GW - 355

MONITORING REPORTS

DATE:

4/2003

Cypress Engineering

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April 2, 2003

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of Groundwater Remediation Activities
Bell Lake Plant Remediation Site
Transwestern Pipeline Company
Lea County, New Mexico

Dear Bill,

The enclosed Report of Groundwater Remediation Activities is submitted for your review and files. This report presents a summary of groundwater monitoring and remediation activities completed since the last report of remediation activities.

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

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment:

Bill Kendrick	Transwestern Pipeline Company
Larry Campbell	Transwestern Pipeline Company
Larry Johnson	NMOCD Hobbs District Office

Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Submitted to:
New Mexico Oil Conservation Division

March 14, 2003

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

Prepared by:
Cypress Engineering Services, Inc.
10235 West Little York Road, Suite 256
Houston, Texas 77040

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1. Installation of Additional Remediation Wells

1.1 Installation of Three Monitor Wells

Three additional monitor wells (MW) were installed in December 2002. The locations of the new wells are indicated in Figures 1 through 5 as MW-14, MW-15 and MW-16 . These monitor wells were installed in order to further delineate affected groundwater. A summary of completion details for each of these wells can be found in Table 5. A copy of the New Mexico Well Report for each well is included as an attachment to this report.

2. Groundwater Monitoring Activities

2.1 Semi-Annual Groundwater Sampling Events

Two semi-annual groundwater sampling events have been completed since the last report of remediation activities. These events were completed in August 2002 and January 2003. In addition to the semi-annual events, a sample was collected from MW-14, MW-15, and MW-16 after their development in December 2002.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbons (PSH) were present, was determined for each monitoring well. The measured depth to water and the corresponding water table elevation for each monitoring and SVE well is presented in Table 1.

In the course of each sample event, groundwater samples were collected from selected monitoring and SVE wells at the site. In addition, groundwater samples were collected from the on-site water well. Samples were not collected from wells with accumulated PSH in the well casing. Groundwater samples were delivered to a laboratory for analysis by EPA Method 8021 for BTEX, selected inorganic constituents by EPA Methods 6010, total dissolved solids by EPA Method 160.1, and chlorides by EPA Method 325.2. The sample analysis plan can be found in Table 6.

A summary of the laboratory results for organics and field measured groundwater quality parameters (pH, temperature, electrical conductivity and dissolved oxygen) is presented in Table 2. A summary of inorganic laboratory results is presented in Table 3. A copy of the laboratory results for each of the sampling events is included as an attachment to this report.

2.2 Results/Conclusions from Groundwater Sampling Events

2.2.1 Occurrence and Direction of Groundwater Flow

A water table elevation map based on measurements obtained in the course of the January 2003 sampling event is included as Figure 2. The apparent direction of groundwater flow is consistent with water table elevation maps previously developed for this site.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in wells SVE-1, SVE-3, SVE-8, SVE-9, SVE-10, SVE-12, SVE-13 and MW-4, and the absence of PSH in all other wells. The thickness of accumulated PSH in wells is presented in Table 1. A figure indicating the estimated area with PSH present at the water table is included as Figure 3.

The thickness of the PSH has substantially decreased since 1998. For example, SVE-1 contained over 3.5 feet of PSH in 1998 within the well casing. When monitored in January 2003, 0.01 feet of PSH was detected. The soil vapor extraction system is effectively removing volatile hydrocarbons from the subsurface based on the significant decrease in PSH levels found in the well casings.

2.2.3 Condition of Affected Groundwater

The condition of affected groundwater, based on recent sampling events, has not changed significantly from previous sampling events as evidenced by the information presented in Tables 2 and 3. Figure 4 shows the distribution of BTEX constituents dissolved in the groundwater. Figure 5 shows the distribution of inorganic compounds dissolved in the groundwater. Elevated concentrations of benzene continue to be the primary concern at the site.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through March 2003

The following remediation activities have been completed since the last report of groundwater remediation activities:

1) Installation of three monitoring wells.
2) SVE system vapor samples were collected on July 31, 2002. A summary of the laboratory results is presented in Table 4.
3) The SVE system and recovery system operated almost continuously from January 1, 2002 through December 20, 2002. The recovery system consists of five pneumatic PSH skimming pumps. The system was shut-down December 21, 2002 in order to evaluate the accumulation of PSH in wells over a prolonged period of time. On January 14, 2003, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbons (PSH) were present, were measured and the system was started back up on January 15, 2003.

4. Proposed Modifications

4.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan will continue on a semi-annual basis. A summary of the sample analysis plan is presented in Table 6.

4.2 Proposed Modifications to the Remediation System

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

4.3 Reporting Frequency

Annual reporting will continue with the next scheduled report being submitted to the OCD by March 31, 2004.

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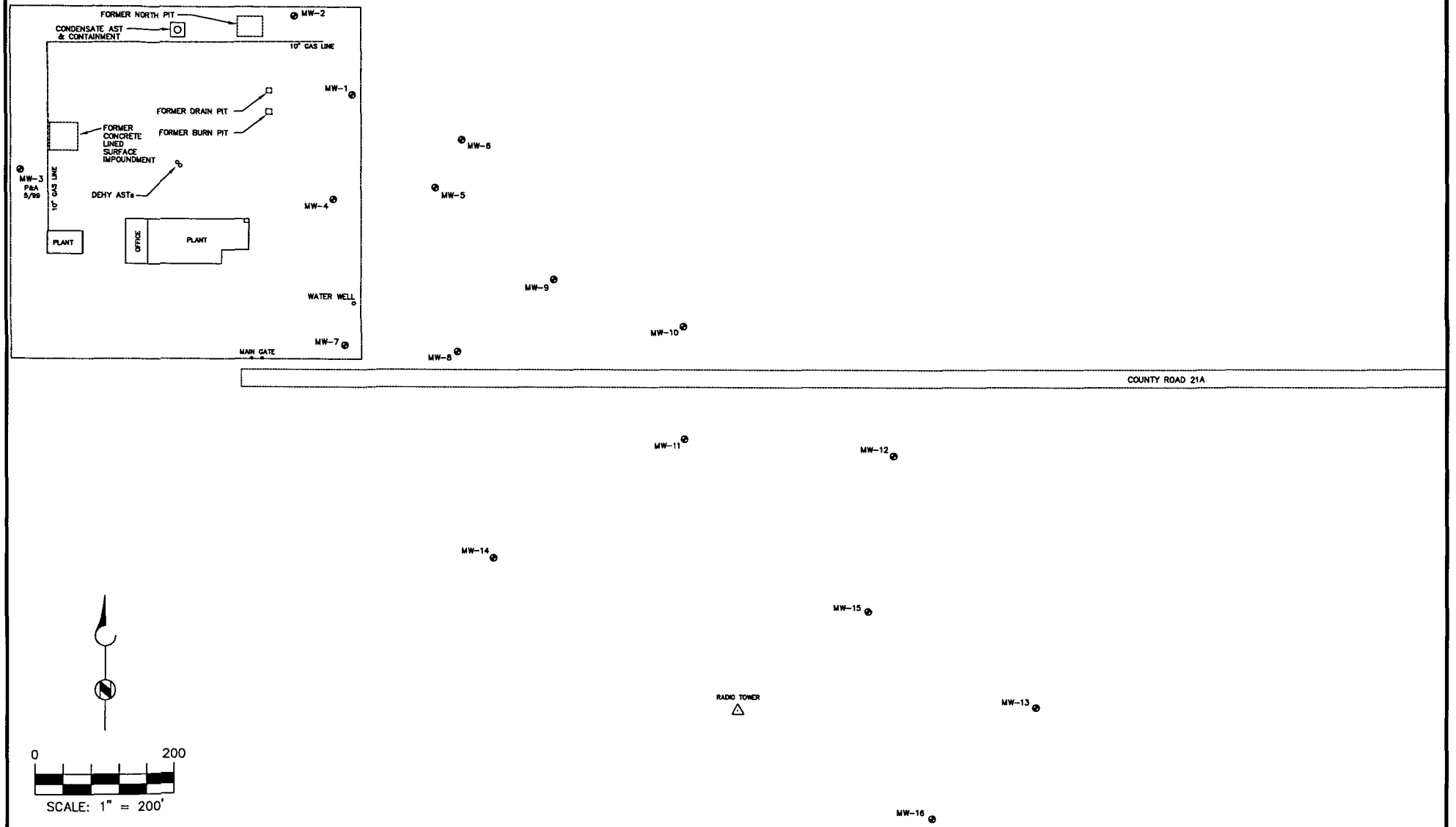

FIGURE 1

SITE MAP

TRANSWESTERN PIPELINE COMPANY

BELL LAKE PLANT

CYPRESS ENGINEERING SERVICES, INC.

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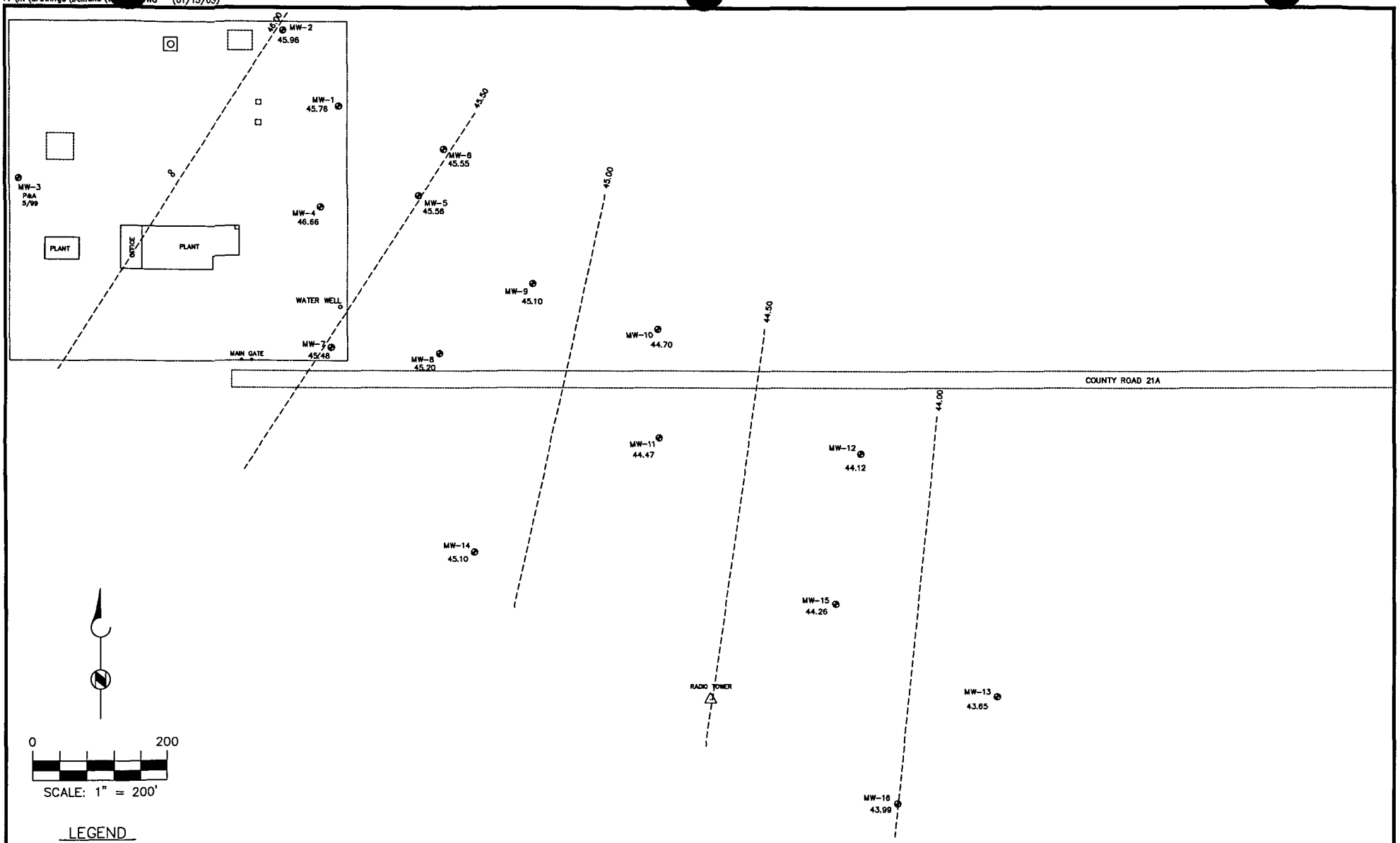

GROUNDWATER SURFACE ELEVATION
JANUARY 15, 2003

TRANSWESTERN PIPELINE COMPANY
BELL LAKE PLANT

FIGURE 2

CYPRESS ENGINEERING SERVICES, INC.

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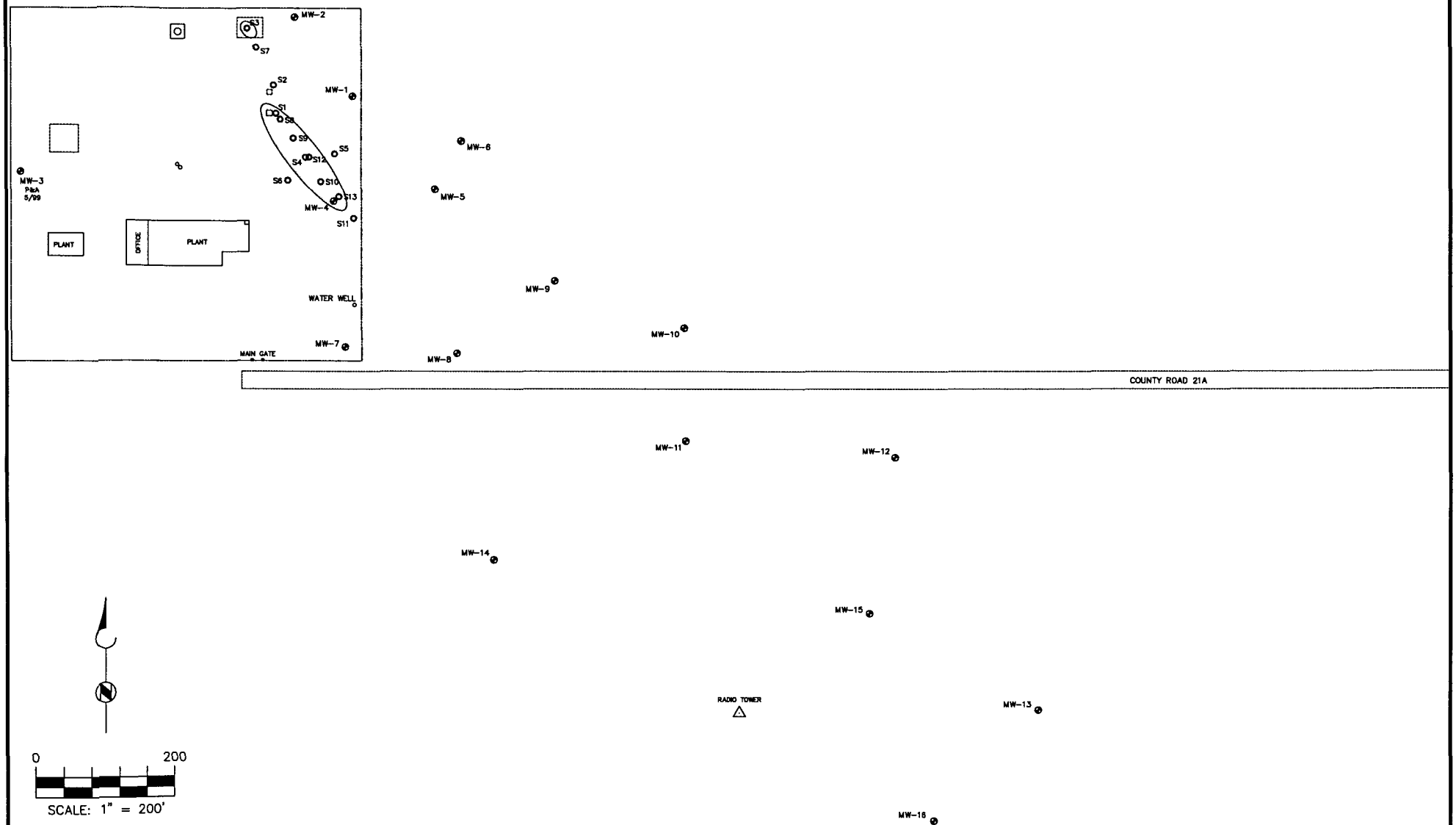
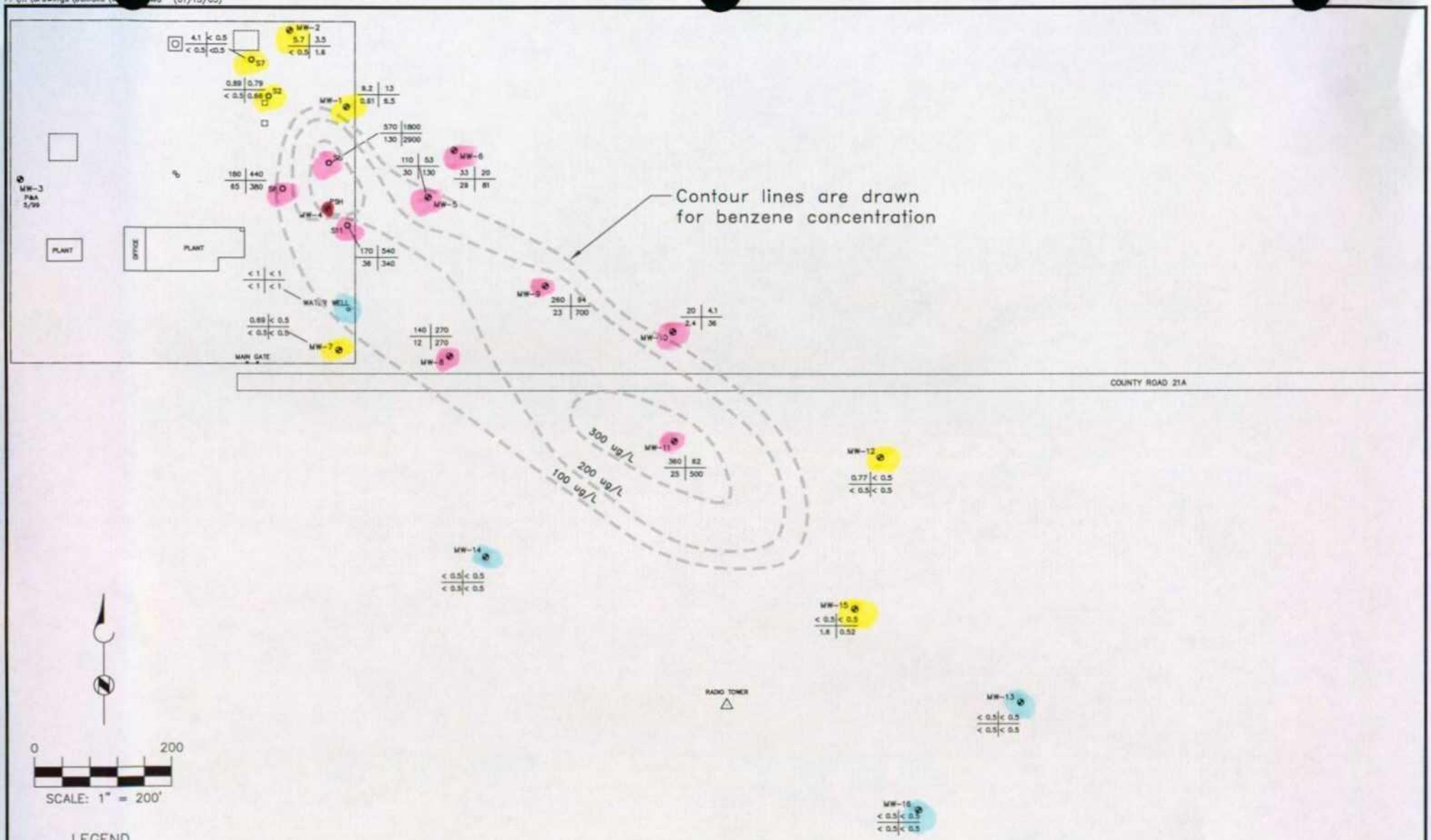


