

AP - 0/3

ANNUAL MONITORING REPORT

YEAR(S):
2005

2005
ANNUAL MONITORING REPORT

AP-13

TNM 97-18

SW ¼ NE ¼ of SECTION 28, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: TNM 97-18-KNOWN
NMOCD Reference AP-0013

*Report is on the
L- Drive*

PREPARED FOR:

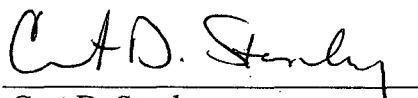
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March 2006


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2005 Annual Monitoring Report

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2005 Figures 1, 2A-2B, and 3A-3B

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Tables

Historic BTEX Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA, having previously been managed by Environmental Technology Group, Inc. (ETGI). The TNM 97-18 pipeline release site (the site), formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2005 only. Historic data is provided on the enclosed data disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2005 to assess the extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitor event consisted of measuring static water levels in the monitor wells, checking for the presence of PSH on the water column and the purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The TNM 97-18 release occurred on September 10, 1997. The site is located south of Monument, New Mexico in the southwest $\frac{1}{4}$ of the northeast $\frac{1}{4}$ of Section 28, Township 20 South, Range 37 East. According to Form C-141, an estimated 83 barrels of crude oil was released from the 16-inch pipeline of which none was recovered. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A. Previous consultants reported approximately 799 cubic yards of impacted soil was excavated from the area around the release point and stockpiled on site.

Currently there are twenty seven (27) monitor wells (MW-1 through MW-30 excluding MW-13, MW-19, and MW-29) and two (2) recovery wells (RW-1 and RW-2) onsite. A pneumatic product recovery system is operating onsite incorporating three monitor wells (MW-4, MW-5 and MW-7). Manual product recovery has been conducted at monitor wells MW-4, MW-5, MW-7, and MW-10 and on recovery wells RW-1 and RW-2 during the 2005 calendar year.

FIELD ACTIVITIES

A measurable thickness of PSH was present in eight (8) monitor wells (MW-2 through MW-7, MW-10, and MW-14) and the two (2) recovery wells (RW-1 and RW-2) during the reporting period. The average thickness of PSH in monitor wells and recovery wells displaying PSH was 0.33 feet. The maximum thickness of PSH in monitor wells and recovery wells was 2.04 feet as recorded in monitor well MW-10 on February 15, 2005. PSH data for the 2005 gauging events can be found in Table 1. Approximately 10.75 gallons of PSH was recovered from the site

during the 2005 reporting period. A total of approximately 1,062 gallons (25.3 barrels) of PSH has been recovered since the start of product inception.

Quarterly monitoring events for the reporting period were performed according to the following reduced sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated June 22, 2005.

NMOCD APPROVED SAMPLING SCHEDULE					
Location	Schedule	Location	Schedule	Location	Schedule
MW-1	Annually	MW-12	Annually	MW-23	Quarterly
MW-2	Quarterly	MW-13	Plugged and Abandoned	MW-24	Quarterly
MW-3	Quarterly	MW-14	Annually	MW-25	Quarterly
MW-4	Quarterly	MW-15	Annually	MW-26	Annually
MW-5	Quarterly	MW-16	Annually	MW-27	Quarterly
MW-6	Quarterly	MW-17	Quarterly	MW-28	Semi-Annually
MW-7	Quarterly	MW-18	Quarterly	MW-29	Plugged and Abandoned
MW-8	Annually	MW-19	Plugged and Abandoned	MW-30	Semi-Annually
MW-9	Annually	MW-20	Annually		
MW-10	Quarterly	MW-21	Annually	RW-1	Quarterly
MW-11	Annually	MW-22	Annually	RW-2	Quarterly

The site monitor wells were gauged and sampled on March 19, June, 17, September 22, and December 20, 2005. During each sampling event, monitor wells were purged of approximately three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos Pump and dedicated tubing. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Key Energy utilizing a licensed disposal facility (NMOCD AO SWD-730).

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2005, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2005 is provided as Table 1. Historic groundwater elevation data beginning at project inception is enclosed on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.008 feet/foot to the southeast as measured between MW-9 and MW-28. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3468.75 to 3475.53 feet above mean sea level, in monitor wells MW-27 on March 10, 2005 and in MW-6 on February 2, 2005, respectively.

LABORATORY RESULTS

Monitor wells MW-4, MW-5, MW-7 and MW-10 contained measurable PSH throughout the reporting period and were not sampled. Monitor well MW-2 contained measurable PSH during

the second, third and fourth quarter of 2005 and was not sampled during these quarters. Monitor well MW-3 contained measurable PSH during the third quarter and was not sampled third quarter. Recovery wells RW-1 and RW-2 contained measurable PSH during the second, third and fourth quarters of 2005 and were not sampled in these quarters.

All groundwater samples collected during the reporting period were delivered to TraceAnalysis, Inc. in Lubbock, Texas for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis using EPA Method SW 846-8021b. Analytical results of BTEX constituent concentrations for 2005 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2005 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

Review of laboratory analytical results of the groundwater samples obtained from the thirty two (32) wells (including monitor wells MW-13, MW-19 and MW-29 which were plugged and abandoned in September 2005) present at the site during the 2005 monitoring period indicate that benzene and BTEX constituent concentrations were below NMOCD regulatory standards in seventeen wells (MW- 1, MW-8, MW-9, MW-11 through MW-16, MW-19 through MW-22, MW-26, MW-27, MW-29, and MW-30). Of these seventeen (17) wells, monitor wells MW-13, MW-19, and MW-29 were plugged and abandoned on September 13, 2005. Four (4) monitor wells (MW-4, MW-5, MW-7, and MW-10) contained PSH during each quarterly sampling event and were not sampled. Analytical results indicate six (6) monitor and recovery wells (MW-2, MW-3, MW-23, MW-25, MW-28, and RW-2) displayed benzene concentrations above the NMOCD regulatory standard while total BTEX constituent concentrations were below the NMOCD regulatory standard. The remaining five (5) monitor and recovery wells (MW-6, MW-17, MW-18, MW-24, and RW-1) displayed benzene and total BTEX constituent concentrations above the appropriate NMOCD regulatory standard.

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater standards found in section 20.6.2.3103 of the New Mexico Administrative Code.

SUMMARY

This report presents the results of monitoring activities for the 2005 annual monitoring period. Currently, there are twenty seven (27) groundwater monitor wells (MW-1 through MW-30, excluding MW-13, MW-19, and MW-29) and two (2) product recovery wells (RW-1 and RW-2) on-site. Manual product recovery occurs on a bi-weekly schedule. Groundwater elevation contours generated from water level measurements acquired indicated a general gradient of approximately 0.008 feet/foot to the southeast.

As discussed above, eight (8) monitor wells and two (2) recovery wells contained measurable PSH thicknesses in 2005. Approximately 10.75 gallons of PSH was recovered from the site during the 2005 reporting period. A total of approximately 1,062 gallons (25.3 barrels) of PSH has been recovered since product inception. The average thickness of PSH in monitor wells and recovery wells during the reporting period was 0.33 feet.

Four (4) monitor wells contained PSH during each sampling event of 2005 and were not sampled. Two (2) monitor wells and two (2) recovery wells contained PSH during at least one quarterly sampling event and were not sampled during those quarters. Seventeen (17) monitor well locations exhibited benzene and total BTEX constituent concentrations below the NMOCD regulatory standards. Six (6) locations exhibited benzene concentrations above the NMOCD regulatory standard while total BTEX constituent concentrations were below the NMOCD regulatory standard. The remaining five (5) locations exhibited concentrations of both benzene and total BTEX constituent concentrations above the appropriate NMOCD regulatory standards.

ANTICIPATED ACTIONS

A Site Restoration Work Plan and Proposed Soil Closure Strategy will be submitted to the NMOCD in 2006, to address the impacted and/or excavated soil remaining on site. Any soil proposals will be addressed under separate cover from this report and will be submitted to the NMOCD prior to the commencement of excavation or backfilling activities.

LIMITATIONS

NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA and/or Plains.

DISTRIBUTION

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Santa Fe, NM 87505
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New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
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Hobbs, NM 88240
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Figures

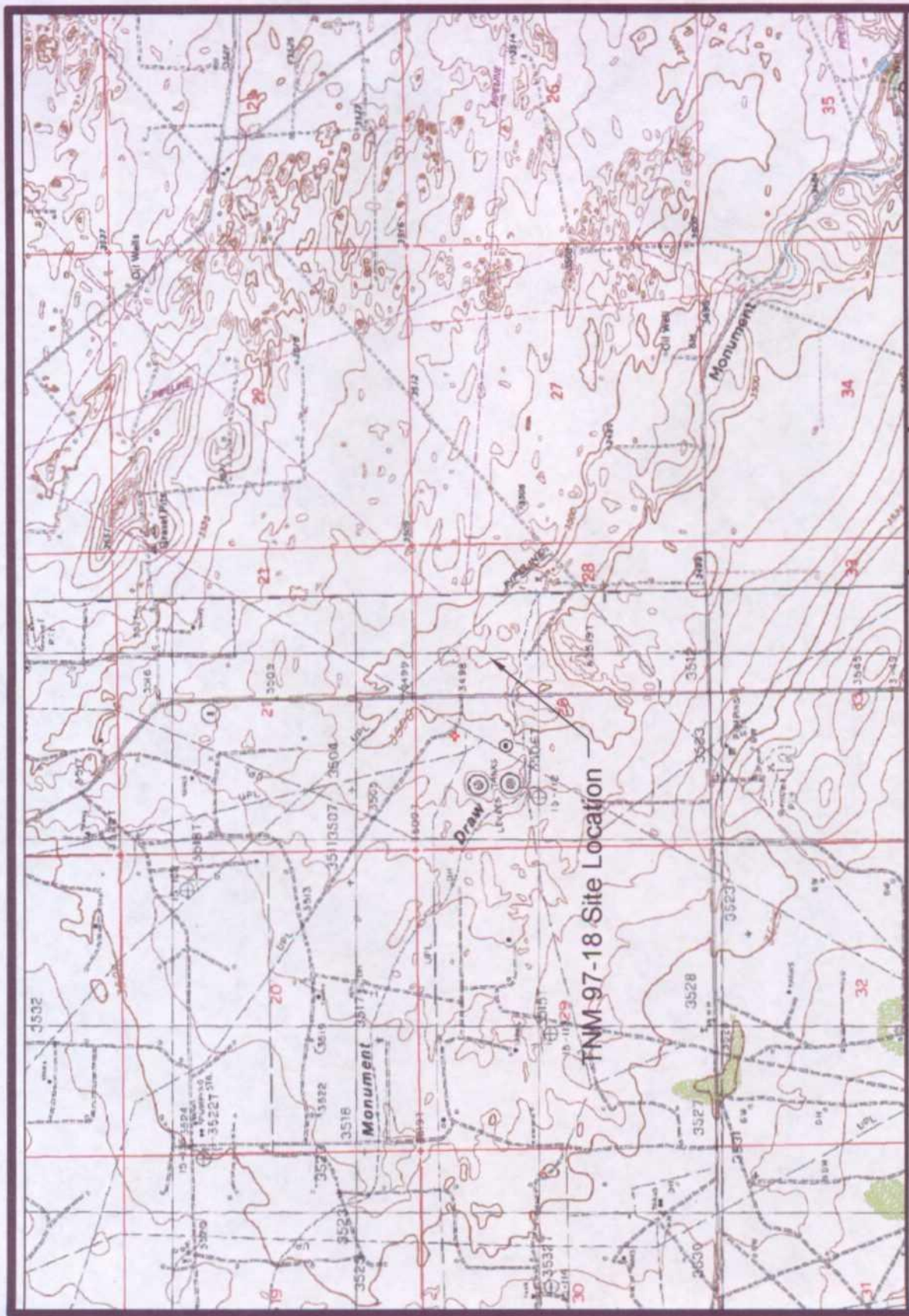
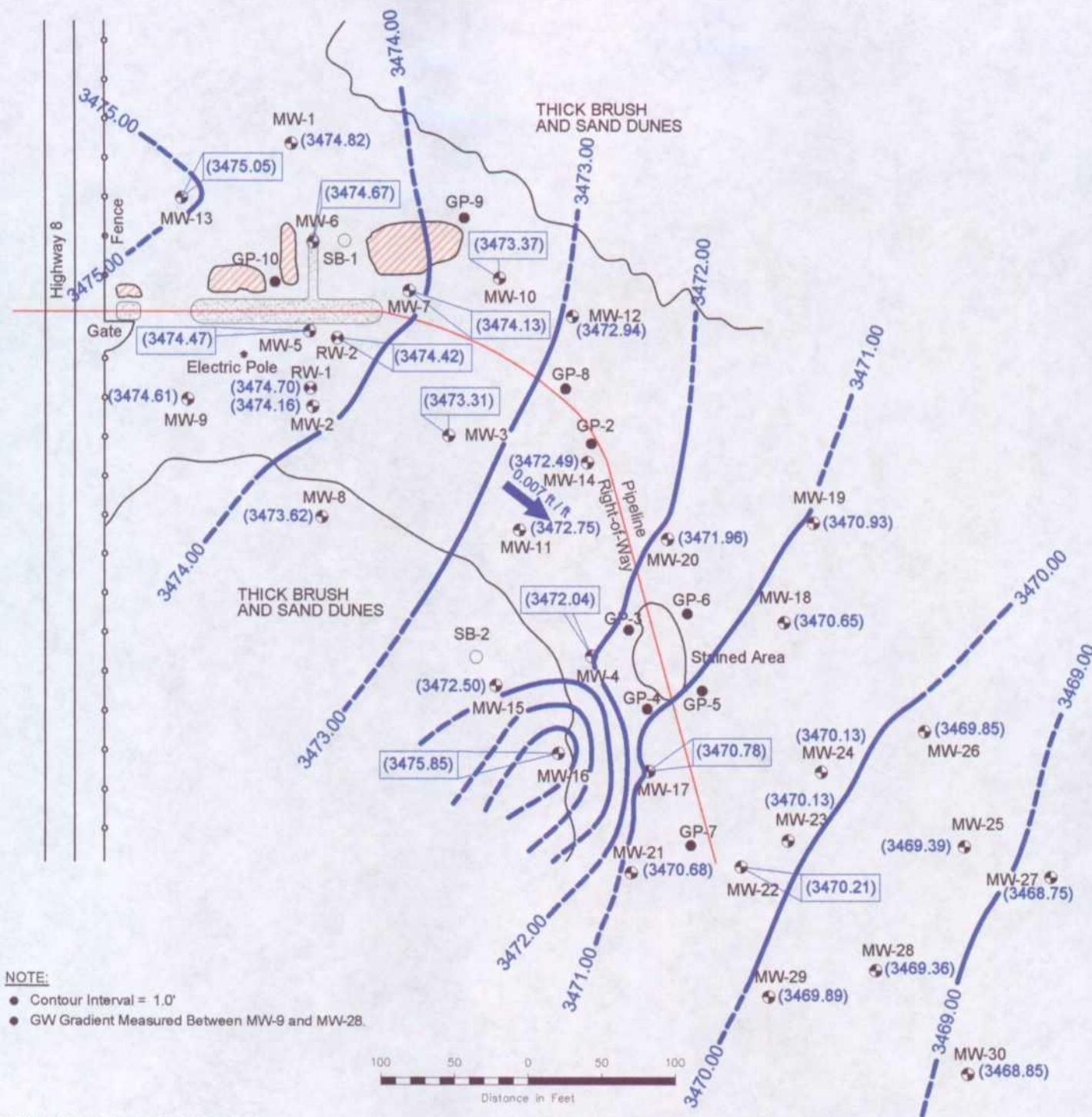
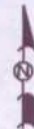


Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-18
Plains EM58 TNM 97-18
Las County, NM

NOVA Safety and Environmental



U.S. 40° 22' 27" Long 103° 18' 22"
Scale: 1" = 1 Mile
Prep By: CDS
Checked By: CDS
November 21, 2005



LEGEND:

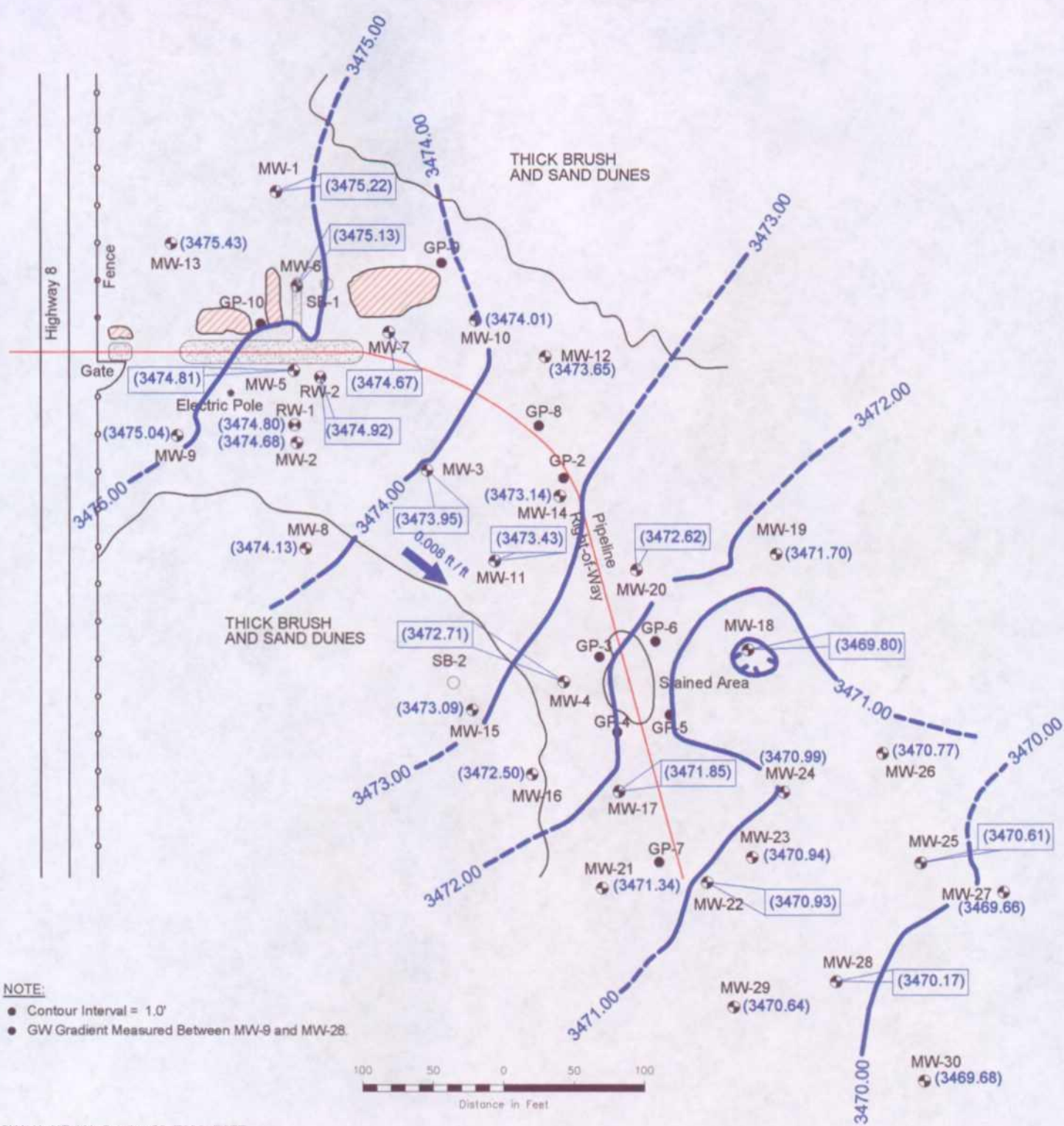
- | | | |
|---------------------|--|------------------|
| ● Monitor Well | — Pipeline | ▨ Stockpile Soil |
| ⊕ Recovery Well | — Groundwater Contour Line | ▨ Excavated Area |
| ○ Soil Boring | (3473.37) Groundwater Elevation (feet) | |
| ● Geoprobe Location | 0.007 ft/ft | |
| | → Groundwater Gradient Direction and Magnitude | |

Figure 2A
Inferred Groundwater
Gradient Map
(3/10/05)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM

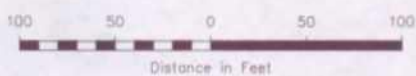
NOVA Safety and Environmental



Scale: 1" = 100'	Prep By: DPM	Checked By: CDS
May 12, 2005		



NOTE:
● Contour Interval = 1.0'
● GW Gradient Measured Between MW-9 and MW-28.



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	
	Monitor Well
	Recovery Well
	Soil Boring
	Geoprobe Location
	Pipeline
	Groundwater Contour Line
	(3473.85) Groundwater Elevation (feet)
	0.008 ft/ft Groundwater Gradient Direction and Magnitude
	Stockpile Soil
	Excavated Area

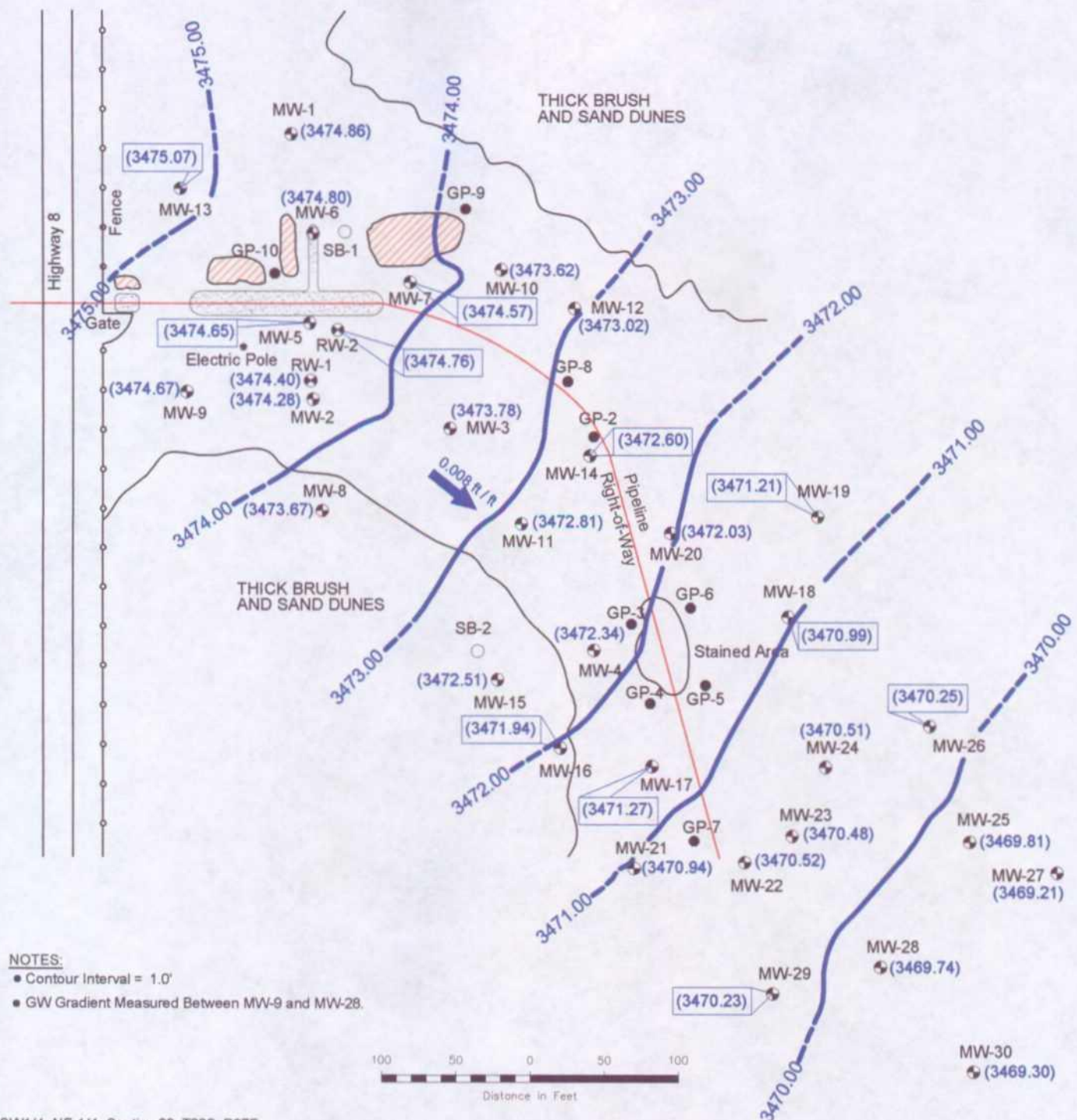
Figure 2B
Inferred Groundwater
Gradient Map
(6/10/05)
Plains Marketing, L.P.
T20S R37E-18
Lee County, NM

NOVA Safety and Environmental

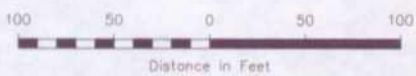


Scale: 1" = 100'
June 25, 2005

Prep By: DPM
Checked By: CDS



NOTES:
• Contour Interval = 1.0'
• GW Gradient Measured Between MW-9 and MW-28.



