 ^(a)	3.5	215	300 ^(a)	128	< 0.03	0.02	< 0.01	< 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	3,180	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	3,000	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	3,800	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	3,650	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	
MW-24D	04/05/99 ^b	3,700	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	
	10/29/98 ^c	3,300	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	3,220	330	1,800	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	3,360	330	1,800	< 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	
	10/29/98 ^c	3,000	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	
MW-25D	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	3,450	320	2,000	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	3,510	310	2,000	< 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	
	10/29/98 ^c	3,500	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	3,780	300	2,200	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	
MW-26	03/25/99 ^b	3,770	290	2,100	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	3,800	280	2,100	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	3,810	330	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.558	< 0.025	0.0104	NA	NA	NA	NA	NA	
	03/28/01 ^b	4,180	344	1,840	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.342	NA	< 0.01	NA	NA	NA	NA	NA	
	07/01/02 ^b	3,800	270	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	NA	0.020	NA	NA	NA	NA	NA	

Table 5. Summary of Groundwater Analyses - Inorganics
Compressor Station No. 9 - Roswell, NM

Well	Sampling Date	Major Ions (mg/L)										Metals (mg/L)												
		NO ₂ /NO ₃ - N, total										Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc	Aluminum
		TDS	Chloride	Sulfate	600	10	Calcium	Potassium	Magnesium	Sodium	Total alkalinity (as CaCO ₃)													
NMWQCC Standard:		1,000	250	600	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-28	11/18/00 ^b	2,500	383	2,030		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.7	NA	1.40	NA	NA	NA	NA	NA	NA
	03/28/01 ^b	4,030	386	1,560		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.06	NA	0.0469	NA	NA	NA	NA	NA	NA
	07/03/02 ^b	3,400	310	1,800		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.7	NA	0.080	NA	NA	NA	NA	NA	NA
MW-29	11/19/00 ^b	1,810	405	735		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	129	NA	3.63	NA	NA	NA	NA	NA	NA
	03/28/01 ^b	2,300	480	589		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.275	NA	0.262	NA	NA	NA	NA	NA	NA
	07/03/02 ^b	1,600	350	480		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3	NA	0.72	NA	NA	NA	NA	NA	NA
(Dup MW-34)	07/03/02 ^b	1,700	350	460		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.2	NA	0.75	NA	NA	NA	NA	NA	NA
MW-30	11/18/00 ^b	3,260	385	1,970		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.7	NA	1.38	NA	NA	NA	NA	NA	NA
	03/28/01 ^b	3,920	401	1,610		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.05	NA	0.0378	NA	NA	NA	NA	NA	NA
	07/03/02 ^b	3,400	320	1,800		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21	NA	0.0091	NA	NA	NA	NA	NA	NA
MW-31	10/04/01 ^b	3,930	478	1,550		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	0.0217	NA	NA	NA	NA	NA	NA
MW-32	10/04/01 ^b	3,490	510	1,180		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	0.173	NA	NA	NA	NA	NA	NA
MW-33	10/04/01 ^b	3,890	483	1,610		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.05	NA	0.0259	NA	NA	NA	NA	NA	NA
MW-36	11/1/03	3,200	380	2,000	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	NA	0.1100	NA	NA	NA	NA	NA	NA
MW-37	11/1/03	3,200	420	1,800	0.53	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	NA	1.40	NA	NA	NA	NA	NA	NA
MW-38	11/1/03	3,500	480	2,000	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.02	NA	0.0130	NA	NA	NA	NA	NA	NA

NOTES:

All results reported above the NMWQCC Standards are shown in bold type.

(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 6. 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-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	69.35	Flush Mount	2	60-70	58
RW-1	NA/Halliburton NUS	06/13/93	na	na	na	42.5	49.65	Flush Mount	na	na	na
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	73.80	Flush Mount	2	59-74	57.2
MW-9	Harrison/DBS	08/18/95	3,599.35	2,071.40	512.90	70	69.75	Flush Mount	2	50-70	47.9
MW-10	Layne/DBS	09/10/96	3,617.85	1,804.76	0.14	74.5	72.15	Flush Mount	2	57-72	55.3
MW-11	Layne/DBS	09/16/96	3,613.31	2,046.04	-27.10	72	68.30	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	71.46	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
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-31	GPI/CES	09/21/01	3,611.59	1,341.87	649.76	75	74.55	Flush Mount	2	60-75	58
MW-32	GPI/CES	09/23/01	3,608.73	1,088.91	563.93	75	74.20	Flush Mount	2	60-75	58
MW-33	GPI/CES	09/22/01	3,610.55	1,180.19	683.32	75	74.60	Flush Mount	2	60-75	58
MW-34	Atkins/CES	01/06/03	3605.05 (c)	933.24	536.25	79	75.75	Flush Mount	2	49-79	46