DISTRIBUTION OF PSH ON GROUNDWATER
JANUARY 15, 2003

TRANSWESTERN PIPELINE COMPANY
BELL LAKE PLANT

FIGURE 3

CYPRESS ENGINEERING SERVICES, INC.



LEGEND

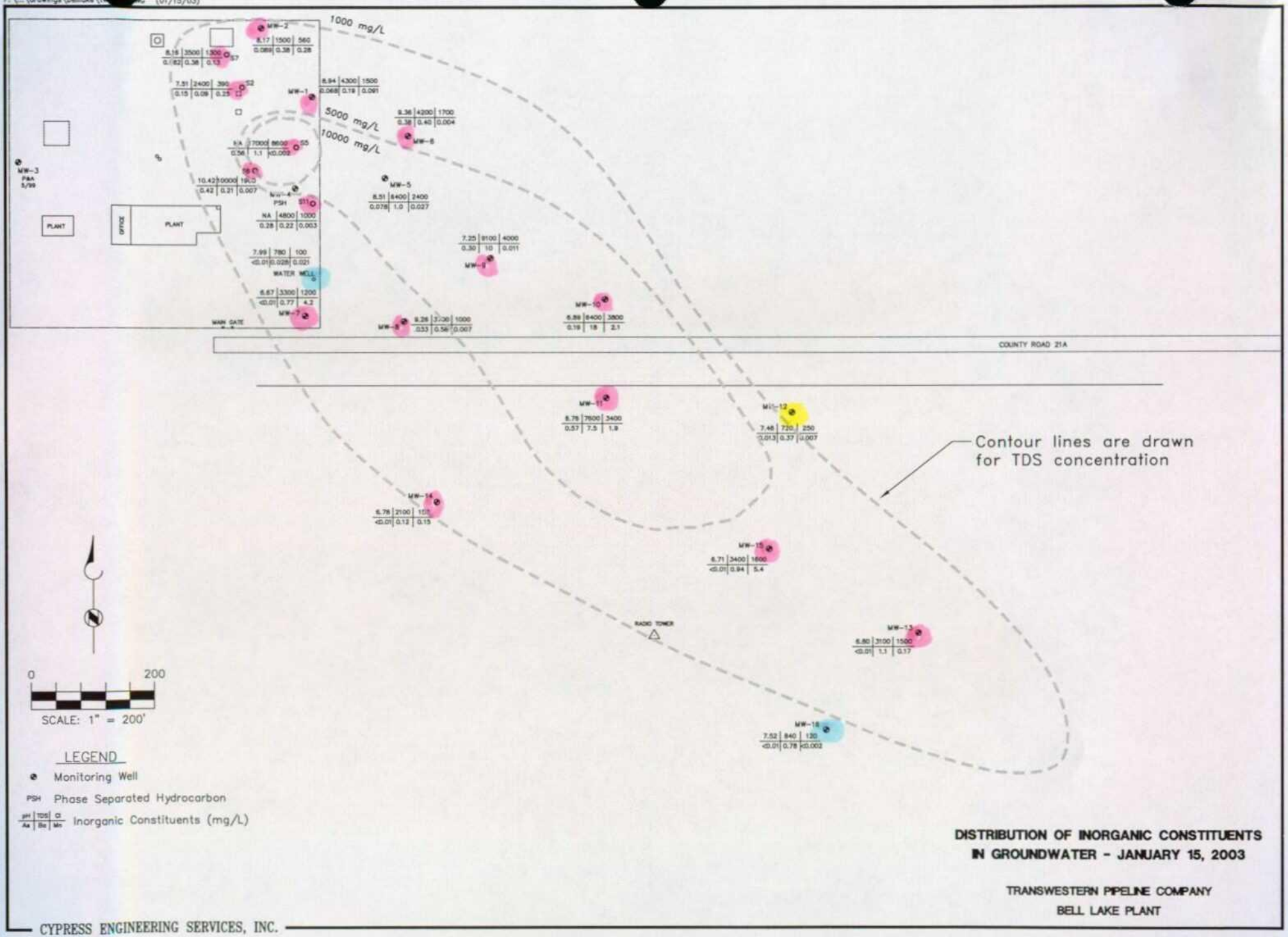
- Monitoring Well
- PSH Phase Separated Hydrocarbon
- B/E | T/X BTEX Concentration (ppb)

DISTRIBUTION OF BTEX COMPOUNDS IN GROUNDWATER - JANUARY 15, 2003

TRANSWESTERN PIPELINE COMPANY
BELL LAKE PLANT

CYPRESS ENGINEERING SERVICES, INC.

FIGURE 4



DISTRIBUTION OF INORGANIC CONSTITUENTS IN GROUNDWATER - JANUARY 15, 2003

TRANSWESTERN PIPELINE COMPANY
BELL LAKE PLANT

FIGURE 5

CYPRESS ENGINEERING SERVICES, INC.

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1	10/24/93	3635.37 (c)	(a)	88.97	(a)	3546.40
	12/08/94		(a)	89.38	(a)	3545.99
	05/31/95		(a)	89.18	(a)	3546.19
	12/12/95		(a)	89.27	(a)	3546.10
	02/20/96		(a)	89.24	(a)	3546.13
	05/15/96		(a)	89.21	(a)	3546.16
	08/14/96		(a)	89.32	(a)	3546.05
	11/12/96		(a)	89.10	(a)	3546.27
	02/07/97		(a)	89.35	(a)	3546.02
	08/08/97		(a)	89.22	(a)	3546.15
	01/09/98		(a)	89.41	(a)	3545.96
	02/24/98*		(a)	89.21	(a)	3546.16
	08/03/98*		(a)	89.40	(a)	3545.97
	02/10/99*		(a)	89.40	(a)	3545.97
	08/10/99*		(a)	89.39	(a)	3545.98
	02/14/00*		(a)	89.51	(a)	3545.86
	10/17/00*		(a)	89.53	(a)	3545.84
	02/15/01*		(a)	89.51	(a)	3545.86
	08/08/01		(a)	89.52	(a)	3545.85
	03/15/02*		(a)	89.49	(a)	3545.88
	08/05/02*		(a)	89.46	(a)	3545.91
	01/14/03*		(a)	89.61	(a)	3545.76
MW-2	10/19/93	3634.62 (c)	(a)	88.02	(a)	3546.60
	12/08/94		(a)	88.15	(a)	3546.47
	05/31/95		(a)	88.23	(a)	3546.39
	12/12/95		(a)	88.31	(a)	3546.31
	02/20/96		(a)	88.29	(a)	3546.33
	05/15/96		(a)	88.27	(a)	3546.35
	08/14/96		(a)	88.39	(a)	3546.23
	11/12/96		(a)	88.10	(a)	3546.52
	02/07/97		(a)	88.37	(a)	3546.25
	08/08/97		(a)	88.27	(a)	3546.35
	01/09/98	3634.68 (d)	(a)	88.42	(a)	3546.26
	02/24/98*		(a)	88.30	(a)	3546.38
	08/03/98*		(a)	88.42	(a)	3546.26
	02/10/99*		(a)	88.43	(a)	3546.25
	08/10/99*		(a)	88.53	(a)	3546.15
	02/14/00*	3634.68 (f)	(a)	88.63	(a)	3546.05
	10/17/00*		(a)	88.65	(a)	3546.03
	02/15/01*		(a)	88.51	(a)	3546.17
	08/08/01		(a)	88.69	(a)	3545.99
	03/15/02*		(a)	88.59	(a)	3546.09
	08/05/02*		(a)	88.62	(a)	3546.06
	01/14/03*		(a)	88.72	(a)	3545.96
MW-3	10/20/93	3639.64 (c)	(a)	92.96	(a)	3546.68
	12/08/94		(a)	93.08	(a)	3546.56
	05/31/95		(a)	93.17	(a)	3546.47
	12/12/95		(a)	93.24	(a)	3546.40
	02/20/96		(a)	93.20	(a)	3546.44

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	05/15/96		(a)	93.20	(a)	3546.44
	08/14/96		(a)	93.31	(a)	3546.33
	11/12/96		(a)	93.30	(a)	3546.34
	02/07/97		(a)	93.31	(a)	3546.33
	08/08/97		(a)	93.27	(a)	3546.37
	01/09/98		(a)	93.40	(a)	3546.24
	02/24/98*		(a)	93.28	(a)	3546.36
	08/03/98*		(a)	93.41	(a)	3546.23
MW-4	12/08/94	3636.05 (c)	(a)	89.90	(a)	3546.15
	05/31/95		(a)	89.97	(a)	3546.08
	12/12/95		(a)	90.05	(a)	3546.00
	02/20/96		(a)	90.05	(a)	3546.00
	05/15/96		(a)	89.99	(a)	3546.06
	08/14/96		(a)	90.09	(a)	3545.96
	11/12/96		(a)	90.00	(a)	3546.05
	02/07/97		(a)	90.13	(a)	3545.92
	08/08/97		90.00	90.60	0.60	3545.93
	11/06/97		90.01	90.15	0.14	3546.01
	11/12/97		90.02	90.25	0.23	3545.98
	12/29/97	3637.04 (d)	90.69	92.55	1.86	3545.98
	11/24/98		90.28	94.04	3.76	3546.01
	01/28/99		90.50	94.03	3.53	3545.83
	02/10/99*		90.81	91.93	1.12	3546.01
	02/24/99		90.45	93.54	3.09	3545.97
	06/02/99		89.90	92.65	2.75	3546.59
	06/04/99		90.80	91.54	0.74	3546.09
	06/15/99		90.41	92.99	2.58	3546.11
	06/24/99		89.61	91.88	2.27	3546.98
	07/13/99		90.50	93.34	2.84	3545.97
	08/10/99*		90.66	93.12	2.46	3545.89
	08/24/99		90.61	91.70	1.09	3546.21
	09/07/99		90.62	92.97	2.35	3545.95
	09/23/99		90.58	93.05	2.47	3545.97
	10/12/99		90.66	93.21	2.55	3545.87
	10/26/99		90.64	93.02	2.38	3545.92
	11/09/99		90.55	92.94	2.39	3546.01
	11/24/99		90.69	93.45	2.76	3545.80
	12/14/99		90.56	92.89	2.33	3546.01
	12/28/99		89.52	92.83	3.31	3546.86
	01/13/00		90.01	90.78	0.77	3546.88
	01/20/00		90.04	90.08	0.04	3546.99
	02/01/00		89.86	91.55	1.69	3546.84
	02/14/00*		89.94	91.76	1.82	3546.74
	02/22/00		89.94	90.86	0.92	3546.92
	03/06/00		89.98	90.36	0.38	3546.98
	03/27/00		90.19	90.48	0.29	3546.79
	04/10/00		90.13	90.64	0.51	3546.81
	04/27/00		90.01	90.16	0.15	3547.00
	05/08/00		90.03	90.23	0.20	3546.97
	05/25/00		90.12	90.33	0.21	3546.88

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	06/08/00		90.40	90.42	0.02	3546.64
	06/26/00		90.17	90.23	0.06	3546.86
	07/11/00		90.14	90.16	0.02	3546.90
	07/27/00		90.11	90.12	0.01	3546.93
	08/07/00		90.05	90.06	0.01	3546.99
	08/24/00		(a)	90.14	(a)	3546.90
	09/07/00		(a)	90.12	(a)	3546.92
	09/25/00		(a)	89.93	(a)	3547.11
	10/09/00		(a)	89.87	(a)	3547.17
	10/17/00*		90.12	90.15	0.03	3546.91
	11/02/00		90.16	90.76	0.60	3546.76
	11/22/00		90.36	90.39	0.03	3546.67
	12/11/00		90.05	90.25	0.20	3546.95
	01/05/01		90.07	91.47	1.40	3546.69
	01/22/01		90.03	90.58	0.55	3546.90
	02/09/01		90.76	90.97	0.21	3546.24
	02/15/01*		90.11	90.95	0.84	3546.76
	03/09/01		89.89	89.92	0.03	3547.14
	03/29/01		90.10	90.39	0.29	3546.88
	08/08/01		90.17	90.55	0.38	3546.79
	02/01/02		90.19	90.76	0.57	3546.74
	03/15/02*		90.15	90.89	0.74	3546.74
	08/05/02*		90.12	90.38	0.26	3546.87
	01/14/03*		90.08	91.57	1.49	3546.66
MW-5	12/08/94	3635.31 (c)	(a)	89.33	(a)	3545.98
	05/31/95		(a)	89.36	(a)	3545.95
	12/12/95		(a)	89.40	(a)	3545.91
	02/20/96		(a)	89.46	(a)	3545.85
	05/15/96		(a)	89.40	(a)	3545.91
	08/14/96		(a)	89.43	(a)	3545.88
	11/12/96		(a)	89.42	(a)	3545.89
	02/07/97		(a)	89.53	(a)	3545.78
	08/08/97		(a)	89.41	(a)	3545.90
	01/09/98		(a)	89.57	(a)	3545.74
	02/24/98*		(a)	89.38	(a)	3545.93
	08/03/98*		(a)	89.59	(a)	3545.72
	02/10/99*		(a)	89.65	(a)	3545.66
	08/10/99*		(a)	89.64	(a)	3545.67
	02/14/00*		(a)	89.69	(a)	3545.62
	10/17/00*		(a)	89.75	(a)	3545.56
	02/15/01*		(a)	89.71	(a)	3545.60
	08/08/01		(a)	89.72	(a)	3545.59
	03/15/02*		(a)	89.69	(a)	3545.62
	08/05/02*		(a)	89.67	(a)	3545.64
	01/14/03*		(a)	89.75	(a)	3545.56
MW-6	12/08/94	3634.66 (c)	(a)	88.65	(a)	3546.01
	05/31/95		(a)	88.70	(a)	3545.96
	12/12/95		(a)	88.72	(a)	3545.94
	02/20/96		(a)	88.81	(a)	3545.85