SW1/4, NE 1/4, Section 28, T20S, R37E

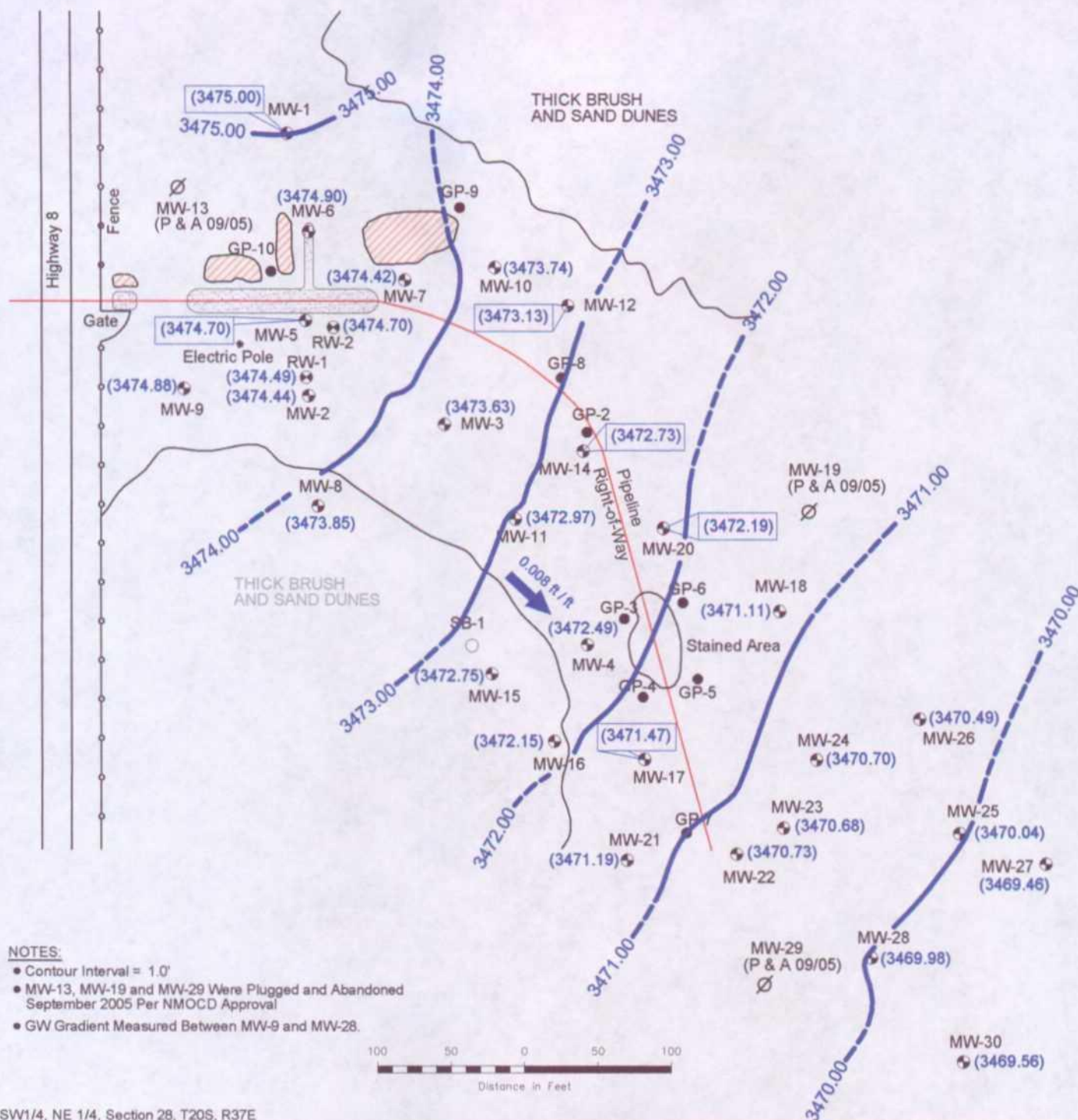
LEGEND:	
	Monitor Well
	Recovery Well
	Soil Boring
	Geoprobe Location
	Pipeline
	Groundwater Contour Line
	(3472.81) Groundwater Elevation (feet)
	0.008 R/L Groundwater Gradient Direction and Magnitude
	Stockpile Soil
	Excavated Area

Figure 2C
Inferred Groundwater
Gradient Map
(09/09/05)
Plains Marketing, L.P.
TNM 97-18
Lee County, NM

NOVA Safety and Environmental



Scale: 1" = 100'
Prep By: DPM
Checked By: CDE
February 08, 2006



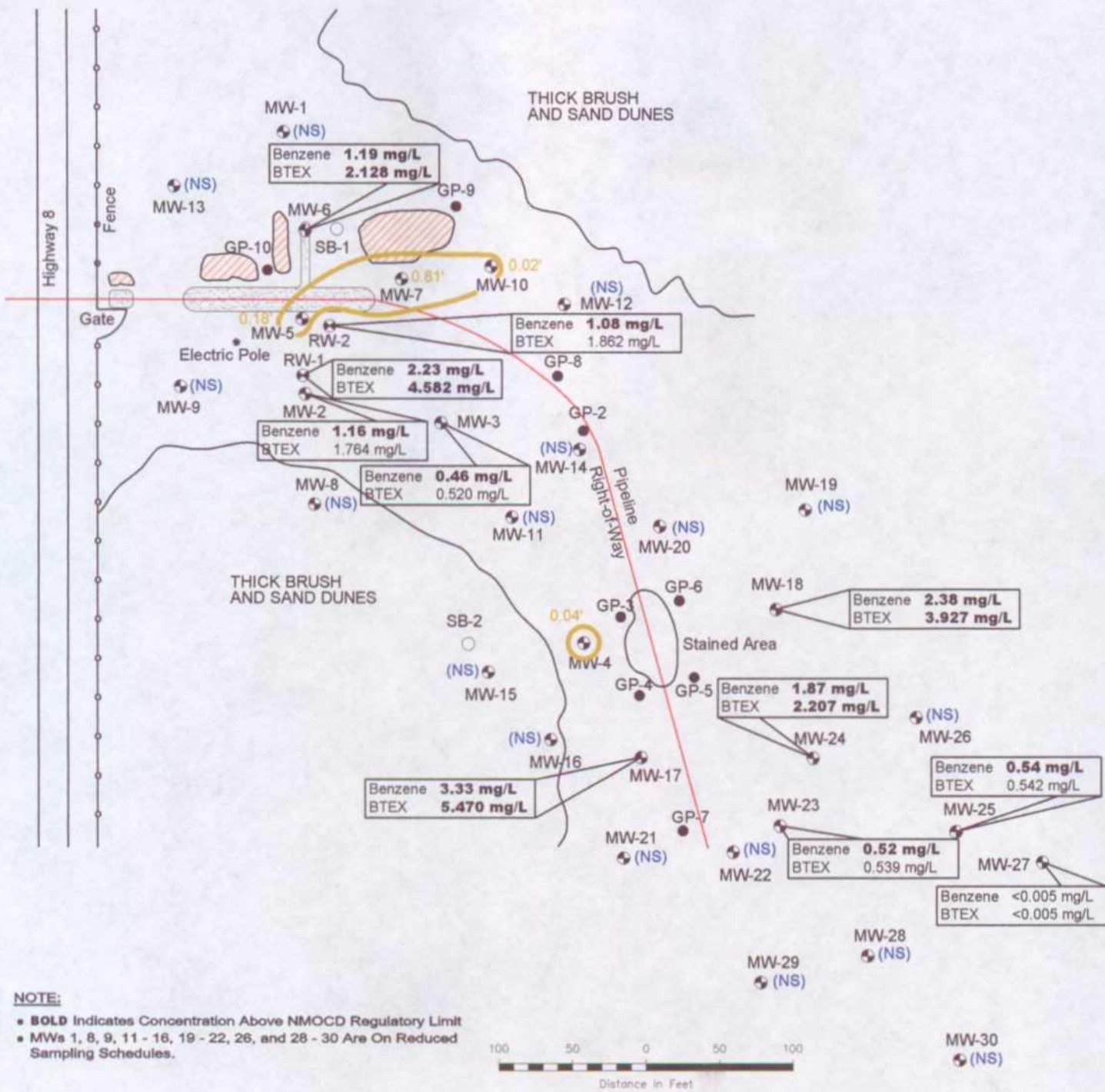
● Monitor Well	— Pipeline	■ Stockpile Soil
● Recovery Well	— Groundwater Contour Line	■ Excavated Area
○ Soil Boring	(3473.74) Groundwater Elevation (feet)	
● Geoprobe Location	0.008 ft./ft.	
⊗ Well Plugged and Abandoned	→ Groundwater Gradient Direction and Magnitude	

Figure 2D
Inferred Groundwater
Gradient Map
(12/05/05)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM



NOVA Safety and Environmental

Scale: 1" = 100'	Prep By: DPM	Checked By: CDE
January 04, 2006		



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:	
	Monitor Well
	Recovery Well
	Soil Boring
	Geoprobe Location
	Stockpile Soil
	Excavated Area
	Pipeline
	Inferred PSH Extent

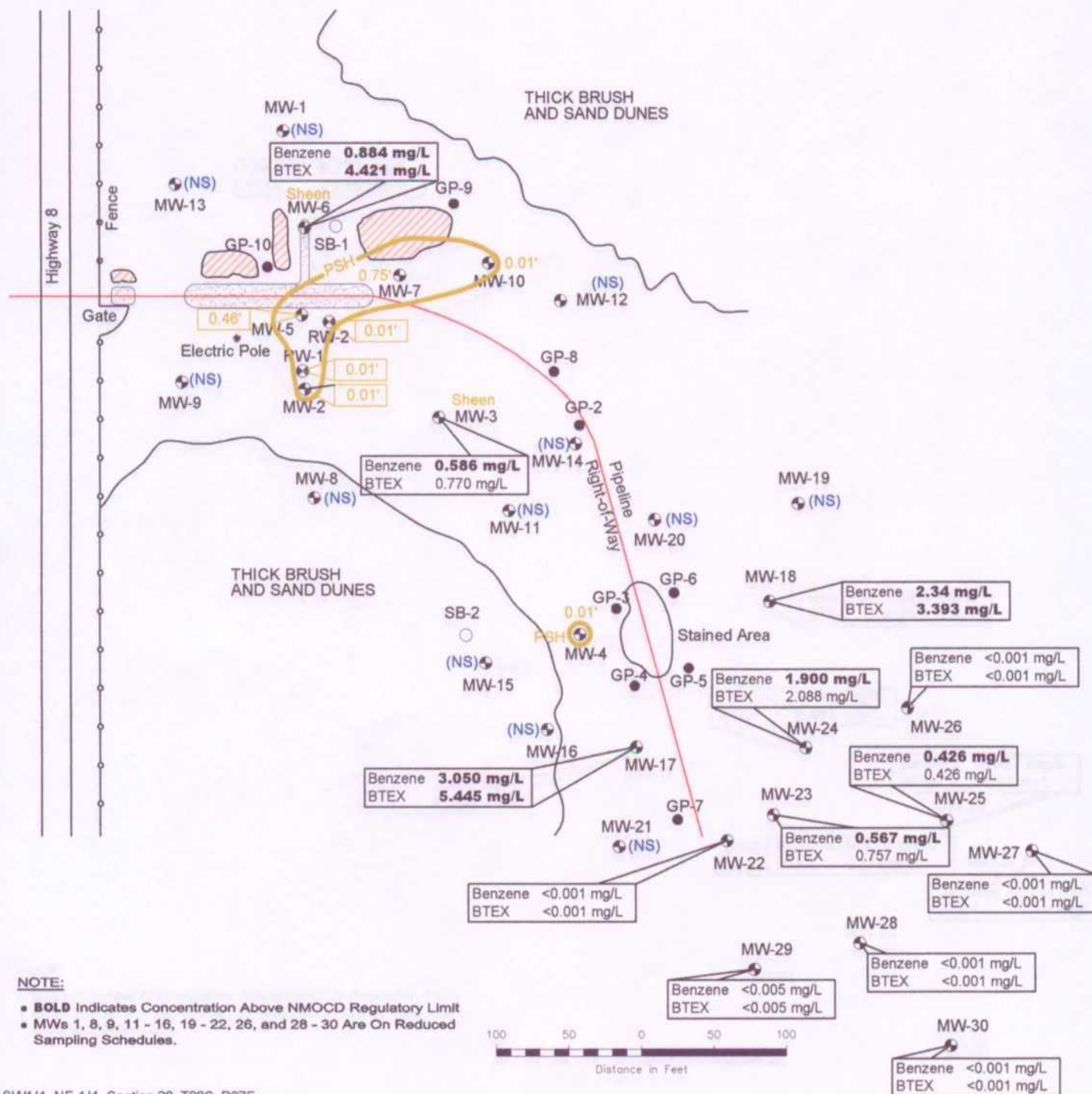
0.04'	Thickness of PSH (feet)
<0.005	Constituent Concentration (mg/L)
(NS)	Not Sampled