**Table 6. 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-35	Atkins/CES	01/07/03	3601.87 (c)	947.76	635.18	79	76.71	Flush Mount	2	49-79	46
MW-36	Atkins/CES	09/29/03	na	na	na	75	74.35	Flush Mount	2	55-75	53
MW-37	Atkins/CES	09/29/03	na	na	na	70	69.61	Flush Mount	2	50-70	48
MW-38	Atkins/CES	09/30/03	na	na	na	68	67.76	Flush Mount	2	48-68	46
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
SVE-1A	Layne/DBS	09/21/96	3,616.50	1,793.70	114.40	30	29.65	Flush Mount	2	20-30	19
SVE-2A	Layne/DBS	09/20/96	3,615.70	1,735.90	178.90	30	29.83	Flush Mount	2	20-30	17.5
SVE-3	Layne/DBS	09/16/96	3,614.51	1,881.00	176.60	62.3	61.90	Flush Mount	2	32.0-62.3	29.5
SVE-22	Atkins/CES	11/07/02	na	1746.89	226.73	35	33.20	Flush Mount	2	25-35	23
SVE-23	Atkins/CES	11/07/02	na	1832.49	254.54	39	36.70	Flush Mount	2	25-35	22
SVE-24	Atkins/CES	11/13/02	na	1918.08	282.35	30	28.85	Flush Mount	2	20-30	18
SVE-25	Atkins/CES	11/04/02	na	1813.77	166.51	34	53.30	Flush Mount	2	24-34	21.6
SVE-26	Atkins/CES	11/05/02	na	1884.06	191.23	35	32.45	Flush Mount	2	24-34	22
SVE-27	Atkins/CES	11/01/02	na	1965.96	206.14	35	33.90	Flush Mount	2	20-35	18
SVE-28	Atkins/CES	10/29/02	na	2052.33	231.44	35	36.00	Flush Mount	2	25-35	23
SVE-30	Atkins/CES	10/25/02	na	1946.05	114.40	45	44.00	Flush Mount	2	20-45	18
SVE-31	Atkins/CES	10/28/02	na	2031.05	143.99	35	33.95	Flush Mount	2	25-35	23
MPE-1	Atkins/CES	12/06/02	na	1099.58	600.30	79	75.60	Flush Mount	4	54-74	49
MPE-2	Atkins/CES	12/24/02	na	1039.89	532.94	79	71.75	Flush Mount	4	54-79	51
MPE-3	Atkins/CES	12/21/02	na	1128.06	514.93	79	75.95	Flush Mount	4	54-79	51
MPE-4	Atkins/CES	12/19/12	na	1187.75	582.28	79	78.30	Flush Mount	4	54-79	51
MPE-5	Atkins/CES	12/16/02	na	1277.20	572.35	79	77.70	Flush Mount	4	59-79	56
MPE-6	Atkins/CES	12/17/02	na	1216.24	496.91	79	75.00	Flush Mount	4	54-79	51
MPE-7	Atkins/CES	12/13/02	na	1305.69	486.98	79	78.41	Flush Mount	4	54-74	51
MPE-8	Atkins/CES	12/14/02	na	1405.38	500.61	79	77.55	Flush Mount	4	59-79	50
MPE-9	Atkins/CES	12/18/02	na	1334.63	413.06	79	73.60	Flush Mount	4	54-74	51
MPE-10	Atkins/CES	12/09/02	na	1432.19	416.74	79	75.30	Flush Mount	4	54-74	50
MPE-11	Atkins/CES	12/07/02	na	1492.97	479.94	79	79.05	Flush Mount	4	54-74	50
MPE-12	Atkins/CES	12/06/02	na	1522.61	383.57	79	75.40	Flush Mount	4	54-74	51
MPE-13	Atkins/CES	12/03/02	na	1570.20	436.35	79	77.60	Flush Mount	4	54-74	50.7

**Table 6. 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)
MPE-14	Atkins/CES	11/25/02	na	1631.84	435.21	79	76.80	Flush Mount	4	54-74	51
MPE-15	Atkins/CES	11/22/02	na	1714.06	455.52	79	79.25	Flush Mount	4	59-74	54
MPE-16	Atkins/CES	11/27/02	na	1613.13	347.18	79	78.20	Flush Mount	4	54-74	49
MPE-17	Atkins/CES	11/20/02	na	1698.72	374.99	75	76.10	Flush Mount	4	55-70	49
MPE-18	Atkins/CES	11/21/02	na	1784.32	402.80	79	78.68	Flush Mount	4	58-73	55
MPE-19	Atkins/CES	11/26/02	na	1680.01	286.96	79	74.12	Flush Mount	4	49-74	46
MPE-20	Atkins/CES	11/20/02	na	1765.60	314.77	78	77.60	Flush Mount	4	48-73	42
MPE-21	Atkins/CES	11/19/02	na	1852.27	337.91	69	68.90	Flush Mount	4	44-64	41.9
MPE-22	Atkins/CES	11/07/02	na	1746.89	226.73	80	77.52	Flush Mount	4	55-80	52
MPE-23	Atkins/CES	11/06/02	na	1832.49	254.54	80	78.41	Flush Mount	4	55-80	52
MPE-24	Atkins/CES	11/13/02	na	1918.08	282.35	74	73.77	Flush Mount	4	49-74	46
MPE-25	Atkins/CES	11/04/02	na	1813.77	166.51	80	77.45	Flush Mount	4	54-79	51
MPE-26	Atkins/CES	11/06/02	na	1884.06	191.23	84	77.35	Flush Mount	4	54-84	49
MPE-27	Atkins/CES	10/31/02	na	1965.96	206.14	79	79.40	Flush Mount	4	54-79	48
MPE-28	Atkins/CES	10/31/02	na	2052.33	231.44	82	77.67	Flush Mount	4	46-76	43
MPE-29	Atkins/CES	11/02/02	na	1859.68	89.10	79	78.35	Flush Mount	4	54-79	51
MPE-30	Atkins/CES	10/25/02	na	1946.05	114.40	80	77.96	Flush Mount	4	59-79	56
MPE-31	Atkins/CES	10/28/02	na	2031.05	143.99	80	78.80	Flush Mount	4	59-79	58
MPE-32	Atkins/CES	11/19/02	na	2117.42	169.29	79	78.30	Flush Mount	4	44-74	39.2
MPE-33	Atkins/CES	11/18/02	na	2202.42	198.88	79	78.00	Flush Mount	4	44-79	41.6
MPE-34	Atkins/CES	10/24/02	na	2014.18	55.59	80	77.52	Flush Mount	4	59-79	56
MPE-35	Atkins/CES	11/15/02	na	2099.18	85.18	79	79.21	Flush Mount	4	54-74	51
MPE-36	Atkins/CES	11/14/02	na	2185.55	110.48	74	71.31	Flush Mount	4	44-74	41
MPE-37	Atkins/CES	11/15/02	na	2270.54	140.07	74	73.60	Flush Mount	4	44-74	41

NOTES:

- (a) Driller/Consultant
- (b) Survey by Wagener Engineering dated 5/6/98, 9/17/98, 11/29/00 and 10/03/01
- (c) Survey by Cypress Engineering dated 3/14/03