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	05/15/96		(a)	88.75	(a)	3545.91
	08/14/96		(a)	88.82	(a)	3545.84
	11/12/96		(a)	88.81	(a)	3545.85
	02/07/97		(a)	88.88	(a)	3545.78
	08/08/97		(a)	88.80	(a)	3545.86
	01/09/98		(a)	88.92	(a)	3545.74
	02/24/98*		(a)	88.75	(a)	3545.91
	08/03/98*		(a)	88.93	(a)	3545.73
	02/10/99*		(a)	89.00	(a)	3545.66
	08/10/99*		(a)	89.02	(a)	3545.64
	02/14/00*		(a)	89.06	(a)	3545.60
	10/17/00*		(a)	89.12	(a)	3545.54
	02/15/01*		(a)	89.08	(a)	3545.58
	08/08/01		(a)	89.10	(a)	3545.56
	03/15/02*		(a)	89.05	(a)	3545.61
	08/05/02*		(a)	89.05	(a)	3545.61
	01/14/03*		(a)	89.11	(a)	3545.55
MW-7	12/12/95	3635.89 (c)	(a)	90.18	(a)	3545.71
	02/20/96		(a)	90.15	(a)	3545.74
	05/15/96		(a)	90.11	(a)	3545.78
	08/14/96		(a)	90.21	(a)	3545.68
	11/12/96		(a)	90.20	(a)	3545.69
	02/07/97		(a)	90.22	(a)	3545.67
	08/08/97		(a)	90.19	(a)	3545.70
	01/09/98		(a)	90.28	(a)	3545.61
	02/24/98*		(a)	90.18	(a)	3545.71
	08/03/98*		(a)	90.29	(a)	3545.60
	08/10/99*	---	(a)	90.40	(a)	—
	02/14/00*	3636.00 (f)	(a)	90.45	(a)	3545.55
	10/17/00*		(a)	90.48	(a)	3545.52
	02/15/01*		(a)	90.47	(a)	3545.53
	08/08/01		(a)	90.51	(a)	3545.49
	03/15/02*		(a)	90.43	(a)	3545.57
	08/05/02*		(a)	90.43	(a)	3545.57
	01/14/03*		(a)	90.52	(a)	3545.48
MW-8	12/12/95	3635.28 (c)	(a)	89.82	(a)	3545.46
	02/20/96		(a)	89.82	(a)	3545.46
	05/15/96		(a)	89.78	(a)	3545.50
	08/14/96		(a)	89.86	(a)	3545.42
	11/12/96		(a)	89.86	(a)	3545.42
	02/07/97		(a)	89.89	(a)	3545.39
	08/08/97		(a)	89.85	(a)	3545.43
	01/09/98	3635.30 (d)	(a)	89.95	(a)	3545.35
	02/24/98*		(a)	89.87	(a)	3545.43
	08/03/98*		(a)	89.95	(a)	3545.35
	02/10/99*		(a)	89.97	(a)	3545.33
	08/10/99*		(a)	90.00	(a)	3545.30
	02/14/00*		(a)	90.04	(a)	3545.26
	10/17/00*		(a)	90.08	(a)	3545.22

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	02/15/01*		(a)	90.05	(a)	3545.25
	08/08/01		(a)	90.09	(a)	3545.21
	03/15/02*		(a)	90.05	(a)	3545.25
	08/05/02*		(a)	90.05	(a)	3545.25
	01/14/03*		(a)	90.10	(a)	3545.20
MW-9	12/12/95	3633.58 (c)	(a)	88.21	(a)	3545.37
	02/20/96		(a)	88.23	(a)	3545.35
	05/15/96		(a)	88.18	(a)	3545.40
	08/14/96		(a)	88.22	(a)	3545.36
	11/12/96		(a)	88.27	(a)	3545.31
	02/07/97		(a)	88.29	(a)	3545.29
	08/08/97		(a)	88.25	(a)	3545.33
	01/09/98		(a)	88.35	(a)	3545.23
	02/24/98*		(a)	88.24	(a)	3545.34
	08/03/98*		(a)	88.33	(a)	3545.25
	02/10/99*		(a)	88.37	(a)	3545.21
	08/10/99*		(a)	88.40	(a)	3545.18
	02/14/00*		(a)	88.44	(a)	3545.14
	10/17/00*		(a)	88.46	(a)	3545.12
	02/15/01*		(a)	88.45	(a)	3545.13
	08/08/01		(a)	88.48	(a)	3545.10
	03/15/02*		(a)	88.46	(a)	3545.12
	08/05/02*		(a)	88.46	(a)	3545.12
	01/14/03*		(a)	88.48	(a)	3545.10
MW-10	01/09/98	3633.25 (d)	(a)	88.42	(a)	3544.83
	02/24/98*		(a)	88.33	(a)	3544.92
	08/03/98*		(a)	88.41	(a)	3544.84
	02/10/99*		(a)	88.43	(a)	3544.82
	08/10/99*		(a)	88.44	(a)	3544.81
	02/14/00*	3633.24 (f)	(a)	88.50	(a)	3544.74
	10/17/00*		(a)	88.54	(a)	3544.70
	02/14/01*		(a)	88.51	(a)	3544.73
	08/08/01		(a)	88.54	(a)	3544.70
	03/15/02*		(a)	88.51	(a)	3544.73
	08/05/02*		(a)	88.54	(a)	3544.70
	01/14/03*		(a)	88.54	(a)	3544.70
MW-11	01/09/98	3631.57 (d)	(a)	86.99	(a)	3544.58
	02/24/98*		(a)	86.94	(a)	3544.63
	08/03/98*		(a)	86.98	(a)	3544.59
	02/10/99*		(a)	86.99	(a)	3544.58
	08/10/99*		(a)	86.99	(a)	3544.58
	02/14/00*	3631.56 (f)	(a)	87.04	(a)	3544.52
	10/17/00*		(a)	87.07	(a)	3544.49
	02/15/01*		(a)	87.06	(a)	3544.50
	08/08/01		(a)	87.10	(a)	3544.46
	03/15/02*		(a)	87.07	(a)	3544.49
	08/05/02*		(a)	87.09	(a)	3544.47
	01/14/03*		(a)	87.09	(a)	3544.47

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-12	01/09/98	3630.61 (d)	(a)	86.39	(a)	3544.22
	02/24/98*		(a)	86.29	(a)	3544.32
	08/03/98*		(a)	86.37	(a)	3544.24
	02/10/99*		(a)	86.39	(a)	3544.22
	08/10/99*		(a)	86.39	(a)	3544.22
	02/14/00*	3630.61 (f)	(a)	86.46	(a)	3544.15
	10/17/00*		(a)	86.49	(a)	3544.12
	02/15/01*		(a)	86.47	(a)	3544.14
	08/08/01		(a)	86.49	(a)	3544.12
	03/15/02*		(a)	86.45	(a)	3544.16
	08/05/02*		(a)	86.50	(a)	3544.11
	01/14/03*		(a)	86.49	(a)	3544.12
MW-13	02/14/00*	3626.97 (f)	(a)	83.28	(a)	3543.69
	10/17/00*		(a)	83.30	(a)	3543.67
	02/15/01*		(a)	83.29	(a)	3543.68
	08/08/01		(a)	83.31	(a)	3543.66
	03/15/02*		(a)	83.27	(a)	3543.70
	08/05/02*		(a)	83.31	(a)	3543.66
	01/14/03*		(a)	83.32	(a)	3543.65
MW-14	01/14/03*	3631.43 (g)	(a)	86.33	(a)	3545.10
MW-15	01/14/03*	3629.00 (g)	(a)	84.74	(a)	3544.26
MW-16	01/14/03*	3625.87 (g)	(a)	81.88	(a)	3543.99
SVE-1	12/01/95	3637.06 (c)	90.68	92.12	1.44	3546.09
	02/20/96		90.52	92.12	1.60	3546.22
	05/01/96		90.51	92.20	1.69	3546.21
	01/17/97	3638.21 (d)	91.63	93.34	1.71	3546.24
	11/06/97		91.45	93.59	2.14	3546.33
	12/29/97		91.50	93.45	1.95	3546.32
	11/24/98		91.12	94.65	3.53	3546.38
	01/28/99		91.80	93.10	1.30	3546.15
	06/02/99		91.79	92.49	0.70	3546.28
	06/04/99		91.70	92.32	0.62	3546.39
	06/15/99		91.84	92.58	0.74	3546.22
	06/24/99		91.84	92.59	0.75	3546.22
	07/13/99		(a)	91.95	(a)	3546.26
	07/27/99		(a)	91.86	(a)	3546.35
	08/10/99*		91.97	92.35	0.38	3546.16
	08/24/99		(a)	91.84	(a)	3546.37
	09/07/99		(a)	92.16	(a)	3546.05
	09/23/99		(a)	92.21	(a)	3546.00
	10/12/99		(a)	92.09	(a)	3546.12
	10/26/99		(a)	91.84	(a)	3546.37
	11/09/99		(a)	91.82	(a)	3546.39
	11/24/99		92.17	92.21	0.04	3546.03
	12/14/99		(a)	91.79	(a)	3546.42

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	12/28/99		(a)	91.93	(a)	3546.28
	01/13/00		(a)	92.05	(a)	3546.16
	01/20/00		(a)	92.21	(a)	3546.00
	02/01/00		(a)	92.11	(a)	3546.10
	02/14/00*	3638.22 (f)	92.19	92.32	0.13	3546.00
	02/22/00		(a)	92.38	(a)	3545.84
	03/06/00		(a)	92.01	(a)	3546.21
	03/27/00		(a)	92.06	(a)	3546.16
	04/10/00		(a)	92.16	(a)	3546.06
	04/27/00		(a)	92.09	(a)	3546.13
	05/08/00		(a)	92.05	(a)	3546.17
	05/25/00		(a)	92.09	(a)	3546.13
	06/08/00		(a)	92.07	(a)	3546.15
	06/26/00		(a)	92.06	(a)	3546.16
	07/11/00		(a)	92.11	(a)	3546.11
	07/27/00		(a)	92.02	(a)	3546.20
	08/07/00		(a)	91.98	(a)	3546.24
	08/24/00		(a)	92.10	(a)	3546.12
	09/07/00		(a)	92.16	(a)	3546.06
	09/25/00		(a)	92.15	(a)	3546.07
	10/09/00		(a)	92.06	(a)	3546.16
	10/17/00*		(a)	91.95	(a)	3546.27
	11/02/00		(a)	92.39	(a)	3545.83
	11/22/00		(a)	92.28	(a)	3545.94
	12/11/00		(a)	92.04	(a)	3546.18
	01/05/01		(a)	92.37	(a)	3545.85
	01/22/01		92.26	92.27	0.01	3545.96
	02/09/01		(a)	92.06	(a)	3546.16
	02/15/01*		(a)	92.20	sheen	3546.02
	03/09/01		(a)	92.06	(a)	3546.16
	03/29/01		(a)	91.95	sheen	3546.27
	08/08/01		(a)	92.22	(a)	3546.00
	02/01/02		(a)	92.03	(a)	3546.19
	02/11/02		(a)	92.25	(a)	3545.97
	03/15/02*		(a)	92.23	(a)	3545.99
	08/05/02*		(a)	92.11	(a)	3546.11
	01/14/03*		92.30	92.31	0.01	3545.92
SVE-2	12/01/95	3636.49 (c)	(a)	90.18	(a)	3546.31
	02/20/96		(a)	90.22	(a)	3546.27
	05/01/96		(a)	90.21	(a)	3546.28
	01/17/97	3637.53 (c)	(a)	91.20	(a)	3546.33
	11/06/97		(a)	91.10	(a)	3546.43
	12/29/97		(a)	91.13	(a)	3546.40
	08/04/98*		(a)	91.32	(a)	3546.21
	11/24/98		(a)	91.30	(a)	3546.23
	02/10/99*		(a)	91.21	(a)	3546.32
	06/02/99		(a)	91.34	(a)	3546.19
	08/10/99*		(a)	91.36	(a)	3546.17
	02/14/00*	3637.53 (f)	(a)	91.48	(a)	3546.05
	10/17/00		(a)	91.41	(a)	3546.12

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	02/15/01*		(a)	91.47	(a)	3546.06
	08/08/01		(a)	91.46	(a)	3546.07
	02/01/02		(a)	91.51	(a)	3546.02
	02/11/02		(a)	91.51	(a)	3546.02
	03/15/02*		(a)	91.50	(a)	3546.03
	08/05/02*		(a)	91.42	(a)	3546.11
	01/14/03*		(a)	91.57	(a)	3545.96
SVE-3	12/01/95	3636.44 (c)	90.00	90.30	0.30	3546.38
	02/20/96		89.52	92.37	2.85	3546.35
	05/01/96		89.38	92.92	3.54	3546.35
	01/17/97	3637.62 (d)	90.65	93.60	2.95	3546.38
	11/06/97		90.65	93.00	2.35	3546.50
	12/29/97		90.50	93.70	3.20	3546.48
	01/16/99		(a)	90.83	(a)	3546.79
	01/28/99		(a)	91.06	(a)	3546.56
	02/08/99		(a)	91.10	(a)	3546.52
	02/10/99*		(a)	91.04	(a)	3546.58
	06/02/99		(a)	90.95	(a)	3546.67
	06/05/99		(a)	91.20	(a)	3546.42
	06/15/99		91.40	91.45	0.05	3546.21
	06/24/99		91.46	91.48	0.02	3546.16
	07/13/99		91.49	91.54	0.05	3546.12
	07/27/99		91.52	91.57	0.05	3546.09
	08/10/99*		91.38	91.50	0.12	3546.22
	08/24/99		91.43	91.57	0.14	3546.16
	09/07/99		91.54	91.61	0.07	3546.07
	09/23/99		91.50	91.58	0.08	3546.10
	10/12/99		91.48	91.64	0.16	3546.11
	10/26/99		91.47	91.60	0.13	3546.12
	11/09/99		91.42	91.55	0.13	3546.17
	11/24/99		91.45	91.59	0.14	3546.14
	12/14/99		91.44	91.60	0.16	3546.15
	12/28/99		91.38	91.54	0.16	3546.21
	01/13/00		91.50	91.59	0.09	3546.10
	01/20/00		91.45	91.58	0.13	3546.14
	02/01/00		91.46	91.56	0.10	3546.14
	02/14/00*	3637.62 (f)	91.46	91.55	0.09	3546.14
	02/22/00		91.45	91.52	0.07	3546.16
	03/06/00		91.45	91.48	0.03	3546.16
	03/27/00		91.46	91.51	0.05	3546.15
	04/10/00		91.46	91.49	0.03	3546.15
	04/27/00		91.52	91.53	0.01	3546.10
	05/08/00		91.47	91.48	0.01	3546.15
	05/25/00		91.49	91.50	0.01	3546.13
	06/08/00		91.49	91.50	0.01	3546.13
	06/26/00		(a)	91.54	(a)	3546.08
	07/11/00		91.52	91.53	0.01	3546.10
	07/27/00		91.53	91.54	0.01	3546.09
	08/07/00		(a)	91.51	(a)	3546.11
	08/24/00		(a)	91.51	(a)	3546.11

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	09/07/00		(a)	91.52	(a)	3546.10
	09/25/00		(a)	91.51	(a)	3546.11
	10/09/00		(a)	91.50	(a)	3546.12
	10/17/00*		(a)	91.50	(a)	3546.12
	11/02/00		(a)	90.46	(a)	3547.16
	11/22/00		(a)	91.49	(a)	3546.13
	12/11/00		(a)	91.51	(a)	3546.11
	01/05/01		91.53	91.54	0.01	3546.09
	01/22/01		91.49	91.51	0.02	3546.13
	02/09/01		91.61	91.67	0.06	3546.00
	02/15/01*		91.48	91.50	0.02	3546.14
	03/09/01		91.51	91.53	0.02	3546.11
	03/29/01		91.51	91.53	0.02	3546.11
	08/08/01		91.48	91.50	0.02	3546.14
	02/01/02		91.60	91.68	0.08	3546.00
	02/11/02		91.51	91.53	0.02	3546.11
	03/15/02*		(a)	91.49	sheen	3546.13
	08/05/02*		91.49	91.51	0.02	3546.13
	01/14/03*		91.55	91.58	0.03	3546.06
SVE-4	11/12/97	3636.95 (d)	(a)	89.69	(a)	3547.26
	12/29/97		90.40	92.30	1.90	3546.17
	11/24/98		89.14	93.54	4.40	3546.93
	01/06/99	3636.49 (e)	87.70	91.75	4.05	3547.98
	02/08/99		89.85	93.26	3.41	3545.96
	06/02/99		89.65	90.82	1.17	3546.61
	06/04/99		89.75	90.73	0.98	3546.54
	06/15/99		89.73	90.76	1.03	3546.55
	06/24/99		88.76	89.80	1.04	3547.52
	07/13/99		89.79	90.71	0.92	3546.52
	07/27/99		89.99	90.70	0.71	3546.36
	08/24/99		89.79	90.28	0.49	3546.60
	09/07/99		89.92	90.40	0.48	3546.47
	09/23/99		89.79	90.19	0.40	3546.62
	10/12/99		89.95	90.34	0.39	3546.46
	10/26/99		89.89	90.25	0.36	3546.53
	11/09/99		89.80	90.17	0.37	3546.62
	11/24/99		90.48	90.85	0.37	3545.94
	12/14/99		89.76	90.18	0.42	3546.65
	12/28/99		90.18	90.64	0.46	3546.22
	01/13/00		90.04	90.42	0.38	3546.37
	01/20/00		89.76	90.14	0.38	3546.65
	02/01/00		90.06	90.49	0.43	3546.34
	02/14/00*	3636.48 (f)	90.47	91.03	0.56	3545.90
	02/22/00		90.40	90.80	0.40	3546.00
	03/06/00		89.70	90.14	0.44	3546.69
	03/27/00		89.88	90.31	0.43	3546.51
	04/10/00		89.91	90.22	0.31	3546.51
	04/27/00		89.96	90.18	0.22	3546.48
	05/08/00		89.82	89.98	0.16	3546.63
	05/25/00		89.81	89.95	0.14	3546.64

