

**3R - 196**

**ANNUAL  
MONITORING  
REPORT**

**2/28/2009**



BUILDING A BETTER WORLD

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2009 MAR 2 AM 9 51

February 28, 2009

Mr. Glenn von Gonten  
New Mexico Oil Conservation Division (NMOCD)  
1220 South St., Francis Drive  
Santa Fe, New Mexico 87505

**RE: El Paso Tennessee Pipeline Company Pit Groundwater Remediation Sites  
2008 Annual Reports**

Dear Mr. Von Gonten:

MWH Americas, Inc., on behalf of El Paso Tennessee Pipeline Company (EPTPC), is submitting the enclosed 2008 Annual Reports for each of EPTPC's 21 remaining San Juan River Basin pit groundwater remediation Sites. The reports present the 2008 sampling and product recovery data and include recommendations for 2009 activities at these Sites.

The 2008 Annual Reports are divided into three volumes based on location type. The volumes are as follows:

Volume    Location Type

- 1      Federal Land
- 2      Non-Federal Land (Excl. Navajo Nation)
- 3      Navajo Nation

If you have any questions concerning the enclosed reports, please call either Doug Stavinoha of EPTPC (713-420-5150) or me (303-291-2276).

Sincerely,

A handwritten signature in black ink that reads "Jed Smith".

Jed Smith  
Project Manager

encl.

cc:    Bill Freeman – NNEPA, Shiprock, NM (Volume 3 Only)  
Bill Liese – BLM, Farmington, NM (Volume 1 Only)  
Brandon Powell – NMOCD, Aztec, NM (Volumes 1, 2, and 3)  
Doug Stavinoha – EPTPC (Volumes 1, 2, and 3)

**2008 ANNUAL GROUNDWATER REPORT  
FEDERAL SITES VOLUME I**

**EL PASO TENNESSEE PIPELINE COMPANY**

**TABLE OF CONTENTS**

METER or LINE ID	NMOCID CASE NO.	SITE NAME	TOWNSHIP	RANGE	SECTION	UNIT
87640	3RP-155-0	Canada Mesa #2	24N	06W	24	I
89961	3RP-170-0	Fields A#7A	32N	11W	34	E
73220	3RP-068-0	Fogelson 4-1 Com. #14	29N	11W	4	P
89894	3RP-186-0	Hammond #41A	27N	08W	25	O
97213	3RP-190-0	Hamner #9	29N	09W	20	A
94715	3RP-196-0	James F. Bell #1E	30N	13W	10	P
70194	3RP-201-0	Johnston Fed #4	31N	09W	33	H
89232	3RP-202-0	Johnston Fed #6A	31N	09W	35	F
LD072	3RP-204-0	K27 LD072	25N	06W	4	E
LD174	3RP-212-0	LAT L 40	28N	04W	13	H
LD151	3RP-213-0	Lat 0-21 Line Drip	30N	09W	12	O
94810	3RP-223-0	Miles Fed 1A	26N	07W	5	F
89620	3RP-235-0	Sandoval GC A #1A	30N	09W	35	C



**2008 ANNUAL GROUNDWATER REPORT  
NON-FEDERAL SITES VOLUME II  
EL PASO TENNESSEE PIPELINE COMPANY**

**TABLE OF CONTENTS**

METER or LINE ID	NMOCD CASE NO.	SITE NAME	TOWNSHIP	RANGE	SECTION	UNIT
03906	3RP-179-0	GCU Com A #142E	29N	12W	25	G
93388	3RP-192-0	Horton #1E	31N	09W	28	H
LD087	3RP-205-0	K-31 Line Drip	25N	06W	16	N
72556	3RP-207-0	Knight #1	30N	13W	5	A
94967	3RP-214-0	*Lindrith B #24	24N	03W	9	N
70445	3RP-074-0	Standard Oil Com #1	29N	09W	36	N
71669	3RP-239-0	State Gas Com N #1	31N	12W	16	H

\* Lindrith B#24 Site was submitted for closure in 2006, and is pending approval from NMOCD.  
There were no activites for this site in 2008.



**MWH**

**EPTPC GROUNDWATER SITES  
2008 ANNUAL GROUNDWATER REPORT**

**James F. Bell #1E  
Meter Code: 94715**

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**SITE DETAILS**

<b>Legal Description:</b>	<b>Town:</b>	30N	<b>Range:</b>	13W	<b>Sec:</b>	10	<b>Unit:</b>	P
<b>NMOCD Haz Ranking:</b>	40	<b>Land Type:</b>	Federal	<b>Operator:</b>	BP / Amoco Production Company			

**PREVIOUS ACTIVITIES**

<b>Site Assessment:</b>	3/94	<b>Excavation:</b>	4/94	<b>Soil Boring:</b>	10/95
<b>Monitor Well:</b>	10/95	<b>Geoprobe:</b>	NA	<b>Additional MWs:</b>	6/99
<b>Downgradient MWs:</b>	11/95	<b>Replace MW:</b>	NA	<b>Quarterly Initiated:</b>	NA
<b>ORC Nutrient Injection:</b>	NA	<b>Re-Excavation:</b>	NA	<b>PSH Removal Initiated:</b>	7/97
<b>Annual Initiated:</b>	10/00	<b>Quarterly Resumed:</b>	NA	<b>PSH Removal in 2008?</b>	No

\* Additional downgradient monitoring wells were attempted in 1995 and in 1999; however, these borings were dry and wells were not installed.

**SUMMARY OF 2008 ACTIVITIES**

**MW-1:** Annual groundwater sampling (June) and quarterly water level monitoring were performed during 2008.

**MW-2:** Quarterly water level monitoring was performed during 2008.

**MW-3:** Annual groundwater sampling (June) and quarterly water level monitoring were performed during 2008.

**MW-4:** Quarterly water level monitoring was performed during 2008.

**Site-Wide Activities:** No other activities were performed at this Site during 2008.

**SITE MAP**

A Site map (June) is attached as Figure 1.

**SUMMARY TABLES AND GRAPHS**

- Historic analytical and water level data are summarized in Table 1 and presented graphically in Figures 2 through 5. Where applicable, static water level elevations were corrected for measurable thicknesses of free-product (specific gravity of 0.8).

**EPTPC GROUNDWATER SITES**  
**2008 ANNUAL GROUNDWATER REPORT**

**James F. Bell #1E**  
**Meter Code: 94715**

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- Historic free-product recovery data are summarized in Table 2 and presented graphically in Figures 6 and 7.
- The 2008 laboratory report is presented in Attachment 1 (included on CD).
- The 2008 field documentation is presented in Attachment 2 (included on CD).

### **GEOLOGIC LOGS AND WELL COMPLETION DIAGRAMS**

No subsurface activities were performed at this Site during 2008.

### **DISPOSITION OF GENERATED WASTES**

All purge water was taken to the El Paso Natural Gas Rio Vista Compressor Station.

### **ISOCONCENTRATION MAPS**

No isoconcentration maps were prepared for this Site; however, the attached Site map presents the analytical data collected during the June 2008 event.

### **RESULTS**

- There was no free-product observed in MW-1 in 2008. This well was sampled in June 2008, and the BTEX results were significantly above the NMWQCC standards. The BTEX concentrations are nearly identical to those observed historically.
- The BTEX constituents were not detected in monitor well MW-2, consistent with the previous 4 annual groundwater sampling results.
- Free-product has not been detected in MW-3 since January 2004. Benzene and toluene concentrations (876 µg/L and <50 µg/L) have attenuated over time, though benzene remains above its NMWQCC standard. Ethylbenzene (1,060 µg/L) and total xylenes concentrations (11,000 µg/L) appear to be stable at levels well above their respective standards.

