2R - 34

REPORTS

DATE:

JAN. 22, 2003

2R-4

Cypress Engineering

10235 West Little York Road, Suite 256
Houston, Texas 77040
(713) 856-7980 office
(713) 856-7981 fax

January 24, 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 Ground Water Remediation Activities
Transwestern Pipeline Company - Atoka-1 Compressor Station
Eddy County, New Mexico

Dear Bill,

The attached report is submitted pursuant to the NMOCD's requirements for reporting of ground water remediation activities at the subject facility.

On August 13, 2002, a petition for termination of remediation and monitoring activities at this facility was submitted for review and approval. Monitoring activities will continue as outlined in this report until the petition for termination has been approved.

If you have any questions or comments regarding this report, please contact me at (713) 345-1537 or Larry Campbell at (505) 625-8022.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment: Larry Campbell — Transwestern Pipeline Company
Bryan Arrant — NMOCD Artesia District Office

Report of Groundwater Remediation Activities

Transwestern Pipeline Company
Atoka-1 Compressor Station
Eddy County, New Mexico

Submitted to:
New Mexico Oil Conservation Division

January 22, 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

Report of Groundwater Remediation Activities

Transwestern Pipeline Company

Atoka-1 Compressor Station

I. Groundwater Monitoring Activities

Groundwater Sampling Events

Two semi-annual sampling events have been completed since the last report of groundwater remediation activities. These events were completed in March 2002 and July 2002.

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. The measured depths and the corresponding water table elevation for each monitor well are presented in Table 1. The measured depths and the corresponding water table elevation for each soil vapor extraction (SVE) well are presented in Table 2.

Groundwater samples were delivered to a laboratory for analysis by EPA Method 8021B for benzene, toluene, ethylbenzene, and xylenes (BTEX). A summary of the laboratory results and field-measured parameters 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.

Results/Conclusions from Groundwater Sampling Events

Occurrence and Direction of Groundwater Flow

A groundwater surface elevation map, based on measurements obtained on July 31, 2002 is included as Figure 2. The elevation of shallow groundwater measured in the monitor wells does not define a consistent groundwater table. This observation is consistent with previous sampling events and is likely because there is very little shallow groundwater present.

The apparent direction of groundwater flow, based on elevations measured in monitor wells MW-3, MW-5, MW-6, and MW-7, is toward to south-southwest. This is consistent with what would be expected based upon ground surface topography.

Lateral Extent of Phase Separated Hydrocarbon

Prior sampling events identified the presence of PSH in wells MW-1, MW-2 and SVE-13; however, PSH has not been detected in these wells in the course of the last five sampling events. Based on the information currently available, the SVE system appears to have been effective in the removal of PSH from above the perched water zone.

Condition of Affected Groundwater

A diagram indicating the relative distribution of BTEX concentrations in groundwater, based on measurements obtained during the July 2002 sampling event, is included as Figure 3. The condition of affected groundwater has improved since the last report of remediation activities. A diagram indicating the trend of benzene concentrations at each monitor well is presented in Figure 4.

II. Planned Changes to the Groundwater Monitoring Program

Frequency of Groundwater Monitoring

Groundwater sampling events will continue on a semi-annual basis until site closure is approved. The next sampling event will occur in February 2003.

Routine Reporting of Monitoring Activities

Routine reporting will continue on an annual basis until site closure is approved. The next annual report will be submitted to the OCD by January 31, 2004.

III. Status of Remediation Activities

Remediation Activities Completed

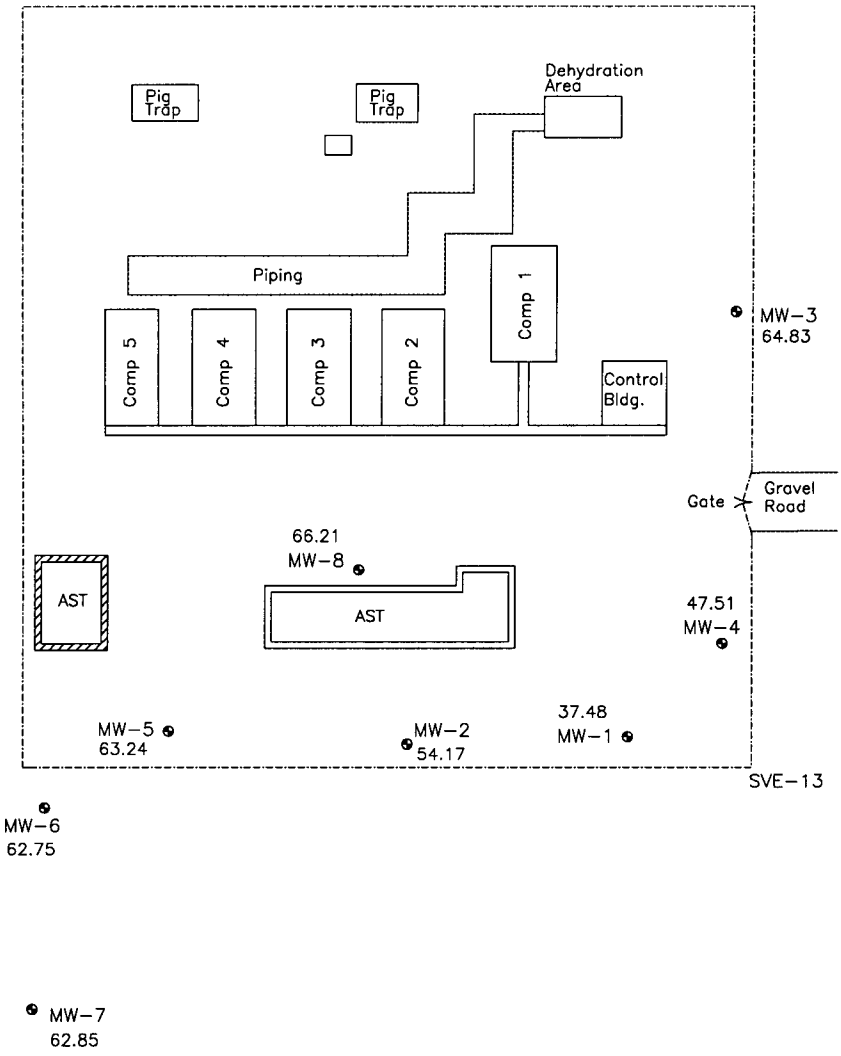
The following remediation activities were completed through December 2002:

1) One SVE vapor sample was collected on August 9, 2002. A summary of the laboratory results is presented in Table 4.
2) Two groundwater-sampling events were completed.
3) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective, therefore, the system is shut-down in late October each year. The SVE system is scheduled to restart in April 2003.
4) A closure petition was submitted to the NMOCD on August 13, 2002.

Remediation Activities Planned

The SVE system is scheduled to operate from April 2003 through October 2003.