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TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	06/08/00		89.88	90.00	0.12	3546.58
	06/26/00		89.85	89.95	0.10	3546.61
	07/11/00		89.98	90.04	0.06	3546.49
	07/27/00		89.86	89.92	0.06	3546.61
	08/07/00		89.84	89.89	0.05	3546.63
	08/24/00		89.96	89.98	0.02	3546.52
	09/07/00		89.99	90.00	0.01	3546.49
	09/25/00		90.06	90.08	0.02	3546.42
	10/09/00		(a)	89.85	(a)	3546.63
	10/17/00*		90.13	90.15	0.02	3546.35
	11/02/00		90.57	90.60	0.03	3545.90
	11/22/00		90.55	90.66	0.11	3545.91
	12/11/00		89.89	89.97	0.08	3546.57
	01/05/01		90.59	90.70	0.11	3545.87
	01/22/01		90.44	90.63	0.19	3546.00
	02/09/01		89.97	90.50	0.53	3546.40
	02/15/01*		90.54	90.68	0.14	3545.91
	03/09/01		89.95	90.26	0.31	3546.47
	03/29/01		89.88	89.94	0.06	3546.59
	08/08/01		(a)	90.52	(a)	3545.96
	02/01/02		90.27	90.80	0.53	3546.10
	02/11/02		91.47	92.35	0.88	3544.83
	03/15/02*		(a)	90.60	(a)	3545.88
	08/05/02*		(a)	89.79	(a)	3546.69
	01/14/03*		(a)	90.71	(a)	3545.77
SVE-5	11/12/97	3635.65 (d)	(a)	89.60	(a)	3546.05
	12/29/97		(a)	89.59	(a)	3546.06
	01/09/98		(a)	89.75	(a)	3545.90
	11/24/98		(a)	89.60	(a)	3546.05
	02/10/99*		(a)	89.67	(a)	3545.98
	06/02/99		(a)	89.59	(a)	3546.06
	08/10/99*		(a)	89.71	(a)	3545.94
	02/14/00*	3635.66 (f)	(a)	89.85	(a)	3545.81
	10/17/00*		(a)	89.59	(a)	3546.07
	02/15/01*		(a)	89.86	(a)	3545.80
	08/08/01		(a)	89.82	(a)	3545.84
	03/15/02*		(a)	89.88	(a)	3545.78
	08/05/02*		(a)	89.75	(a)	3545.91
	01/14/03*		(a)	89.97	(a)	3545.69
SVE-6	11/12/97	3636.38 (d)	(a)	90.20	(a)	3546.18
	12/29/97		(a)	90.20	(a)	3546.18
	01/09/98		(a)	90.25	(a)	3546.13
	11/24/98		(a)	90.20	(a)	3546.18
	02/10/99*		(a)	90.27	(a)	3546.11
	06/02/99		(a)	90.13	(a)	3546.25
	08/10/99*		(a)	90.23	(a)	3546.15
	02/14/00*	3636.38 (f)	(a)	90.44	(a)	3545.94
	10/17/00*		(a)	90.19	(a)	3546.19
	02/15/01*		(a)	90.43	(a)	3545.95

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	08/08/01		(a)	90.40	(a)	3545.98
	03/15/02*		(a)	90.49	(a)	3545.89
	08/05/02*		(a)	90.32	(a)	3546.06
	01/14/03*		(a)	90.56	(a)	3545.82
SVE-7	11/12/97	3637.01 (d)	(a)	89.61	(a)	3547.40
	12/29/97		(a)	90.52	(a)	3546.49
	08/04/98*		(a)	90.58	(a)	3546.43
	11/24/98		(a)	90.71	(a)	3546.30
	02/10/99*		(a)	90.60	(a)	3546.41
	06/02/99	3636.01 (f)	(a)	89.61	(a)	3546.40
	08/10/99*		(a)	89.80	(a)	3546.21
	02/14/00*	3636.01 (f)	(a)	89.88	(a)	3546.13
	10/17/00*		(a)	89.87	(a)	3546.14
	02/15/01*		(a)	89.89	(a)	3546.12
	08/08/01		(a)	89.89	(a)	3546.12
	03/15/02*		(a)	89.94	(a)	3546.07
	08/05/02*		(a)	89.90	(a)	3546.11
	01/14/03*		(a)	89.99	(a)	3546.02
SVE-8	06/02/99	—	89.15	92.09	2.94	—
	06/04/99	3637.71 (e)	90.75	92.63	1.88	3546.58
	06/15/99		89.19	92.46	3.27	3547.87
	07/13/99		89.85	92.20	2.35	3547.39
	07/27/99		90.26	92.50	2.24	3547.00
	08/24/99		90.00	92.32	2.32	3547.25
	09/16/99		89.63	91.86	2.23	3547.63
	09/30/99		90.40	92.26	1.86	3546.94
	10/19/99		90.91	92.48	1.57	3546.49
	10/26/99		90.93	93.12	2.19	3546.34
	11/09/99		90.73	92.99	2.26	3546.53
	11/24/99		91.47	92.85	1.38	3545.96
	12/14/99		90.49	92.88	2.39	3546.74
	01/04/00		90.88	93.02	2.14	3546.40
	01/20/00		89.29	91.10	1.81	3548.06
	02/14/00*	3637.72 (f)	91.70	92.23	0.53	3545.91
	06/26/00		89.58	91.62	2.04	3547.73
	07/27/00		89.96	91.65	1.69	3547.42
	08/07/00		89.95	92.16	2.21	3547.33
	08/24/00		90.41	92.61	2.20	3546.87
	09/07/00		90.08	92.21	2.13	3547.21
	02/15/01*		91.80	92.01	0.21	3545.88
	03/09/01		90.33	92.54	2.21	3546.95
	03/29/01		90.75	93.39	2.64	3546.44
	08/08/01		90.45	91.98	1.53	3546.96
	02/01/02		91.65	91.74	0.09	3546.05
	02/11/02		91.70	92.55	0.85	3545.85
	03/15/02*		91.64	92.79	1.15	3545.85
	08/05/02*		90.65	90.68	0.03	3547.06
	01/14/03*		90.86	90.91	0.05	3546.85

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-9	06/02/99	—	89.28	91.56	2.28	—
	06/04/99	3637.48 (e)	90.41	93.14	2.73	3546.52
	07/20/99		90.09	92.80	2.71	3546.85
	08/03/99		90.05	92.98	2.93	3546.84
	08/10/99*		90.96	93.27	2.31	3546.06
	09/02/99		90.40	93.48	3.08	3546.46
	09/20/99		89.66	92.03	2.37	3547.35
	10/05/99		91.02	93.25	2.23	3546.01
	10/19/99		91.14	93.23	2.09	3545.92
	11/09/99		90.35	92.84	2.49	3546.63
	11/24/99		91.16	93.12	1.96	3545.93
	12/14/99		90.20	92.73	2.53	3546.77
	01/04/00		90.62	92.23	1.61	3546.54
	02/14/00*	3637.51 (f)	91.23	92.97	1.74	3545.93
	08/07/00		90.77	92.87	2.10	3546.32
	02/15/01*		91.44	92.10	0.66	3545.94
	08/08/01		89.99	91.41	1.42	3547.24
	02/01/02		91.29	91.97	0.68	3546.08
	02/11/02		91.42	92.44	1.02	3545.89
	03/15/02*		91.38	92.53	1.15	3545.90
	08/05/02*		90.10	90.36	0.26	3547.36
	01/14/03*		91.57	92.15	0.58	3545.82
SVE-10	06/02/99	—	(a)	89.90	(a)	—
	06/04/99	3637.38 (e)	(a)	91.20	(a)	3546.18
	06/28/99		89.72	90.89	1.17	3547.43
	07/06/99		89.51	91.61	2.10	3547.45
	07/27/99		90.59	93.59	3.00	3546.19
	08/10/99*		90.88	93.51	2.63	3545.97
	08/24/99		90.70	93.25	2.55	3546.17
	09/07/99		90.65	93.44	2.79	3546.17
	09/23/99		90.62	93.18	2.56	3546.25
	10/12/99		90.79	93.49	2.70	3546.05
	10/26/99		90.84	93.09	2.25	3546.09
	11/09/99		90.76	92.98	2.22	3546.18
	11/24/99		90.43	92.42	1.99	3546.55
	12/14/99		90.67	92.91	2.24	3546.26
	02/01/00		89.89	92.41	2.52	3546.99
	02/14/00*	3637.36 (f)	91.06	93.19	2.13	3545.87
	02/22/00		90.84	91.68	0.84	3546.35
	03/06/00		90.75	91.96	1.21	3546.37
	03/27/00		91.06	91.53	0.47	3546.21
	04/10/00		90.07	92.14	2.07	3546.88
	05/25/00		90.25	92.15	1.90	3546.73
	06/08/00		90.76	92.83	2.07	3546.19
	06/26/00		90.61	92.01	1.40	3546.47
	07/27/00		90.58	91.78	1.20	3546.54
	08/07/00		90.94	92.39	1.45	3546.13
	08/24/00		91.16	92.01	0.85	3546.03
	02/15/01*		91.51	91.72	0.21	3545.81
	08/08/01		91.31	92.52	1.21	3545.81

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	02/01/02		91.34	92.55	1.21	3545.78
	02/11/02		91.46	92.74	1.28	3545.64
	03/15/02*		91.48	92.39	0.91	3545.70
	08/05/02*		90.22	90.36	0.14	3547.11
	01/14/03*		91.48	92.45	0.97	3545.69
SVE-11	06/02/99	---	(a)	90.89	(a)	---
	06/04/99	3637.31 (e)	(a)	91.45	(a)	3545.86
	06/15/99		(a)	91.44	(a)	3545.87
	06/24/99		(a)	91.47	(a)	3545.84
	07/13/99		(a)	91.46	(a)	3545.85
	07/27/99		(a)	91.51	(a)	3545.80
	08/10/99*		(a)	91.45	(a)	3545.86
	08/24/99		(a)	91.40	(a)	3545.91
	09/07/99		(a)	91.42	(a)	3545.89
	09/23/99		(a)	91.51	(a)	3545.80
	10/12/99		(a)	91.51	(a)	3545.80
	10/26/99		(a)	91.48	(a)	3545.83
	11/09/99		(a)	91.44	(a)	3545.87
	11/24/99		(a)	91.49	(a)	3545.82
	12/14/99		(a)	91.45	(a)	3545.86
	12/28/99		(a)	91.45	(a)	3545.86
	01/13/00		(a)	91.59	(a)	3545.72
	01/20/00		(a)	91.48	(a)	3545.83
	02/01/00		(a)	91.53	(a)	3545.78
	02/14/00*	3637.31 (f)	(a)	91.53	(a)	3545.78
	02/22/00		(a)	91.48	(a)	3545.83
	03/06/00		(a)	91.43	(a)	3545.88
	03/27/00		(a)	91.58	(a)	3545.73
	04/10/00		(a)	91.48	(a)	3545.83
	04/27/00		(a)	91.54	(a)	3545.77
	05/08/00		(a)	91.47	(a)	3545.84
	05/25/00		(a)	91.52	(a)	3545.79
	06/08/00		(a)	91.51	(a)	3545.80
	06/26/00		(a)	91.52	(a)	3545.79
	07/11/00		(a)	91.51	(a)	3545.80
	07/27/00		(a)	91.50	(a)	3545.81
	08/07/00		(a)	91.51	(a)	3545.80
	08/24/00		(a)	91.50	(a)	3545.81
	09/07/00		(a)	91.49	(a)	3545.82
	10/09/00		(a)	91.51	(a)	3545.80
	10/17/00*		(a)	91.45	(a)	3545.86
	11/02/00		(a)	91.51	(a)	3545.80
	11/22/00		(a)	91.50	(a)	3545.81
	12/11/00		(a)	91.51	(a)	3545.80
	01/05/01		(a)	91.52	(a)	3545.79
	01/22/01		(a)	91.52	(a)	3545.79
	02/09/01		(a)	91.53	(a)	3545.78
	02/15/01*		(a)	91.54	(a)	3545.77
	03/09/01		(a)	91.52	(a)	3545.79
	03/29/01		(a)	91.52	(a)	3545.79

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	08/08/01		(a)	91.54	(a)	3545.77
	02/01/02		(a)	91.72	(a)	3545.59
	03/15/02*		(a)	91.65	(a)	3545.66
	08/05/02*		(a)	90.44	(a)	3546.87
	01/14/03*		(a)	91.76	(a)	3545.55
SVE-12	06/02/99	---	88.75	91.36	2.61	---
	06/04/99	3637.39 (e)	90.34	92.64	2.30	3546.59
	06/24/99		90.81	93.71	2.90	3546.00
	07/01/99		88.78	92.09	3.31	3547.95
	07/15/99		90.51	93.29	2.78	3546.32
	08/10/99*		90.95	93.08	2.13	3546.01
	08/24/99		90.50	92.61	2.11	3546.47
	09/09/99		90.48	93.16	2.68	3546.37
	09/23/99		90.19	92.42	2.23	3546.75
	10/12/99		90.61	93.28	2.67	3546.25
	10/28/99		90.57	92.93	2.36	3546.35
	11/09/99		90.60	93.08	2.48	3546.29
	11/24/99		91.06	93.22	2.16	3545.90
	12/14/99		90.45	93.19	2.74	3546.39
	01/20/00		89.20	90.99	1.79	3547.83
	02/01/00		89.03	90.84	1.81	3548.00
	02/14/00*	3637.41 (f)	91.16	93.01	1.85	3545.88
	10/09/00		90.15	91.51	1.36	3546.99
	11/02/00		91.11	93.05	1.94	3545.91
	10/17/00*		90.93	92.49	1.56	3546.17
	02/15/01*		91.45	91.76	0.31	3545.90
	08/08/01		90.38	90.50	0.12	3547.01
	02/01/02		(a)	90.37	(a)	3547.04
	02/11/02		(a)	90.62	(a)	3546.79
	03/15/02*		91.38	92.27	0.89	3545.85
	08/05/02*		90.34	90.54	0.20	3547.03
	01/14/03*		91.50	92.03	0.53	3545.80
SVE-13	12/28/99	3637.33 (f)	91.20	91.99	0.79	3545.97
	01/25/00		90.76	91.79	1.03	3546.36
	02/14/00*		91.13	92.87	1.74	3545.85
	02/22/00		90.48	91.56	1.08	3546.63
	03/09/00		90.38	92.84	2.46	3546.46
	04/27/00		90.28	92.29	2.01	3546.65
	05/08/00		90.07	92.08	2.01	3546.86
	05/25/00		90.27	92.86	2.59	3546.54
	06/19/00		90.64	92.09	1.45	3546.40
	07/11/00		90.51	91.57	1.06	3546.61
	08/07/00		90.60	93.20	2.60	3546.21
	02/15/01*		91.38	91.40	0.02	3545.95
	08/08/01		91.27	91.80	0.53	3545.95
	02/01/02		91.42	91.67	0.25	3545.86
	02/11/02		91.50	91.71	0.21	3545.79
	03/15/02*		91.36	91.55	0.19	3545.93
	08/05/02*		90.27	90.52	0.25	3547.01

Table 1. Summary of Ground Water Surface Elevations
TW Bell Lake Gas Plant

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	01/14/03*		91.45	91.74	0.29	3545.82

NOTES:
(a) Not applicable since no measurable thickness of hydrocarbon is present
(b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.8
(c) TOC elevation based on survey by John West Surveying Co. on 12/28/95
(d) TOC elevation based on survey by CES (GCR) on 01/09/98
(e) TOC elevation based on survey by CES (GCR) on 08/11/99
(f) TOC elevation based on survey by John West Surveying Co. on 12/27/99
w/adjustments: MW-2=+0.06, MW-7 & SVE-1-13=+0.08, MW-10-13=+0.02
(g) TOC elevation based on survey by John West Surveying Co. on 01/09/03