### **RECOMMENDATIONS**

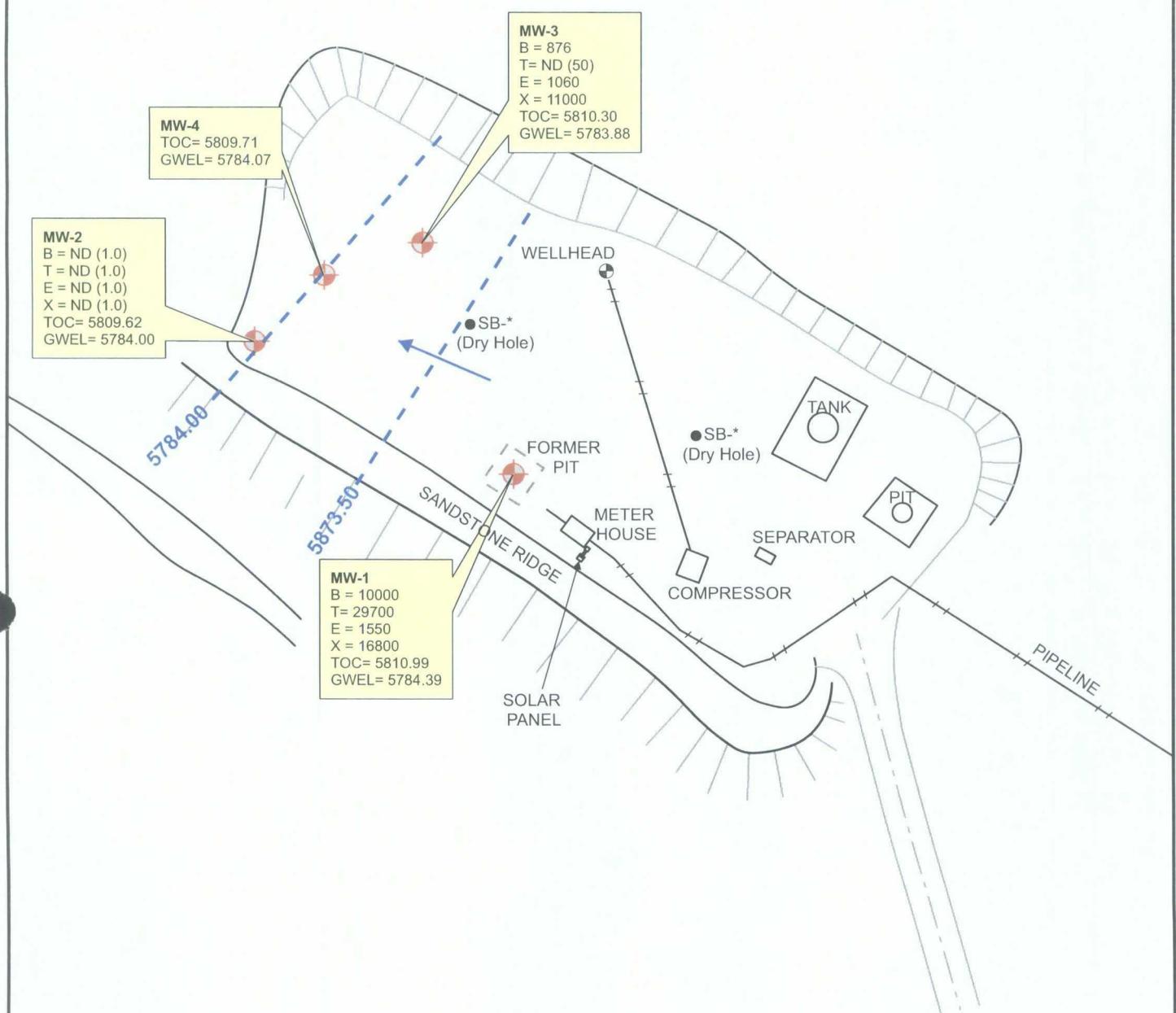
- The dissolved phase BTEX concentrations in MW-1 appear to be stable over the last 10 years. EPTPC will continue to sample this well annually in conjunction with MW-3, if free-product does not reappear. MW-1 will be gauged quarterly to check for free-product.

**EPTPC GROUNDWATER SITES  
2008 ANNUAL GROUNDWATER REPORT**

**James F. Bell #1E  
Meter Code: 94715**

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- EPTPC recommends that annual sampling be discontinued at MW-2. This well has been clean during the last 5 annual sampling events. EPTPC will not sample this well until the Site closure samples are collected. Water level monitoring will continue on a quarterly basis.
- EPTPC will continue annual groundwater sample collection and quarterly water level monitoring at MW-3.
- Because historic data collected at MW-4 indicate concentrations of BTEX constituents below analytical detection limits, EPTPC will not sample this well until the Site closure samples are collected. Water level monitoring will continue on a quarterly basis.



#### LEGEND

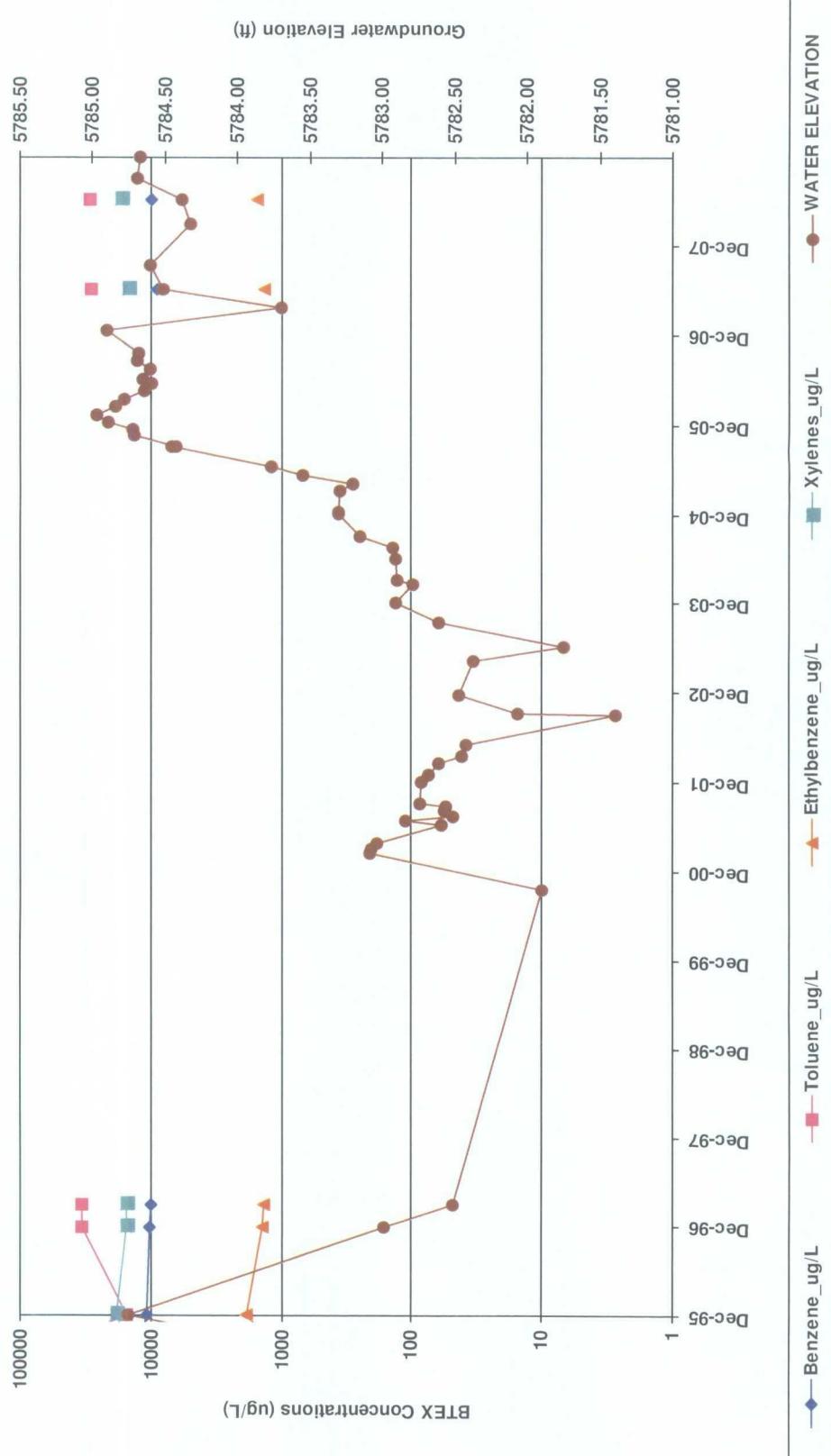
- MW-4** • Existing Monitoring / Observation Well
- PZ-01** ● Abandoned Monitoring Well
- Groundwater Flow Direction
- 1275 — Potentiometric Surface Contour (Inferred Where Dashed)