F:\...\drawings\atoka\atksite.dwg (01/10/03)



N

0 75 Feet

Explanation

- Containment wall
- Fence
- Monitor well
- 63.28 Ground water elevation
- 39.52* Corrected for PSH

GROUNDWATER ELEVATIONS

July 31, 2002

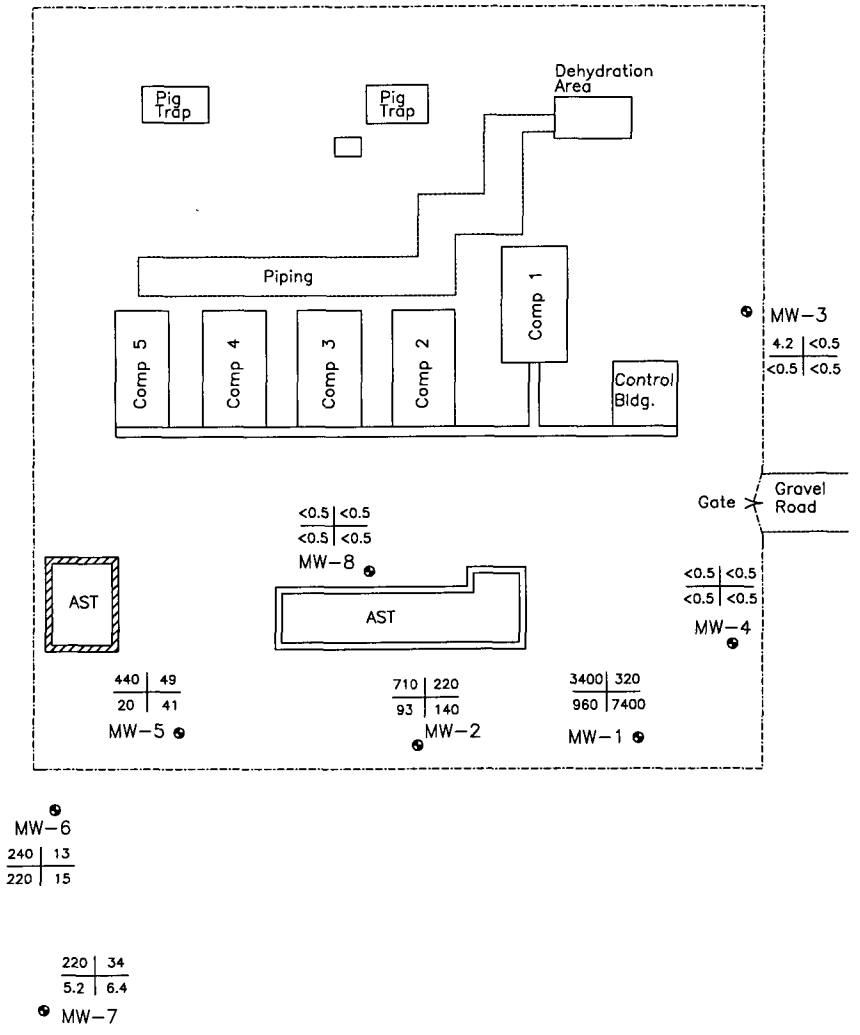
ATOKA-1 COMPRESSOR STATION

TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

FIGURE 2

F:\...\drawings\atoka\atksite.dwg (01/10/03)



BTEX DISTRIBUTION

July 31, 2002

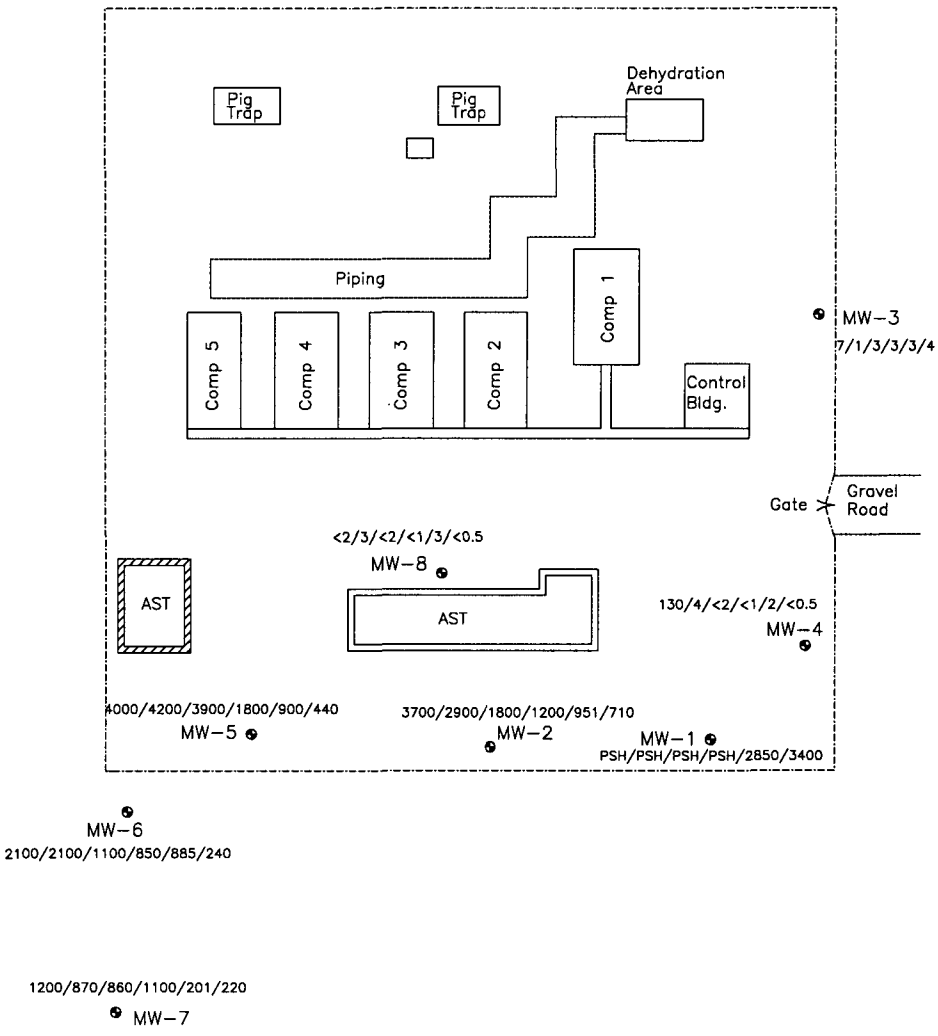
ATOKA-1 COMPRESSOR STATION

TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

FIGURE 3

F:\...\drawings\atoka\atksite.dwg (01/10/03)



N

0 75 Feet

Explanation

- Containment wall
- Fence
- Monitor well
- PSH — Phase Separated Hydrocarbon
- NS — No Sample
- 860 — Benzene concentration, ppb (Aug. '97/Aug. '98/Aug. '99/....)