Figure 3A
Groundwater Concentration
and Inferred PSH Extent
Map (3/10/06)
Plains Marketing, L.P.
TNM 97-18
Lee County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: DPM Checked By: GSE
May 12, 2005



SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND:

- Monitor Well
- Recovery Well
- Soil Boring
- Geoprobe Location

- Stockpile Soil
- Excavated Area
- Pipeline
- Inferred PSH Extent

- 0.01' Thickness of PSH (feet)
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

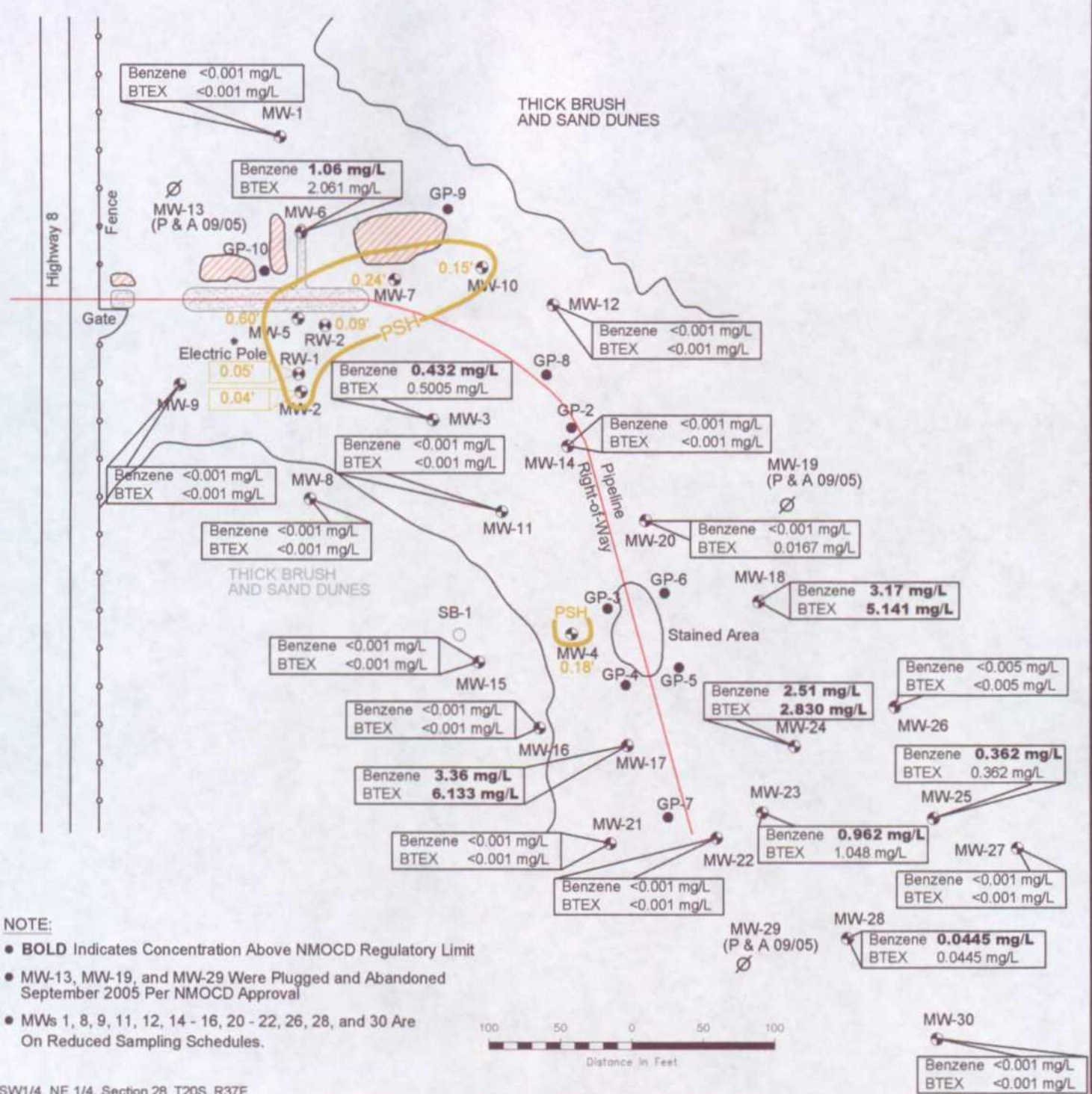


Figure 3B

Groundwater Concentration
and Inferred PSH Extent
Map (6/10/05)
Plains Marketing, L.P.
TNM 97-18
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 100' Prep By: DPM Checked By: CDE
June 24, 2005



NOTE:

- **BOLD** Indicates Concentration Above NMOCD Regulatory Limit
- MW-13, MW-19, and MW-29 Were Plugged and Abandoned September 2005 Per NMOCD Approval
- MWs 1, 8, 9, 11, 12, 14 - 16, 20 - 22, 26, 28, and 30 Are On Reduced Sampling Schedules.

SW1/4, NE 1/4, Section 28, T20S, R37E

LEGEND: - Monitor Well - Recovery Well - Soil Boring - Geoprobe Location - Well Plugged and Abandoned	- Stockpile Soil - Excavated Area - Pipeline - Inferred PSH Extent	0.04' PSH thickness (feet) <0.001 Constituent Concentration (mg/L)	NOVA energy and environment	Figure 3D Groundwater Concentration and Inferred PSH Extent Map (12/06/05) Plains Marketing, L.P. TNM 97-18 Lea County, NM	NOVA Safety and Environmental <table border="1"><tr><td>Scale: 1" = 100'</td><td>Prep By: GPM</td><td>Checked By: MRE</td></tr><tr><td colspan="3">January 04, 2005</td></tr></table>	Scale: 1" = 100'	Prep By: GPM	Checked By: MRE	January 04, 2005		
Scale: 1" = 100'	Prep By: GPM	Checked By: MRE									
January 04, 2005											

Tables

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	03/10/05	3500.17	-	25.35	0.00	3474.82
	06/10/05	3500.17	-	24.95	0.00	3475.22
	09/09/05	3500.17	-	25.31	0.00	3474.86
	12/05/05	3500.17	-	25.17	0.00	3475.00
MW-2	01/11/05	3499.19	sheen	24.61	0.00	3474.58
	01/14/05	3499.19	sheen	25.39	0.00	3473.80
	01/18/05	3499.19	sheen	25.24	0.00	3473.95
	01/21/05	3499.19	sheen	24.14	0.00	3475.05
	01/25/05	3499.19	sheen	25.19	0.00	3474.00
	01/28/05	3499.19	sheen	25.18	0.00	3474.01
	02/02/05	3499.19	sheen	25.24	0.00	3473.95
	02/05/05	3499.19	sheen	25.14	0.00	3474.05
	02/08/05	3499.19	sheen	25.15	0.00	3474.04
	02/11/05	3499.19	sheen	25.11	0.00	3474.08
	02/15/05	3499.19	sheen	25.23	0.00	3473.96
	02/18/05	3499.19	sheen	25.21	0.00	3473.98
	02/22/05	3499.19	sheen	25.11	0.00	3474.08
	02/25/05	3499.19	sheen	25.23	0.00	3473.96
	03/01/05	3499.19	sheen	25.15	0.00	3474.04
	03/04/05	3499.19	sheen	25.23	0.00	3473.96
	03/08/05	3499.19	sheen	25.03	0.00	3474.16
	03/10/05	3499.19	sheen	25.03	0.00	3474.16
	03/11/05	3499.19	sheen	25.05	0.00	3474.14
	03/15/05	3499.19	sheen	25.06	0.00	3474.13
	03/19/05	3499.19	sheen	25.04	0.00	3474.15
	03/22/05	3499.19	sheen	25.08	0.00	3474.11
	03/28/05	3499.19	sheen	24.93	0.00	3474.26
	04/01/05	3499.19	sheen	25.10	0.00	3474.09
	04/05/05	3499.19	sheen	24.95	0.00	3474.24
	04/08/05	3499.19	sheen	24.97	0.00	3474.22
	04/12/05	3499.19	sheen	24.97	0.00	3474.22
	04/15/05	3499.19	sheen	24.95	0.00	3474.24
	05/25/05	3499.19	sheen	24.70	0.00	3474.49
	06/03/05	3499.19	sheen	24.57	0.00	3474.62
	06/06/05	3499.19	sheen	24.56	0.00	3474.63
	06/10/05	3499.19	24.51	24.52	0.01	3474.68
	06/13/05	3499.19	sheen	24.72	0.00	3474.47
	06/20/05	3499.19	sheen	24.72	0.00	3474.47
	06/24/05	3499.19	sheen	24.69	0.00	3474.50
	06/27/05	3499.19	sheen	24.71	0.00	3474.48
	07/18/05	3499.19	sheen	25.04	0.00	3474.15
	07/25/05	3499.19	sheen	25.07	0.00	3474.12
	08/01/05	3499.19	sheen	25.12	0.00	3474.07
	08/04/05	3499.19	sheen	25.13	0.00	3474.06
	08/10/05	3499.19	24.19	24.20	0.01	3475.00

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-2	08/16/05	3499.19	sheen	25.29	0.00	3473.90
	08/23/05	3499.19	25.06	25.08	0.02	3474.13
	08/29/05	3499.19	25.00	25.02	0.02	3474.19
	09/06/05	3499.19	24.94	24.95	0.01	3474.25
	09/09/05	3499.19	24.91	24.93	0.02	3474.28
	09/12/05	3499.19	24.90	24.91	0.01	3474.29
	09/19/05	3499.19	25.11	25.15	0.04	3474.07
	09/27/05	3499.19	24.59	24.74	0.15	3474.58
	10/03/05	3499.19	24.65	24.77	0.12	3474.52
	10/10/05	3499.19	25.02	25.09	0.07	3474.16
	10/17/05	3499.19	25.03	25.09	0.06	3474.15
	10/24/05	3499.19	24.89	24.90	0.01	3474.30
	11/01/05	3499.19	24.84	24.85	0.01	3474.35
	11/08/05	3499.19	24.78	24.81	0.03	3474.41
	11/15/05	3499.19	24.91	24.98	0.07	3474.27
	11/22/05	3499.19	24.79	24.85	0.06	3474.39
	11/27/05	3499.19	24.72	24.78	0.06	3474.46
	12/02/05	3499.19	24.81	24.82	0.01	3474.38
	12/05/05	3499.19	24.74	24.78	0.04	3474.44
	12/07/05	3499.19	24.81	24.82	0.01	3474.38
	12/16/05	3499.19	24.77	24.80	0.03	3474.42
	12/29/05	3499.19	24.70	24.76	0.06	3474.48
MW-3	01/11/05	3500.05	sheen	26.97	0.00	3473.08
	01/14/05	3500.05	sheen	27.00	0.00	3473.05
	01/18/05	3500.05	sheen	27.02	0.00	3473.03
	01/21/05	3500.05	sheen	26.89	0.00	3473.16
	01/25/05	3500.05	sheen	26.93	0.00	3473.12
	01/28/05	3500.05	sheen	26.93	0.00	3473.12
	02/02/05	3500.05	sheen	27.03	0.00	3473.02
	02/05/05	3500.05	sheen	26.87	0.00	3473.18
	02/08/05	3500.05	sheen	26.90	0.00	3473.15
	02/11/05	3500.05	sheen	26.95	0.00	3473.10
	02/15/05	3500.05	sheen	26.93	0.00	3473.12
	02/18/05	3500.05	sheen	26.99	0.00	3473.06
	02/22/05	3500.05	sheen	26.82	0.00	3473.23
	02/25/05	3500.05	sheen	26.92	0.00	3473.13
	03/01/05	3500.05	sheen	26.87	0.00	3473.18
	03/04/05	3500.05	sheen	26.86	0.00	3473.19
	03/08/05	3500.05	sheen	26.74	0.00	3473.31
	03/10/05	3500.05	sheen	26.74	0.00	3473.31
	03/11/05	3500.05	sheen	26.75	0.00	3473.30
	03/15/05	3500.05	sheen	26.73	0.00	3473.32
	03/19/05	3500.05	sheen	26.73	0.00	3473.32
	03/22/05	3500.05	sheen	26.71	0.00	3473.34
	03/28/05	3500.05	sheen	26.65	0.00	3473.40