**Table 7. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
Compressor Station No. 9 - Roswell, NM**

Well ID	Analytical Requirements		Benzene (ppb) Most recent event	Comments
	1st Semiannual Event	2nd Semiannual Event		
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	none	BTEX	<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	none	BTEX	<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	none	BTEX	<1	clean; upgradient perimeter well
MW-11	none	BTEX	<1	clean perimeter well
MW-12	BTEX	BTEX	66	COCs: benzene; elevated Fe & Mn
MW-13	BTEX	BTEX	<1	COCs: benzene; elevated Fe & Mn
MW-14	none	BTEX	3.3	clean perimeter well
MW-15	none	BTEX	<1	clean perimeter well
MW-16	none	none	na	PSH in well
MW-17	none	BTEX	<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	VOCs	1.2	COCs: DCA, DCE, TCA; elevated Fe & Mn
MW-21	BTEX	BTEX	<1	COCs: benzene; elevated Fe & Mn
MW-22	VOCs	VOCs	<1	COCs: DCE, TCA; elevated Fe & Mn
MW-23D	none	BTEX	<1	clean deep well
MW-24D	none	BTEX	<1	clean deep well
MW-25D	none	BTEX	<1	clean deep well
MW-26	VOCs	VOCs	<1	COCs: DCE; elevated Fe & Mn
MW-27	none	none	na	PSH in well
MW-28	none	BTEX	<1	
MW-29	BTEX	BTEX	210	COCs: benzene; elevated Mn
MW-30	none	BTEX	<1	
MW-31	none	BTEX	<1	
MW-32	BTEX	BTEX	360	
MW-33	none	BTEX	<1	
MW-34	BTEX	BTEX	74	New well
MW-35	BTEX	BTEX	<1	New well
MW-36	BTEX	BTEX	<1	New well
MW-37	BTEX	BTEX	<1	New well
MW-38	BTEX	BTEX	<1	New well
MPE-2	BTEX	BTEX	250	Multiphase extraction well
MPE-11	BTEX	BTEX	96	Multiphase extraction well
MPE-12	BTEX	BTEX	15	Multiphase extraction well

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) BTEX - by EPA Method 8260

**Table 8. Summary of Vapor Sample Analyses for the SVE System
Compressor Station No. 9 - Roswell, NM**

Sample ID	Date	Gasoline Range VOCs		Estimated Process Flow	Potential Emissions	< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) ^(a)												
(%)															
West Baker Furnace	05/21/03	3,220	980	128	1.5	1.0	19.7	40.0	28.8	7.5	2.4	0.5	0.1	0.0	0.0
Duplicate (SVE-1)	05/21/03	3,680	1,120	128	1.8	0.0	20.6	39.8	29.3	7.6	2.2	0.4	0.1	0.0	0.0
West Baker Furnace	06/04/03	3,660	1,114	127	1.7	0.7	36.1	23.0	32.6	4.6	2.3	0.5	0.0	0.0	0.2
Duplicate (SVE-1)	06/04/03	3,180	968	127	1.5	0.4	37.4	34.7	20.8	4.5	2.0	0.2	0.0	0.0	0.0
West Baker Furnace	12/15/04	979	298	157	0.6	10.0	36.1	40.2	7.1	5.2	0.8	0.5	0.0	0.1	0.0
West Baker Furnace	12/22/04	320	97	168	0.2	8.8	31.5	33.8	15.3	6.7	3.0	0.3	0.5	0.1	0.0
East Baker Furnace	05/21/03	1,850	563	175	1.2	0.0	16.5	29.1	26.2	14.2	8.0	2.2	0.7	2.4	0.7
Duplicate (SVE-2)	05/21/03	2,070	630	175	1.4	0.0	16.6	29.8	27.2	15.1	8.6	1.8	0.6	0.1	0.2
East Baker Furnace	06/04/03	3,450	1,050	142	1.8	0.4	39.8	30.3	19.0	7.1	2.5	0.8	0.1	0.0	0.0
Duplicate (SVE-2)	06/04/03	3,370	1,025	142	1.8	0.3	40.2	29.9	19.0	7.2	2.6	0.7	0.1	0.0	0.0
East Baker Furnace	12/15/04	2,800	852	215	2.3	1.4	38.5	39.9	15.8	3.5	0.5	0.2	0.0	0.1	0.1
East Baker Furnace	12/22/04	1,520	463	174	1.0	4.7	32.0	33.9	24.6	3.6	1.0	0.1	0.1	0.0	0.0
A Circuit	07/22/03	2,540	773	132	1.3	0.0	17.2	38.5	31.1	7.6	3.1	0.5	0.5	1.5	0.0
Duplicate (A Circuit) (SVE-1)	07/22/03	2,140	651	132	1.1	0.0	17.8	39.0	30.1	9.8	2.8	0.4	0.0	0.1	0.0
A Circuit	03/02/04	1,050	320	24	0.1	0.1	36.2	44.4	17.5	1.5	0.3	0.0	0.0	0.0	0.0
A Circuit	12/15/04	3,680	1,120	34	0.5	0.2	35.0	42.3	17.6	4.4	0.4	0.1	0.0	0.0	0.0
A Circuit	12/22/04	660	201	81	0.2	18.6	43.0	31.1	6.3	0.5	0.2	0.0	0.3	0.0	0.0
B Circuit	07/27/03	7,640	2,325	110	3.1	0.2	34.6	20.4	33.3	8.0	2.5	0.7	0.3	0.0	0.0
B Circuit	03/02/04	9,420	2,867	80	2.8	0.1	40.2	40.4	18.1	1.2	0.0	0.0	0.0	0.0	0.0
B Circuit	12/15/04	6,380	1,941	90	2.1	0.1	33.1	50.3	14.2	2.2	0.1	0.0	0.0	0.0	0.0
B Circuit	12/22/04	4,990	1,518	73	1.4	0.3	40.8	39.7	18.1	1.1	0.0	0.0	0.0	0.0	0.0
C Circuit	08/18/03	1,250	380	130	0.6	0.0	37.5	35.6	22.5	3.9	0.5	0.0	0.0	0.0	0.0
C Circuit	03/02/04	7,890	2,401	64	1.9	0.1	25.4	39.2	30.1	4.7	0.5	0.0	0.0	0.0	0.0
C Circuit	12/15/04	857	261	90	0.3	5.7	49.5	41.5	2.1	0.4	0.2	0.5	0.0	0.1	0.0
C Circuit	12/22/04	2,770	843	59	0.6	3	22.5	37.1	32.2	4.6	0.3	0.0	0.1	0.0	0.0
D Circuit	08/25/03	2,380	724	119	1.1	0.0	49.6	35.7	13.4	1.0	0.1	0.0	0.0	0.1	0.1
D Circuit	03/02/04	52,600	16,006	64	12.6	0.0	32.1	47.8	18.8	1.2	0.1	0.0	0.0	0.0	0.0
D Circuit	12/15/04	14,400	4,382	90	4.8	0.1	34.3	53.7	11.0	0.9	0.0	0.0	0.0	0.0	0.0
D Circuit	12/22/04	13,600	4,138	59	3.0	0.1	35.7	45.3	17.9	1.0	0.0	0.0	0.0	0.0	0.0