B	Benzene (ug/L)
T	Toluene (ug/L)
E	Ethylbenzene (ug/L)
X	Total Xylenes (ug/L)
TOC	Top of Casing (ft. AMSL)
GWEL	Groundwater Elevation (ft. AMSL)
ND	Not Detected

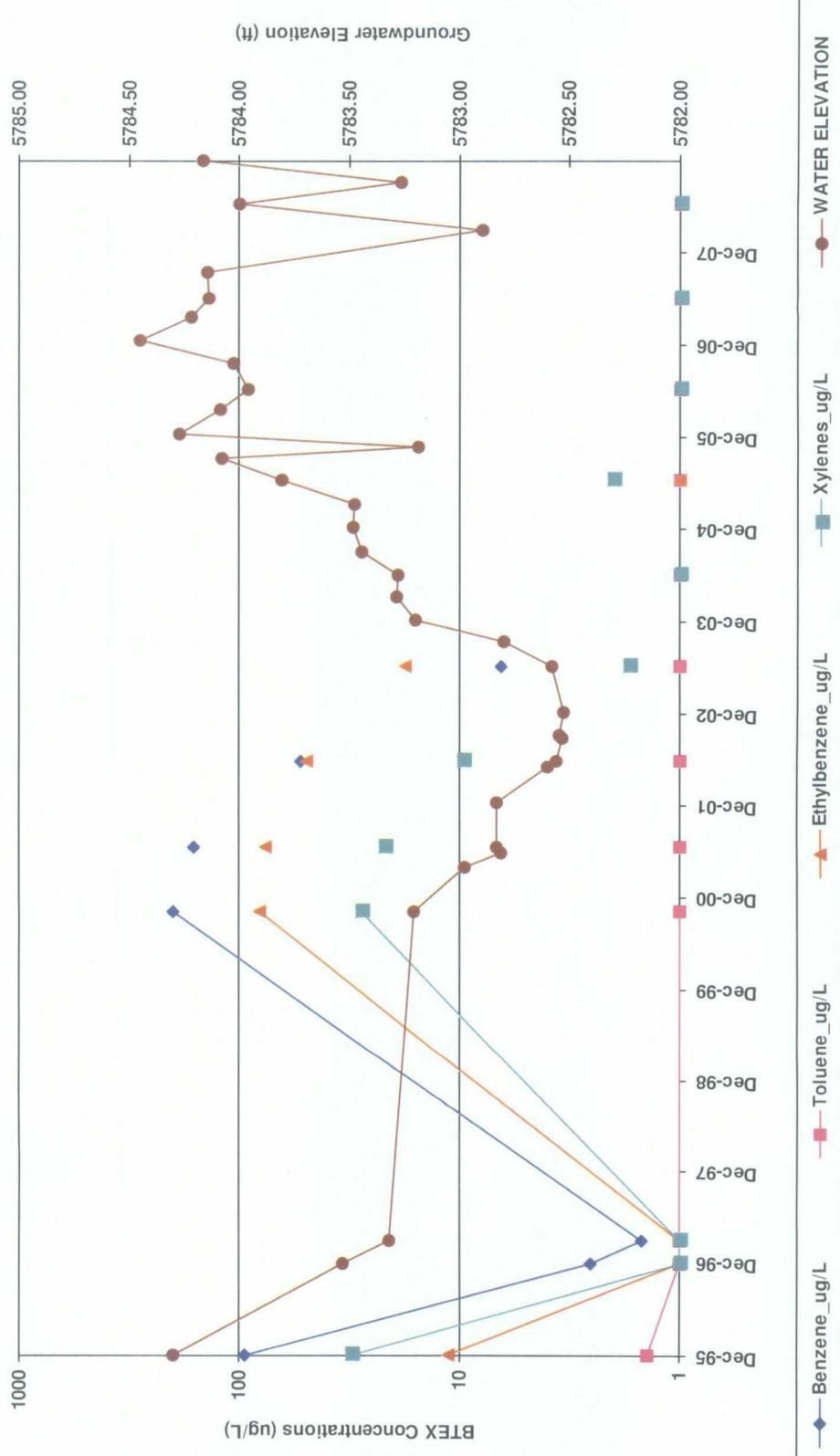


Not To Scale

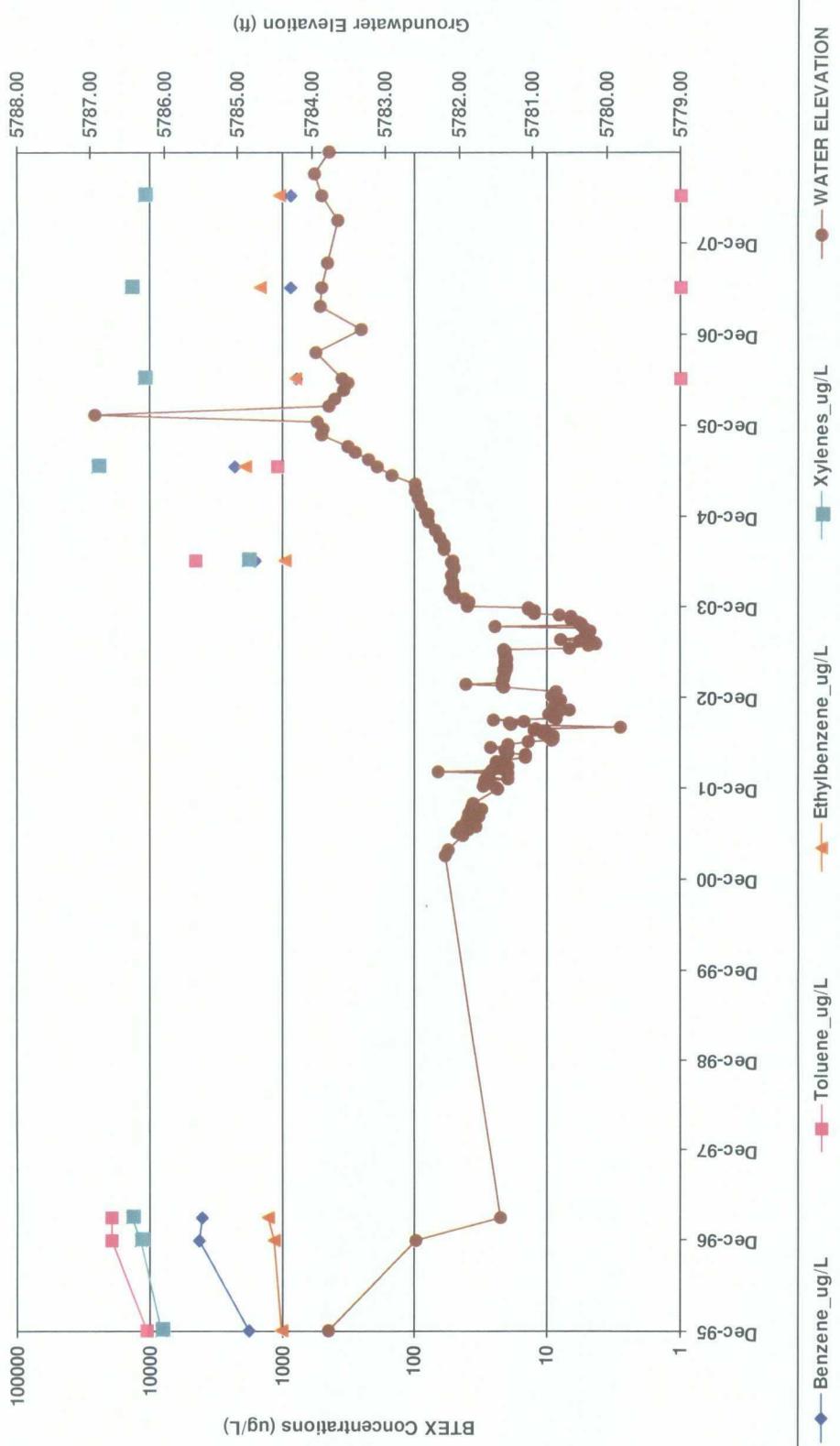