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-3	04/01/05	3500.05	sheen	26.85	0.00	3473.20
	04/05/05	3500.05	sheen	26.57	0.00	3473.48
	04/08/05	3500.05	sheen	26.58	0.00	3473.47
	04/12/05	3500.05	sheen	26.58	0.00	3473.47
	04/15/05	3500.05	sheen	26.55	0.00	3473.50
	05/25/05	3500.05	sheen	26.25	0.00	3473.80
	06/03/05	3500.05	sheen	26.12	0.00	3473.93
	06/06/05	3500.05	sheen	26.11	0.00	3473.94
	06/10/05	3500.05	-	26.10	0.00	3473.95
	06/13/05	3500.05	sheen	26.33	0.00	3473.72
	06/20/05	3500.05	sheen	26.37	0.00	3473.68
	06/24/05	3500.05	sheen	26.33	0.00	3473.72
	06/27/05	3500.05	sheen	26.34	0.00	3473.71
	07/18/05	3500.05	sheen	26.68	0.00	3473.37
	07/25/05	3500.05	sheen	26.72	0.00	3473.33
	08/01/05	3500.05	sheen	26.82	0.00	3473.23
	08/04/05	3500.05	sheen	26.83	0.00	3473.22
	08/10/05	3500.05	26.84	26.85	0.01	3473.21
	08/16/05	3500.05	sheen	26.98	0.00	3473.07
	08/23/05	3500.05	sheen	26.75	0.00	3473.30
	08/29/05	3500.05	sheen	26.66	0.00	3473.39
	09/06/05	3500.05	sheen	26.62	0.00	3473.43
	09/09/05	3500.05	26.27	26.28	0.01	3473.78
	09/12/05	3500.05	26.58	26.59	0.01	3473.47
	09/19/05	3500.05	sheen	26.81	0.00	3473.24
	09/27/05	3500.05	sheen	26.84	0.00	3473.21
	10/03/05	3500.05	sheen	26.89	0.00	3473.16
	10/10/05	3500.05	sheen	26.73	0.00	3473.32
	10/17/05	3500.05	sheen	26.70	0.00	3473.35
	10/24/05	3500.05	sheen	26.64	0.00	3473.41
	11/01/05	3500.05	sheen	26.59	0.00	3473.46
	11/08/05	3500.05	sheen	26.64	0.00	3473.41
	11/15/05	3500.05	sheen	26.65	0.00	3473.40
	11/22/05	3500.05	sheen	26.49	0.00	3473.56
	11/27/05	3500.05	sheen	26.51	0.00	3473.54
	12/05/05	3500.05	-	26.42	0.00	3473.63
	12/07/05	3500.05	sheen	26.51	0.00	3473.54
	12/16/05	3500.05	sheen	26.40	0.00	3473.65
	12/29/05	3500.05	sheen	26.33	0.00	3473.72
MW-4	02/11/05	3498.38	sheen	26.43	0.00	3471.95
	02/15/05	3498.38	sheen	26.63	0.00	3471.75
	02/18/05	3498.38	sheen	26.90	0.00	3471.48
	02/22/05	3498.38	sheen	26.60	0.00	3471.78
	02/25/05	3498.38	sheen	26.56	0.00	3471.82
	03/01/05	3498.38	sheen	26.47	0.00	3471.91

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-4	03/04/05	3498.38	sheen	26.45	0.00	3471.93
	03/08/05	3498.38	sheen	26.37	0.00	3472.01
	03/10/05	3498.38	26.33	26.37	0.04	3472.04
	03/11/05	3498.38	sheen	26.39	0.00	3471.99
	03/15/05	3498.38	sheen	26.58	0.00	3471.80
	03/19/05	3498.38	sheen	26.35	0.00	3472.03
	03/22/05	3498.38	sheen	26.44	0.00	3471.94
	03/28/05	3498.38	sheen	26.24	0.00	3472.14
	04/01/05	3498.38	sheen	26.77	0.00	3471.61
	04/05/05	3498.38	sheen	26.34	0.00	3472.04
	04/08/05	3498.38	sheen	26.37	0.00	3472.01
	04/12/05	3498.38	sheen	26.33	0.00	3472.05
	04/15/05	3498.38	sheen	26.34	0.00	3472.04
	05/25/05	3498.38	sheen	25.94	0.00	3472.44
	06/03/05	3498.38	sheen	25.92	0.00	3472.46
	06/06/05	3498.38	sheen	25.95	0.00	3472.43
	06/10/05	3498.38	25.67	25.68	0.01	3472.71
	06/13/05	3498.38	sheen	26.03	0.00	3472.35
	06/20/05	3498.38	sheen	26.09	0.00	3472.29
	06/24/05	3498.38	sheen	25.94	0.00	3472.44
	06/27/05	3498.38	sheen	26.06	0.00	3472.32
	07/18/05	3498.38	sheen	26.30	0.00	3472.08
	07/25/05	3498.38	sheen	26.48	0.00	3471.90
	08/01/05	3498.38	sheen	26.78	0.00	3471.60
	08/04/05	3498.38	sheen	26.72	0.00	3471.66
	08/10/05	3498.38	26.58	26.59	0.01	3471.80
	08/16/05	3498.38	sheen	26.75	0.00	3471.63
	08/23/05	3498.38	sheen	26.29	0.00	3472.09
	08/29/05	3498.38	sheen	26.24	0.00	3472.14
	09/06/05	3498.38	26.08	26.12	0.04	3472.29
	09/09/05	3498.38	26.03	26.07	0.04	3472.34
	09/12/05	3498.38	26.04	26.10	0.06	3472.33
	09/19/05	3498.38	26.28	26.40	0.12	3472.08
	09/27/05	3498.38	26.33	26.45	0.12	3472.03
	10/03/05	3498.38	26.38	26.50	0.12	3471.98
	10/10/05	3498.38	26.13	26.15	0.02	3472.25
	10/17/05	3498.38	26.10	26.15	0.05	3472.27
	10/24/05	3498.38	26.13	26.17	0.04	3472.24
	11/01/05	3498.38	26.14	26.19	0.05	3472.23
	11/08/05	3498.38	26.19	26.23	0.04	3472.18
	11/15/05	3498.38	25.13	25.24	0.11	3473.23
	11/22/05	3498.38	25.90	26.10	0.20	3472.45
	11/27/05	3498.38	25.90	26.01	0.11	3472.46
	12/05/05	3498.38	25.86	26.04	0.18	3472.49
	12/07/05	3498.38	25.98	26.18	0.20	3472.37
	12/16/05	3498.38	25.80	26.00	0.20	3472.55

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-4	12/29/05	3498.38	25.87	26.05	0.18	3472.48
MW-5	01/11/05	3500.12	25.85	26.33	0.48	3474.20
	01/14/05	3500.12	26.00	26.85	0.85	3473.99
	01/18/05	3500.12	25.71	26.50	0.79	3474.29
	01/21/05	3500.12	25.70	26.59	0.89	3474.29
	01/25/05	3500.12	25.70	26.58	0.88	3474.29
	01/28/05	3500.12	25.71	26.51	0.80	3474.29
	02/02/05	3500.12	25.75	26.55	0.80	3474.25
	02/05/05	3500.12	25.67	26.48	0.81	3474.33
	02/08/05	3500.12	25.66	26.61	0.95	3474.32
	02/11/05	3500.12	25.69	26.50	0.81	3474.31
	02/15/05	3500.12	25.69	26.69	1.00	3474.28
	02/18/05	3500.12	25.72	26.66	0.94	3474.26
	02/22/05	3500.12	25.70	26.60	0.90	3474.29
	02/25/05	3500.12	sheen	26.30	0.00	3473.82
	03/01/05	3500.12	sheen	25.81	0.00	3474.31
	03/04/05	3500.12	sheen	24.71	0.00	3475.41
	03/08/05	3500.12	25.62	25.80	0.18	3474.47
	03/10/05	3500.12	25.62	25.80	0.18	3474.47
	03/11/05	3500.12	25.60	25.85	0.25	3474.48
	03/15/05	3500.12	25.63	25.89	0.26	3474.45
	03/19/05	3500.12	25.62	25.88	0.26	3474.46
	03/22/05	3500.12	25.71	26.11	0.40	3474.35
	03/28/05	3500.12	25.60	25.98	0.38	3474.46
	04/01/05	3500.12	25.68	26.09	0.41	3474.38
	04/05/05	3500.12	25.59	25.96	0.37	3474.47
	04/08/05	3500.12	25.61	25.99	0.38	3474.45
	04/12/05	3500.12	25.65	26.05	0.40	3474.41
	04/15/05	3500.12	25.64	25.95	0.31	3474.43
	05/25/05	3500.12	25.30	25.90	0.60	3474.73
	06/03/05	3500.12	25.20	25.72	0.52	3474.84
	06/06/05	3500.12	25.23	25.73	0.50	3474.82
	06/10/05	3500.12	25.24	25.70	0.46	3474.81
	06/13/05	3500.12	25.44	25.99	0.55	3474.60
	06/20/05	3500.12	25.30	25.59	0.29	3474.78
	06/24/05	3500.12	25.26	25.55	0.29	3474.82
	06/27/05	3500.12	25.30	26.00	0.70	3474.72
	07/18/05	3500.12	25.58	26.25	0.67	3474.44
	07/25/05	3500.12	25.66	25.98	0.32	3474.41
	08/01/05	3500.12	25.72	26.12	0.40	3474.34
	08/04/05	3500.12	25.75	26.10	0.35	3474.32
	08/10/05	3500.12	25.85	26.00	0.15	3474.25
	08/16/05	3500.12	25.94	26.00	0.06	3474.17
	08/23/05	3500.12	25.46	25.75	0.29	3474.62
	08/29/05	3500.12	25.40	25.80	0.40	3474.66

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-5	09/06/05	3500.12	25.49	25.88	0.39	3474.57
	09/09/05	3500.12	25.40	25.88	0.48	3474.65
	09/12/05	3500.12	25.46	25.90	0.44	3474.59
	09/19/05	3500.12	25.62	26.09	0.47	3474.43
	09/27/05	3500.12	25.55	26.10	0.55	3474.49
	10/03/05	3500.12	25.59	26.00	0.41	3474.47
	10/10/05	3500.12	25.59	26.11	0.52	3474.45
	10/17/05	3500.12	25.56	26.05	0.49	3474.49
	10/24/05	3500.12	25.50	26.03	0.53	3474.54
	11/01/05	3500.12	25.36	26.06	0.70	3474.66
	11/08/05	3500.12	24.41	24.95	0.54	3475.63
	11/15/05	3500.12	25.65	26.36	0.71	3474.36
	11/22/05	3500.12	25.34	26.00	0.66	3474.68
	11/27/05	3500.12	25.40	25.88	0.48	3474.65
	12/05/05	3500.12	25.33	25.93	0.60	3474.70
	12/07/05	3500.12	25.38	26.24	0.86	3474.61
	12/16/05	3500.12	25.30	25.90	0.60	3474.73
	12/29/05	3500.12	25.25	25.90	0.65	3474.77
MW-6	01/11/05	3499.82	sheen	25.23	0.00	3474.59
	01/14/05	3499.82	sheen	25.41	0.00	3474.41
	01/18/05	3499.82	sheen	25.27	0.00	3474.55
	01/21/05	3499.82	sheen	25.20	0.00	3474.62
	01/25/05	3499.82	sheen	25.26	0.00	3474.56
	01/28/05	3499.82	sheen	25.23	0.00	3474.59
	02/02/05	3499.82	sheen	24.29	0.00	3475.53
	02/05/05	3499.82	sheen	25.21	0.00	3474.61
	02/08/05	3499.82	sheen	25.23	0.00	3474.59
	02/11/05	3499.82	sheen	25.17	0.00	3474.65
	02/15/05	3499.82	sheen	25.33	0.00	3474.49
	02/18/05	3499.82	sheen	25.33	0.00	3474.49
	02/22/05	3499.82	sheen	25.21	0.00	3474.61
	02/25/05	3499.82	sheen	25.34	0.00	3474.48
	03/01/05	3499.82	sheen	25.25	0.00	3474.57
	03/04/05	3499.82	sheen	25.30	0.00	3474.52
	03/08/05	3499.82	sheen	25.15	0.00	3474.67
	03/10/05	3499.82	sheen	25.15	0.00	3474.67
	03/11/05	3499.82	sheen	25.81	0.00	3474.01
	03/15/05	3499.82	sheen	25.78	0.00	3474.04
	03/19/05	3499.82	sheen	25.76	0.00	3474.06
	03/22/05	3499.82	sheen	25.25	0.00	3474.57
	03/28/05	3499.82	sheen	25.07	0.00	3474.75
	04/01/05	3499.82	sheen	25.82	0.00	3474.00
	04/05/05	3499.82	sheen	25.13	0.00	3474.69
	04/08/05	3499.82	sheen	25.14	0.00	3474.68
	04/12/05	3499.82	sheen	25.15	0.00	3474.67