Table 8. Summary of Vapor Sample Analyses for the SVE System
Compressor Station No. 9 - Roswell, NM

Sample ID	Date	Gasoline Range VOCs		Estimated Process Flow (scfm)	Potential Emissions (lb/hr)	< C5	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ug/L)	(ppmv) ^(a)											
		(%)												
Shallow Circuit	03/02/04	1,200	365	48	0.2	0.3	13.5	32.7	40.9	11.3	1.3	0.0	0.0	0.0
Shallow Circuit	12/15/04	3,630	1,105	68	0.9	0.7	17.1	44.2	28.2	6.8	0.8	1.3	0.2	0.0
Shallow Circuit	12/22/04	584	178	66	0.1	2.3	14.2	35.9	36.7	7.7	0.7	0.4	0.6	0.7

(a) Conversion Factor:
P = 1.00 atm, MW = 79 g/mole, R = 0.08205 L*atm/(K*mole), T = 293°K
C ppmv = C ug/L * (R * T)/(MW*P))
C ppmv = C ug/L * 0.3043

**Table 9. Summary of Vapor Sample Analyses for Individual SVE Wells
Compressor Station No. 9 - Roswell, NM**

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
			(ug/L)	(ppmv) ^(a)										
(%)														
MPE-1	08/03/03	3.3	5	1.6	0.0	0.0	0.9	5.4	23.4	36.1	26.5	6.4	1.3	0.0
	12/22/04	--	461	140.3	0.3	7.9	25.3	45.6	16.0	4.0	0.0	0.7	0.2	0.0
MPE-2	08/03/03	3.1	9	2.7	0.0	0.0	0.7	5.1	20.1	29.0	19.6	4.9	17.8	2.8
	12/22/04	--	506	154.0	0.4	7.7	25.3	46.1	16.2	3.8	0.0	0.5	0.0	0.0
MPE-3	08/03/03	3.4	7	2.1	0.0	1.7	9.1	16.4	23.9	32.4	15.9	0.6	0.0	0.0
	12/22/04	--	564	171.6	0.5	7.9	25.7	45.8	16.0	3.6	0.0	0.4	0.1	0.0
MPE-4	08/03/03	3.2	16	4.8	0.0	2.6	17.7	21.3	26.7	21.3	9.9	0.3	0.2	0.0
	12/22/04	--	620	188.7	0.5	8.4	26.3	41.7	18.9	3.5	0.3	0.4	0.0	0.0
MPE-5	08/03/03	3.6	9	2.9	0.0	0.6	5.8	17.9	33.1	30.5	11.9	0.2	0.0	0.0
	12/22/04	--	536	163.1	0.8	8.2	26.0	49.4	12.2	2.6	0.0	0.7	0.1	0.0
MPE-6	08/03/03	3.9	8	2.5	0.0	0.0	2.1	12.8	29.7	35.3	19.8	0.3	0.0	0.0
	12/22/04	--	639	194.4	1.0	9.1	26.9	48.2	12.0	2.1	0.0	0.6	0.1	0.0
MPE-7	08/03/03	7.2	107	32.6	0.0	47.4	22.0	17.8	5.6	2.8	1.7	0.7	2.0	0.0
	12/22/04	--	727	221.2	0.9	8.6	25.5	44.2	11.2	9.1	0.0	0.5	0.0	0.0
MPE-8	08/03/03	5.1	34	10.2	0.0	9.5	17.4	34.1	19.5	9.4	4.8	1.6	3.7	0.0
	12/22/04	--	811	246.8	1.3	10.6	29.2	46.1	10.8	1.5	0.0	0.5	0.0	0.0
MPE-9	08/03/03	23.9	260	79.1	0.0	55.0	26.1	14.5	2.8	1.1	0.5	0.0	0.0	0.0
	12/22/04	--	1,590	483.8	2.8	24.3	31.9	32.2	7.3	1.1	0.0	0.3	0.1	0.0
MPE-10	08/03/03	8.6	68	20.8	0.0	28.4	29.8	24.3	10.0	5.3	2.2	0.0	0.0	0.0
	12/22/04	--	1,140	346.9	0.1	10.5	30.4	43.5	13.4	2.0	0.0	0.1	0.0	0.0
MPE-11	08/03/03	5.3	29	8.9	0.0	15.4	26.5	27.1	14.8	10.7	5.1	0.1	0.3	0.0
	12/22/04	--	1,400	426.0	0.3	9.8	30.7	46.1	11.2	1.6	0.0	0.2	0.1	0.0
MPE-12	08/03/03	130.6	5,600	1,704.1	0.0	35.0	38.7	22.4	3.5	0.4	0.0	0.0	0.0	0.0
	12/22/04	--	1,940	590.3	0.3	12.1	35.1	43.2	8.1	1.0	0.0	0.2	0.0	0.0
MPE-13	08/03/03	156.9	7,290	2,218.3	0.0	16.6	61.3	18.9	2.9	0.3	0.0	0.0	0.0	0.0
	12/22/04	--	4,930	1,500.2	0.0	24.9	42.5	27.9	4.1	0.5	0.0	0.1	0.0	0.0
MPE-14	08/03/03	162.7	8,480	2,580.5	0.0	48.6	29.0	19.2	2.7	0.3	0.1	0.0	0.1	0.0
	12/22/04	--	4,770	1,451.5	0.1	28.5	41.7	25.4	3.8	0.4	0.0	0.1	0.0	0.0
MPE-15	08/03/03	106.3	1,700	517.3	0.0	21.6	32.9	34.0	9.7	1.8	0.0	0.0	0.0	0.0
	12/22/04	--	1,920	584.3	0.4	11.7	33.9	43.5	9.3	1.1	0.0	0.1	0.0	0.0
MPE-16	08/03/03	134.2	3,430	1,043.7	0.0	32.6	35.2	25.9	5.4	0.8	0.1	0.0	0.0	0.0
	12/22/04	--	4,410	1,342.0	0.0	24.5	40.8	29.2	4.9	0.5	0.0	0.1	0.0	0.0