**FIGURE 2**  
**SUMMARY OF BTEX COMPOUNDS IN GROUNDWATER SAMPLES**  
**JAMES F. BELL #1E (METER #94715)**  
**MW01**



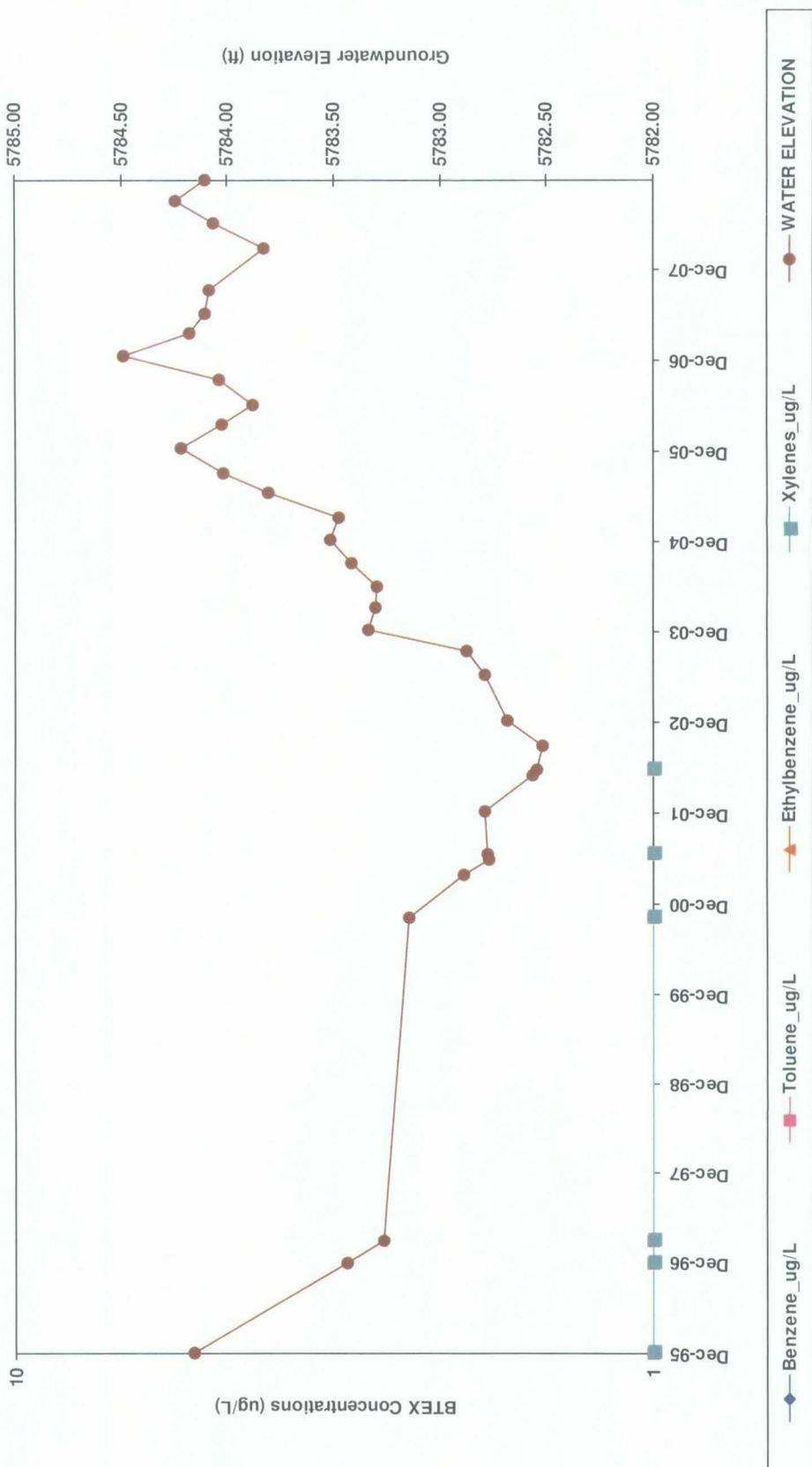
**FIGURE 3**  
**SUMMARY OF BTEx COMPOUNDS IN GROUNDWATER SAMPLES**  
**JAMES F. BELL #1E (METER #94715)**  
**MW02**