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-6	04/15/05	3499.82	sheen	25.13	0.00	3474.69
	05/25/05	3499.82	sheen	24.88	0.00	3474.94
	06/03/05	3499.82	sheen	24.76	0.00	3475.06
	06/06/05	3499.82	sheen	24.80	0.00	3475.02
	06/10/05	3499.82	sheen	24.69	0.00	3475.13
	06/13/05	3499.82	sheen	24.89	0.00	3474.93
	06/20/05	3499.82	sheen	24.88	0.00	3474.94
	06/24/05	3499.82	sheen	24.84	0.00	3474.98
	06/27/05	3499.82	sheen	24.86	0.00	3474.96
	07/18/05	3499.82	sheen	25.13	0.00	3474.69
	07/25/05	3499.82	sheen	25.20	0.00	3474.62
	08/01/05	3499.82	25.25	25.26	0.01	3474.57
	08/04/05	3499.82	sheen	25.28	0.00	3474.54
	08/10/05	3499.82	sheen	25.29	0.00	3474.53
	08/16/05	3499.82	sheen	25.37	0.00	3474.45
	08/23/05	3499.82	sheen	25.11	0.00	3474.71
	08/29/05	3499.82	sheen	25.03	0.00	3474.79
	09/06/05	3499.82	sheen	25.04	0.00	3474.78
	09/09/05	3499.82	-	25.02	0.00	3474.80
	09/12/05	3499.82	25.02	25.03	0.01	3474.80
	09/19/05	3499.82	sheen	25.20	0.00	3474.62
	09/27/05	3499.82	sheen	25.23	0.00	3474.59
	10/03/05	3499.82	sheen	25.29	0.00	3474.53
	10/10/05	3499.82	sheen	25.13	0.00	3474.69
	10/17/05	3499.82	sheen	25.09	0.00	3474.73
	10/24/05	3499.82	sheen	25.09	0.00	3474.73
	11/01/05	3499.82	sheen	24.99	0.00	3474.83
	11/08/05	3499.82	sheen	24.94	0.00	3474.88
	11/15/05	3499.82	25.09	25.10	0.01	3474.73
	11/22/05	3499.82	sheen	24.96	0.00	3474.86
	11/27/05	3499.82	sheen	24.92	0.00	3474.90
	12/05/05	3499.82	-	24.92	0.00	3474.90
	12/07/05	3499.82	sheen	24.98	0.00	3474.84
	12/16/05	3499.82	sheen	24.88	0.00	3474.94
	12/29/05	3499.82	sheen	24.90	0.00	3474.92
MW-7	01/11/05	3498.33	23.98	25.61	1.63	3474.11
	01/18/05	3498.33	24.69	24.71	0.02	3473.64
	01/21/05	3498.33	24.10	24.20	0.10	3474.22
	01/25/05	3498.33	24.15	24.25	0.10	3474.17
	01/28/05	3498.33	24.16	24.33	0.17	3474.14
	02/02/05	3498.33	24.23	24.51	0.28	3474.06
	02/05/05	3498.33	24.11	24.36	0.25	3474.18
	02/08/05	3498.33	24.19	24.50	0.31	3474.09
	02/11/05	3498.33	24.26	24.48	0.22	3474.04
	02/15/05	3498.33	sheen	24.55	0.00	3473.78

TABLE 1

2005 GROUNDWATER ELEVATION DATA

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TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-7	02/18/05	3498.33	24.22	24.53	0.31	3474.06
	02/22/05	3498.33	24.14	24.60	0.46	3474.12
	02/25/05	3498.33	24.21	24.94	0.73	3474.01
	03/01/05	3498.33	24.13	24.74	0.61	3474.11
	03/04/05	3498.33	24.22	25.05	0.83	3473.99
	03/08/05	3498.33	24.08	24.89	0.81	3474.13
	03/10/05	3498.33	24.08	24.89	0.81	3474.13
	03/11/05	3498.33	24.12	24.90	0.78	3474.09
	03/15/05	3498.33	24.18	24.83	0.65	3474.05
	03/19/05	3498.33	24.17	24.83	0.66	3474.06
	03/22/05	3498.33	24.05	24.90	0.85	3474.15
	03/28/05	3498.33	23.90	24.44	0.54	3474.35
	04/01/05	3498.33	24.10	24.59	0.49	3474.16
	04/05/05	3498.33	23.92	24.70	0.78	3474.29
	04/08/05	3498.33	23.95	24.69	0.74	3474.27
	04/12/05	3498.33	23.94	24.80	0.86	3474.26
	04/15/05	3498.33	23.97	24.65	0.68	3474.26
	05/25/05	3498.33	24.16	24.53	0.37	3474.11
	06/03/05	3498.33	23.53	24.31	0.78	3474.68
	06/06/05	3498.33	23.59	24.30	0.71	3474.63
	06/10/05	3498.33	23.55	24.30	0.75	3474.67
	06/13/05	3498.33	23.70	25.08	1.38	3474.42
	06/20/05	3498.33	23.80	24.37	0.57	3474.44
	06/24/05	3498.33	23.74	24.27	0.53	3474.51
	06/27/05	3498.33	23.79	24.08	0.29	3474.50
	07/18/05	3498.33	24.01	24.49	0.48	3474.25
	07/25/05	3498.33	23.98	24.42	0.44	3474.28
	08/01/05	3498.33	24.15	24.76	0.61	3474.09
	08/04/05	3498.33	24.19	24.77	0.58	3474.05
	08/10/05	3498.33	24.20	24.53	0.33	3474.08
	08/16/05	3498.33	24.30	24.72	0.42	3473.97
	08/23/05	3498.33	23.70	24.00	0.30	3474.59
	08/29/05	3498.33	23.75	24.03	0.28	3474.54
	09/06/05	3498.33	23.86	24.08	0.22	3474.44
	09/09/05	3498.33	23.70	24.11	0.41	3474.57
	09/12/05	3498.33	23.84	24.12	0.28	3474.45
	09/19/05	3498.33	24.05	24.80	0.75	3474.17
	09/27/05	3498.33	24.12	24.70	0.58	3474.12
	10/03/05	3498.33	24.19	24.79	0.60	3474.05
	10/10/05	3498.33	23.98	25.05	1.07	3474.19
	10/17/05	3498.33	24.42	24.82	0.40	3473.85
	10/24/05	3498.33	23.88	25.27	1.39	3474.24
	11/01/05	3498.33	23.88	24.30	0.42	3474.39
	11/08/05	3498.33	23.94	24.28	0.34	3474.34
	11/15/05	3498.33	24.01	24.63	0.62	3474.23
	11/22/05	3498.33	23.84	24.40	0.56	3474.41

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-7	11/27/05	3498.33	23.98	24.14	0.16	3474.33
	12/05/05	3498.33	23.87	24.11	0.24	3474.42
	12/07/05	3498.33	23.96	24.21	0.25	3474.33
	12/16/05	3498.33	23.90	24.10	0.20	3474.40
	12/29/05	3488.33	23.77	24.11	0.34	3464.51
MW-8	03/10/05	3502.23	-	28.61	0.00	3473.62
	06/10/05	3502.23	-	28.10	0.00	3474.13
	09/09/05	3502.23	-	28.56	0.00	3473.67
	12/05/05	3502.23	-	28.38	0.00	3473.85
MW-9	03/10/05	3502.24	-	27.63	0.00	3474.61
	06/10/05	3502.24	-	27.20	0.00	3475.04
	09/09/05	3502.24	-	27.57	0.00	3474.67
	12/05/05	3502.24	-	27.36	0.00	3474.88
MW-10	01/11/05	3499.43	26.29	26.79	0.50	3473.07
	01/14/05	3499.43	26.34	26.70	0.36	3473.04
	01/18/05	3499.43	26.30	26.65	0.35	3473.08
	01/21/05	3499.43	26.36	26.48	0.12	3473.05
	01/25/05	3499.43	sheen	26.37	0.00	3473.06
	01/28/05	3499.43	sheen	26.18	0.00	3473.25
	02/02/05	3499.43	sheen	26.36	0.00	3473.07
	02/05/05	3499.43	sheen	26.18	0.00	3473.25
	02/08/05	3499.43	sheen	26.22	0.00	3473.21
	02/11/05	3499.43	sheen	26.20	0.00	3473.23
	02/15/05	3499.43	24.18	26.22	2.04	3474.94
	02/18/05	3499.43	sheen	26.26	0.00	3473.17
	02/22/05	3499.43	sheen	26.14	0.00	3473.29
	02/25/05	3499.43	sheen	26.19	0.00	3473.24
	03/01/05	3499.43	sheen	26.18	0.00	3473.25
	03/04/05	3499.43	sheen	26.16	0.00	3473.27
	03/08/05	3499.43	sheen	26.08	0.00	3473.35
	03/10/05	3499.43	26.06	26.08	0.02	3473.37
	03/11/05	3499.43	sheen	26.11	0.00	3473.32
	03/15/05	3499.43	sheen	26.07	0.00	3473.36
	03/19/05	3499.43	sheen	26.05	0.00	3473.38
	03/22/05	3499.43	sheen	26.10	0.00	3473.33
	03/28/05	3499.43	sheen	25.90	0.00	3473.53
	04/01/05	3499.43	sheen	26.13	0.00	3473.30
	04/05/05	3499.43	sheen	25.97	0.00	3473.46
	04/08/05	3499.43	sheen	26.00	0.00	3473.43
	04/12/05	3499.43	sheen	25.89	0.00	3473.54
	04/15/05	3499.43	sheen	25.97	0.00	3473.46
	05/25/05	3499.43	sheen	25.53	0.00	3473.90
	06/03/05	3499.43	sheen	25.49	0.00	3473.94

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-10	06/06/05	3499.43	sheen	25.45	0.00	3473.98
	06/10/05	3499.43	25.42	25.43	0.01	3474.01
	06/13/05	3499.43	sheen	25.60	0.00	3473.83
	06/20/05	3499.43	sheen	25.64	0.00	3473.79
	06/24/05	3499.43	sheen	25.60	0.00	3473.83
	06/27/05	3499.43	sheen	25.65	0.00	3473.78
	07/18/05	3499.43	sheen	25.95	0.00	3473.48
	07/25/05	3499.43	sheen	26.04	0.00	3473.39
	08/01/05	3499.43	26.11	26.17	0.06	3473.31
	08/04/05	3499.43	26.15	26.19	0.04	3473.27
	08/16/05	3499.43	26.20	26.25	0.05	3473.22
	08/23/05	3499.43	25.91	26.04	0.13	3473.50
	08/29/05	3499.43	25.90	25.99	0.09	3473.52
	09/06/05	3499.43	25.84	25.96	0.12	3473.57
	09/09/05	3499.43	25.79	25.95	0.16	3473.62
	09/12/05	3499.43	25.82	25.98	0.16	3473.59
	09/19/05	3499.43	26.03	26.25	0.22	3473.37
	09/27/05	3499.43	26.10	26.29	0.19	3473.30
	10/03/05	3499.43	26.23	26.40	0.17	3473.17
	10/10/05	3499.43	25.90	26.13	0.23	3473.50
	10/17/05	3499.43	25.87	26.11	0.24	3473.52
	10/24/05	3499.43	25.85	26.10	0.25	3473.54
	11/01/05	3499.43	25.72	26.08	0.36	3473.66
	11/08/05	3499.43	25.79	25.92	0.13	3473.62
	11/15/05	3499.43	25.95	26.05	0.10	3473.47
	11/22/05	3499.43	25.72	25.89	0.17	3473.68
	11/27/05	3499.43	25.72	25.81	0.09	3473.70
	12/05/05	3499.43	25.67	25.82	0.15	3473.74
	12/07/05	3499.43	25.80	25.94	0.14	3473.61
	12/16/05	3499.43	25.65	25.80	0.15	3473.76
	12/29/05	3499.43	25.65	25.90	0.25	3473.74
MW-11	03/10/05	3498.18	-	25.43	0.00	3472.75
	06/10/05	3498.18	-	24.75	0.00	3473.43
	09/09/05	3498.18	-	25.37	0.00	3472.81
	12/05/05	3498.18	-	25.21	0.00	3472.97
MW-12	03/10/05	3499.66	-	26.72	0.00	3472.94
	06/10/05	3499.66	-	26.01	0.00	3473.65
	09/09/05	3499.66	-	26.64	0.00	3473.02
	12/05/05	3499.66	-	26.53	0.00	3473.13
MW-13	03/10/05	3501.60	-	26.55	0.00	3475.05
	06/10/05	3501.60	-	26.17	0.00	3475.43
	09/09/05	3501.60	-	26.53	0.00	3475.07
	09/13/05	Plugged and Abandoned				