Table 2. Summary of Ground Water Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-1	10/24/93	-	**24**	29	32	82	-	-	-	-
	12/07/94	-	**92**	50	54	< 111	-	8.82	-	-
	05/31/95	-	8	13	9	29	-	8.80	-	-
	12/14/95	-	< 200	366	< 200	204	-	**9.55**	18.7	8090
	02/21/96	757	**13**	62	29	53	-	-	-	-
	05/16/96	-	**15**	9	33	47	-	**9.68**	26.7	14650
	08/14/96	744	**11**	5	23	30	< 1	8.97	23.2	8490
	11/14/96	-	2.4	4.9	13	9	< 1	8.38	19.7	-
	02/08/97	-	**11**	13	11	14	< 1	**9.32**	14.5	9200
	08/09/97	-	**14**	14	12	12	0	8.92	23.1	8750
	02/25/98	-	6.54	7.66	8.45	7.01	0	**9.45**	19.7	9340
	08/03/98	-	6.5	6.4	11	11	1.5	8.59	22.4	7450
	02/10/99	-	5	3	14	3	1.3	8.63	22.2	7160
	08/10/99	-	**11**	10	11	7	0.7	**9.08**	23.8	7090
	02/14/00	-	7.8	5.4	18	7.8	3.4	**9.37**	20.6	9240
	10/17/00	-	5.77	4.93	8	5.1	3.3	**9.53**	21.6	9240
	02/16/01	-	4.07	3.75	8.17	4.42	-	**9.98**	20.4	12120
	08/08/01	-	8.38	9.79	2.71	7.16	4.2	**9.06**	21.2	10240
	03/16/02	-	< 5	< 5	< 5	< 5	0.2	8.68	22.8	6460
	08/05/02	-	8.2	12	1.1	5.0	3.2	8.43	21.6	10020
	01/14/03	-	9.2	13	0.61	6.5	0.5	8.94	23.0	6290
MW-2	10/19/93	-	< 5	< 5	< 5	< 5	-	-	-	-
	12/07/94	-	6	5	< 2	< 4	-	7.18	-	-
	05/31/95	-	3	< 2	< 2	< 2	-	7.40	-	-
	12/14/95	-	< 2	< 2	< 2	< 2	-	8.26	19.8	3890
	02/20/96	< 50	< 2	< 2	< 2	< 2	-	7.07	22.2	2220
	05/16/96	< 50	< 2	< 2	< 2	< 2	-	7.84	24.4	3950
	08/13/96	-	< 2	< 2	< 2	< 3	3	8.62	27.2	6860
	11/14/96	-	< 2	< 2	< 2	< 2	2	7.67	16.9	-
	02/08/97	-	< 2	< 2	< 2	< 2	4	7.38	13.7	2000
	08/08/97	-	7.3	5.4	< 2	2.7	1.7	7.38	22.0	1701
	02/25/98	-	< 5	< 5	< 5	< 5	2.8	7.56	18.6	1433
	08/03/98	-	< 5	< 5	< 5	< 5	3.6	8.12	22.5	3340
	02/10/99	-	1	< 1	< 1	< 1	2.5	7.53	22.1	1284
	08/10/99	-	2	< 2	< 2	< 2	2.5	7.84	21.8	2000
	02/14/00	-	**12**	7.4	< 1	3.9	4.3	**9.10**	20.3	6680
	10/17/00	-	0.831	< 0.500	< 0.500	< 1.00	3.4	8.99	21.0	5010
	02/16/01	-	1.15	< 0.500	< 0.500	< 1.00	2.5	**9.21**	19.0	5280
	08/08/01	-	2.43	1.04	< 1	< 2	2.8	8.72	20.8	5180
	03/16/02	-	< 5	< 5	< 5	< 5	2.3	8.36	22.2	3550
	08/05/02	-	0.90	< 0.50	< 0.50	< 0.50	4.9	7.74	21.2	4130
	01/14/03	-	5.7	3.5	< 0.50	1.6	1.6	8.17	22.8	2410
MW-3	10/20/93	-	< 5	< 5	< 5	< 5	-	-	-	-
	12/07/94	-	< 2	< 2	< 2	< 4	-	7.32	-	-
	05/31/95	-	< 2	< 2	< 2	< 2	-	7.70	-	-

Table 2. Summary of Ground Water Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
	12/14/95	-	< 2	< 2	< 2	< 2	-	7.79	23.0	480
	02/20/96	-	< 2	< 2	< 2	2	-	7.52	22.7	490
	05/16/96	< 50	< 2	< 2	< 2	< 2	-	7.62	27.2	558
	08/13/96	-	< 2	< 2	< 2	< 3	10	7.46	28.9	550
	11/14/96	-	< 2	< 2	< 2	< 2	8	7.37	17.2	-
	02/08/97	-	< 2	< 2	< 2	< 2	8	7.35	15.3	400
	08/09/97	-	< 2	< 2	< 2	< 2	8.1	7.53	21.6	573
	02/25/98	-	< 5	< 5	< 5	< 5	8.1	7.51	18.7	484
	08/03/98	-	< 5	< 5	< 5	< 5	8.5	7.51	21.8	516
MW-4	12/07/94	-	**18**	71	4	160	-	**9.7**	-	-
	05/31/95	-	**300**	**1300**	< 2	**800**	-	**10.0**	-	-
	12/13/95	-	**445**	**1380**	< 200	**970**	-	**10.73**	17.7	6300
	02/21/96	2520	**< 200**	454	< 200	460	-	-	-	-
	05/16/96	58800	**92**	549	52	**1370**	-	**9.93**	27.5	9840
	08/14/96	80200	**333**	**992**	< 200	**2630**	< 1	**12.89**	24.0	6480
	11/14/96	-	**260**	**1010**	55	**1200**	< 1	8.51	21.1	-
	02/08/97	-	**240**	**1000**	< 100	**1200**	< 1	**10.73**	16.5	7600
MW-5	12/07/94	-	9	20	4	64	-	**9.29**	-	-
	05/31/95	-	**51**	109	16	219	-	**9.00**	-	-
	12/12/95	-	**27**	26	16	107	-	**10.40**	21.5	12420
	02/21/96	1090	**45**	59	17	133	-	**12.96**	20.4	9860
	05/16/96	1710	**51**	52	26	177	-	8.85	26.7	10110
	08/14/96	28900	**48**	33	21	150	< 1	**9.10**	24.4	10620
	11/14/96	-	**67**	56	32	270	< 1	8.61	22.6	-
	02/08/97	-	**75**	60	26	140	< 1	**9.58**	15.3	4200
	08/09/97	-	**140**	110	47	370	0.6	8.74	26.1	12060
	02/25/98	-	**91.8**	100	19.5	172.1	0.6	8.97	18.9	11540
	08/04/98	-	**110**	96	27	190	2.5	8.73	24.0	11760
	02/11/99	-	**120**	140	18	200	1.3	8.94	17.3	12000
	08/10/99	-	**82**	76	20	130	1.5	8.71	21.6	11010
	02/14/00	-	**110**	72	33	200	1.0	8.92	21.3	11980
	10/18/00	-	**168**	230	30.4	306	3.1	8.63	21.5	9460
	02/15/01	-	**104**	74.9	26.1	157	1.1	8.61	21.5	10000
	08/09/01	-	**106**	100	22.5	169.8	1.0	8.37	21.5	8710
	03/17/02	-	**92**	30.9	14.8	95.6	0.5	8.72	23.1	10780
	08/06/02	-	**120**	97	23	150	1.6	7.71	22.4	8900
	01/15/03	-	**110**	53	30	130	1.5	8.51	23.2	9160
MW-6	12/07/94	-	< 2	3	< 2	< 6	-	8.51	-	-
	05/31/95	-	**28**	26	4	57	-	**9.20**	-	-
	12/12/95	-	**18**	11	3	33	-	**9.13**	21.6	6150
	02/20/96	277	**16**	12	6	48	-	**9.04**	21.7	6000
	05/16/96	618	**24**	26	10	74	-	**9.09**	28.4	7880
	08/14/96	27100	**24**	23	< 20	80	< 1	8.79	23.1	6590
	11/14/96	-	**38**	31	11	43	< 1	8.62	21.9	-

Table 2. Summary of Ground Water Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
	02/08/97	-	**24**	22	11	75	< 1	**9.67**	17.4	8700
	08/09/97	-	**68**	58	28	150	0	**9.14**	24.0	8470
	02/25/98	-	**26.1**	25.0	13.7	107.0	0.1	**9.06**	18.4	7390
	08/04/98	-	**29**	22	24	120	1.9	**9.01**	24.3	8540
	02/10/99	-	**32**	37	15	140	-	-	-	-
	08/10/99	-	**110**	68	110	360	1.5	**9.02**	21.5	8060
	02/14/00	-	**29**	18	32	100	1.1	**9.28**	20.6	8890
dup (MW-14)	02/14/00	-	**22**	9.0	30	85	-	-	-	-
	10/18/00	-	**26.8**	20.1	26.2	92.7	1.0	8.98	21.0	8980
	02/15/01	-	**27.9**	18.8	31.0	98.5	0.6	**9.03**	21.0	7230
dup (MW-17)	02/15/01	-	**21.7**	10.6	28.1	87.6	-	-	-	-
	08/09/01	-	**29.8**	21	27.2	87.28	1.1	**9.08**	20.8	6820
	03/17/02	-	**24.9**	14.7	16.2	59.8	0.5	**9.42**	22.4	9010
	08/06/02	-	**32**	18	23	77	2.1	8.05	21.7	6560
	01/15/03	-	**33**	20	29	81	0.5	**9.36**	22.6	7770
MW-7	12/13/95	-	< 2	< 2	< 2	< 2	-	7.15	19.5	4580
	02/20/96	< 50	2	< 2	< 2	< 2	-	6.47	22.5	6310
	05/15/96	< 50	4	< 2	2	< 2	-	6.57	25.9	7070
	08/14/96	< 50	**11**	< 2	< 2	< 2	2	6.80	22.3	5270
	11/14/96	-	< 2	< 2	< 2	< 2	< 1	6.79	18.7	-
	02/08/97	-	< 2	< 2	< 2	< 2	1.4	6.97	15.0	5700
	08/08/97	-	< 2	< 2	< 2	< 2	0.9	6.84	22.6	6650
	02/24/98	-	< 5	< 5	< 5	< 5	2.0	6.79	20.3	6730
	08/04/98	-	< 5	5.6	< 5	< 5	2.3	6.80	22.8	7030
	08/10/99	-	< 2	< 2	< 2	< 2	2.5	6.86	21.3	6380
	02/15/00	-	< 1	< 1	2.0	1.1	2.1	6.87	20.4	5650
	10/18/00	-	0.702	< 0.500	< 0.500	< 1.00	2.1	6.67	19.9	4600
	02/15/01	-	0.514	< 0.500	< 0.500	< 1.00	1.5	6.83	20.9	5750
	08/08/01	-	< 1	< 1	< 1	< 2	1.4	6.73	20.8	5330
	03/17/02	-	< 1	1.3	< 1	< 1	1.7	6.87	22.1	5560
	08/06/02	-	< 0.50	< 0.50	1.1	< 0.50	2.9	6.92	22	4380
	01/16/03	-	0.69	< 0.50	< 0.50	< 0.50	1.4	6.67	22.6	5740
MW-8	12/12/95	-	**227**	391	< 200	228	-	8.76	19.7	4790
	02/21/96	1630	**191**	379	< 20	300	-	**9.34**	21.2	2920
	05/16/96	1110	**47**	94	5	91	-	8.43	27.2	6870
	08/14/96	45500	**54**	110	< 20	93	< 1	8.75	23.6	2440
	11/14/96	-	**110**	230	11	160	< 1	8.61	21.6	-
	02/08/97	-	**98**	210	8	130	0.4	**9.57**	16.9	4000
	08/09/97	-	**430**	660	< 100	610	0.1	**9.17**	24.7	5010
	02/26/98	-	**248**	461	14.9	388.2	1.1	**9.36**	18.3	4130
dup (MW-13)	02/26/98	-	**104**	207	< 50	121	-	-	-	-
	08/04/98	-	**200**	410	19	340	2.6	**9.14**	22.5	4080
	02/11/99	-	**210**	360	15	400	0.8	**9.43**	19.6	4480
	08/11/99	-	**150**	290	12	310	0.9	**9.37**	21.1	4760
dup (MW-13)	08/11/99	-	**86**	110	10	160	-	-	-	-

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TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
	02/14/00	-	**150**	310	17	280	0.6	**9.39**	20.6	5030
	10/19/00	-	**285**	547	27.1	512	2.2	**9.38**	20.1	4430
	02/16/01	-	**255**	446	21.2	425	0.0	**9.51**	20.8	6640
	08/09/01	-	**239**	430	24.5	442	1.0	**9.66**	20.9	4260
	03/17/02	-	**229**	345	< 20	306	0.0	**9.35**	22.4	8050
dup (MW-24)	03/17/02	-	**174**	262	< 20	216	-	-	-	-
	08/06/02	-	**120**	290	49	210	0.0	**9.26**	23.3	5990
dup (MW-24)	08/06/02	-	**150**	260	14	280	-	-	-	-
	01/16/03	-	**140**	270	12	270	0.0	**9.26**	22.5	6500
MW-9	12/12/95	-	**< 200**	241	< 200	383	-	7.17	23.2	14520
	02/21/96	2540	**331**	662	< 200	< 200	-	-	-	-
	05/16/96	42100	**460**	450	< 200	**1650**	-	6.93	30.1	17580
	08/14/96	46200	**250**	340	< 50	**800**	-	-	26.8	11640
	11/14/96	-	**240**	410	28	**780**	< 1	8.72	23.2	-
	02/08/97	-	**250**	480	< 100	**930**	< 1	7.50	18.9	17700
	08/09/97	-	**490**	**810**	< 100	**1100**	1.3	7.20	25.9	17080
	02/25/98	-	**251**	693	< 50	**845**	0	7.21	19.4	19960
	08/04/98	-	**190**	460	28	**680**	1.2	7.31	223	-
	02/11/99	-	**230**	510	25	580	1.2	7.25	20.1	17460
dup (MW-13)	02/11/99	-	**240**	520	25	**640**	-	-	-	-
	08/11/99	-	**210**	430	20	560	2.3	7.34	21.5	16650
	02/14/00	-	**190**	280	32	**670**	1.8	7.35	21.1	16600
	10/19/00	-	**240**	108	28.9	**711**	2.3	7.38	20.9	14880
dup (MW-14)	10/19/00	-	**223**	142	31.8	**759**	-	-	-	-
	02/15/01	-	**176**	85.9	25.7	**638**	1.4	7.41	20.9	16150
dup (MW-16)	02/15/01	-	**186**	84.4	28.5	**673**	-	-	-	-
	08/09/01	-	**176**	50.8	22.8	534	1.0	7.29	21.3	15180
	03/17/02	-	**197**	< 100	< 100	466	0.6	7.27	22.8	17130
	08/06/02	-	**220**	45	53	530	1.6	7.20	21.4	14810
	01/16/03	-	**260**	94	23	**700**	0.6	7.25	22.8	16050
MW-10	01/09/98	-	**49**	37	4.3	71	-	-	-	-
	02/25/98	-	**60.3**	46.3	< 5	79.1	0.7	6.74	18.7	953
	08/04/98	-	**56**	39	5.4	85	3.0	6.81	23.8	11040
	02/11/99	-	**56**	24	5	89	0.9	6.87	16.7	9860
	08/11/99	-	**33**	7	3	32	1.5	6.88	20.8	9320
	02/15/00	-	**46**	9.0	4.5	32	1.7	6.88	20.5	9600
	10/19/00	-	**21.9**	2.7	1.57	16.1	2.0	6.85	20.4	9060
	02/15/01	-	**18.7**	2.18	1.28	18.8	1.4	6.89	21.1	10200
dup (MW-15)	02/15/01	-	**16.2**	1.83	1.09	16.0	-	-	-	-
	08/09/01	-	**17.8**	2.21	1.22	16.49	1.0	6.85	20.5	10060
dup (MW-14)	08/09/01	-	**17.2**	2.17	1.21	16.52	-	-	-	-
	03/16/02	-	**35.4**	7.00	< 0.5	26.9	1.0	6.93	22	11550
	08/06/02	-	**23**	2.7	2.4	31	0.8	6.94	23	11600
	01/16/03	-	**20**	4.1	2.4	36	1.2	6.89	22	11790

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TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-11	01/10/98	-	**360**	320	19	490	-	-	-	-
	02/25/98	-	**466**	439	23.7	570	2.1	6.61	18.7	13670
	08/04/98	-	**490**	590	32	**650**	3.2	6.67	21.3	14570
	02/11/99	-	**610**	610	31	**670**	2.2	6.65	19.7	15560
	08/11/99	-	**430**	370	30	**640**	2.1	6.71	21.1	14950
	02/14/00	-	**440**	280	38	**620**	2.9	6.76	20.7	14730
	10/19/00	-	**453**	197	29.1	**652**	2.6	6.81	20.5	13470
	02/16/01	-	**505**	165	26.3	**686**	1.7	6.74	20.9	14090
dup (MW-14)	02/16/01	-	**559**	155	30.5	**753**	-	-	-	-
	08/09/01	-	**190**	80.3	13.7	290.7	1.6	6.78	20.8	12950
	03/17/02	-	**436**	60.3	< 50	428	1.8	6.84	22.1	13650
	08/06/02	-	**420**	41	55	520	1.0	6.85	23.2	13430
	01/16/03	-	**380**	48	19	400	1.7	6.76	22.5	13250
dup (MW-24)	01/16/03	-	**360**	62	25	500	-	-	-	-
MW-12	01/10/98	-	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	-
	02/24/98	-	< 5	< 5	< 5	< 5	6.8	7.67	20.6	547
	08/04/98	-	< 1	< 1	< 1	< 1	7.4	7.67	21.3	617
	02/10/99	-	< 1	< 1	< 1	< 1	7.5	7.61	21.3	659
	08/10/99	-	< 2	< 2	< 2	< 2	7.6	7.65	20.9	686
	02/15/00	-	< 1	< 1	< 1	< 1	6	7.64	20.6	737
	10/19/00	-	< 0.500	< 0.500	< 0.500	< 1.00	5.4	7.55	20.3	748
	02/15/01	-	< 0.500	< 0.500	< 0.500	< 1.00	5.1	7.60	21.0	821
	08/09/01	-	< 1	< 1	< 1	< 2	4.3	7.43	20.8	839
	03/16/02	-	< 1	13	< 1	< 1	2.8	7.54	21.9	1030
	08/06/02	-	< 0.50	< 0.50	< 0.50	< 0.50	2.4	7.52	23.0	1083
	01/15/03	-	0.77	< 0.50	< 0.50	< 0.50	2.0	7.46	22.7	1190
MW-13	12/15/99	-	< 1	< 2	< 2	< 4	-	-	-	-
	02/14/00	-	< 1	< 1	< 1	1.3	1.8	6.83	20.4	4900
	10/19/00	-	< 0.500	< 0.500	< 0.500	< 1.00	3.7	6.82	19.7	4620
	02/15/01	-	< 0.500	< 0.500	< 0.500	< 1.00	1.5	6.79	21.0	5070
	08/09/01	-	< 1	< 1	< 1	< 2	1.6	6.69	20.8	4820
	03/16/02	-	< 1	< 1	< 1	< 1	1.4	6.79	21.0	5430
	08/06/02	-	< 0.50	< 0.50	< 0.50	< 0.50	1.8	6.80	23.2	5300
	01/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	1.5	6.80	22.5	5290
MW-14	12/14/02	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	01/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	2.3	6.78	22.7	2780
MW-15	12/14/02	-	0.51	0.64	1.3	< 0.50	-	-	-	-
	01/15/03	-	< 0.50	< 0.50	1.6	0.52	2.6	6.71	22.7	5750
MW-16	12/14/02	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	01/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	5.7	7.52	22.4	1309
Water Well	05/31/95	-	< 2	< 2	< 2	< 2	-	8.20	-	-
	12/14/95	-	< 2	< 2	< 2	< 2	-	8.53	22.9	1160
	02/21/96	-	< 2	< 2	< 2	< 2	-	9.06	23.3	1390