**Table 9. Summary of Vapor Sample Analyses for Individual SVE Wells
Compressor Station No. 9 - Roswell, NM**

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
			(ug/L)	(ppmv) ^(a)										
(%)														
MPE-17	08/03/03	95.7	1,960	596.4	0.0	15.0	30.1	37.8	14.2	2.8	0.1	0.0	0.0	0.0
	12/22/04	--	3,140	955.5	0.2	20.1	34.9	36.8	7.3	0.7	0.0	0.0	0.0	0.0
MPE-18	08/03/03	65.7	971	295.5	0.0	10.2	25.6	37.7	20.5	5.6	0.4	0.0	0.0	0.0
	12/22/04	--	4,380	1,332.8	0.1	13.8	37.7	41.2	6.7	0.5	0.0	0.0	0.0	0.0
MPE-19	08/03/03	88.2	2,430	739.4	0.0	35.0	28.7	24.3	8.9	2.8	0.3	0.0	0.0	0.0
	12/22/04	--	7,820	2,379.6	0.0	14.5	43.5	37.5	4.2	0.3	0.0	0.0	0.0	0.0
MPE-20	08/03/03	132.8	19,800	6,025.1	0.0	55.2	27.5	14.6	2.2	0.3	0.2	0.0	0.0	0.0
	12/22/04	--	23,300	7,090.2	0.0	34.8	43.9	20.1	1.2	0.0	0.0	0.0	0.0	0.0
MPE-21	08/03/03	131.7	27,900	8,490.0	0.0	27.0	53.2	17.3	2.2	0.2	0.1	0.0	0.0	0.0
	12/22/04	--	18,600	5,660.0	0.0	35.7	45.0	18.3	0.9	0.1	0.0	0.0	0.0	0.0
MPE-22	08/03/03	123.3	4,070	1,238.5	0.0	47.2	28.4	19.5	3.5	0.6	0.3	0.2	0.3	0.0
	12/22/04	--	3,770	0.0	30.9	49.0	18.8	1.2	0.1	0.0	0.0	0.0	0.0	0.0
MPE-23	08/03/03	136.0	6,660	2,026.6	0.0	30.4	51.3	15.4	2.5	0.4	0.0	0.0	0.0	0.0
	12/22/04	--	6,520	1,984.0	0.0	27.6	47.6	23.4	1.3	0.1	0.0	0.0	0.0	0.0
MPE-24	08/03/03	139.9	26,200	7,972.7	0.0	31.9	53.5	12.8	1.7	0.1	0.0	0.0	0.0	0.0
	12/22/04	--	33,300	10,133.2	0.0	33.1	45.7	20.4	0.8	0.0	0.0	0.0	0.0	0.0
MPE-25	08/03/03	136.4	3,730	1,135.0	0.0	26.6	39.8	26.3	6.3	1.0	0.0	0.0	0.0	0.0
	12/22/04	--	5,410	1,646.3	0.0	11.4	38.4	44.3	5.6	0.3	0.0	0.0	0.0	0.0
MPE-26	08/03/03	144.6	9,160	2,787.4	0.0	32.6	37.4	24.9	4.4	0.5	0.2	0.0	0.0	0.0
	12/22/04	--	5,920	1,801.5	0.0	21.7	38.9	34.4	4.7	0.3	0.0	0.0	0.0	0.0
MPE-27	08/03/03	142.5	77,400	23,552.8	0.0	31.7	55.3	11.5	1.3	0.1	0.1	0.0	0.0	0.0
	12/22/04	--	6,350	1,932.3	0.1	29.3	43.0	24.3	3.1	0.2	0.0	0.0	0.0	0.0
MPE-28	08/03/03	162.1	25,900	7,881.4	0.0	27.4	52.3	17.2	2.9	0.2	0.0	0.0	0.0	0.0
	12/22/04	--	15,300	4,655.8	0.0	26.6	50.9	20.9	1.4	0.1	0.0	0.1	0.0	0.0
MPE-29	08/03/03	160.4	7,710	2,346.2	0.0	13.7	53.7	24.7	6.8	1.1	0.0	0.0	0.0	0.0
	12/22/04	--	3,400	1,034.6	1.2	14.0	40.3	39.1	4.9	0.4	0.0	0.1	0.0	0.0
MPE-30	08/03/03	154.6	59,200	18,014.6	0.0	29.0	54.8	14.6	1.5	0.1	0.0	0.0	0.0	0.0
	12/22/04	--	26,400	8,033.5	0.0	30.9	44.9	22.8	1.3	0.1	0.0	0.0	0.0	0.0
MPE-31	08/03/03	256.2	17,000	5,173.1	0.0	11.4	33.1	48.3	6.5	0.7	0.0	0.0	0.0	0.0
	12/22/04	--	18,500	5,629.6	0.0	28.5	43.5	25.3	2.5	0.2	0.0	0.0	0.0	0.0
MPE-32	08/03/03	190.0	9,520	2,896.9	0.0	14.3	52.1	25.6	7.0	1.0	0.0	0.0	0.0	0.0
	12/22/04	--	5,600	1,704.1	0.0	10.8	36.0	44.1	8.4	0.7	0.0	0.0	0.0	0.0