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
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LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-14	01/11/05	3498.54	26.20	27.82	1.62	3472.10
	01/14/05	3498.54	26.85	27.90	1.05	3471.53
	01/18/05	3498.54	26.64	27.80	1.16	3471.73
	01/21/05	3498.54	26.98	27.15	0.17	3471.53
	01/25/05	3498.54	26.80	26.89	0.09	3471.73
	01/28/05	3498.54	sheen	26.79	0.00	3471.75
	02/02/05	3498.54	sheen	26.69	0.00	3471.85
	02/05/05	3498.54	sheen	26.43	0.00	3472.11
	02/08/05	3498.54	sheen	26.47	0.00	3472.07
	03/10/05	3498.54	-	26.05	0.00	3472.49
	06/10/05	3498.54	-	25.40	0.00	3473.14
	09/09/05	3498.54	-	25.94	0.00	3472.60
	12/05/05	3498.54	-	25.81	0.00	3472.73
MW-15	03/10/05	3500.65	-	28.15	0.00	3472.50
	06/10/05	3500.65	-	27.56	0.00	3473.09
	09/09/05	3500.65	-	28.14	0.00	3472.51
	12/05/05	3500.65	-	27.90	0.00	3472.75
MW-16	03/10/05	3501.45	-	25.60	0.00	3475.85
	06/10/05	3501.45	-	28.95	0.00	3472.50
	09/09/05	3501.45	-	29.51	0.00	3471.94
	12/05/05	3501.45	-	29.30	0.00	3472.15
MW-17	03/10/05	3498.32	-	27.54	0.00	3470.78
	06/10/05	3498.32	-	26.47	0.00	3471.85
	09/09/05	3498.32	-	27.05	0.00	3471.27
	12/05/05	3498.32	-	26.85	0.00	3471.47
MW-18	03/10/05	3497.25	-	26.60	0.00	3470.65
	06/10/05	3497.25	-	27.45	0.00	3469.80
	09/09/05	3497.25	-	26.26	0.00	3470.99
	12/05/05	3497.25	-	26.14	0.00	3471.11
MW-19	03/10/05	3498.24	-	27.31	0.00	3470.93
	06/10/05	3498.24	-	26.54	0.00	3471.70
	09/09/05	3498.24	-	27.03	0.00	3471.21
	09/13/05	Plugged and Abandoned				
MW-20	03/10/05	3496.59	-	24.63	0.00	3471.96
	06/10/05	3496.59	-	23.97	0.00	3472.62
	09/09/05	3496.59	-	24.56	0.00	3472.03
	12/05/05	3496.59	-	24.40	0.00	3472.19
MW-21	03/10/05	3503.03	-	32.35	0.00	3470.68

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2005 GROUNDWATER ELEVATION DATA

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WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-21	06/10/05	3503.03	-	31.69	0.00	3471.34
	09/09/05	3503.03	-	32.09	0.00	3470.94
	12/05/05	3503.03	-	31.84	0.00	3471.19
MW-22	03/10/05	3500.05	-	29.84	0.00	3470.21
	06/10/05	3500.05	-	29.12	0.00	3470.93
	09/09/05	3500.05	-	29.53	0.00	3470.52
	12/05/05	3500.05	-	29.32	0.00	3470.73
MW-23	03/10/05	3498.88	-	28.75	0.00	3470.13
	06/10/05	3498.88	-	27.94	0.00	3470.94
	09/09/05	3498.88	-	28.40	0.00	3470.48
	12/05/05	3498.88	-	28.20	0.00	3470.68
MW-24	03/10/05	3798.79	-	28.66	0.00	3770.13
	06/10/05	3798.79	-	27.80	0.00	3770.99
	09/09/05	3798.79	-	28.28	0.00	3770.51
	12/05/05	3798.79	-	28.09	0.00	3770.70
MW-25	03/10/05	3498.08	-	28.69	0.00	3469.39
	06/10/05	3498.08	-	27.47	0.00	3470.61
	09/09/05	3498.08	-	28.27	0.00	3469.81
	12/05/05	3498.08	-	28.04	0.00	3470.04
MW-26	03/10/05	3499.18	-	29.33	0.00	3469.85
	06/10/05	3499.18	-	28.41	0.00	3470.77
	09/09/05	3499.18	-	28.93	0.00	3470.25
	12/05/05	3499.18	-	28.69	0.00	3470.49
MW-27	03/10/05	3498.03	-	29.28	0.00	3468.75
	06/10/05	3498.03	-	28.37	0.00	3469.66
	09/09/05	3498.03	-	28.82	0.00	3469.21
	12/05/05	3498.03	-	28.57	0.00	3469.46
MW-28	03/10/05	3498.69	-	29.33	0.00	3469.36
	06/10/05	3498.69	-	28.52	0.00	3470.17
	09/09/05	3498.69	-	28.95	0.00	3469.74
	12/05/05	3498.69	-	28.71	0.00	3469.98
MW-29	03/10/05	3500.79	-	30.90	0.00	3469.89
	06/10/05	3500.79	-	30.15	0.00	3470.64
	09/09/05	3500.79	-	30.56	0.00	3470.23
	09/13/05	Plugged and Abandoned				
MW-30	03/10/05	3498.65	-	29.80	0.00	3468.85
	06/10/05	3498.65	-	28.97	0.00	3469.68

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-30	09/09/05	3498.65	-	29.35	0.00	3469.30
	12/05/05	3498.65	-	29.09	0.00	3469.56
RW-1	01/11/05	3498.89	sheen	24.89	0.00	3474.00
	01/14/05	3498.89	sheen	25.11	0.00	3473.78
	01/18/05	3498.89	sheen	24.89	0.00	3474.00
	01/21/05	3498.89	sheen	24.81	0.00	3474.08
	01/25/05	3488.89	sheen	24.86	0.00	3464.03
	01/28/05	3498.89	sheen	24.79	0.00	3474.10
	02/02/05	3498.89	sheen	24.86	0.00	3474.03
	02/05/05	3498.89	sheen	24.82	0.00	3474.07
	02/08/05	3498.89	sheen	24.78	0.00	3474.11
	02/11/05	3498.89	sheen	24.75	0.00	3474.14
	02/15/05	3498.89	sheen	24.85	0.00	3474.04
	02/18/05	3498.89	sheen	24.87	0.00	3474.02
	02/22/05	3498.89	sheen	24.81	0.00	3474.08
	02/25/05	3498.89	sheen	24.95	0.00	3473.94
	03/01/05	3498.89	sheen	24.86	0.00	3474.03
	03/04/05	3498.89	sheen	24.83	0.00	3474.06
	03/08/05	3498.89	sheen	24.69	0.00	3474.20
	03/10/05	3498.89	sheen	24.69	0.00	3474.20
	03/11/05	3498.89	sheen	24.72	0.00	3474.17
	03/15/05	3498.89	sheen	24.71	0.00	3474.18
	03/19/05	3498.89	sheen	25.70	0.00	3473.19
	03/22/05	3498.89	sheen	24.75	0.00	3474.14
	03/28/05	3498.89	sheen	24.55	0.00	3474.34
	04/01/05	3498.89	sheen	24.76	0.00	3474.13
	04/05/05	3498.89	sheen	24.60	0.00	3474.29
	04/08/05	3498.89	sheen	24.62	0.00	3474.27
	04/12/05	3498.89	sheen	24.63	0.00	3474.26
	04/15/05	3498.89	sheen	24.59	0.00	3474.30
	05/25/05	3498.89	sheen	24.39	0.00	3474.50
	06/03/05	3498.89	sheen	24.21	0.00	3474.68
	06/06/05	3498.89	sheen	24.19	0.00	3474.70
	06/10/05	3498.89	24.09	24.10	0.01	3474.80
	06/13/05	3498.89	sheen	24.42	0.00	3474.47
	06/20/05	3498.89	sheen	24.38	0.00	3474.51
	06/24/05	3498.89	sheen	24.35	0.00	3474.54
	06/27/05	3498.89	sheen	24.36	0.00	3474.53
	07/18/05	3498.89	sheen	24.68	0.00	3474.21
	07/25/05	3498.89	sheen	24.79	0.00	3474.10
	08/01/05	3498.89	24.77	24.78	0.01	3474.12
	08/10/05	3498.89	24.84	24.85	0.01	3474.05
	08/16/05	3498.89	sheen	24.94	0.00	3473.95
	08/23/05	3498.89	sheen	24.68	0.00	3474.21
	08/29/05	3498.89	sheen	24.60	0.00	3474.29

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-1	09/06/05	3498.89	24.51	24.52	0.01	3474.38
	09/09/05	3498.89	24.49	24.51	0.02	3474.40
	09/12/05	3498.89	24.53	24.54	0.01	3474.36
	09/19/05	3498.89	24.75	24.82	0.07	3474.13
	09/27/05	3498.89	24.76	24.85	0.09	3474.12
	10/03/05	3498.89	24.79	24.89	0.10	3474.09
	10/10/05	3498.89	24.63	24.71	0.08	3474.25
	10/17/05	3498.89	24.66	24.76	0.10	3474.22
	10/24/05	3498.89	24.58	24.60	0.02	3474.31
	11/01/05	3498.89	24.48	24.49	0.01	3474.41
	11/08/05	3498.89	24.39	24.40	0.01	3474.50
	11/15/05	3498.89	24.59	24.71	0.12	3474.28
	11/22/05	3498.89	24.40	24.46	0.06	3474.48
	11/27/05	3498.89	24.38	24.42	0.04	3474.50
	12/05/05	3498.89	24.39	24.44	0.05	3474.49
	12/07/05	3498.89	24.46	24.51	0.05	3474.42
	12/16/05	3498.89	24.35	24.45	0.10	3474.53
	12/29/05	3498.89	24.32	24.45	0.13	3474.55
RW-2	01/11/05	3498.99	sheen	24.66	0.00	3474.33
	01/14/05	3498.99	sheen	24.96	0.00	3474.03
	01/18/05	3498.99	sheen	24.72	0.00	3474.27
	01/21/05	3498.99	sheen	24.67	0.00	3474.32
	01/25/05	3498.99	sheen	24.68	0.00	3474.31
	01/28/05	3498.99	sheen	24.65	0.00	3474.34
	02/02/05	3498.99	sheen	24.75	0.00	3474.24
	02/05/05	3498.99	sheen	24.69	0.00	3474.30
	02/08/05	3498.99	sheen	24.65	0.00	3474.34
	02/11/05	3498.99	sheen	24.61	0.00	3474.38
	02/15/05	3498.99	sheen	24.72	0.00	3474.27
	02/18/05	3498.99	sheen	24.75	0.00	3474.24
	02/22/05	3498.99	sheen	24.66	0.00	3474.33
	02/25/05	3498.99	sheen	24.92	0.00	3474.07
	03/01/05	3498.99	sheen	24.77	0.00	3474.22
	03/04/05	3498.99	sheen	24.91	0.00	3474.08
	03/08/05	3498.99	sheen	24.57	0.00	3474.42
	03/10/05	3498.99	sheen	24.57	0.00	3474.42
	03/11/05	3498.99	sheen	24.60	0.00	3474.39
	03/15/05	3498.99	sheen	25.80	0.00	3473.19
	03/19/05	3498.99	sheen	25.80	0.00	3473.19
	03/22/05	3498.99	sheen	25.08	0.00	3473.91
	03/28/05	3498.99	sheen	24.42	0.00	3474.57
	04/01/05	3498.99	sheen	24.65	0.00	3474.34
	04/05/05	3498.99	sheen	24.47	0.00	3474.52
	04/08/05	3498.99	sheen	24.50	0.00	3474.49
	04/12/05	3498.99	sheen	24.54	0.00	3474.45

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-2	04/15/05	3498.99	sheen	24.49	0.00	3474.50
	05/25/05	3498.99	sheen	24.31	0.00	3474.68
	06/03/05	3498.99	24.13	24.14	0.01	3474.86
	06/06/05	3498.99	sheen	24.10	0.00	3474.89
	06/10/05	3498.99	24.07	24.08	0.01	3474.92
	06/13/05	3498.99	sheen	24.38	0.00	3474.61
	06/20/05	3498.99	sheen	24.33	0.00	3474.66
	06/24/05	3498.99	sheen	24.31	0.00	3474.68
	06/27/05	3498.99	24.27	24.28	0.01	3474.72
	07/18/05	3498.99	sheen	24.56	0.00	3474.43
	07/25/05	3498.99	sheen	24.62	0.00	3474.37
	08/01/05	3498.99	24.66	24.67	0.01	3474.33
	08/10/05	3498.99	24.89	24.90	0.01	3474.10
	08/16/05	3498.99	sheen	24.56	0.00	3474.43
	08/23/05	3498.99	24.14	24.20	0.06	3474.84
	08/29/05	3498.99	24.10	24.19	0.09	3474.88
	09/06/05	3498.99	24.23	24.36	0.13	3474.74
	09/09/05	3498.99	24.21	24.34	0.13	3474.76
	09/12/05	3498.99	24.27	24.43	0.16	3474.70
	09/19/05	3498.99	24.56	24.71	0.15	3474.41
	09/27/05	3498.99	25.15	26.18	1.03	3473.69
	10/03/05	3498.99	25.19	25.22	0.03	3473.80
	10/10/05	3498.99	24.49	24.90	0.41	3474.44
	10/17/05	3498.99	sheen	25.10	0.00	3473.89
	10/24/05	3498.99	24.43	24.48	0.05	3474.55
	11/01/05	3498.99	24.30	24.31	0.01	3474.69
	11/08/05	3498.99	24.38	24.39	0.01	3474.61
	11/15/05	3498.99	24.48	24.60	0.12	3474.49
	11/22/05	3498.99	24.33	24.36	0.03	3474.66
	11/27/05	3498.99	24.32	24.36	0.04	3474.66
	12/05/05	3498.99	24.28	24.37	0.09	3474.70
	12/07/05	3498.99	24.41	24.42	0.01	3474.58
	12/16/05	3498.99	24.20	24.40	0.20	3474.76
	12/29/05	3498.99	24.27	24.33	0.06	3474.71
TANK	03/01/05		1.90	2.71	0.81	

Elevation based on the North American Vertical Datum of 1929.