BENZENE DISTRIBUTION TREND

Aug. '97, Aug. '98, Aug. '99, Aug. '00, Aug. '01, & Jul '02

ATOKA-1 COMPRESSOR STATION

TRANSWESTERN PIPELINE COMPANY

CYPRESS ENGINEERING SERVICES, INC.

FIGURE 4

Table 1. Summary of Ground Water Surface Elevations
TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1	07/21/93	94.65	(b)	(b)	(b)	(b)
	12/02/94		56.12	56.82	0.70	38.36
	10/30/95		(b)	56.83	(b)	(b)
	02/23/96	95.66 (d)	57.52	57.89	0.37	38.05
	05/14/96		57.50	57.83	0.33	38.08
	08/12/96		57.61	57.98	0.37	37.96
	11/11/96		56.11	56.25	0.14	39.52
	02/03/97		56.67	56.82	0.15	38.95
	08/04/97		57.41	57.75	0.34	38.17
	02/23/98		(a)	54.75	(a)	40.91
	08/05/98		57.08	57.30	0.22	38.53
	02/12/99		59.42	59.74	0.32	36.16
	08/12/99		61.71	61.88	0.17	33.91
	02/13/00		57.74	57.81	0.07	37.90
	08/16/00		(a)	58.05	(a)	37.61
	02/06/01		(a)	58.09	(a)	37.57
	08/13/01		(a)	58.23	(a)	37.43
	03/01/02		(a)	58.02	(a)	37.64
	07/31/02		(a)	58.18	(a)	37.48
MW-2	07/21/93	96.45	(a)	42.38	(a)	54.07
	12/02/94		42.31	42.35	0.04	54.13
	10/30/95		(b)	42.54	(b)	(b)
	02/23/96	97.29 (d)	43.34	43.36	0.02	53.95
	05/14/96		43.33	43.34	0.01	53.96
	08/12/96		43.32	43.33	0.01	53.97
	11/11/96		(a)	43.11	(a)	54.18
	02/03/97		(a)	43.12	(a)	54.17
	08/04/97		(a)	43.15	(a)	54.14
	02/23/98		(a)	43.07	Sheen	54.22
	08/05/98		(a)	43.00	(a)	54.29
	02/12/99		(a)	43.07	(a)	54.22
	08/12/99		(a)	42.74	(a)	54.55
	02/13/00		(a)	42.62	(a)	54.67
	08/16/00		(a)	42.77	(a)	54.52
	02/06/01		(a)	42.85	(a)	54.44
	08/13/01		(a)	43.13	(a)	54.16
	03/01/02		(a)	42.88	(a)	54.41
	07/31/02		(a)	43.12	(a)	54.17
MW-3	07/21/93	95.00	(a)	36.55	(a)	58.45
	12/02/94		(a)	32.23	(a)	62.77
	10/30/95		(a)	31.80	(a)	63.20
	02/23/96		(a)	31.33	(a)	63.67
	05/14/96		(a)	31.28	(a)	63.72
	08/12/96		(a)	31.28	(a)	63.72
	11/11/96		(a)	30.50	(a)	64.50
	02/03/97		(a)	30.20	(a)	64.80
	08/04/97		(a)	30.41	(a)	64.59
	02/23/98		(a)	29.78	(a)	65.22
	08/05/98		(a)	28.81	(a)	66.19

Table 1. Summary of Ground Water Surface Elevations
TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	02/12/99		(a)	29.91	(a)	65.09
	08/12/99		(a)	29.44	(a)	65.56
	02/13/00		(a)	29.34	(a)	65.66
	08/16/00		(a)	29.94	(a)	65.06
	02/06/01		(a)	29.38	(a)	65.62
	08/13/01		(a)	29.73	(a)	65.27
	03/01/02		(a)	29.57	(a)	65.43
	07/31/02		(a)	30.17	(a)	64.83
MW-4	07/21/93	94.02	(a)	49.92	(a)	44.10
	12/02/94		(a)	46.38	(a)	47.64
	10/30/95		(a)	46.05	(a)	47.97
	02/23/96	95.21 (d)	(a)	47.64	(a)	47.57
	05/14/96		(a)	47.58	(a)	47.63
	08/12/96		(a)	47.05	(a)	48.16
	11/11/96		(a)	46.72	(a)	48.49
	02/03/97		(a)	47.10	(a)	48.11
	08/04/97		(a)	46.85	(a)	48.36
	02/23/98		(a)	46.90	(a)	48.31
	08/05/98		(a)	47.51	(a)	47.70
	02/12/99		(a)	47.35	(a)	47.86
	08/12/99		(a)	46.10	(a)	49.11
	02/13/00		(a)	47.34	(a)	47.87
	08/16/00		(a)	47.20	(a)	48.01
	02/06/01		(a)	47.14	(a)	48.07
	08/13/01		(a)	47.35	(a)	47.86
	03/01/02		(a)	47.51	(a)	47.70
	07/31/02		(a)	47.70	(a)	47.51
MW-5	12/02/94	98.22	(a)	34.40	(a)	63.82
	10/30/95		(a)	34.80	(a)	63.42
	02/23/96		(a)	34.88	(a)	63.34
	05/14/96		(a)	34.88	(a)	63.34
	08/12/96		(a)	34.61	(a)	63.61
	11/11/96		(a)	34.37	(a)	63.85
	02/03/97		(a)	34.25	(a)	63.97
	08/04/97		(a)	34.21	(a)	64.01
	02/23/98		(a)	34.00	(a)	64.22
	08/05/98		(a)	34.05	(a)	64.17
	02/12/99		(a)	34.29	(a)	63.93
	08/12/99		(a)	34.27	(a)	63.95
	02/13/00		(a)	34.42	(a)	63.80
	08/16/00		(a)	35.05	(a)	63.17
	02/06/01		(a)	35.11	(a)	63.11
	08/13/01		(a)	35.16	(a)	63.06
	03/01/02		(a)	35.04	(a)	63.18
	07/31/02		(a)	34.98	(a)	63.24