**Table 9. Summary of Vapor Sample Analyses for Individual SVE Wells
Compressor Station No. 9 - Roswell, NM**

Sample ID	Date	PID Readings	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
			(ug/L)	(ppmv) ^(a)										
(%)														
MPE-33	08/03/03	169.9	3,800	1,156.3	0.0	23.2	36.1	28.6	10.0	2.1	0.0	0.0	0.0	0.0
	12/22/04	--	3,370	1,025.5	0.8	13.7	35.3	40.2	8.9	1.0	0.0	0.1	0.0	0.0
MPE-34	08/03/03	143.3	5,040	1,533.7	0.0	10.0	28.2	46.0	14.0	1.8	0.0	0.0	0.0	0.0
	12/22/04	--	2,290	696.8	0.0	10.4	34.9	42.0	11.3	1.4	0.0	0.0	0.0	0.0
MPE-35	08/03/03	105.8	3,100	943.3	0.0	9.9	27.7	47.5	11.7	2.9	0.3	0.0	0.0	0.0
	12/22/04	--	1,840	559.9	0.7	11.5	33.4	42.7	10.3	1.3	0.0	0.1	0.0	0.0
MPE-36	08/03/03	113.1	2,500	760.8	0.0	22.3	33.5	29.3	11.7	2.9	0.3	0.0	0.0	0.0
	12/22/04	--	1,600	486.9	0.8	11.2	31.7	43.1	11.3	1.7	0.0	0.2	0.0	0.0
MPE-37	08/03/03	90.7	2,050	623.8	0.0	16.9	32.1	30.7	9.7	3.7	3.3	1.9	1.5	0.2
	12/22/04	--	1,480	450.4	0.2	10.3	31.7	42.1	12.8	2.3	0.3	0.3	0.0	0.0
SVE-22	08/03/03	8.7	336	102.2	0.0	3.3	21.2	48.2	22.3	3.8	1.2	0.0	0.0	0.0
SVE-23	08/03/03	8.4	53	16.2	0.0	4.2	25.2	41.5	19.0	7.3	2.5	0.1	0.2	0.0
	12/22/04	--	433	131.8	1.9	13.7	39.3	30.7	11.9	1.4	0.0	0.9	0.2	0.0
SVE-24	08/03/03	4.7	17	5.1	0.0	1.0	8.8	32.6	30.1	20.0	7.5	0.0	0.0	0.0
	12/22/04	--	780	237.4	1.4	11.2	32.0	43.9	10.0	1.2	0.0	0.2	0.1	0.0
SVE-25	08/03/03	62.1	1,270	386.5	0.0	12.7	31.2	36.7	15.0	4.0	0.4	0.0	0.0	0.0
	12/22/04	--	309	94.0	0.8	9.5	29.5	45.0	12.7	2.2	0.0	0.2	0.1	0.0
SVE-26	08/03/03	51.5	880	267.8	0.0	12.6	31.1	36.9	15.0	4.0	0.4	0.0	0.0	0.0
SVE-27	08/03/03	73.0	1,800	547.7	0.0	13.5	29.2	37.5	13.3	3.3	0.9	0.8	1.4	0.1
	12/22/04	--	215	65.4	1.1	10.8	33.0	31.5	17.7	4.9	0.0	0.7	0.3	0.0
SVE-28	08/03/03	78.8	1,690	514.3	0.0	17.3	34.7	34.0	10.9	2.7	0.4	0.0	0.0	0.0
	12/22/04	--	132	40.2	0.2	9.0	26.1	45.9	13.7	4.1	0.0	0.9	0.1	0.0
SVE-30	08/03/03	75.9	734	223.4	0.0	13.9	26.2	35.4	18.2	5.7	0.6	0.0	0.0	0.0
	12/22/04	--	239	72.7	1.5	11.3	34.4	30.8	17.2	4.2	0.0	0.6	0.0	0.0
SVE-31	08/03/03	78.8	1,470	447.3	0.0	18.0	32.6	33.3	12.1	3.5	0.5	0.0	0.0	0.0

(a) Conversion Factor:
P = 1.00 atm, MW = 79 g/mole, R = 0.08205 L*atm/(K*mole), T = 293°K
C ppmv = C ug/L * (R * T)/(MW*P))
C ppmv = C ug/l * 0.3043

(a) Conversion Factor:

P = 1.00 atm, MW = 79 g/mole, R = 0.08205 L*atm/(K*mole), T = 293°K

C ppmv = C ug/L * ((R * T)/(MW*P))

C ppmv = C ug/L * 0.3043

**Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM**

Sample Point	Sampling Date	BTEX (ug/L)					TPH (mg/L)				Other VOCs (ug/L)			Major Ions (mg/L)				
		Benzene	Toluene	Ethylbenzene	Xylenes (total)		GRO (Gasoline Range)	DRO (Diesel Range)	MRO (Motor Oil Range)	Total TPH	Acetone	2-Butanone	All Others	TDS	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride
Post-Treatment	NMWQCC Standard:																	
	09/29/03	2,600	8,200	450	3,500						< 2500	< 2500	ND		430	780	< 0.1	1.2
	11/21/03	810	310	41	290													
	12/08/03	< 0.5	< 0.5	< 0.5	< 0.5													
	12/16/03	< 1.0	< 1.0	< 1.0	< 1.0													
	03/02/04	2.6	< 1.0	< 1.0	< 1.0							< 25	ND		450	880	< 0.1	1.5
	04/19/04	< 1.0	< 1.0	< 1.0	< 1.0		< 0.05	0.57	< 5.0	< 5.6	140	32	ND		410	760	< 0.5	1.7
	05/20/04	2.1	< 1.0	< 1.0	< 1.0		0.06	< 1.0	< 5.0	< 6.1	50	20			410	1,000	< 0.1	1.7
	07/13/04	< 1.0	< 1.0	< 1.0	< 1.0						13	< 10	ND		400	1,100	1.1	2.1
	08/17/04	< 1.0	< 1.0	< 1.0	< 1.0						72	< 10	ND		380	1,100	< 0.1	2.6
	09/16/04	< 1.0	< 1.0	< 1.0	< 1.0						61	< 10	ND		400	910	< 0.1	1.9
	10/15/04	< 1.0	< 1.0	< 1.0	< 1.0						< 10	< 10	ND		390	770	< 0.1	1.6
	11/15/04	< 1.0	< 1.0	< 1.0	< 1.0						36	< 10	ND		420	870	< 0.1	1.7
Between GACs	04/19/04	7.3	< 1.0	< 1.0	< 1.0		0.11	0.57	< 5.0	< 5.7								
	05/20/04	28	1.6	< 1.0	< 1.0		0.32	< 1.0	< 5.0	< 6.3		25						
	07/13/04	< 0.5	< 0.5	< 0.5	< 0.5		< 0.05	< 1.0	< 5.0	< 6.1								
	08/17/04	< 0.5	< 0.5	< 0.5	< 0.5		< 0.05	< 1.0	< 5.0	< 6.1								
	09/16/04	< 0.5	< 0.5	< 0.5	< 0.5		< 0.05			< 0.05								
	10/15/04	< 0.5	< 0.5	< 0.5	< 0.5		0.07			< 0.07								
	11/15/04	0.51	< 0.5	< 0.5	< 0.5		< 0.05			< 0.05								
Post-Air Stripper	04/19/04	180	220	< 10	140		7.5	45	9.9	62			ND					
	05/20/04	54	81	2.6	42		1.0	1.2	< 5.0	< 7.2	34	< 10						
	07/13/04	9.4	13.0	2.1	7.6		0.82	1.1	< 5.0	< 6.9								
	08/17/04	3.9	7.7	< 0.5	6.4		0.46	< 1.0	< 5.0	< 6.5								
	09/16/04	4.6	6.9	< 1.0	4.3		0.23			0.23								
	10/15/04	760	760	26	250		0.23			0.23								
	11/15/04	86	100	5	57		1.7			1.7								