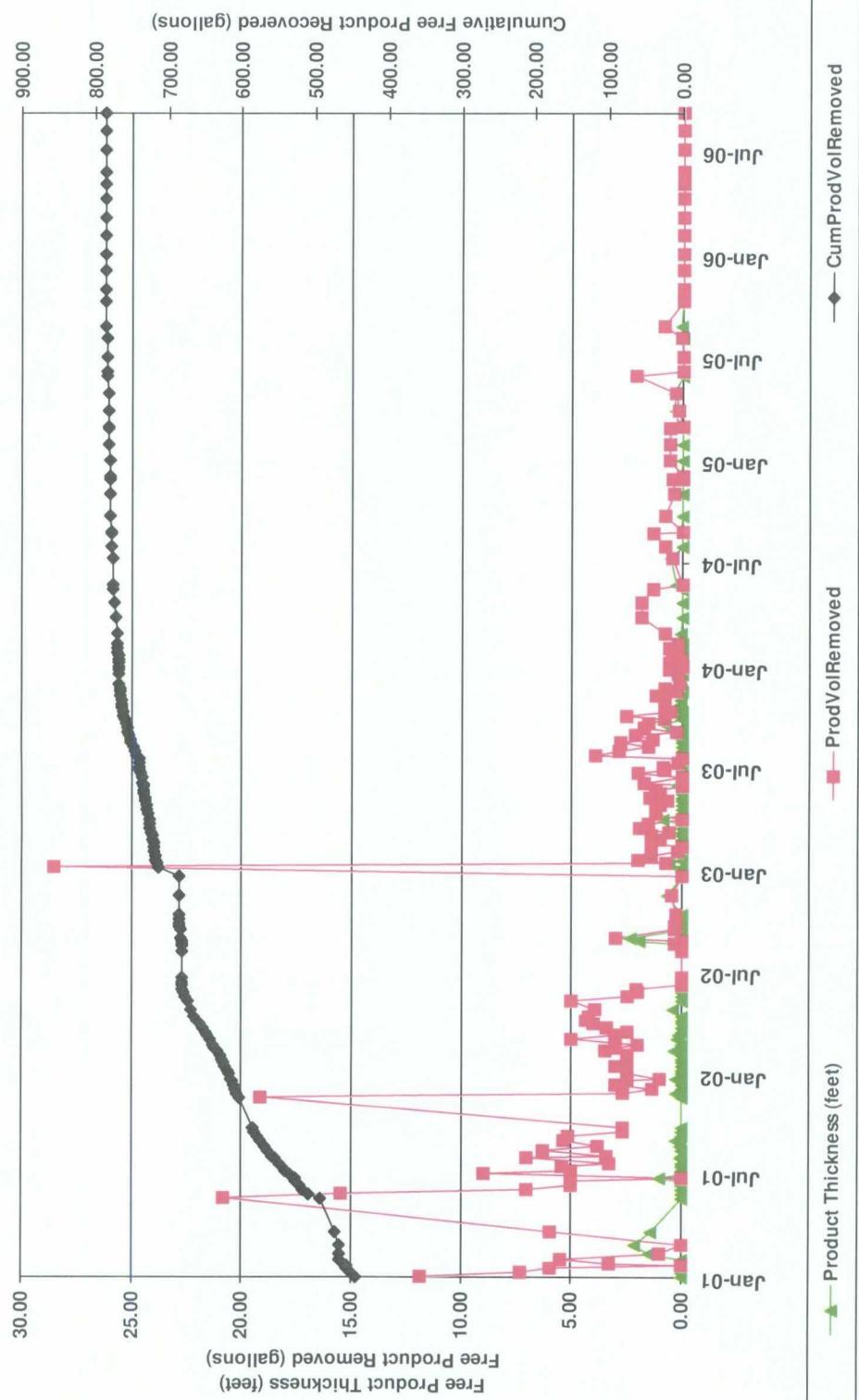
**FIGURE 4**  
**SUMMARY OF BTEx COMPOUNDS IN GROUNDWATER SAMPLES**  
**JAMES F. BELL #1E (METER #94715)**  
**MW03**



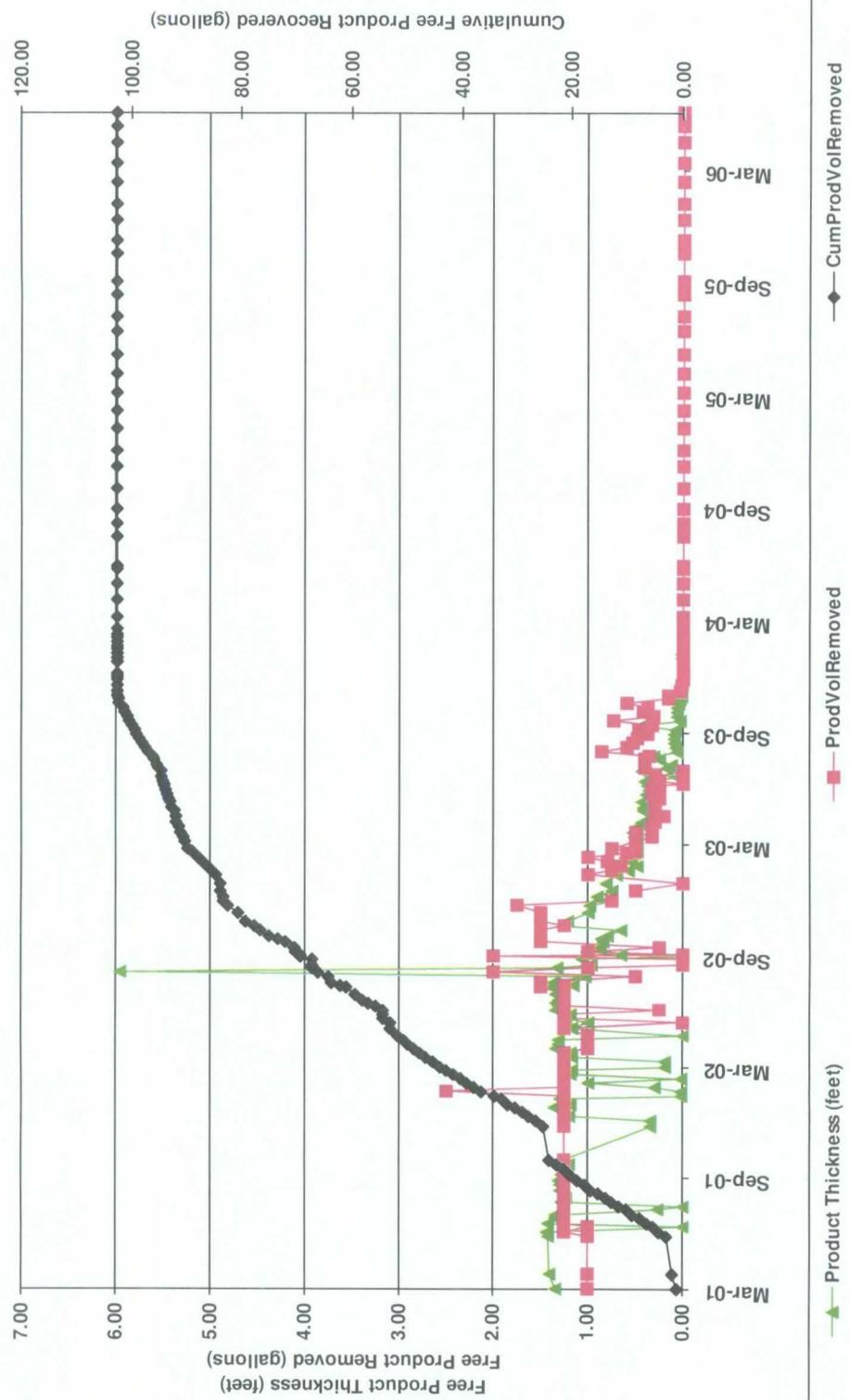
**FIGURE 5**  
**SUMMARY OF BTEX COMPOUNDS IN GROUNDWATER SAMPLES**  
**JAMES F. BELL #1E (METER #94715)**  
**MW04**