Table 1. Summary of Ground Water Surface Elevations
TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-6	12/02/94	99.62	(a)	36.00	(a)	63.62
	10/30/95		(a)	36.34	(a)	63.28
	02/23/96		(a)	36.46	(a)	63.16
	05/14/96		(a)	36.38	(a)	63.24
	08/12/96		(a)	36.22	(a)	63.40
	11/11/96		(a)	36.03	(a)	63.59
	02/03/97		(a)	35.90	(a)	63.72
	08/04/97		(a)	35.86	(a)	63.76
	02/23/98		(a)	35.71	(a)	63.91
	08/05/98		(a)	35.70	(a)	63.92
	02/12/99		(a)	35.91	(a)	63.71
	08/12/99		(a)	35.94	(a)	63.68
	02/13/00		(a)	36.09	(a)	63.53
	02/06/01		(a)	37.42	(a)	62.20
	03/01/02		(a)	37.13	(a)	62.49
	07/31/02		(a)	36.87	(a)	62.75
MW-7	12/02/94	99.14	(a)	45.58	(a)	53.56
	10/30/95		(a)	35.87	(a)	63.27
	02/23/96		(a)	35.86	(a)	63.28
	05/14/96		(a)	35.91	(a)	63.23
	08/12/96		(a)	35.76	(a)	63.38
	11/11/96		(a)	35.59	(a)	63.55
	02/03/97		(a)	35.46	(a)	63.68
	08/04/97		(a)	35.42	(a)	63.72
	02/23/98		(a)	35.28	(a)	63.86
	08/05/98		(a)	35.27	(a)	63.87
	02/12/99		(a)	35.45	(a)	63.69
	08/12/99		(a)	35.47	(a)	63.67
	02/13/00		(a)	35.56	(a)	63.58
	08/16/00		(a)	36.42	(a)	62.72
	02/06/01		(a)	36.35	(a)	62.79
	08/13/01		(a)	36.66	(a)	62.48
	03/01/02		(a)	36.42	(a)	62.72
	07/31/02		(a)	36.29	(a)	62.85
MW-8	12/02/94	95.98	(a)	28.70	(a)	67.28
	10/30/95		(a)	29.16	(a)	66.82
	02/23/96		(a)	29.19	(a)	66.79
	05/14/96		(a)	29.30	(a)	66.68
	08/12/96		(a)	29.39	(a)	66.59
	11/11/96		(a)	29.07	(a)	66.91
	02/03/97		(a)	28.73	(a)	67.25
	08/04/97		(a)	28.75	(a)	67.23
	02/23/98		(a)	28.67	(a)	67.31
	08/05/98		(a)	29.62	(a)	66.36
	02/12/99		(a)	29.16	(a)	66.82
	08/12/99		(a)	29.40	(a)	66.58
	02/13/00		(a)	29.11	(a)	66.87
	08/16/00		(a)	29.65	(a)	66.33
	02/06/01		(a)	29.49	(a)	66.49

Table 1. Summary of Ground Water Surface Elevations
TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	08/13/01		(a)	29.36	(a)	66.62
	03/01/02		(a)	29.47	(a)	66.51
	07/31/02		(a)	29.77	(a)	66.21

Notes:
(a) Not applicable since no measurable thickness of hydrocarbon is present
(b) Information not available
(c) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.76
(d) 2/23/96 onward - values reflect corrections made to TOC elevations for MW-1 (+1.01'), MW-2 (+0.84') and MW-4 (+1.19')

Table 2. Summary of Ground Water Surface Elevations at SVE Wells and Monitor Wells MW-1 and MW-2 TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-1	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	30.87	(a)	(a)
	08/12/99		(a)	30.53	(a)	(a)
	02/13/00		(a)	31.24	(a)	(a)
	08/16/00		(a)	29.30	(a)	(a)
	02/06/01		(a)	31.82	(a)	(a)
	08/13/01		(a)	30.91	(a)	(a)
	03/01/02		(a)	31.92	(a)	(a)
	07/31/02		(a)	30.93	(a)	(a)
SVE-2	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	30.89	(a)	(a)
	08/12/99		(a)	31.25	(a)	(a)
	02/13/00		(a)	32.51	(a)	(a)
	08/16/00		(a)	28.73	(a)	(a)
	02/06/01		(a)	32.89	(a)	(a)
	08/13/01		(a)	32.78	(a)	(a)
	03/01/02		(a)	32.84	(a)	(a)
	07/31/02		(a)	32.65	(a)	(a)
SVE-3	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	29.52	(a)	(a)
	08/12/99		(a)	30.60	(a)	(a)
	02/13/00		(a)	30.85	(a)	(a)
	08/16/00		(a)	29.10	(a)	(a)
	02/06/01		(a)	31.61	(a)	(a)
	08/13/01		(a)	30.88	(a)	(a)
	03/01/02		(a)	31.47	(a)	(a)
	07/31/02		(a)	30.71	(a)	(a)
SVE-4	05/14/96	(b)	(a)	42.84	(a)	(a)
	02/12/99		(a)	43.35	(a)	(a)
	08/12/99		(a)	43.18	(a)	(a)
	02/13/00		(a)	43.10	(a)	(a)
	08/16/00		(a)	43.09	(a)	(a)
	02/06/01		(a)	43.28	(a)	(a)
	08/13/01		(a)	43.51	(a)	(a)
	03/01/02		(a)	43.26	(a)	(a)
	07/31/02		(a)	43.45	(a)	(a)
SVE-5	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	44.91	(a)	(a)
	08/12/99		(a)	44.78	(a)	(a)
	02/13/00		(a)	dry	(a)	(a)
	08/16/00		(a)	dry	(a)	(a)
	02/06/01		(a)	dry	(a)	(a)
	08/13/01		(a)	dry	(a)	(a)
	03/01/02		(a)	dry	(a)	(a)
	07/31/02		(a)	dry	(a)	(a)

Table 2. Summary of Ground Water Surface Elevations at SVE Wells and Monitor Wells MW-1 and MW-2 TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-6	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	42.26	(a)	(a)
	08/12/99		(a)	39.88	(a)	(a)
	02/13/00		(a)	38.59	(a)	(a)
	08/16/00		(a)	37.74	(a)	(a)
	02/06/01		(a)	40.45	(a)	(a)
	08/13/01		(a)	39.47	(a)	(a)
	03/01/02		(a)	41.63	(a)	(a)
	07/31/02		(a)	40.36	(a)	(a)
SVE-7	05/14/96	(b)	(a)	35.00	(a)	(a)
	02/12/99		(a)	35.22	(a)	(a)
	08/12/99		(a)	35.28	(a)	(a)
	02/13/00		(a)	35.41	(a)	(a)
	08/16/00		(a)	35.90	(a)	(a)
	02/06/01		(a)	36.10	(a)	(a)
	08/13/01		(a)	36.26	(a)	(a)
	03/01/02		(a)	36.06	(a)	(a)
	07/31/02		(a)	36.06	(a)	(a)
SVE-8	05/14/96	(b)	(a)	34.50	(a)	(a)
	02/12/99		(a)	33.80	(a)	(a)
	08/12/99		(a)	34.60	(a)	(a)
	02/13/00		(a)	34.82	(a)	(a)
	08/16/00		(a)	33.73	(a)	(a)
	02/06/01		(a)	35.48	(a)	(a)
	08/13/01		(a)	35.60	(a)	(a)
	03/01/02		(a)	35.45	(a)	(a)
	07/31/02		(a)	35.34	(a)	(a)
SVE-9	05/14/96	(b)	(a)	35.44	(a)	(a)
	02/12/99		(a)	33.33	(a)	(a)
	08/12/99		(a)	34.07	(a)	(a)
	02/13/00		(a)	35.49	(a)	(a)
	08/16/00		(a)	32.41	(a)	(a)
	02/06/01		(a)	36.33	(a)	(a)
	08/13/01		(a)	36.10	(a)	(a)
	03/01/02		(a)	36.22	(a)	(a)
	07/31/02		(a)	35.61	(a)	(a)
SVE-10	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	dry	(a)	(a)
	08/12/99		(a)	dry	(a)	(a)
	02/13/00		(a)	dry	(a)	(a)
	08/16/00		(a)	dry	(a)	(a)
	02/06/01		(a)	dry	(a)	(a)
	08/13/01		(a)	dry	(a)	(a)
	03/01/02		(a)	dry	(a)	(a)
	07/31/02		(a)	dry	(a)	(a)