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Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
	05/16/96	< 50	< 2	< 2	< 2	< 2	-	7.52	27.3	1320
	08/14/96	-	< 2	< 2	< 2	< 3	-	-	-	-
	11/14/96	-	< 2	< 2	< 2	< 2	< 1	7.52	-	-
	02/08/97	-	< 2	< 2	< 2	< 2	0.8	8.45	20.2	1200
	08/09/97	-	< 2	< 2	< 2	< 2	1.1	8.11	24.9	1338
	02/26/98	-	< 5	< 5	< 5	< 5	0.8	7.56	20.6	1221
	08/04/98	-	< 1	< 1	< 1	< 1	1.4	8.12	22.2	1362
	02/11/99	-	< 1	< 1	< 1	< 1	-	-	-	-
	08/11/99	-	< 2	< 2	< 2	< 2	-	-	-	-
	02/15/00	-	< 1	< 1	< 1	< 1	0.9	8.18	22.3	1325
	02/16/01	-	< 0.500	< 0.500	< 0.500	< 1.00	-	-	-	-
	08/09/01	-	< 1	< 1	< 1	< 2	5.0	8.31	27.0	1292
	03/17/02	-	< 1	< 1	< 1	< 1	1.8	8.17	23.8	1310
	08/06/02	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	01/16/03	-	< 0.50	< 0.50	< 0.50	< 0.50	2.5	7.99	23.9	1310
SVE-2	12/13/95	-	**< 200**	231	< 200	202	< 1	**9.50**	21.4	5820
	02/20/96	< 500	**133**	191	< 2	72	2	**9.05**	22.0	4750
	10/17/00	-	1.72	< 0.500	< 0.500	3.19	1.8	7.28	21.9	3190
	02/16/01	-	1.76	1.12	< 0.500	4.16	0.8	7.74	23.8	3930
	08/08/01	-	1.62	< 1	< 1	< 2	1.3	7.37	23.1	2870
	03/17/02	-	1.1	1.5	< 1	< 1	1.2	7.52	24.4	3750
	08/06/02	-	2.8	2.9	< 0.50	0.51	1.2	7.31	24.3	3630
	01/15/03	-	0.89	0.79	< 0.50	0.66	0.6	7.51	25.2	3670
SVE-5	10/18/00	-	**754**	**2010**	158	**3150**	-	-	-	-
	02/16/01	-	**166**	508	48.4	**1210**	-	-	-	-
	08/08/01	-	**917**	**2590**	114	**3228**	-	-	-	-
	03/16/02	-	**1110**	**1770**	< 200	**1920**	-	-	-	-
	08/06/02	-	**300**	**1100**	80	**1400**	0.2	8.59	24.6	16000
	01/14/03	-	**570**	**1800**	130	**2900**	-	-	-	-
SVE-6	10/18/00	-	**125**	322	28.3	**652**	-	-	-	-
	02/16/01	-	**143**	337	29.7	**943**	-	-	-	6920
	08/08/01	-	**102**	218	6.09	275.5	3.8	**10.36**	22.5	8040
	03/16/02	-	**119**	264	< 5	256	1.1	**10.42**	23.8	8730
	08/05/02	-	**230**	710	87	470	4.6	8.46	23.1	8210
	01/15/03	-	**180**	440	65	380	1.0	**10.42**	24.1	13920
SVE-7	10/17/00	-	6.16	0.936	< 0.500	2.01	2.3	7.95	22.1	8170
	02/16/01	-	7.66	0.851	< 0.500	1.98	-	8.13	20.9	8020
	08/08/01	-	**22.6**	3.99	1.43	13.61	4.5	7.93	21.8	9950
	03/16/02	-	8.3	< 5	< 5	< 5	0.9	7.95	23.7	12680
	08/05/02	-	3.4	< 0.50	< 0.50	< 0.50	2.9	7.37	22.6	6240
	01/15/03	-	4.1	< 0.50	< 0.50	< 0.50	2.7	8.16	22.4	6310
SVE-11	10/18/00	-	**552**	**1680**	47.0	**920**	4.2	**10.22**	21.2	19500

Table 2. Summary of Ground Water Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
	02/16/01	-	**497**	**1670**	83.6	**1180**	-	-	20.7	14540
	08/08/01	-	**468**	**1780**	53.1	**1123**	3.2	**10.12**	21.9	15840
	03/16/02	-	**721**	**1410**	< 200	**897**	0.0	**10.21**	23.7	1672
	08/06/02	-	**530**	**1800**	100	**1100**	0.5	**9.24**	23.2	13510
	01/15/03	-	**170**	540	36	340	-	-	-	-

Notes:
Values exceeding NMWQCC standards are shown in bold type
TPH - Total Petroleum Hydrocarbons by Method 8015 mod (gasoline fraction)

Table 3. Summary of Ground Water Analyses - Inorganics
TW Bell Lake Gas Plant

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)										
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-1	12/07/94	7100	-	-	140	-	.06[a]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	5800	1290	2620	78.3	2.0	0.37	0.04	62.7	114	12.6	1400	0.07	0.32	< 0.01	< 0.01	< 0.01	0.73	< 0.03	< 0.0002	0.28	< 0.04	< 0.01	< 0.03
	12/14/95	5640	-	2500	176	3.0	30	0.02	34.3	75.8	9.48	2400	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	5050	-	2450	155	< 0.50	< 0.05	0.04	35.8	112	11.7	1550	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	5610	-	2350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	5090	-	2050	-	-	-	-	-	-	-	-	< 0.03	0.30	< 0.01	< 0.01	0.01	1.7	< 0.03	< 0.0002	0.10	< 0.04	< 0.01	0.12
	02/25/98	5700	-	2140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/03/98	3600	-	2215	-	-	-	-	-	-	-	-	< 0.1	0.184	0.005	< 0.01	< 0.01	0.10	< 0.05	< 0.0002	0.063	< 0.1	< 0.01	< 0.02
	02/10/99	5250	-	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	6670	-	2600	-	-	-	-	-	-	-	-	0.085	0.159	< 0.002	< 0.005	< 0.002	0.053	< 0.025	< 0.0002	0.017	< 0.02	< 0.003	< 0.01
	10/17/00	4470	-	1790	-	-	-	-	-	-	-	-	0.0845	0.211	-	-	-	-	-	-	0.0770	-	-	-
	08/08/01	4650	-	1830	-	-	-	-	-	-	-	-	0.0952	0.195	-	-	-	-	-	-	0.0535	-	-	-
	08/05/02	4000	-	1500	-	-	-	-	-	-	-	-	0.058	0.18	-	-	-	-	-	-	0.059	-	-	-
	01/14/03	4300	-	1500	-	-	-	-	-	-	-	-	0.068	0.19	-	-	-	-	-	-	0.091	-	-	-
MW-2	10/19/93	9200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/94	2600	-	-	51	-	<0.05[a]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	1500	445	512	73.6	0.50	< 0.10	0.01	79.8	43.1	5.4	195	0.06	0.22	< 0.01	< 0.01	0.02	3.7	< 0.03	< 0.0002	0.67	< 0.04	< 0.01	0.04
	12/14/95	1420	-	470	89	< 1	10	0.02	132	46.2	5.89	3060	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	940	-	214	95.5	< 0.50	< 0.05	< 0.01	85.7	44.8	5.75	216	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	1040	-	325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/97	986	-	280	-	-	-	-	-	-	-	-	< 0.03	0.44	< 0.01	< 0.01	< 0.01	2.3	< 0.03	< 0.0002	0.38	< 0.04	< 0.01	0.03
	02/25/98	1020	-	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/03/98	1000	-	500	-	-	-	-	-	-	-	-	< 0.1	0.231	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.339	< 0.1	< 0.01	< 0.02
	02/10/99	2830	-	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	1750	-	730	-	-	-	-	-	-	-	-	0.056	0.280	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.0002	0.232	< 0.02	< 0.003	< 0.01
	10/17/00	996	-	299	-	-	-	-	-	-	-	-	0.0573	0.370	-	-	-	-	-	-	0.254	-	-	-
	08/08/01	1170	-	445	-	-	-	-	-	-	-	-	0.0863	0.327	-	-	-	-	-	-	0.194	-	-	-
	08/05/02	1400	-	550	-	-	-	-	-	-	-	-	0.12	0.41	-	-	-	-	-	-	0.18	-	-	-
	01/14/03	1500	-	560	-	-	-	-	-	-	-	-	0.089	0.38	-	-	-	-	-	-	0.28	-	-	-
MW-3	10/20/93	1500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/94	320	-	-	31	-	3.6[a]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	380	210	14.5	43.4	0.50	3.3	< 0.01	54.7	17.6	7.1	20.5	< 0.03	0.21	< 0.01	< 0.01	< 0.01	0.22	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	12/14/95	334	-	17.0	35	< 1.0	6.7	0.01	68	15.8	6.69	20.6	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	346	-	20.0	32.1	< 0.50	2.92	< 0.01	64.9	19.6	7.6	67.4	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. Summary of Ground Water Analyses - Inorganics
TW Bell Lake Gas Plant

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)										
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
	02/08/97	368	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	380	-	10	-	-	-	-	-	-	-	-	< 0.03	0.21	< 0.01	< 0.01	< 0.01	**1.0**	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	0.06
	02/25/98	330	-	13.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/03/98	200	-	15.0	-	-	-	-	-	-	-	-	< 0.1	0.184	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
MW-4	12/07/94	**4700**	-	-	70	-	<0.05[a]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	**5200**	2180	**1700**	104	17.5	< 0.10	< 0.01	< 0.10	0.76	4.9	1650	**0.33**	0.23	< 0.01	< 0.01	< 0.01	0.11	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	< 0.03
	12/13/95	**6600**	-	**1900**	90	21.0	**103**	< 0.01	74.2	4.25	6.15	1880	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	**3450**	-	**1010**	35.7	20.0	< 0.05	< 0.01	10.6	2.02	4.84	1210	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	**4380**	-	**1110**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-5	12/07/94	**9500**	-	-	49	-	<0.05[a]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	**7400**	1690	**4070**	12.4	4.5	< 0.10	0.01	4.8	2.0	13.8	2690	**0.14**	0.88	< 0.01	< 0.01	0.01	0.13	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	< 0.03
	12/12/95	**7580**	-	**3650**	24	3.0	**53**	0.06	6.13	1.98	11.8	2590	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	**8050**	-	**4050**	17.9	< 0.50	< 0.05	1.45	22.2	2.79	12.6	3100	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	**6980**	-	**3300**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	**8370**	-	**1450**	-	-	-	-	-	-	-	-	< 0.03	0.94	< 0.01	< 0.01	< 0.01	0.93	< 0.03	< 0.0002	0.01	< 0.04	< 0.01	0.29
	02/25/98	**7300**	-	**3480**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	**6800**	-	**3330**	-	-	-	-	-	-	-	-	**0.2**	0.960	< 0.005	< 0.01	< 0.01	0.05	< 0.05	< 0.0002	0.014	< 0.1	< 0.01	< 0.02
	02/11/99	**7860**	-	**3200**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	**6850**	-	**2900**	-	-	-	-	-	-	-	-	**0.15**	0.946	< 0.002	< 0.005	< 0.002	0.033	< 0.025	< 0.0002	0.010	< 0.02	< 0.003	< 0.01
	10/18/00	**6580**	-	**2720**	-	-	-	-	-	-	-	-	**0.137**	0.907	-	-	-	-	-	-	0.0320	-	-	-
	08/09/01	**5750**	-	**2660**	-	-	-	-	-	-	-	-	0.0929	**1.21**	-	-	-	-	-	-	0.0162	-	-	-
	08/06/02	**5300**	-	**2300**	-	-	-	-	-	-	-	-	**0.12**	0.9	-	-	-	-	-	-	0.033	-	-	-
	01/15/03	**6400**	-	**2400**	-	-	-	-	-	-	-	-	0.078	**1.0**	-	-	-	-	-	-	0.027	-	-	-
MW-6	12/07/94	**4700**	-	-	150	-	<0.05[a]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	**5400**	1070	**2670**	78.3	2.5	0.59	0.04	11.1	4.6	14.4	1320	**0.33**	0.36	< 0.01	< 0.01	< 0.01	0.25	< 0.03	< 0.0002	0.04	< 0.04	< 0.01	< 0.03
	12/12/95	**4770**	-	**2500**	92	2.0	**44.2**	0.03	68.8	11.8	17	1560	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	**4830**	-	**2500**	85.9	< 0.50	< 0.05	< 0.01	26.6	10.5	18.1	1500	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	**4050**	-	**2200**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	**5040**	-	**2220**	-	-	-	-	-	-	-	-	**0.39**	0.57	< 0.01	< 0.01	< 0.01	0.98	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	< 0.03
	02/25/98	**5280**	-	**2540**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	**4200**	-	**2450**	-	-	-	-	-	-	-	-	**0.4**	0.548	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.0002	0.007	< 0.1	< 0.01	< 0.02
	02/10/99	**5050**	-	**2500**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	**5120**	-	**2500**	-	-	-	-	-	-	-	-	**0.365**	0.496	< 0.002	< 0.005	< 0.002	0.016	< 0.025	< 0.0002	< 0.005	< 0.02	< 0.003	< 0.01

Table 3. Summary of Ground Water Analyses - Inorganics
TW Bell Lake Gas Plant

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)										
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
	10/18/00	4540	-	2240	-	-	-	-	-	-	-	-	0.258	0.603	-	-	-	-	-	-	0.0600	-	-	-
	08/09/01	4210	-	2100	-	-	-	-	-	-	-	-	0.262	0.555	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	3900	-	1800	-	-	-	-	-	-	-	-	0.26	0.51	-	-	-	-	-	-	0.0047	-	-	-
	01/15/03	4200	-	1700	-	-	-	-	-	-	-	-	0.38	0.40	-	-	-	-	-	-	0.0041	-	-	-
MW-7	12/13/95	4040	-	2150	88	2.0	17.5	0.023	419	155	31.2	954	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	4490	-	2500	60.9	< 0.50	< 0.05	< 0.01	499	193	29.3	745	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	4350	-	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/97	6260	-	2200	-	-	-	-	-	-	-	-	< 0.03	1.5	< 0.01	< 0.01	0.04	3.1	< 0.03	< 0.0002	6.7	0.19	< 0.01	0.15
	02/24/98	4470	-	1810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	3400	-	1950	-	-	-	-	-	-	-	-	< 0.01	0.968	< 0.005	< 0.01	< 0.01	0.11	< 0.05	< 0.0002	4.86	< 0.1	< 0.01	< 0.02
	08/10/99	3900	-	1800	-	-	-	-	-	-	-	-	< 0.02	0.854	< 0.002	< 0.005	0.0051	< 0.01	< 0.025	< 0.0002	4.10	< 0.02	< 0.003	0.021
	10/18/00	3930	-	1730	-	-	-	-	-	-	-	-	0.0171	1.06	-	-	-	-	-	-	4.54	-	-	-
	08/08/01	4130	-	1450	-	-	-	-	-	-	-	-	< 0.05	0.828	-	-	-	-	-	-	3.87	-	-	-
	08/06/02	3300	-	1100	-	-	-	-	-	-	-	-	< 0.010	0.87	-	-	-	-	-	-	4.0	-	-	-
	01/16/03	3300	-	1200	-	-	-	-	-	-	-	-	< 0.010	0.77	-	-	-	-	-	-	4.2	-	-	-
MW-8	12/12/95	2840	-	1140	71	2.0	24.5	0.07	66.3	13	15.8	979	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	2530	-	790	10.2	< 0.50	< 0.05	< 0.01	50.4	13.2	14.5	873	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	3050	-	825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	4910	-	1420	-	-	-	-	-	-	-	-	0.29	0.63	< 0.01	< 0.01	0.02	4.2	< 0.03	< 0.0002	0.10	< 0.04	< 0.01	0.90
	02/26/98	2730	-	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
dup (MW-13)	02/26/98	2950	-	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	2600	-	960	-	-	-	-	-	-	-	-	0.3	0.481	< 0.005	< 0.01	< 0.01	0.29	< 0.05	< 0.0002	0.019	< 0.1	< 0.01	< 0.02
	02/11/99	3670	-	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/99	3580	-	930	-	-	-	-	-	-	-	-	0.352	0.430	< 0.002	< 0.005	< 0.002	0.268	< 0.025	< 0.0002	0.0062	< 0.02	< 0.003	< 0.01
dup (MW-13)	08/11/99	3530	-	980	-	-	-	-	-	-	-	-	0.365	0.467	< 0.002	< 0.005	< 0.002	0.293	< 0.025	< 0.0002	0.0060	< 0.02	< 0.003	< 0.01
	10/19/00	3540	-	865	-	-	-	-	-	-	-	-	0.277	0.520	-	-	-	-	-	-	0.0320	-	-	-
	08/09/01	4010	-	969	-	-	-	-	-	-	-	-	0.321	0.339	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	3700	-	670	-	-	-	-	-	-	-	-	0.31	0.58	-	-	-	-	-	-	0.0077	-	-	-
dup (MW-24)	08/06/02	4200	-	830	-	-	-	-	-	-	-	-	0.29	0.55	-	-	-	-	-	-	0.0052	-	-	-
	01/16/03	3700	-	1000	-	-	-	-	-	-	-	-	0.33	0.58	-	-	-	-	-	-	0.0070	-	-	-
MW-9	12/12/95	11700	-	4500	7	3.0	38.3	< 0.01	388	168	32	3030	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	11000	-	4200	< 5.0	< 0.50	< 0.05	0.02	201	118	28.9	3740	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	10800	-	4750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. Summary of Ground Water Analyses - Inorganics
TW Bell Lake Gas Plant