**FIGURE 6**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**  
**MW01**



**FIGURE 7**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**  
**MW03**



**TABLE 1**  
**SUMMARY OF BTEX COMPOUNDS IN GROUNDWATER SAMPLES**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Sample Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Depth to Water (ft BTOC)
<b>MW01</b>	10/17/1995	11200	26400	1540	16500	26.67
	12/11/1995	10800	15400	1870	18400	26.23
	12/4/1996	10300	33200	1400	15200	28.00
	3/5/1997	9850	33400	1370	15200	28.47
	6/11/2007	8910	29200	1360	15000	26.47
	6/12/2008	10000	29700	1550	16800	26.60
<b>MW02</b>	12/11/1995	94.7	1.4	11.3	31.1	25.32
	12/4/1996	2.52	1	1	1	26.09
	3/5/1997	1.49	1	1	1	26.30
	10/11/2000	200	1	81	28	26.41
	6/25/2001	160	1	77	22	26.79
	6/5/2002	53	1	50	9.7	27.06
	6/19/2003	6.5	1	17.8	1.7	27.04
	6/9/2004	1	1	1	1	26.34
	6/23/2005	1	1	1	2	25.81
	6/14/2006	1	1	1	1	25.66
	6/11/2007	1	1	1	1	25.48
	6/12/2008	1	1	1	1	25.62
<b>MW03</b>	12/11/1995	1790	10400	1010	8070	26.52
	12/4/1996	4210	19200	1140	11700	27.72
	3/5/1997	4000	19200	1280	13600	28.87
	6/9/2004	1590	4520	966	1830	28.21
	6/23/2005	2260	1090	1920	24800	27.18
	6/14/2006	795	1	818	10900	26.71
	6/11/2007	868	1	1490	13900	26.42
	6/12/2008	876	1	1060	11000	26.42
<b>MW04</b>	12/11/1995	1	1	1	1	25.55
	12/4/1996	1	1	1	1	26.27
	3/5/1997	1	1	1	1	26.44
	10/11/2000	1	1	1	1	26.56
	6/25/2001	1	1	1	1	26.93
	6/5/2002	1	1	1	1	27.16

Note: Non Detects are represented by a value of 1.

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW01	1/16/2001			0.00	11.86	443.26
	1/24/2001			0.00	7.27	450.53
	1/31/2001			0.00	5.93	456.46
	2/5/2001			0.00	0.00	456.46
	2/8/2001			0.00	3.25	459.71
	2/16/2001			0.00	5.48	465.19
	2/26/2001	27.61	29.06	1.45	1.00	466.19
	3/14/2001	27.49	29.60	2.11	0.00	466.19
	4/6/2001	27.67	29.08	1.41	5.93	472.12
	6/5/2001			0.00	20.85	492.97
	6/14/2001			0.00	15.50	508.47
	6/22/2001	28.10	29.57	1.47	7.00	515.47
	6/28/2001			0.00	5.00	520.47
	7/6/2001			0.00	5.00	525.47
	7/11/2001	27.95	28.95	1.00	0.00	525.47
	7/20/2001			0.00	9.00	534.47
	7/26/2001	28.21	29.51	1.30	5.00	539.47
	8/2/2001			0.00	5.40	544.87
	8/8/2001			0.00	3.25	548.12
	8/16/2001	28.40	28.49	0.09	7.00	555.12
	8/20/2001			0.00	3.40	558.52
	8/31/2001			0.00	6.30	564.82
	9/6/2001	28.41	28.46	0.05	3.80	568.62
	9/17/2001	28.19	28.46	0.27	5.36	573.98
	9/26/2001			0.00	5.17	579.15
	10/3/2001			0.00	2.70	581.85
	10/11/2001			0.00	2.70	584.55
	12/4/2001			0.00	19.13	603.68
	12/13/2001	28.20	28.50	0.30	2.70	606.38
	12/21/2001			0.00	1.34	607.72
	12/28/2001			0.00	3.00	610.72
	1/4/2002			0.00	2.49	613.21
	1/8/2002	28.25	28.54	0.29	1.00	614.21
	1/17/2002			0.00	2.50	616.71
	1/23/2002			0.00	2.50	619.21
	1/31/2002			0.00	3.00	622.21
	2/7/2002			0.00	2.50	624.71
	2/14/2002			0.00	2.50	627.21
	2/20/2002			0.00	2.50	629.71

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW01	2/28/2002	28.31	28.62	0.31	3.50	633.21
	3/6/2002			0.00	3.00	636.21
	3/11/2002			0.00	2.00	638.21
	3/21/2002			0.00	5.00	643.21
	3/28/2002	28.51	28.64	0.13	3.00	646.21
	4/4/2002			0.00	2.50	648.71
	4/12/2002			0.00	3.44	652.15
	4/19/2002			0.00	4.00	656.15
	4/25/2002			0.00	4.37	660.52
	5/3/2002			0.00	4.23	664.75
	5/15/2002	28.48	28.87	0.39	3.95	668.70
	5/31/2002			0.00	5.00	673.70
	6/7/2002			0.00	2.50	676.20
	6/14/2002			0.00	2.00	678.20
	6/21/2002			0.00	2.10	680.30
	6/27/2002			0.00	0.00	680.30
	7/2/2002			0.00	0.00	680.30
	7/11/2002			0.00	0.00	680.30
	8/28/2002			0.00	0.00	680.30
	9/6/2002			0.00	0.00	680.30
	9/10/2002			0.00	0.33	680.63
	9/13/2002	29.20	31.17	1.97	0.00	680.63
	9/19/2002	28.45	30.82	2.37	3.00	683.63
	10/4/2002			0.00	0.33	683.96
	10/10/2002			0.00	0.33	684.29
	10/15/2002			0.00	0.25	684.54
	10/23/2002			0.00	0.25	684.79
	10/30/2002			0.00	0.25	685.04
	12/4/2002	28.37	29.07	0.70	0.50	685.54
	1/7/2003			0.00	0.00	685.54
	1/22/2003			0.00	28.50	714.04
	1/29/2003			0.00	0.75	714.79
	2/5/2003			0.00	2.00	716.79
	2/12/2003			0.00	1.38	718.16
	2/20/2003			0.00	0.17	718.34
	2/28/2003			0.00	0.00	718.34
	3/6/2003			0.00	1.38	719.71
	3/12/2003			0.00	0.98	720.69
	3/19/2003			0.00	1.38	722.07

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
<b>MW01</b>	3/26/2003			0.00	0.60	722.66
	4/2/2003			0.00	1.96	724.63
	4/10/2003			0.00	1.57	726.20
	4/18/2003	28.44	29.29	0.85	0.00	726.20
	4/28/2003			0.00	1.18	727.38
	5/7/2003			0.00	1.18	728.56
	5/13/2003			0.00	1.00	729.56
	5/21/2003			0.00	0.69	730.25
	5/27/2003			0.00	1.47	731.72
	6/3/2003			0.00	0.98	732.70
	6/9/2003			0.00	1.18	733.87
	6/16/2003			0.00	0.00	733.87
	6/19/2003	29.19	29.41	0.22	0.00	733.87
	6/23/2003			0.00	1.77	735.64
	7/1/2003			0.00	0.00	735.64
	7/10/2003			0.00	2.00	737.64
	7/15/2003			0.00	0.79	738.43
	7/21/2003			0.00	0.88	739.31
	7/29/2003			0.00	0.19	739.50
	8/4/2003			0.00	0.00	739.50
	8/11/2003			0.00	3.96	743.46
	8/18/2003			0.00	2.85	746.31
	8/25/2003			0.00	1.57	747.88
	9/2/2003			0.00	2.78	750.66
	9/8/2003			0.00	1.37	752.03
	9/15/2003			0.00	2.16	754.19
	9/22/2003	28.31	28.64	0.33	0.25	754.44
	9/29/2003			0.00	1.77	756.21
	10/6/2003			0.00	1.57	757.78
	10/13/2003			0.00	0.78	758.56
	10/20/2003			0.00	2.55	761.11
	10/27/2003			0.00	0.55	761.66
	11/3/2003			0.00	0.79	762.45
	11/10/2003			0.00	0.79	763.24
	11/17/2003			0.00	0.79	764.03
	11/26/2003			0.00	1.18	765.21
	12/4/2003			0.00	0.30	765.51
	12/9/2003			0.00	0.79	766.30
	12/15/2003	28.04	28.24	0.20	0.13	766.43