Table 2. Summary of Ground Water Surface Elevations at SVE Wells and Monitor Wells MW-1 and MW-2 TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-11	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	44.02	(a)	(a)
	08/12/99		(a)	44.13	(a)	(a)
	02/13/00		(a)	43.75	(a)	(a)
	08/16/00		(a)	43.72	(a)	(a)
	02/06/01		(a)	dry	(a)	(a)
	08/13/01		(a)	dry	(a)	(a)
	03/01/02		(a)	44.34	(a)	(a)
	07/31/02		(a)	dry	(a)	(a)
SVE-12	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	42.59	(a)	(a)
	08/12/99		(a)	45.11	(a)	(a)
	02/13/00		(a)	43.52	(a)	(a)
	08/16/00		(a)	41.23	(a)	(a)
	02/06/01		(a)	44.86	(a)	(a)
	08/13/01		(a)	43.27	(a)	(a)
	03/01/02		(a)	43.10	(a)	(a)
	07/31/02		(a)	44.57	(a)	(a)
SVE-13	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		34.41	35.00	0.59	(a)
	08/12/99		(a)	51.87	(a)	(a)
	08/23/99		(a)	51.95	(a)	(a)
	09/05/99		(a)	52.08	(a)	(a)
	09/20/99		45.15	45.18	0.03	(a)
	10/11/99		(a)	31.65	(a)	(a)
	10/18/99		(a)	30.88	(a)	(a)
	11/02/99		(a)	30.32	(a)	(a)
	11/14/99		(a)	30.00	(a)	(a)
	11/30/99		(a)	29.50	(a)	(a)
	02/13/00		(a)	31.87	(a)	(a)
	08/16/00		(a)	31.47	(a)	(a)
	02/06/01		(a)	34.44	(a)	(a)
	08/13/01		(a)	33.66	(a)	(a)
	03/01/02		(a)	34.26	(a)	(a)
	07/31/02		(a)	33.27	(a)	(a)
SVE-14	05/14/96	(b)	(a)	dry	(a)	(a)
	02/12/99		(a)	33.11	(a)	(a)
	08/12/99		(a)	33.11	(a)	(a)
	02/13/00		(a)	33.92	(a)	(a)
	08/16/00		(a)	32.20	(a)	(a)
	02/06/01		(a)	34.32	(a)	(a)
	08/13/01		(a)	33.41	(a)	(a)
	03/01/02		(a)	34.25	(a)	(a)
	07/31/02		(a)	33.70	(a)	(a)

Table 2. Summary of Ground Water Surface Elevations at SVE Wells and Monitor Wells MW-1 and MW-2 TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1	07/21/93	94.65	(b)	(b)	(b)	(b)
	12/02/94		56.12	56.82	0.70	38.36
	10/30/95		(b)	56.83	(b)	(b)
	02/23/96	95.66	57.52	57.89	0.37	38.05
	05/14/96		57.50	57.83	0.33	38.08
	08/12/96		57.61	57.98	0.37	37.96
	11/11/96		56.11	56.25	0.14	39.52
	02/03/97		56.67	56.82	0.15	38.95
	08/04/97		57.41	57.75	0.34	38.17
	02/23/98		(a)	54.75	(a)	40.91
	08/05/98		57.08	57.30	0.22	38.53
	12/05/98		57.75	57.95	0.20	37.86
	12/06/98		58.45	58.58	0.13	37.18
	01/07/99		57.75	57.80	0.05	37.90
	01/15/99		57.78	57.80	0.02	37.88
	01/27/99		58.18	58.36	0.18	37.44
	02/12/99		59.42	59.74	0.32	36.16
	08/12/99		61.71	61.88	0.17	33.91
	08/23/99		57.35	57.37	0.02	38.31
	09/05/99		(a)	56.75	(a)	38.91
	09/20/99		(a)	56.62	(a)	39.04
	10/11/99		(a)	56.64	(a)	39.02
	10/18/99		(a)	56.69	(a)	38.97
	11/02/99		(a)	57.00	(a)	38.66
	11/14/99		(a)	57.20	(a)	38.46
	11/30/99		57.42	57.45	0.03	38.23
	02/13/00		57.74	57.81	0.07	37.90
	08/16/00		(a)	58.05	(a)	37.61
	02/06/01		(a)	58.09	(a)	37.57
	08/13/01		(a)	58.23	(a)	37.43
	03/01/02		(a)	58.02	(a)	37.64
	07/31/02		(a)	58.18	(a)	37.48
MW-2	07/21/93	96.45	(a)	42.38	(a)	54.07
	12/02/94		42.31	42.35	0.04	54.13
	10/30/95		(b)	42.54	(b)	(b)
	02/23/96	97.29	43.34	43.36	0.02	53.95
	05/14/96		43.33	43.34	0.01	53.96
	08/12/96		43.32	43.33	0.01	53.97
	11/11/96		(a)	43.11	(a)	54.18
	02/03/97		(a)	43.12	(a)	54.17
	08/04/97		(a)	43.15	(a)	54.14
	02/23/98		(a)	43.07	Sheen	54.22
	08/05/98		(a)	43.00	(a)	54.29
	12/05/98		(a)	43.00	(a)	54.29
	12/06/98		(a)	43.01	(a)	54.28
	01/07/99		(a)	42.98	(a)	54.31
	01/15/99		(a)	42.99	(a)	54.30
	01/27/99		(a)	43.08	(a)	54.21
	02/12/99		(a)	43.07	(a)	54.22

Table 2. Summary of Ground Water Surface Elevations at SVE Wells and Monitor Wells MW-1 and MW-2 TW Atoka-1 Compressor Station

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	08/12/99		(a)	42.74	(a)	54.55
	08/23/99		(a)	42.89	(a)	54.40
	09/05/99		(a)	42.83	(a)	54.46
	09/20/99		(a)	42.81	(a)	54.48
	10/11/99		(a)	42.80	(a)	54.49
	10/18/99		(a)	42.80	(a)	54.49
	11/02/99		(a)	42.80	(a)	54.49
	11/14/99		(a)	42.75	(a)	54.54
	11/30/99		(a)	42.72	(a)	54.57
	02/13/00		(a)	42.62	(a)	54.67
	08/16/00		(a)	42.77	(a)	54.52
	02/06/01		(a)	42.85	(a)	54.44
	08/13/01		(a)	43.13	(a)	54.16
	03/01/02		(a)	42.88	(a)	54.41
	07/31/02		(a)	43.12	(a)	54.17