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)										
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
	08/09/97	11400	-	4450	-	-	-	-	-	-	-	-	< 0.03	14.7	< 0.01	< 0.01	< 0.01	4.8	< 0.03	< 0.0002	0.18	0.20	< 0.01	0.20
	02/25/98	10900	-	5730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	10900	-	4960	-	-	-	-	-	-	-	-	0.03	10.3	< 0.005	< 0.01	< 0.01	0.30	< 0.05	< 0.0002	0.107	< 0.1	< 0.01	< 0.02
dup (MW-13)	02/11/99	10500	-	3400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/11/99	10700	-	4600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/99	10400	-	4600	-	-	-	-	-	-	-	-	0.200	7.82	< 0.002	< 0.005	< 0.002	0.075	< 0.025	< 0.0002	0.0579	< 0.02	< 0.003	< 0.01
	10/19/00	9750	-	4100	-	-	-	-	-	-	-	-	0.275	9.11	-	-	-	-	-	-	0.4400	-	-	-
dup (MW-14)	10/19/00	9800	-	4530	-	-	-	-	-	-	-	-	0.239	9.11	-	-	-	-	-	-	0.0550	-	-	-
	08/09/01	10200	-	4850	-	-	-	-	-	-	-	-	0.232	8.48	-	-	-	-	-	-	0.0131	-	-	-
	08/06/02	9800	-	4500	-	-	-	-	-	-	-	-	0.38	8.5	-	-	-	-	-	-	0.011	-	-	-
	01/16/03	9100	-	4000	-	-	-	-	-	-	-	-	0.30	10	-	-	-	-	-	-	0.011	-	-	-
MW-10	01/09/98	5930	-	3600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/25/98	9150	-	3860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	6200	-	3690	-	-	-	-	-	-	-	-	< 0.1	19.3	< 0.005	< 0.01	< 0.01	30.3	< 0.05	< 0.0002	11.3	< 0.1	< 0.01	< 0.02
	02/11/99	5710	-	2900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/99	5220	-	3000	-	-	-	-	-	-	-	-	0.040	11.3	< 0.002	< 0.005	< 0.002	0.012	< 0.025	< 0.0002	4.37	< 0.02	< 0.003	< 0.01
	10/19/00	6240	-	3480	-	-	-	-	-	-	-	-	0.0874	12.9	-	-	-	-	-	-	3.85	-	-	-
	08/09/01	9390	-	3620	-	-	-	-	-	-	-	-	0.0583	10.5	-	-	-	-	-	-	2.45	-	-	-
dup (MW-14)	08/09/01	9710	-	3770	-	-	-	-	-	-	-	-	0.0614	10.9	-	-	-	-	-	-	2.52	-	-	-
	08/06/02	6900	-	2400	-	-	-	-	-	-	-	-	0.061	16	-	-	-	-	-	-	1.9	-	-	-
	01/16/03	6400	-	3800	-	-	-	-	-	-	-	-	0.19	18	-	-	-	-	-	-	2.1	-	-	-
MW-11	01/10/98	6760	-	3500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/25/98	10800	-	4650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	9400	-	5140	-	-	-	-	-	-	-	-	0.5	10.0	< 0.005	< 0.01	< 0.01	21.1	< 0.05	< 0.0002	3.54	< 0.1	< 0.01	< 0.02
	02/11/99	9620	-	4600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	9090	-	4900	-	-	-	-	-	-	-	-	0.404	8.25	< 0.002	< 0.005	< 0.002	0.267	< 0.025	< 0.0002	1.47	< 0.02	< 0.003	< 0.01
	10/19/00	8960	-	3060	-	-	-	-	-	-	-	-	0.466	10.6	-	-	-	-	-	-	1.86	-	-	-
	08/09/01	11100	-	4630	-	-	-	-	-	-	-	-	0.326	7.19	-	-	-	-	-	-	1.47	-	-	-
	08/06/02	8300	-	2600	-	-	-	-	-	-	-	-	0.40	6.8	-	-	-	-	-	-	1.4	-	-	-
	01/16/03	7800	-	4100	-	-	-	-	-	-	-	-	0.49	7.9	-	-	-	-	-	-	1.8	-	-	-
dup (MW-24)	01/16/03	7600	-	3400	-	-	-	-	-	-	-	-	0.57	7.5	-	-	-	-	-	-	1.9	-	-	-
MW-12	01/10/98	413	-	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	02/24/98	362	-	77.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. Summary of Ground Water Analyses - Inorganics
TW Bell Lake Gas Plant

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)										
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
	08/04/98	340	-	80	-	-	-	-	-	-	-	-	< 0.1	0.176	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
	02/10/99	390	-	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	400	-	110	-	-	-	-	-	-	-	-	< 0.02	0.194	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.0002	< 0.005	< 0.02	< 0.003	< 0.01
	10/19/00	508	-	156	-	-	-	-	-	-	-	-	0.00628	0.280	-	-	-	-	-	-	**6.54**	-	-	-
	08/09/01	816	-	171	-	-	-	-	-	-	-	-	< 0.05	0.273	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	710	-	230	-	-	-	-	-	-	-	-	0.025	0.33	-	-	-	-	-	-	< 0.0020	-	-	-
	01/15/03	720	-	250	-	-	-	-	-	-	-	-	0.013	0.37	-	-	-	-	-	-	0.0074	-	-	-
																							-	-
MW-13	12/15/99	**2700**	-	**1600**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/19/00	**3320**	-	**1540**	-	-	-	-	-	-	-	-	0.00878	**1.76**	-	-	-	-	-	-	**0.238**	-	-	-
	08/09/01	**5450**	-	**1590**	-	-	-	-	-	-	-	-	< 0.05	**1.41**	-	-	-	-	-	-	0.0693	-	-	-
	08/06/02	**3600**	-	**1000**	-	-	-	-	-	-	-	-	0.075	**1.1**	-	-	-	-	-	-	0.11	-	-	-
	01/15/03	**3100**	-	**1500**	-	-	-	-	-	-	-	-	< 0.010	**1.1**	-	-	-	-	-	-	0.17	-	-	-
MW-14	12/14/02	**1900**	460	140	210	-	150[a]	-	290	96	22	110	-	-	-	-	-	-	-	-	-	-	-	-
	01/05/03	**2100**	-	150	-	-	-	-	-	-	-	-	< 0.010	0.12	-	-	-	-	-	-	0.15	-	-	-
MW-15	12/14/02	**3400**	420	**1600**	87	-	<1.0[a]	-	490	200	37	390	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/03	**3400**	-	**1600**	-	-	-	-	-	-	-	-	< 0.010	0.94	-	-	-	-	-	-	**5.4**	-	-	-
MW-16	12/14/02	**840**	160	120	310	-	2.3[a]	-	72	28	12	170	-	-	-	-	-	-	-	-	< 0.002	-	-	-
	01/15/03	**840**	-	120	-	-	-	-	-	-	-	-	< 0.010	0.078	-	-	-	-	-	-	< 0.002	-	-	-
Water Well	05/31/95	900	144	100	356	0.50	< 0.10	< 0.01	38.7	23.2	5.3	194	< 0.03	0.02	< 0.01	< 0.01	< 0.01	0.39	< 0.03	< 0.0002	0.01	< 0.04	< 0.01	< 0.03
	12/14/95	825	-	106	345	< 1.0	1.7	< 0.01	38	22.2	5.32	186	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	402	-	107	343	< 0.50	< 0.05	< 0.01	44.9	26.1	5.82	221	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	854	-	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	840	-	**500**	-	-	-	-	-	-	-	-	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.66	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	0.19
	02/26/98	850	-	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	850	-	113	-	-	-	-	-	-	-	-	< 0.1	0.020	< 0.005	< 0.01	< 0.01	0.05	< 0.05	< 0.0002	0.015	< 0.1	< 0.01	< 0.02
	02/11/99	850	-	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/11/99	830	-	110	-	-	-	-	-	-	-	-	< 0.02	0.0238	< 0.002	< 0.005	< 0.002	0.018	< 0.025	< 0.0002	0.014	< 0.02	< 0.003	< 0.01
	08/09/01	966	-	113	-	-	-	-	-	-	-	-	< 0.05	0.019	-	-	-	-	-	-	0.0146	-	-	-
	08/06/02	790	-	99	-	-	-	-	-	-	-	-	< 0.010	0.027	-	-	-	-	-	-	0.019	-	-	-
	01/16/03	780	-	100	-	-	-	-	-	-	-	-	< 0.010	0.028	-	-	-	-	-	-	0.021	-	-	-

Table 3. Summary of Ground Water Analyses - Inorganics
TW Bell Lake Gas Plant

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)										
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
SVE-2	12/13/95	**2670**	-	**1500**	43	3.0	**31.9**	0.03	317	25.2	26.8	1720	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	**2410**	-	**495**	33.5	< 0.50	< 0.05	0.01	66.5	56.6	25	1390	-	-	-	-	-	-	-	-	-	-	-	-
	10/17/00	**2390**	-	**532**	-	-	-	-	-	-	-	-	0.0835	0.118	-	-	-	-	-	-	**0.258**	-	-	-
	08/08/01	**2610**	-	**597**	-	-	-	-	-	-	-	-	0.0709	0.0705	-	-	-	-	-	-	0.167	-	-	-
	08/06/02	**2700**	-	**610**	-	-	-	-	-	-	-	-	**0.13**	0.088	-	-	-	-	-	-	0.12	-	-	-
	01/15/03	**2400**	-	**390**	-	-	-	-	-	-	-	-	**0.15**	0.090	-	-	-	-	-	-	**0.25**	-	-	-
SVE-5	10/18/00	**12000**	-	**4010**	-	-	-	-	-	-	-	-	**0.515**	**1.00**	-	-	-	-	-	-	0.144	-	-	-
	08/08/01	**17700**	-	**6010**	-	-	-	-	-	-	-	-	**0.593**	**1.38**	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	**13000**	-	**4100**	-	-	-	-	-	-	-	-	**0.45**	**1.4**	-	-	-	-	-	-	0.046	-	-	-
	01/14/03	**17000**	-	**8600**	-	-	-	-	-	-	-	-	**0.56**	**1.1**	-	-	-	-	-	-	< 0.002	-	-	-
SVE-6	10/18/00	**8170**	-	**2080**	-	-	-	-	-	-	-	-	0.0483	**90.5**	-	-	-	-	-	-	**45.6**	-	-	-
	08/08/01	**9250**	-	**1800**	-	-	-	-	-	-	-	-	**0.359**	0.287	-	-	-	-	-	-	0.0165	-	-	-
	08/06/02	**8200**	-	**960**	-	-	-	-	-	-	-	-	**0.21**	0.20	-	-	-	-	-	-	0.021	-	-	-
	01/15/03	**10000**	-	**1900**	-	-	-	-	-	-	-	-	**0.42**	0.21	-	-	-	-	-	-	0.0066	-	-	-
SVE-7	10/17/00	**3360**	-	**1450**	-	-	-	-	-	-	-	-	0.0734	**1.83**	-	-	-	-	-	-	**0.730**	-	-	-
	08/08/01	**4340**	-	**2060**	-	-	-	-	-	-	-	-	0.0777	0.626	-	-	-	-	-	-	0.0590	-	-	-
	08/05/02	**4900**	-	**2100**	-	-	-	-	-	-	-	-	0.083	0.69	-	-	-	-	-	-	0.063	-	-	-
	01/15/03	**3500**	-	**1300**	-	-	-	-	-	-	-	-	0.082	0.38	-	-	-	-	-	-	0.13	-	-	-
SVE-11	10/18/00	**10600**	-	**2660**	-	-	-	-	-	-	-	-	**0.700**	0.425	-	-	-	-	-	-	0.0150	-	-	-
	08/08/01	**10500**	-	**2790**	-	-	-	-	-	-	-	-	**0.51**	0.393	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	**12000**	-	**2200**	-	-	-	-	-	-	-	-	**0.76**	0.33	-	-	-	-	-	-	< 0.0020	-	-	-
	01/15/03	**4800**	-	**1000**	-	-	-	-	-	-	-	-	**0.28**	0.22	-	-	-	-	-	-	0.0027	-	-	-

Notes:
(a) Nitrate + Nitrite

Table 4. Summary of SVE Emissions at Individual Extraction Points
TW Bell Lake Gas Plant

SVE Well	Date	PID Reading	Gasoline Range VOCs		< C5	C5-C6	C6-C7	C7-C8	C8-C9	C9-C10	C10-C11	C11-C12	C12-C14	C14+
		(ppmv)	(ug/L)	(ppmv) [a]	(%)									
SVE-1	08/13/96	>2000	15,000	3,726	0.0	18.2	43.1	22.7	13.7	2.1	0.2	0.0	0.0	0.0
	02/08/97	>2000	650	161	0.0	8.3	29.1	56.6	5.5	0.4	0.1	0.0	0.0	0.0
	08/10/97	na	6,000	1,490	0.0	0.4	3.1	21.2	31.9	34.2	7.5	1.5	0.1	0.1
	01/09/98	na	6,400	1,590	0.0	0.9	5.2	17.6	32.7	28.9	12.4	2.1	0.2	0.0
	08/12/98	na	5,200	1,292	0.0	0.4	3.6	18.9	28.7	28.0	15.4	3.9	1.1	0.0
SVE-2	08/13/96	>2000	9,000	2,236	0.3	13.9	39.1	25.4	17.2	3.9	0.2	0.0	0.0	0.0
	02/08/97	>2000	630	156	0.0	1.9	25.4	61.7	9.1	1.3	0.0	0.1	0.3	0.2
	01/09/98	na	3,900	969	0.0	0.0	3.8	19.6	33.5	27.9	12.3	2.5	0.3	0.1
SVE-3	08/13/96	>2000	4,700	1,167	0.6	19.3	29.2	22.9	19.6	7.4	0.7	0.1	0.2	0.0
	02/08/97	>2000	800	199	0.0	2.0	27.8	61.3	8.1	0.8	0.0	0.0	0.0	0.0
	08/10/97	na	3,300	820	0.0	0.2	2.4	34.2	29.6	21.0	8.8	3.3	0.5	0.0
	01/09/98	na	1,400	348	0.0	0.0	1.4	17.6	28.6	24.8	18.6	7.3	1.7	0.0
	08/12/98	na	1,900	472	0.0	0.0	1.2	21.1	29.9	25.7	13.9	6.3	1.8	0.1
SVE-4	01/09/98	na	5,300	1,317	0.0	1.3	10.4	31.3	25.2	19.2	9.4	2.7	0.5	0.0
	08/12/98	na	1,800	447	0.0	0.9	8.0	28.7	21.7	20.4	9.4	4.3	5.0	1.6
SVE-7	01/09/98	na	4,100	1,018	0.0	0.1	2.6	25.9	38.2	23.2	7.1	2.2	0.7	0.0
MW-4	01/09/98	na	1,200	298	0.0	0.5	5.6	20.2	24.5	23.5	16.6	6.6	2.3	0.2
	08/12/98	na	820	204	0.0	0.4	4.7	24.3	24.7	23.8	14.1	5.1	2.6	0.3
SVE-Total	08/10/97	na	2,800	696	0.0	0.2	3.1	21.8	31.0	30.4	9.4	3.4	0.7	0.0
	01/09/98	na	4,000	994	0.0	0.2	4.1	19.7	32.7	26.8	12.6	3.2	0.7	0.0
	08/04/98	na	2,400	596	0.0	0.4	4.0	23.4	28.9	24.8	13.6	4.0	0.9	0.0
	08/12/98	na	2,300	571	0.0	0.3	3.1	22.1	28.9	24.8	16.1	3.5	1.2	0.0
(dup)	08/12/98	na	2,500	621	0.0	0.4	3.6	21.8	26.9	23.1	15.0	6.4	2.5	0.3
	04/14/99	na	3,000	745	0.0	0.4	3.4	16.4	27.2	31.3	13.7	6.1	1.5	0.0
	12/07/99	na	1,200	298	0.1	1.2	5.2	24.4	35.2	21.9	9.1	2.2	0.5	0.2
(dup)	12/07/99	na	1,200	298	0.1	1.2	3.9	24.8	35.8	22.2	9.0	2.2	0.5	0.3
	05/22/00(b)	na	1,300	323	0.0	0.9	2.8	21.9	33.9	23.1	11.1	3.0	1.9	1.4
(dup)	05/22/00(b)	na	1,100	273	0.0	0.9	2.7	21.6	33.7	23.5	11.8	3.5	1.3	1.0
	07/31/02(b)	na	776	193	0.0	0.4	1.1	10.4	22.6	35.3	18.8	9.4	1.9	0.1
(dup)	07/31/02(b)	na	789	196	0.0	0.4	1.4	10.1	22.7	35.2	18.5	9.7	1.9	0.1