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW01	1/2/2004			0.00	0.20	766.63
	1/11/2004			0.00	0.59	767.22
	1/16/2004			0.00	0.00	767.22
	1/23/2004			0.00	0.59	767.81
	1/30/2004			0.00	0.10	767.91
	2/6/2004			0.00	0.49	768.40
	2/12/2004			0.00	0.20	768.60
	2/18/2004			0.00	0.59	769.19
	2/27/2004	28.19	28.21	0.02	0.20	769.39
	3/16/2004	28.08	28.13	0.05	0.79	770.18
	4/13/2004			0.00	1.87	772.05
	5/10/2004			0.00	1.87	773.92
	6/2/2004			0.00	1.37	775.29
	6/9/2004	28.03	28.27	0.24	0.00	775.29
	7/26/2004	27.95	28.48	0.53	0.50	775.79
	8/16/2004			0.00	0.79	776.58
	9/9/2004			0.00	1.37	777.95
	9/10/2004	27.82	27.89	0.07	0.00	777.95
	10/11/2004			0.00	0.79	778.74
	11/17/2004			0.00	0.39	779.13
	12/13/2004			0.00	0.49	779.62
	12/14/2004	27.67	27.68	0.01	0.00	779.62
	12/18/2004	27.67	27.71	0.04	0.00	779.62
	1/17/2005			0.00	0.58	780.20
	2/15/2005			0.00	0.58	780.78
	3/16/2005			0.00	0.59	781.37
	3/17/2005	27.65	27.83	0.18	0.00	781.37
	4/15/2005	27.72	28.03	0.31	0.22	781.59
	5/17/2005	27.35	27.78	0.43	0.36	781.95
	6/17/2005			0.00	2.15	784.10
	6/23/2005	27.21	27.23	0.02	0.00	784.10
	7/19/2005			0.00	0.00	784.10
	8/22/2005			0.00	0.10	784.20
	9/12/2005	26.52	26.56	0.04	0.88	785.08
	10/28/2005		26.27	0.00	0.00	785.08
	11/18/2005		26.26	0.00	0.00	785.08
	12/22/2005		26.09	0.00	0.00	785.08
	1/18/2006		26.02	0.00	0.00	785.08
	2/21/2006		26.14	0.00	0.00	785.08

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW01	3/25/2006		26.20	0.00	0.00	785.08
	4/28/2006		26.34	0.00	0.00	785.08
	5/23/2006		26.39	0.00	0.00	785.08
	6/14/2006		26.33	0.00	0.00	785.08
	7/21/2006		26.38	0.00	0.00	785.08
	8/24/2006		26.29	0.00	0.00	785.08
	9/25/2006		26.30	0.00	0.00	785.08
MW03	3/12/2001	27.84	29.18	1.34	1.00	1.00
	4/6/2001	27.86	29.27	1.41	1.00	2.00
	6/5/2001	28.06	29.48	1.42	1.00	3.00
	6/14/2001	27.98	29.41	1.43	1.25	4.25
	6/22/2001			0.00	1.00	5.25
	6/28/2001	28.15	29.57	1.42	1.25	6.50
	7/6/2001	28.06	29.41	1.35	1.25	7.75
	7/11/2001	28.26	29.61	1.35	1.25	9.00
	7/20/2001	28.13	29.43	1.30	1.25	10.25
	7/26/2001			0.00	1.25	11.50
	8/2/2001	28.22	29.50	1.28	1.25	12.75
	8/8/2001	28.16	29.40	1.24	1.25	14.00
	8/16/2001	28.21	29.46	1.25	1.25	15.25
	8/20/2001	28.31	29.61	1.30	1.25	16.50
	8/31/2001	28.17	29.47	1.30	1.25	17.75
	9/6/2001	28.31	29.62	1.31	1.25	19.00
	9/17/2001	28.34	29.62	1.28	1.25	20.25
	9/25/2001	28.22	29.48	1.26	1.25	21.50
	10/3/2001	28.25	29.47	1.22	1.25	22.75
	10/11/2001	28.23	29.50	1.27	1.25	24.00
	12/4/2001	28.55	29.89	1.34	1.25	25.25
	12/13/2001	28.54	29.89	1.35	1.25	26.50
	12/21/2001	28.36	29.63	1.27	1.25	27.75
	12/28/2001	28.43	29.68	1.25	1.25	29.00
	1/4/2002	28.39	29.63	1.24	1.25	30.25
	1/8/2002	28.41	29.59	1.18	1.25	31.50
	1/17/2002	28.70	30.00	1.30	1.25	32.75
	1/23/2002	28.70	28.71	0.01	1.25	34.00
	1/31/2002	28.68	28.70	0.02	2.50	36.50
	2/7/2002	28.70	30.00	1.30	1.25	37.75
	2/14/2002	27.80	28.80	1.00	1.25	39.00
	2/20/2002	28.74	28.76	0.02	1.25	40.25

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW03	2/28/2002	28.64	29.82	1.18	1.25	41.50
	3/6/2002	28.55	29.72	1.17	1.25	42.75
	3/11/2002	28.72	29.90	1.18	1.25	44.00
	3/21/2002	28.61	29.82	1.21	1.25	45.25
	3/28/2002	28.57	29.74	1.17	1.25	46.50
	4/4/2002	28.66	29.84	1.18	1.25	47.75
	4/12/2002	28.93	30.28	1.35	1.00	48.75
	4/19/2002	28.93	30.25	1.32	1.00	49.75
	4/25/2002	28.93	30.24	1.31	1.00	50.75
	5/3/2002		28.96	0.00	1.00	51.75
	5/15/2002	28.69	29.86	1.17	1.25	53.00
	5/24/2002	28.53	29.53	1.00	0.00	53.00
	5/31/2002	28.72	29.96	1.24	1.25	54.25
	6/7/2002	28.72	29.91	1.19	1.25	54.25
	6/14/2002	28.97	30.31	1.34	0.25	54.50
	6/21/2002	29.32	30.54	1.22	1.25	55.75
	6/27/2002	29.30	30.65	1.35	1.25	57.00
	7/2/2002	29.25	30.56	1.31	1.25	58.25
	7/11/2002	29.31	30.66	1.35	1.25	59.50
	7/22/2002	29.17	30.54	1.37	1.50	61.00
	7/25/2002	29.25	30.40	1.15	1.25	62.25
	7/31/2002	29.04	30.38	1.34	1.50	63.75
	8/8/2002	29.13	30.15	1.03	0.50	64.25
	8/16/2002	29.30	35.25	5.95	2.00	66.25
	8/22/2002	28.74	30.07	1.33	1.00	67.25
	8/28/2002	28.78	29.75	0.97	0.00	67.25
	9/6/2002	28.98	30.03	1.06	0.00	67.25
	9/10/2002			0.00	2.00	69.25
	9/13/2002	28.63	29.29	0.66	0.00	69.25
	9/19/2002	29.42	30.43	1.01	1.00	70.25
	9/25/2002	29.40	30.28	0.88	0.25	70.50
	10/4/2002	29.34	30.19	0.85	1.50	72.00
	10/10/2002	29.45	30.32	0.86	1.50	73.50
	10/15/2002	29.50	30.28	0.79	1.50	75.00
	10/23/2002	29.66	30.32	0.66	1.50	76.50
	10/30/2002	29.32	30.58	1.26	1.25	77.75
	11/8/2002	29.36	30.58	1.22	1.50	79.25
	11/21/2002	29.45	30.45	1.00	1.50	80.75
	12/4/2002	29.48	30.47	0.99	1.75	82.50