**Table 10. Summary of Water Treatment System Analyses
Compressor Station No. 9 - Roswell, NM**

Sample Point	BTEX (ug/L)					TPH (mg/L)				Other VOCs (ug/L)				Major Ions (mg/L)				
	Benzene	Toluene	Ethylbenzene	Xylenes (total)		GRO (Gasoline Range)	DRO (Diesel Range)	MRO (Motor Oil Range)	Total TPH	Acetone	2-Butanone	All Others		TDS	Chloride	Sulfate	Nitrate (NO3 as N)	Fluoride
	10	750	750	620		none	none	none	none	none	none	NA		1,000	250	600	10.0	1.6
Pre-Treatment	6,900	8,500	280	2,600		37	1.3	< 5.0	< 43.3	---	---	---		---	---	---	---	---
	6,000	7,600	240	2,400		37	< 1.0	< 5.0	< 43.0	---	---	---		---	---	---	---	---
	6,200	8,100	360	2,600		37	---	---	37	---	---	---		---	---	---	---	---
	4,000	4,400	220	1,700		26	---	---	26	---	---	---		---	---	---	---	---
	6,600	7,800	300	2,600		37	---	---	37	---	---	---		---	---	---	---	---

NOTES:

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

All results reported above the NMWQCC standard are shown in bold type

(---) A result for this constituent is not available

(a) Analyte present in method blank

**Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site**

Date	Time	Inspector	Meter reading (x100 gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
12/31/03	1200	NA	1,395	0	0	0	0.00	--	--			
01/11/04	1200	CB	1,395	0	0	0	0.00	--	--			
01/12/04	1200	CB	1,413	1,800	1,800	1.00	1.00	1800	1.25			
01/14/04	1200	CB	1,459	4,600	6,400	2.00	3.00	2300	1.60			
01/31/04	1200	NA	1,459	0	6,400	17.00	20.00	0	0.00	January	6400	206
02/09/04	1200	CB	1,476	1,700	8,100	26.00	29.00	65	0.05			
02/17/04	1200	CB	1,486	1,000	9,100	8.00	37.00	125	0.09			
02/18/04	1200	CB	1,501	1,500	10,600	1.00	38.00	1500	1.04			
02/19/04	1200	CB	1,535	3,400	14,000	1.00	39.00	3400	2.36			
02/20/04	1200	CB	1,538	300	14,300	1.00	40.00	300	0.21			
02/21/04	1200	CB	1,571	3,300	17,600	1.00	41.00	3300	2.29			
02/23/04	1200	CB	1,611	4,000	21,600	2.00	43.00	2000	1.39			
02/26/04	1200	CB	1,620	900	22,500	3.00	46.00	300	0.21			
02/29/04	1200	NA	1,620	0	22,500	3.00	49.00	0	0.00	February	16100	555
03/02/04	1200	CB	1,648	2,800	25,300	2.00	51.00	1400	0.97			
03/04/04	1200	CB	1,717	6,900	32,200	2.00	53.00	3450	2.40			
03/31/04	1200	NA	1,717	0	32,200	27.00	80.00	0	0.00	March	9700	313
04/15/04	1200	CB	1,744	2,700	34,900	42.00	95.00	64	0.04			
04/16/04	1200	CB	1,761	1,700	36,600	1.00	96.00	1700	1.18			
04/17/04	1200	CB	1,779	1,800	38,400	1.00	97.00	1800	1.25			
04/18/04	1200	CB	1,789	1,000	39,400	1.00	98.00	1000	0.69			
04/19/04	1200	CB	1,804	1,500	40,900	1.00	99.00	1500	1.04			
04/20/04	1200	CB	1,817	1,300	42,200	1.00	100.00	1300	0.90			
04/21/04	1200	CB	1,834	1,700	43,900	1.00	101.00	1700	1.18			
04/24/04	1200	CB	1,860	2,600	46,500	3.00	104.00	867	0.60			
04/26/04	1200	CB	1,890	3,000	49,500	2.00	106.00	1500	1.04			
04/28/04	1200	CB	1,936	4,600	54,100	2.00	108.00	2300	1.60			
04/30/04	1200	CB	1,990	5,400	59,500	2.00	110.00	2700	1.88	April	27300	910
05/01/04	1200	CB	2,014	2,400	61,900	1.00	111.00	2400	1.67			
05/04/04	1200	CB	2,070	5,600	67,500	3.00	114.00	1867	1.30			
05/07/04	1200	CB	2,099	2,900	70,400	1.00	115.00	2900	2.01			
05/08/04	1200	CB	2,141	4,200	74,600	2.00	117.00	2100	1.46			
05/08/04	1200	CB	2,142	100	74,700	1.00	118.00	100	0.07			
05/10/04	1200	CB	2,143	100	74,800	2.00	120.00	50	0.03			
05/12/04	1200	CB	2,163	2,000	76,800	2.00	122.00	1000	0.69			
05/15/04	1200	CB	2,235	7,200	84,000	3.00	125.00	2400	1.67			
05/18/04	1200	CB	2,238	300	84,300	3.00	128.00	100	0.07			
05/19/04	1200	CB	2,263	2,500	86,800	1.00	129.00	2500	1.74			
05/20/04	1200	CB	2,277	1,400	88,200	1.00	130.00	1400	0.97			
05/23/04	1200	CB	2,279	200	88,400	3.00	133.00	67	0.05	May	31300	1304
05/24/04	1200	CB	2,303	2,400	90,800	1.00	134.00	2400	1.67			

**Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site**

Date	Time	Inspector	Meter reading (x100 gallons)	Irrigated Volume (gallons)	Cumulative Irrigated Volume (gallons)	Elapsed Time (days)	Cumulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
06/01/04	1200	CB	2349	4,600	95,400	8.00	142.00	575	0.40			
06/03/04	1200	CB	2373	2,400	97,800	1.00	143.00	2400	1.67			
06/04/04	1200	CB	2382	900	98,700	11.00	154.00	82	0.06			
06/23/04	1200	CB	2406	2,400	101,100	19.00	173.00	126	0.09			
06/24/04	1200	CB	2423	1,700	102,800	1.00	174.00	1700	1.18			
06/25/04	1200	CB	2453	3,000	105,800	1.00	175.00	3000	2.08			
06/26/04	1200	CB	2477	2,400	108,200	1.00	176.00	2400	1.67			
06/27/04	1200	CB	2507	3,000	111,200	1.00	177.00	3000	2.08			
06/28/04	1200	CB	2509	200	111,400	1.00	178.00	200	0.14	June	20600	589
07/04/04	1200	CB	2533	2,400	113,800	6.00	184.00	400	0.28			
07/06/04	1200	CB	2596	6,300	120,100	2.00	186.00	3150	2.19			
07/11/04	1200	CB	2659	6,300	126,400	5.00	191.00	1260	0.88			
07/13/04	1200	CB	2686	2,700	129,100	2.00	193.00	1350	0.94			
07/16/04	1200	CB	2764	7,800	136,900	3.00	196.00	2600	1.81			
07/21/04	1200	CB	2781	1,700	138,600	5.00	201.00	340	0.24			
07/24/04	1200	CB	2863	8,200	146,800	3.00	204.00	2733	1.90			
07/26/04	1200	CB	2897	3,400	150,200	2.00	206.00	1700	1.18			
07/28/04	1200	CB	2928	3,100	153,300	2.00	208.00	1550	1.08			
07/31/04	1200	CB	3010	8,200	161,500	3.00	211.00	2733	1.90	July	50100	1518
08/02/04	1200	CB	3047	3,700	165,200	2.00	213.00	1850	1.28			
08/05/04	1200	CB	3099	5,200	170,400	3.00	216.00	1733	1.20			
08/09/04	1200	CB	3146	4,700	175,100	4.00	220.00	1175	0.82			
08/12/04	1200	CB	3166	2,000	177,100	3.00	223.00	667	0.46			
08/14/04	1200	CB	3177	1,100	178,200	2.00	225.00	550	0.38			
08/17/04	1200	CB	3192	1,500	179,700	3.00	228.00	500	0.35	August	18200	1071
09/13/04	1200	CB	3239	4,700	184,400	27.00	255.00	174	0.12			
09/16/04	1200	CB	3279	4,000	188,400	3.00	258.00	1333	0.93			
09/19/04	1200	CB	3348	6,900	195,300	3.00	261.00	2300	1.60			
09/23/04	1200	CB	3409	6,100	201,400	4.00	265.00	1525	1.06			
09/26/04	1200	CB	3463	5,400	206,800	3.00	268.00	1800	1.25	September	35200	800
09/30/04	1200	CB	3544	8,100	214,900	4.00	272.00	2025	1.41			
10/03/04	1200	CB	3547	300	215,200	3.00	275.00	100	0.07			
10/06/04	1200	CB	3572	2,500	217,700	3.00	278.00	833	0.58			
10/09/04	1200	CB	3639	6,700	224,400	3.00	281.00	2233	1.55			
10/13/04	1200	CB	3671	3,200	227,600	4.00	285.00	800	0.56			
10/17/04	1200	CB	3675	400	228,000	4.00	289.00	100	0.07			
10/20/04	1200	CB	3776	10,100	238,100	3.00	292.00	3367	2.34			
10/27/04	1200	CB	3850	7,400	245,500	7.00	299.00	1057	0.73			
11/07/04	1200	CB	3875	2,500	248,000	11.00	310.00	227	0.16			
11/14/04	1200	CB	3906	3,100	251,100	7.00	317.00	443	0.31			
11/16/04	1200	CB	3910	400	251,500	2.00	319.00	200	0.14	November	36600	600
11/30/04	1200	CB	3910	0	251,500	14.00	333.00	0	0.00			

**Table 11. Summary of Water Recovery and Water Irrigation Rates
TWP Roswell Compressor Station Remediation Site**

Date	Time	Inspector	Meter reading (x100 gallons)	Irrigated Volume (gallons)	Cummulative Irrigated Volume (gallons)	Elapsed Time (days)	Cummulative Elapsed Time (days)	Average Recovery Rate (GPD)	Average Recovery Rate (GPM)	Reporting Month	Monthly Irrigation Volume (gallons)	Average Irrigation Rate for Reporting Month (GPD)
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NOTES:

Meter Reading (x100gallons) = Reading taken on site
Irrigated Volume (gallons) = Difference between prior meter reading and current meter reading (gallons)
Cummulative Irrigated Volume (gallons) = Cummulative sum of Irrigated Volume (gallons) calculated for all prior periods
Elapsed Time (days) = Calculated number of days from the prior date and time
Cummulative Elapsed Time (days) = Cummulative sum of Elapsed Time (days)
Average Recovery Rate (GPD) = Irrigated Volume (gallons) / Elapsed Time (days)
Average Recovery Rate (GPM) = Average Recovery Rate (GPD) / 24 (hours/day) / 60 (minutes/hour)
Reporting Month - Calendar month for which the Average Irrigation Rate for Reporting Month (GPD) is calculated
Average Irrigation Rate for Reporting Month (GPD) = Cummulative Irrigated Volume (gallons) since prior Reporting Month / Cummulative Elapsed Time (days) since prior Reporting Month
NA = Dummy entry for calculations of Monthly Irrigation Volume