All air samples analyzed by Hall Laboratory of Albuquerque, NM
PID = Photoionization detector

[a] Conversion Factor:
P = 0.88 atm, MW = 110 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 * 0.2484

(b) 05/22/00 Total Flow analysis included wells SVE-8, 9, 10, 12 & 13

Table 5. Summary of Completion Details for Soil Borings Completed as Wells
TW Bell Lake Gas Plant

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)	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	Layne/B&C	11/29/93	3635.37 (b)	124.48	237.59	97.0	95.61	Flush Mount	4	82-97	80
MW-2	Layne/B&C	11/29/93	3634.68 (d)	237.17	156.05	100.0	96.41	Flush Mount	4	85-100	83
MW-3	Layne/B&C	11/29/93	3639.64 (b)	16.90	-236.04	106.0	103.62	Flush Mount	4	89-104	87
MW-4	GPI/B&C	12/03/94	3637.04 (c)	-24.28	210.35	100.0	93.11	Flush Mount	2	85-100	81
MW-5	GPI/B&C	12/04/94	3635.31 (b)	-7.71	355.11	99.0	97.05	Flush Mount	2	84-99	82
MW-6	GPI/B&C	12/05/94	3634.66 (b)	60.78	392.61	100.0	94.68	Flush Mount	2	83-98	81
MW-7	Harrison/CES	12/07/95	3636.00 (d)	-230.36	226.39	100.6	98.11	Flush Mount	2	85-100	82.8
MW-8	Harrison/CES	12/06/95	3635.30 (c)	-239.38	385.84	100.0	97.62	Flush Mount	2	85-100	82.1
MW-9	Harrison/CES	12/06/95	3633.58 (b)	-136.98	523.60	100.0	99.23	Flush Mount	2	85-100	82.6
MW-10	GPI/CES	01/06/98	3633.24 (d)	-203.69	706.63	100.0	100.15	Flush Mount	2	80-100	78
MW-11	GPI/CES	01/07/98	3631.56 (d)	-364.21	708.32	100.0	99.51	Flush Mount	2	80-100	78
MW-12	GPI/CES	01/08/98	3630.61 (d)	-387.71	1005.14	100.0	99.20	Flush Mount	2	80-100	78
MW-13	GPI/CES	12/15/99	3626.97 (d)	-748.40	1206.56	90.5	89.90	Flush Mount	2	75.5-90.5	72
MW-14	GPI/CES	12/10/02	3631.43 (e)	-534.56	437.41	94.0	93.47	Flush Mount	2	74-94	69
MW-15	GPI/CES	12/11/02	3629.00 (e)	-611.10	968.12	94.0	92.95	Flush Mount	2	74-94	69
MW-16	GPI/CES	12/13/02	3625.87 (e)	-905.79	1058.50	90.0	88.02	Flush Mount	2	70-90	65
SVE-1	Harrison/CES	12/07/95	3638.22 (d)	100.09	129.28	100.0	93.65	Flush Mount	2	40-100	37.8
SVE-2	Harrison/CES	12/08/95	3637.53 (d)	140.14	125.71	100.0	100.54	Flush Mount	2	40-100	37.1
SVE-3	Harrison/CES	12/09/95	3637.62 (d)	221.18	88.69	100.0	101.00	Flush Mount	2	40-100	37.1
SVE-4	GPI/CES	11/08/97	3636.48 (d)	37.71	171.36	100.5	99.56	Flush Mount	4	85.5-100.5	83.5
SVE-5	GPI/CES	11/09/97	3635.66 (d)	42.74	212.29	100.0	96.45	Flush Mount	4	85-100	83
SVE-6	GPI/CES	11/11/97	3636.38 (d)	4.70	146.28	100.0	95.55	Flush Mount	4	85-100	83
SVE-7	GPI/CES	11/12/97	3636.01 (d)	193.49	101.15	98.0	94.45	Flush Mount	4	83-98	81
SVE-8	GPI/CES	05/24/99	3637.72 (d)	91.29	134.89	100.0	101.25	Flush Mount	4	84.5-99.5	81.5
SVE-9	GPI/CES	05/24/99	3637.51 (d)	64.49	153.29	100.0	100.55	Flush Mount	4	84-99	80.5
SVE-10	GPI/CES	05/27/99	3637.36 (d)	2.37	192.62	100.0	100.88	Flush Mount	4	84.5-99.5	81.5
SVE-11	GPI/CES	05/21/99	3637.31 (d)	-49.43	238.78	100.0	100.81	Flush Mount	4	84.5-99.5	81.5
SVE-12	GPI/CES	05/23/99	3637.41 (d)	37.32	176.02	100.0	100.42	Flush Mount	4	84-99	81
SVE-13	GPI/CES	12/15/99	3637.33 (d)	21.87	214.30	99.0	99.18	Flush Mount	4	84-99	81

Notes:

(a) Driller/Consultant

(b) TOC elevation based on survey by John West Surveying Co. on 12/28/95

(c) TOC elevation based on survey by CES (GCR) on 01/09/98

(d) TOC elevation based on survey by John West Surveying Co. on 12/27/99 w/adjustments: MW-2 = +0.06, MW-7 & SVE-1-13 = +0.08, MW-10-13 = +0.02

(e) TOC elevation based on survey by John West Surveying Co. on 01/09/03

Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
TW Bell LakeGas Plant

	Analytical Requirements			
Well ID	1st Semiannual Event	2nd Semiannual Event	Benzene (ppb) Latest Result	Comments
MW-1	BTEX, TDS, Cl, As, Ba & Mn	BTEX	9	
MW-2	BTEX, TDS, Cl, As, Ba & Mn	BTEX	6	
MW-3	----	----	< 5	Well has been abandoned
MW-4	BTEX, TDS, Cl, As, Ba & Mn	none	240	PSH in well
MW-5	BTEX, TDS, Cl, As, Ba & Mn	BTEX	110	
MW-6	BTEX, TDS, Cl, As, Ba & Mn	BTEX	33	
MW-7	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< 1	
MW-8	BTEX, TDS, Cl, As, Ba & Mn	BTEX	140	
MW-9	BTEX, TDS, Cl, As, Ba & Mn	BTEX	260	
MW-10	BTEX, TDS, Cl, As, Ba & Mn	BTEX	20	
MW-11	BTEX, TDS, Cl, As, Ba & Mn	BTEX	360	
MW-12	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< 1	
MW-13	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< .5	
MW-14	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< .5	
MW-15	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< .5	
MW-16	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< .5	
Water Well	BTEX, TDS, Cl, As, Ba & Mn	BTEX	< .5	
SVE-2	BTEX, TDS, Cl, As, Ba & Mn	BTEX	1	
SVE-5	BTEX, TDS, Cl, As, Ba & Mn	BTEX	570	
SVE-6	BTEX, TDS, Cl, As, Ba & Mn	BTEX	180	
SVE-7	BTEX, TDS, Cl, As, Ba & Mn	BTEX	4	
SVE-11	BTEX, TDS, Cl, As, Ba & Mn	BTEX	170	

Notes:
1) na - not available
2) BTEX - BTEX Compounds by EPA Method 8021B
3) "Comments" are provided for wells that will not be sampled during one or more events

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL

Name: TRANSWESTERN PIPELINE Work Phone: _____
Contact: _____ Home Phone: _____
Address: 6381 N. MAIN STREET
City: ROSWELL, NM 88201 State: NM Zip: 88201

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)

A. ___ 1/4 SE 1/4 NE 1/4 Section: 1 Township: 24S Range: 33E N.M.P.M.
in LEA County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System
_____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: _____d _____m _____s Longitude: _____d _____m _____s

D. East _____ (m), North _____ (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the
_____ Subdivision recorded in _____ County.

G. Other: BELL LAKE GAS PLANT, ~20 MILES WEST OF JAL

H. Give State Engineer File Number if existing well: _____

I. On land owned by (required): TRANSWESTERN PIPELINE

3. DRILLING CONTRACTOR

License Number: WD-1311
Name: AMADOR HINOJOSA JR Work Phone: 512-288-3777
Agent: GEOPROJECTS INTL., INC. Home Phone: _____
Mailing Address: 8834 CIRCLE DRIVE
City: AUSTIN, State: TX Zip: 78736

4. DRILLING RECORD

Drilling began: 12-10-02 ; Completed: 12-10-02 ; Type tools: HSA & AIR ;
Size of hole: 8 in.; Total depth of well: 94 ft.;
Completed well is: SHALLOW (shallow, artesian);
Depth to water upon completion of well: 86.6 ft.

File Number: _____ Trn Number: _____
Form: wr-20 page 1 of 4
MW-14

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in feet	Description of water-bearing formation	Estimated Yield (GPM)
40	94	54	RED SAND	N/A

6. RECORD OF CASING

Diameter (inches)	Pounds per ft.	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2	SCH40PVC	2	0	94	94	SCH40PVC	74	94

7. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of mud	Cubic Feet of Cement	Method of Placement
0	66	8-INCHES	15	10.6	TREMIE-PORTLAND/BENTONITE
66	69	8-INCHES	2	1	SURFACE DROP BENTONITE
69	94	8-INCHES	15	7.5	16/30 FILTER SAND
					NOTE: HSA USED AS TREMIE

8. PLUGGING RECORD

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

Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			
5			

File Number: _____ Trn Number: _____
Form: wr-20

MW-14

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

Depth in Feet From	To	Thickness in feet	Color and Type of Material Encountered
0	40	40	SAND, TAN TO RED
40	94	54	SAND, MEDIUM GRAINED, RED

File Number: _____ Trn Number: _____
Form: wr-20

MW-14

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:

MONITOR WELL NUMBER MW-14

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

Driller 3/19/03 (mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _____; Location No. _____

File Number: _____ Trn Number: _____

Form: wr-20

MW-14

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL

Name: TRANSWESTERN PIPELINE Work Phone: _____
Contact: _____ Home Phone: _____
Address: 6381 N. MAIN STREET
City: ROSWELL, NM 88201 State: NM Zip: 88201

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)

A. ___ 1/4 SE 1/4 NE 1/4 Section: 1 Township: 24S Range: 33E N.M.P.M.
in LEA County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____

C. Latitude: _____d _____m _____s Longitude: _____d _____m _____s

D. East _____ (m), North _____ (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: BELL LAKE GAS PLANT, ~20 MILES WEST OF JAL

H. Give State Enginaer File Number if existing well: _____

I. On land owned by (required): TRANSWESTERN PIPELINE

3. DRILLING CONTRACTOR

License Number: WD-1311
Name: AMADOR HINOJOSA JR Work Phone: 512.288.3777
Agent: GEOPROTECTS INTL. INC. Home Phone: _____
Mailing Address: 8834 CIRCLE DRIVE
City: AUSTIN, State: TX Zip: 78736

4. DRILLING RECORD

Drilling began: 12.11.02 ; Completed: 12.11.02 ; Type tools: HSA & AIR ;
Size of hole: 8 in.; Total depth of well: 94 ft.;
Completed well is: SHALLOW (shallow, artesian);
Depth to water upon completion of well: 84 ft.

File Number: _____ Trn Number: _____
Form: wr-20 page 1 of 4
MW-15

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	To	Thickness in feet	Description of water-bearing formation	Estimated Yield (GPM)
34	95	60	RED SAND	N/A

6. RECORD OF CASING

Diameter (inches)	Pounds per ft.	Threads per in.	Depth in Feet Top	Bottom	Length (feet)	Type of Shoe	Perforations From	To
2	SCH40PVC	2	0	94	94	SCH40PVC	74	94

7. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	To	Hole Diameter	Sacks of mud	Cubic Feet of Cement	Method of Placement
0	66	8-INCHES	15	10.5	TREMIE-PORTLAND/BENTONITE
66	69	8-INCHES	2	1	BENTONITE
69	74	8-INCAES	15	7.5	16/30 FILTER SAND
					NOTE: HSA USED AS TREMIE

8. PLUGGING RECORD

Plugging Contractor: _____

Address: _____

Plugging Method: _____

Date Well Plugged: _____

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet Top	Bottom	Cubic Feet of Cement
1			
2			
3			
4			
5			

File Number: _____ Trn Number: _____

Form: wr-20

MW-15

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

Depth in Feet From	To	Thickness in feet	Color and Type of Material Encountered
0	31	31	SAND, TAN TO RED
31	34	3	HARD CALCIFIED SANDSTONE
34	95	61	SAND, MEDIUM GRAINED, RED

File Number: _____ Trn Number: _____

Form: wr-20

MW-15

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:
MONITOR WELL # MW-15

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

Driller _____ 3/19/03 (mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad _____; FWL _____; FSL _____; Use _____; Location No. _____

File Number: _____ Trn Number: _____
Form: wr-20

MW-15

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

1. OWNER OF WELL

Name: TRANSWESTERN PIPELINE Work Phone: _____
Contact: _____ Home Phone: _____
Address: 6381 N. MAIN STREET
City: ROSWELL, NM 88201 State: __ Zip: _____

2. LOCATION OF WELL (A, B, C, or D required, E or F if known)

A. ___ 1/4 SE 1/4 NE 1/4 Section: 1 Township: 24S Range: 33E N.M.P.M.
in LEA County.

B. X = _____ feet, Y = _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.
U.S.G.S. Quad Map _____.

C. Latitude: _____d _____m _____s Longitude: _____d _____m _____s

D. East _____ (m), North _____ (m., UTM Zone 13, NAD __ (27 or 83)

E. Tract No. _____, Map No. _____ of the _____ Hydrographic Survey

F. Lot No. _____, Block No. _____ of Unit/Tract _____ of the _____ Subdivision recorded in _____ County.

G. Other: BELL LAKE GAS PLANT, ~20 MILES WEST OF JAL

H. Give State Engineer File Number if existing well: _____

I. On land owned by (required): TRANSWESTERN PIPELINE

3. DRILLING CONTRACTOR

License Number: WD-1311
Name: AMADOR HINOJOSA JR Work Phone: 512-288-3777
Agent: GEOPROJECTS INTL, INC. Home Phone: _____
Mailing Address: 8834 CIRCLE DRIVE
City: AUSTIN, State: TX Zip: 78736

4. DRILLING RECORD

Drilling began: 12-12-02 ; Completed: 12-13-02 ; Type tools: HSA & AIR ;
Size of hole: 8 in.; Total depth of well: 90 ft.;
Completed well is: SHALLOW (shallow, artesian);
Depth to water upon completion of well: 84 ft.

File Number: _____ Trn Number: _____
Form: wr-20 page 1 of 4
MW-16

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

5. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	To	Thickness in feet	Description of water-bearing formation	Estimated Yield (GPM)
40	90	50	RED SAND	N/A

6. RECORD OF CASING

Diameter (inches)	Pounds per ft.	Threads per in.	Depth in Feet Top	Bottom	Length (feet)	Type of Shoe	Perforations From	To
2	SCH40PVC	2	0	90	90	SCH40PVC	70	90

7. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	To	Hole Diameter	Sacks of mud	Cubic Feet of Cement	Method of Placement
0	62	8 INCHES	15	10.5	TREMIE - PORTLAND / BENTONITE
62	65	8 INCHES	2	1	BENTONITE
65	90	8 INCHES	15	7.5	16/20 FILTER SAND
					NOTE: HSA USED AS TREMIE

8. PLUGGING RECORD

Plugging Contractor: _____

Address: _____

Plugging Method: _____

Date Well Plugged: _____

Plugging approved by: _____

State Engineer Representative

No.	Depth in Feet Top	Bottom	Cubic Feet of Cement
1			
2			
3			
4			
5			

File Number: _____ Trn Number: _____

Form: wr-20

MW-16

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

9. LOG OF HOLE

Depth in Feet From	To	Thickness in feet	Color and Type of Material Encountered
0	7	7	TAN SAND
7	40	33	TAN SAND, SLIGHTLY CEMENTED
40	90	50	SAND, MEDIUM GRAINED, RED

File Number: _____ Trn Number: _____

Form: wr-20 page 3 of 4

MW-16

File Number: _____

NEW MEXICO OFFICE OF THE STATE ENGINEER
WELL RECORD

10. ADDITIONAL STATEMENTS OR EXPLANATIONS:
MONITOR WELL # MW-16

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

Driller 3/19/03 (mm/dd/year)

FOR STATE ENGINEER USE ONLY

Quad ____; FWL ____; FSL ____; Use _____; Location No. _____

File Number: _____ Trn Number: _____
Form: wr-20

MW-16