Notes:
(a) Not Applicable
(b) No elevation data available

Table 3. Summary of Ground Water Analyses
TW Atoka-1 Compressor Station

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/l)	pH (Units)	Temp. (C)	Conductivity (µs/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
MW-1	02/20/01	0.0	6.7	21.9	5940	**2,960**	**1,090**	**1,040**	**7,230**
	08/13/01	1.3	6.88	22.1	6240	**2,850**	**1,030**	**1,050**	**6,510**
	03/01/02	-	-	-	-	**3,270**	671	**874**	**6,240**
	07/31/02	1.6	6.9	22.6	6370	**3,400**	320	**960**	**7,400**
MW-2	07/21/93	-	-	-	-	**3,600**	**9,800**	400	**3,170**
	08/04/97	0.0	6.95	22.2	3760	**3,700**	**4,900**	620	**1,600**
	08/06/98	-	-	-	-	**2,900**	**3,600**	550	**1,300**
	02/12/99	1.0	7.18	18.4	3790	**2,000**	**2,300**	330	**750**
	08/12/99	-	-	-	-	**1,800**	**2,500**	350	**890**
	02/13/00	-	-	-	-	**1,200**	**1,200**	270	460
	04/23/00	-	-	-	-	**1,100**	**970**	250	430
	06/20/00	-	-	-	-	**1,200**	**1,000**	220	350
	08/16/00	2.6	7.19	21.3	3300	**1,200**	**1,900**	280	**650**
	02/20/01	-	7.22	21.0	3340	**1,240**	745	138	451
	08/13/01	1.3	7.38	21.0	3570	**951**	390	69.1	201.5
	03/01/02	-	-	-	-	**1,230**	**983**	95.5	381
	07/31/02	2.1	7.03	21.5	3850	**710**	220	93	140
MW-3	07/21/93	-	-	-	-	7	<2	6	<2
	12/02/94	-	-	-	-	**14**	<2	<2	<4
	10/30/95	-	-	-	-	8.8	<0.5	<0.5	<0.5
	02/23/96	-	7.58	19.9	4800	6	3	<2	<2
	05/14/96	-	7.27	25.7	5380	6	<2	<2	<2
	08/12/96	-	7.25	27.1	5070	8	<2	<2	<2
	11/11/96	-	7.17	18.8	-	<2	<2	<2	<2
	02/03/97	-	-	-	-	<2	<2	<2	<2
	08/04/97	-	7.22	23.2	6130	7.4	<2	<2	<2
	02/23/98	3.5	7.32	19.6	5770	6.93	< 5.00	< 5.00	< 5.00
	08/05/98	3.7	7.21	20.1	6160	1.4	< 1.0	< 1.0	< 1.0
	02/12/99	3.4/3.4	7.36	18	6130	2	< 1.0	< 1.0	< 1.0
	08/12/99	6.7	7.35	20.5	6020	3	<2	<2	<2
	02/13/00	3.9	7.21	20	6270	7.2	<1	<1	<1
	08/16/00	5.1	7.33	21.5	5560	3	<2	<2	<4
	02/20/01	4.8	7.30	19.4	5500	3.16	<0.500	<0.500	<0.10
	08/13/01	4.4	7.51	20.3	5930	<1	<1	<1	<2
	03/01/02	3.5	7.24	21.6	6240	1.2	<1	<1	<1
	07/31/02	4.4	6.80	22.0	6060	4.2	<0.50	<0.50	<0.50
MW-4	07/21/93	-	-	-	-	**61**	4	20	68
	12/02/94	-	-	-	-	**230**	<2	60	130
	10/30/95	-	-	-	-	**240**	2.1	<0.5	92
	02/23/96	-	6.61	20.2	3500	**83**	5	<2	36
	05/14/96	-	6.75	27.4	4140	**171**	17	<2	54
	08/12/96	-	6.6	26.9	3790	**170**	11	7	43

Table 3. Summary of Ground Water Analyses
TW Atoka-1 Compressor Station

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/l)	pH (Units)	Temp. (C)	Conductivity (µs/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
	11/11/96	-	6.66	19.1	-	**180**	10	<2	120
	02/03/97	-	-	-	-	**170**	<2	<2	<2
	08/04/97	-	6.68	24.0	4470	**130**	3.3	<2	4.7
	02/23/98	2.0	6.74	20.8	3930	**13.9**	< 5.00	< 5.00	< 5.00
	08/06/98	2.5	6.74	19.8	4400	3.7	< 1.0	< 1.0	< 1.0
	02/12/99	3.7	6.87	18.7	4250	< 1.0	< 1.0	< 1.0	< 1.0
	08/12/99	5.25/5.0	6.92	21.0	3820	<2	<2	<2	<2
	02/13/00	6.3	6.95	20.3	3960	<1	<1	<1	<1
	08/16/00	6.5	6.99	22.6	3560	<1	<2	<2	<4
	02/20/01	5.6	7.03	21.5	3390	<0.500	<0.500	<0.500	<0.10
	08/13/01	7.4	7.27	21.1	3790	1.54	<1	<1	<2
	03/01/02	6.9	7.02	22.6	4300	<1	<1	<1	<1
	07/31/02	8.5	7.03	21.7	4020	<0.50	<0.50	<0.50	<0.50
MW-5	12/02/94	-	-	-	-	**6,200**	**13,000**	**1,100**	**7,400**
	11/02/95	-	-	-	-	**6,800**	**4,500**	**930**	**3,500**
	02/23/96	-	6.92	21.8	4110	**4,490**	**1,820**	388	**1,235**
	05/14/96	-	7.02	26.6	5380	**4,630**	573	**775**	**1,600**
	08/12/96	-	7.04	25.3	3630	**4,000**	<82	500	99
	11/11/96	-	7.12	19.6	-	**6,100**	<200	430	<200
	02/03/97	-	-	-	-	**3,200**	<100	590	550
	08/04/97	3.5	7.05	23.5	4580	**4,000**	**1,100**	420	250
	02/23/98	1.6	7.12	19.8	5110	**3,980**	52.5	373	15.0
	08/06/98	1.6	7.04	21.3	5530	**4,200**	130	390	60
	02/12/99	4.9/3.2	7.18	18.5	5150	**4,500**	280	240	46
	08/12/99	2.0	7.1	20.7	5310	**3,900**	68	220	31
	02/13/00	2.6	6.86	20.3	4480	**2,000**	**750**	72	**760**
	04/23/00	-	-	-	-	**3,100**	60	110	45
	06/20/00	-	-	-	-	**2,100**	130	72	**690**
	08/16/00	2.7	6.92	21.7	4170	**1,800**	240	100	91
	02/20/01	-	7.04	21.7	4490	**3,650**	349	145	93.5
	08/13/01	1.2	7.30	21.6	4360	**900**	17.7	5.86	15.68
	03/01/02	1.3	6.89	22.0	5050	**480**	83	6.7	38.1
(Duplicate MW-9)	03/01/02	-	-	-	-	**434**	122	9.8	57.4
	07/31/02	3.2	6.97	21.6	4400	**440**	49	20	41
MW-6	12/02/94	-	-	-	-	**360**	<10	50	<20
	10/30/95	-	-	-	-	**4,600**	<5.0	190	<5.0
	02/23/96	-	7.34	21.1	3330	**1,000**	9	222	9
	05/14/96	-	7.01	25.2	2660	**3,700**	56	234	88
	08/12/96	-	6.67	26.4	4650	**2,300**	8	250	<15
	11/11/96	-	7.38	18.9	-	**3,700**	<10	220	<10
	02/03/97	-	-	-	-	**2,900**	<100	250	230
	08/04/97	3.9	6.99	24.2	2720	**2,100**	<100	390	<100
	02/23/98	3.1	7.2	20.2	2980	**2,080**	< 5.00	320	5.71