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW03	12/10/2002	29.48	30.23	0.75	0.75	83.25
	12/18/2002	29.38	30.28	0.90		83.25
	12/27/2002	29.45	30.21	0.76	0.50	83.75
	1/7/2003	29.45	30.26	0.81	0.00	83.75
	1/22/2003	28.75	29.46	0.71	1.00	84.75
	1/29/2003	28.76	29.34	0.58	0.75	85.50
	2/5/2003	28.29	28.77	0.48	0.66	86.16
	2/12/2003	28.78	29.33	0.55	0.80	86.96
	2/20/2003	28.77	29.33	0.56	1.00	87.96
	2/28/2003	28.80	29.31	0.51	0.60	88.56
	3/2/2003	28.81	29.27	0.46	0.50	89.06
	3/6/2003	28.79	29.31	0.52	0.75	89.81
	3/19/2003	28.82	29.30	0.48	0.50	90.31
	3/26/2003	28.82	29.33	0.51	0.33	90.64
	4/2/2003	28.80	29.33	0.53	0.50	91.14
	4/10/2003	28.84	29.32	0.48	0.33	91.47
	4/18/2003	28.85	29.29	0.44	0.30	91.77
	4/28/2003	28.86	29.19	0.33	0.20	91.97
	5/7/2003	28.83	29.25	0.42	0.30	92.27
	5/13/2003	28.85	29.27	0.42	0.30	92.57
	5/21/2003	28.86	29.29	0.43	0.30	92.87
	5/27/2003	28.85	29.21	0.36	0.25	93.12
	6/3/2003	28.84	29.23	0.39	0.33	93.45
	6/9/2003	28.84	29.20	0.36	0.33	93.78
	6/16/2003	28.82	29.20	0.38	0.25	94.03
	6/19/2003	28.86	29.16	0.30	0.00	94.03
	6/23/2003	28.83	29.23	0.40	0.25	94.28
	7/1/2003	29.78	29.85	0.07	0.30	94.58
	7/10/2003	29.96	30.39	0.43	0.00	94.58
	7/15/2003	30.12	30.29	0.17	0.40	94.98
	7/21/2003	30.11	30.24	0.13	0.40	95.38
	7/29/2003	29.89	30.14	0.25	0.40	95.78
	8/4/2003	29.62	29.94	0.32	0.36	96.14
	8/11/2003	30.02	30.09	0.07	0.86	97.00
	8/18/2003	30.01	30.09	0.08	0.59	97.59
	8/25/2003	30.00	30.09	0.09	0.53	98.12
	9/2/2003	30.03	30.12	0.09	0.49	98.62
	9/8/2003	30.05	30.15	0.10	0.38	98.99
	9/15/2003	29.97	30.05	0.08	0.47	99.46

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW03	9/22/2003	28.70	29.14	0.44	0.33	99.79
	9/29/2003	29.95	29.98	0.03	0.73	100.52
	10/6/2003	29.94	30.00	0.06	0.31	100.84
	10/13/2003	29.89	29.95	0.06	0.42	101.26
	10/20/2003	29.80	29.86	0.06	0.38	101.63
	10/27/2003	29.80	29.85	0.05	0.59	102.23
	11/3/2003	29.80	29.83	0.03	0.16	102.38
	11/10/2003	29.65	29.66	0.01	0.16	102.54
	11/17/2003	29.31	29.32	0.01	0.03	102.57
	11/26/2003	29.31	29.32	0.01	0.01	102.58
	12/4/2003		29.23	0.00	0.00	102.58
	12/9/2003		29.24	0.00	0.00	102.58
	12/15/2003		28.40	0.00	0.00	102.58
	1/2/2004		28.42	0.00	0.00	102.58
	1/11/2004	28.36	28.37	0.01	0.00	102.58
	1/16/2004	28.25	28.25	0.00	0.00	102.59
	1/23/2004		28.22	0.00	0.00	102.59
	1/30/2004	28.22	28.22	0.00	0.00	102.59
	2/6/2004		28.23	0.00	0.00	102.59
	2/12/2004		28.20	0.00	0.00	102.59
	2/18/2004		28.17	0.00	0.00	102.59
	2/27/2004		28.20	0.00	0.00	102.59
	3/16/2004		28.21	0.00	0.00	102.59
	4/13/2004		28.19	0.00	0.00	102.59
	5/10/2004		28.22	0.00	0.00	102.59
	6/2/2004		28.19	0.00	0.00	102.59
	6/9/2004		28.21	0.00	0.00	102.59
	7/26/2004		28.08	0.00	0.00	102.59
	8/16/2004		28.08	0.00	0.00	102.59
	9/9/2004		28.02	0.00	0.00	102.59
	9/10/2004		28.03	0.00	0.00	102.59
	10/11/2004		27.96	0.00	0.00	102.59
	11/17/2004		27.87	0.00	0.00	102.59
	12/13/2004		27.87	0.00	0.00	102.59
	12/14/2004		27.83	0.00	0.00	102.59
	1/17/2005		27.78	0.00	0.00	102.59
	2/15/2005		27.74	0.00	0.00	102.59
	3/16/2005		27.72	0.00	0.00	102.59
	3/17/2005		27.69	0.00	0.00	102.59

**TABLE 2**  
**SUMMARY OF FREE-PRODUCT REMOVAL**  
**JAMES F. BELL #1E (METER #94715)**

Monitoring Well	Removal Date	Depth to Product (feet btoc)	Depth to Water (feet btoc)	Product Thickness (feet)	Volume Removed (gallons)	Cumulative Volume of Product Removed (gallons)
MW03	4/15/2005		27.69	0.00	0.00	102.59
	5/17/2005		27.38	0.00	0.00	102.59
	6/23/2005		27.18	0.00	0.00	102.59
	7/19/2005		27.07	0.00	0.00	102.59
	8/22/2005		26.87	0.00	0.00	102.59
	9/13/2005		26.78	0.00	0.00	102.59
	10/28/2005		26.43	0.00	0.00	102.59
	11/18/2005		26.44	0.00	0.00	102.59
	12/22/2005		26.36	0.00	0.00	102.59
	1/18/2006		23.36	0.00	0.00	102.59
	2/21/2006		26.52	0.00	0.00	102.59
	3/25/2006		26.60	0.00	0.00	102.59
	4/28/2006		26.73	0.00	0.00	102.59
	5/23/2006		26.78	0.00	0.00	102.59
	6/14/2006		26.71	0.00	0.00	102.59