Table 3. Summary of Ground Water Analyses
TW Atoka-1 Compressor Station

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/l)	pH (Units)	Temp. (C)	Conductivity (µs/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
	08/06/98	4.9	7.14	20.7	3250	**2,100**	< 5.0	370	< 5.0
	02/12/99	2.3	7.29	19.1	4330	**1,700**	< 1.0	280	2
	08/12/99	4.5	7.32	20.8	3460	**1,100**	<2	310	2
	02/13/00	3.2	7.16	20.1	3850	**1,800**	<25	460	77
	04/23/00	-	-	-	-	**2,300**	20	410	100
	06/20/00	-	-	-	-	**1,300**	18	280	96
	08/16/00	-	-	-	-	**850**	3	180	75
	02/20/01	3.8	7.22	27.1	2570	**1,440**	<25.0	282	433
	08/13/01	5.8	7.24	27.1	2780	**885**	10.5	231	225
	03/01/02	2.7	6.98	22.6	2900	**1,020**	<5	318	17.6
	07/31/02	5.8	6.70	21.6	3280	**240**	13	220	15
MW-7	12/02/94	-	-	-	-	**620**	170	**1,100**	**1,100**
	10/30/95	-	-	-	-	**2,200**	440	460	270
	02/23/96	-	-	-	-	**832**	463	318	422
	05/14/96	-	6.76	25.8	2890	**1,610**	**2,880**	649	**3,030**
	08/12/96	-	6.83	27.6	3150	**850**	**850**	360	**720**
	11/11/96	-	7.07	19.6	-	**720**	**970**	170	390
	02/03/97	-	-	-	-	**620**	**870**	300	**1,000**
	08/04/97	0.8	6.81	24.1	2830	**1,200**	710	330	490
	02/23/98	0.9	6.91	21.2	2510	**860**	**770**	312	**748**
	08/06/98	1.1	6.90	20.3	2610	**870**	**900**	440	**1,000**
	02/12/99	1.7	6.99	18.7	2550	**970**	**820**	380	**730**
	08/12/99	1.8	7.02	20.9	2410	**860**	**850**	420	**830**
	02/13/00	3.5	7.04	20.5	2520	**650**	670	350	**740**
	04/23/00	-	-	-	-	**1,200**	93	240	**690**
	06/20/00	-	-	-	-	**1,100**	340	320	340
	08/16/00	5	7.09	22.1	4250	**1,100**	20	310	28
	02/20/01	-	7.15	21.7	4440	**1,650**	<25.0	404	<50.0
	08/13/01	1.7	7.10	21.4	4660	**201**	<1	36.2	<2
	03/01/02	-	-	-	-	**137**	<5	6.9	5
	07/31/02	3.8	6.75	22.6	4790	**220**	34	5.2	6.4
MW-8	01/01/95	-	-	-	-	<2	<2	<2	<4
	10/30/95	-	-	-	-	**110**	1.3	<0.5	130
	02/23/96	-	7.15	20.9	4810	6	<2	<2	<2
	05/14/96	-	6.96	23.3	5260	2	<2	<2	3
	08/12/96	-	7.17	26.7	5370	<2	<2	<2	<3
	11/11/96	-	6.93	18.8	-	**11**	<2	<2	19
	02/03/97	-	-	-	-	6	<2	<2	<2
	08/04/97	-	7.14	25.6	5920	<2	<2	<2	<2
	02/23/98	3.8	7.14	20.5	5960	9.25	< 5.00	< 5.00	< 5.00
	08/05/98	3.8	7.14	21.3	6120	2.7	< 1.0	< 1.0	< 1.0
	02/12/99	3.5	7.16	19.3	6150	2	< 1.0	< 1.0	< 1.0
	08/12/99	5.3/5.0	7.14	21.3	6050	<2	<2	<2	<2

Table 3. Summary of Ground Water Analyses
TW Atoka-1 Compressor Station

Well	Sampling Date	Field Measured Parameters				BTEX Concentration - (ug/L)			
		DO (mg/l)	pH (Units)	Temp. (C)	Conductivity (µs/cm)	Benzene	Toluene	Ethylbenzene	Total Xylenes
NMWQCC Standard		none	6-9	none	none	10	750	750	620
	02/13/00	4.9/4.4	6.99	20.3	6140	<1	<1	<1	<1
	08/16/00	4.9	7.09	21.8	5580	<1	<2	<2	<4
	02/20/01	2.7	6.99	21.2	5420	<0.500	<0.500	<0.500	<0.10
	08/13/01	2.5	7.29	21.3	5920	2.81	<1	<1	<2
	03/01/02	2.8	7.04	22.4	6310	<1	<1	<1	<1
	07/31/02	5.1	6.76	22.8	5950	<0.50	<0.50	<0.50	<0.50

Table 4. Summary of VOC Concentrations at Individual Extraction Points
TW Atoka-1 Compressor Station

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	08/12/98		36,000	8,942	0.0	1.4	12.3	49.1	26.1	7.9	2.6	0.4	0.2	0.0
SVE-2	08/12/98		120	30	0.1	0.5	4.9	22.3	29.3	23.1	12.6	5.2	2.0	0.0
SVE-3	08/12/98		460	114	0.0	0.0	0.3	1.4	4.0	28.9	36.7	21.5	7.0	0.2
SVE-4	11/08/97		81,000	20,120	0.0	2.4	20.3	48.8	21.9	5.9	0.5	0.1	0.1	0.0
	08/12/98		16,000	3,974	0.0	0.3	6.0	37.3	33.6	18.8	3.1	0.8	0.1	0.0
SVE-5	11/08/97		720	179	0.0	0.9	4.5	27.1	33.2	26.2	6.0	1.9	0.2	0.0
	08/12/98		110	27	0.0	0.4	1.7	16.5	33.0	24.7	15.1	5.5	2.7	0.4
SVE-6	08/12/98		6,400	1,590	0.0	0.0	3.0	28.8	33.5	21.3	6.3	5.0	1.9	0.2
SVE-7	08/12/98		3,800	944	0.0	0.6	9.3	47.4	29.4	8.0	4.8	0.5	0.0	0.0
SVE-8	08/12/98		1,600	397	0.1	13.7	18.9	39.6	16.9	7.6	2.5	0.6	0.1	0.0
SVE-9	08/12/98		2,200	546	0.0	12.5	28.0	45.1	11.0	2.7	0.5	0.2	0.0	0.0
SVE-10	11/08/97		2,900	720	0.0	2.5	11.8	41.8	27.9	13.3	2.0	0.7	0.0	0.0
	08/12/98		640	159	0.0	2.5	10.0	43.5	26.6	13.6	3.3	0.5	0.0	0.0
SVE-11	11/08/97		22,000	5,465	0.0	1.1	13.4	50.7	25.7	8.0	0.9	0.2	0.0	0.0
	08/12/98		9,700	2,409	0.0	0.5	7.2	38.9	32.2	17.8	2.6	0.7	0.1	0.0
SVE-12	08/12/98		23,000	5,713	0.0	0.7	12.8	40.4	28.7	13.8	2.9	0.4	0.2	0.1
SVE-13	08/12/98		25,000	6,210	0.0	0.6	20.5	51.1	21.0	5.7	1.0	0.1	0.0	0.0
SVE-14	08/12/98		18,000	4,471	0.0	1.0	12.1	53.3	22.3	8.8	2.1	0.4	0.0	0.0
Total	11/08/97		17,000	4,223	0.0	1.9	15.8	48.9	24.3	7.9	0.9	0.2	0.0	0.1
(dup)	11/08/97		17,000	4,223	0.0	1.9	15.9	47.8	24.2	8.1	1.1	0.5	0.2	0.3
	08/12/98		5,700	1,416	0.0	1.9	13.7	41.0	27.8	12.1	2.7	0.5	0.3	0.0
(dup)	08/12/98		5,400	1,341	0.0	1.9	14.1	40.4	27.8	12.5	2.6	0.7	0.0	0.0
	04/19/99		3,600	894	0.2	1.5	14.0	38.0	27.3	14.0	4.0	0.8	0.2	0.0
	05/26/00		2,700	671	0.1	1.6	11.7	46.9	27.5	8.3	2.6	0.5	0.2	0.6
	08/16/00		2,400	596	0.0	1.4	6.5	40.0	30.7	16.2	3.7	1.0	0.1	0.4
	06/03/01		1,420	353	0.0	1.3	5.1	36.8	31.9	14.8	7.4	1.9	0.7	0.1
	10/10/01		1,430	355	0.0	1.5	8.7	34.9	30.7	16.5	6.1	1.5	0.1	0.0
	08/09/02		1,520	378	0.0	0.8	7.2	37.9	31.1	17.1	4.5	1.1	0.3	0.0

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

Table 5. Summary of Completion Details for Soil Borings Completed as Wells
TW Atoka-1 Compressor Station

Well	Source[a]	Date of Completion	Measuring Point Elevation (ft)[b]	North (ft)	West (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 Enviro/B&R	06/26/93	95.66	11.91	48.25	63.9	64.20	Flush Mount	2	53.5-63.5	51.5
MW-2	Layne Enviro/B&R	06/28/93	97.29	9.08	134.61	49.6	50.34	Flush Mount	2	39-49	37.0
MW-3	Layne Enviro/B&R	07/18/93	95.00	177.53	6.45	55.0	55.11	Flush Mount	2	45-55	42.5
MW-4	Layne Enviro/B&R	07/20/93	95.21	48.27	11.49	57.0	56.18	Flush Mount	2	45-55	43.0
MW-5	GeoProjects/B&C	11/20/94	98.22	14.15	228.64	79.0	53.88	Flush Mount	2	29-54	27.0
MW-6	GeoProjects/B&C	11/30/94	99.62	-15.91	277.03	46.5	46.60	Flush Mount	2	31-46	29.0
MW-7	GeoProjects/B&C	11/30/94	99.14	-94.61	281.61	46.0	45.62	Flush Mount	2	31-46	29.0
MW-8	GeoProjects/B&C	11/29/94	95.98	76.73	153.96	59.0	53.90	Flush Mount	2	24-54	22.0
SVE-1	Eades/DBS	10/30/95	na	41.80	222.60	36.5	35.65	Flush Mount	2	15-35	13.0
SVE-2	Eades/DBS	10/31/95	na	41.80	182.60	43.0	43.33	Flush Mount	2	18-43	16.0
SVE-3	Eades/DBS	10/31/95	na	41.80	142.60	45.0	45.56	Flush Mount	2	25-45	23.0
SVE-4	Eades/DBS	10/31/95	na	41.80	102.60	53.0	53.32	Flush Mount	2	28-53	25.0
SVE-5	Eades/DBS	11/01/95	na	41.80	62.60	46.0	44.92	Flush Mount	2	26-46	22.5
SVE-6	Eades/DBS	11/01/95	na	41.80	22.60	43.0	43.86	Flush Mount	2	23-43	21.5
SVE-7	Eades/DBS	10/31/95	na	1.80	242.60	39.5	40.28	Flush Mount	2	19.5-39.5	17.5
SVE-8	Eades/DBS	10/31/95	na	1.80	202.60	41.0	41.15	Flush Mount	2	21-41	19.0
SVE-9	Eades/DBS	10/31/95	na	-10.65	162.60	45.0	43.95	Flush Mount	2	24-44	21.0
SVE-10	Eades/DBS	10/31/95	na	-10.65	122.60	58.0	54.88	Flush Mount	2	28-58	26.0
SVE-11	Eades/DBS	10/30/95	na	1.80	82.60	45.0	44.33	Flush Mount	2	24-44	22.0
SVE-12	Eades/DBS	11/01/95	na	1.80	42.60	45.0	45.93	Flush Mount	2	24-45	23.0
SVE-13	Eades/DBS	11/01/95	na	1.80	2.60	58.0	59.31	Flush Mount	2	28-58	24.0
SVE-14	Eades/DBS	11/02/95	na	41.80	262.60	40.0	40.20	Flush Mount	2	15-40	14.0

NOTES:
(a) Driller/Consultant
(b) The measuring point elevation is relative to an on-site datum assigned an elevation of 100 ft and was provided by Brown & Caldwell
na - Information not available

Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
TW Atoka-1 Compressor Station

	Analytical Requirements			
Well ID	1st Semiannual Event	2nd Semiannual Event	Benzene (ppb) Latest Result	Comments
MW-1	BTEX	BTEX	3400	previously contained PSH
MW-2	BTEX	BTEX	710	previously contained PSH
MW-3	BTEX	BTEX	4.2	
MW-4	BTEX	BTEX	<0.50	
MW-5	BTEX	BTEX	440	
MW-6	BTEX	BTEX	240	
MW-7	BTEX	BTEX	220	
MW-8	BTEX	BTEX	<0.50	

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