TABLE 2
2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

		SW 846-8012B, 5030				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-1	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-2	03/10/05	1.160	<0.5	0.604	<0.5	
	06/10/05	Not Sampled Due to PSH in Well				
	09/09/05	Not Sampled Due to PSH in Well				
	12/05/05	Not Sampled Due to PSH in Well				
MW-3	03/10/05	0.463	<0.01	0.023	0.034	
	06/11/05	0.586	<0.005	0.0886	0.0957	
	09/09/05	Not Sampled Due to PSH in Well				
	12/05/05	0.423	<0.01	0.0451	0.0324	
MW-4	03/10/05	Not Sampled Due to PSH in Well				
	06/11/05	Not Sampled Due to PSH in Well				
	09/09/05	Not Sampled Due to PSH in Well				
	12/05/05	Not Sampled Due to PSH in Well				
MW-5	03/10/05	Not Sampled Due to PSH in Well				
	06/11/05	Not Sampled Due to PSH in Well				
	09/09/05	Not Sampled Due to PSH in Well				
	12/05/05	Not Sampled Due to PSH in Well				
MW-6	03/10/05	1.190	<0.05	0.749	0.189	
	06/11/05	0.884	0.0569	2.22	1.26	
	09/09/05	0.777	<0.1	1.21	0.53	
	12/05/05	1.060	<0.05	0.80	0.20	
MW-7	03/10/05	Not Sampled Due to PSH in Well				
	06/11/05	Not Sampled Due to PSH in Well				
	09/09/05	Not Sampled Due to PSH in Well				
	12/05/05	Not Sampled Due to PSH in Well				
MW-8	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-9	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	

TABLE 2

2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

LEA COUNTY, NM

All concentrations are reported in mg/L

		SW 846-8012B, 5030				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-10	03/10/05	Not Sampled Due to PSH in Well				
	06/11/05	Not Sampled Due to PSH in Well				
	09/09/05	Not Sampled Due to PSH in Well				
	12/05/05	Not Sampled Due to PSH in Well				
MW-11	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-12	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-13	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	09/13/05	Plugged and Abandoned				
MW-14	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-15	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-16	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-17	03/10/05	3.330	<0.05	2.140	<0.05	
	06/11/05	3.05	<0.1	2.06	0.335	
	09/09/05	3.48	<0.1	2.35	0.408	
	12/05/05	3.36	<0.01	2.38	0.393	
MW-18	03/10/05	2.380	<0.1	1.220	0.327	
	06/11/05	2.34	<0.01	0.849	0.204	
	09/09/05	3.18	<0.1	1.470	0.331	
	12/05/05	3.17	<0.01	1.630	0.341	

TABLE 2

2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.

TNM 97-18

LEA COUNTY, NM

All concentrations are reported in mg/L

SW 846-8012B, 5030						
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-19	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	09/13/05	Plugged and Abandoned				
MW-20	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	0.0167	<0.001	
MW-21	03/10/05	Not Sampled Due to Sample Reduction				
	06/11/05	Not Sampled Due to Sample Reduction				
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-22	03/10/05	Not Sampled Due to Sample Reduction				
	06/10/05	<0.001	<0.001	<0.001	<0.001	
	09/09/05	Not Sampled Due to Sample Reduction				
	12/05/05	<0.001	<0.001	<0.001	<0.001	
MW-23	03/10/05	0.516	0.005	<0.005	0.018	
	06/11/05	0.567	<0.005	<0.005	0.0081	
	09/09/05	0.677	<0.1	<0.1	<0.1	
	12/05/05	0.962	<0.02	0.086	<0.02	
MW-24	03/10/05	1.870	<0.1	0.221	0.116	
	06/11/05	1.90	<0.01	0.109	0.0791	
	09/09/05	2.30	<0.1	0.179	<0.1	
	12/05/05	2.51	<0.05	0.320	<0.05	

TABLE 2
2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TNM 97-18
LEA COUNTY, NM

All concentrations are reported in mg/L

		SW 846-8012B, 5030					
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62		
MW-25	03/10/05	0.542	<0.005	<0.005	<0.005		
	06/11/05	0.426	<0.005	<0.005	<0.005		
	09/09/05	0.397	<0.01	<0.01	<0.01		
	12/05/05	0.362	<0.01	<0.01	<0.01		
MW-26	03/10/05	Not Sampled Due to Sample Reduction					
	06/11/05	0.0013	<0.001	<0.001	<0.001	<0.001	
	09/09/05	Not Sampled Due to Sample Reduction					
	12/05/05	<0.005	<0.005	<0.005	<0.005		
MW-27	03/10/05	<0.005	<0.005	<0.005	<0.005		
	06/10/05	<0.001	<0.001	<0.001	<0.001		
	09/09/05	<0.001	<0.001	<0.001	<0.001		
	12/05/05	<0.001	<0.001	<0.001	<0.001		
MW-28	03/10/05	Not Sampled Due to Sample Reduction					
	06/10/05	<0.001	<0.001	<0.001	<0.001		
	09/09/05	Not Sampled Due to Sample Reduction					
	12/05/05	0.0445	<0.001	<0.001	<0.001		
MW-29	03/10/05	Not Sampled Due to Sample Reduction					
	06/10/05	<0.005	<0.005	<0.005	<0.005		
	09/09/05	Not Sampled Due to Sample Reduction					
	09/13/05	Plugged and Abandoned					
MW-30	03/10/05	Not Sampled Due to Sample Reduction					
	06/10/05	<0.001	<0.001	<0.001	<0.001		
	09/09/05	Not Sampled Due to Sample Reduction					
	12/05/05	<0.001	<0.001	<0.001	<0.001		
RW-1	03/10/05	2.230	0.923	0.804	0.625		
	06/10/05	Not Sampled Due to PSH in Well					
	09/09/05	Not Sampled Due to PSH in Well					
	12/05/05	Not Sampled Due to PSH in Well					
RW-2	03/10/05	1.080	<0.05	0.416	0.366		
	06/10/05	Not Sampled Due to PSH in Well					
	09/09/05	Not Sampled Due to PSH in Well					
	12/05/05	Not Sampled Due to PSH in Well					

Note: m, p and o xylenes combined when analyzed by Trace Laboratories Inc., only.

Appendices

Appendix A:
Notification of Release and Corrective
Action (Form C-141)



**PLAINS
PIPELINE**

September 23, 2005

Mr. Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Pipeline – Plugging and Abandonment of Monitor Wells
8 Sites in Lea County, New Mexico

Dear Mr. Martin:

Please find attached for your review the Plugging and Abandonment of Monitor Wells Reports for the following Plains sites:

Bob Durham	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #2	Sections 11 and 14, Township 15 South, Range 37 East, Lea County
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County
TNM Monument 17	Section 29, Township 19 South, Range 37 East, Lea County
TNM Monument 18	Section 7, Township 20 South, Range 37 East, Lea County
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County
AP-13 TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County
SPS-11	Section 18, Township 18 South, Range 36 East, Lea County

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds for C.J.R.

Camille Reynolds
Remediation Coordinator
Plains Pipeline

Enclosures

September 16, 2005

Mr. Ed Martin
New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Notification of Plugging and Abandonment of Monitor Wells
TNM 97-18
SW ¼, NE ¼, Section 28, T-20-S, R-37-E
Lea County, NM

Dear Mr. Martin,

NOVA Safety and Environmental (NOVA), on behalf of Plains Marketing, L.P. (Plains) respectfully submits the following notification of plugging and abandonment of monitor wells at the Plains TNM 98-17 leak site (the site), located in the SW ¼, NE ¼, Section 29, T-20-S, R-37-E in Lea County, NM.

On September 13, 2005, three (3) monitor wells were plugged and abandoned at the site. Please reference your letter to Ms. Camille Reynolds of Plains Marketing L.P. dated June 22, 2005.

The monitor wells were plugged and abandoned by Environmental Plus, Inc of Eunice, New Mexico, a licensed water well driller in the State of New Mexico. The monitor wells were plugged utilizing guidelines set forth by the office of the New Mexico State Engineer.

Monitor well MW-13 was filled with approximately two (2) bags of bentonite pellets to a depth of approximately one (1) foot below ground surface (bgs) and properly hydrated with water. Topsoil was placed above the former monitor well to complete the procedure.

Monitor well MW-19 was filled with approximately two (2) bags of bentonite pellets to a depth of approximately one (1) foot below ground surface (bgs) and properly hydrated with water. Topsoil was placed above the former monitor well to complete the procedure.

Monitor well MW-29 was filled with approximately two and a half (2½) bags of bentonite pellets to a depth of approximately one (1) foot below ground surface (bgs) and properly hydrated with water. Topsoil was placed above the former monitor well to complete the procedure.

The former monitor well location is as follows:

- MW-13, 32 degrees, 32.957" N, 103 degrees, 15.363" W
- MW-19, 32 degrees, 32.920" N, 103 degrees, 15.279" W
- MW-29, 32 degrees, 32.372" N, 103 degrees, 15.283" W

Plains has completed the approved plugging and abandonment of the above referenced monitor well as directed by the New Mexico Oil Conservation Division (NMOCD). Plains will continue to gauge and sample the remaining monitor wells at the site.

In the future, Plains may make additional requests to the NMOCD for plugging and abandonment of monitor well(s) at this site, as warranted.

Sincerely,



Curt D. Stanley
Project Manager
NOVA Safety and Environmental

Cc:

Paul Sheeley / Larry Johnson, NMOCD, Hobbs, NM

Camille Reynolds, Plains Marketing, L.P., Lovington, NM

cjreynolds@paalp.com

Jeff Dann, Plains Marketing, L.P., Houston, TX

jpdann@paalp.com

NOVA Safety and Environmental, Midland, TX

cstanley@novatraining.cc

Attachments:

Attachment #1 – Form C-141 – Release Notification and Corrective Action

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-141
Originated 2/13/97

Submit 2 copies to
Appropriate District
Office in accordance
with Rule 116 on
back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name Texas-New Mexico Pipe Line Company	Contact Edwin H. Gripp
Address Box 60028, San Angelo, TX 76906	Telephone No. (915) 947-9000
Facility Name 16" main line	Facility Type pipe line

Surface Owner Millard Duck Estate	Mineral Owner	Lease No.
--------------------------------------	---------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	28	20S	37E					Dea

NATURE OF RELEASE

Type of Release sour crude	Volume of Release 83 barrels	Volume Recovered none
Source of Release 16" main line	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 9-10-97 4:30 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Elizabeth	
By Whom? Mike Pearce	Date and Hour 9-11-97 1:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Internal Corrosion
Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

3600 sq. ft. pasture land.
Contaminated soil will be excavated.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

95° cloudy

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature: *Edwin H. Gripp*

Printed Name: Edwin H. Gripp

Title: District Manager

Date: 9-11-97

Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by
District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

June 22, 2005

Ms. Camille Reynolds
Plains Pipeline
3112 West Highway 82
Lovington, NM 88260

Re: 2004 Annual Monitoring Report
TNM 97-18 Release Site
SW/4 NE/4 of Section 28, Township 20 South, Range 37 East
Lea County, New Mexico
Plains EMS Number: TNM 97-18-Known
NMOCD Reference AP-0013

Dear Ms. Reynolds:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed the above report submitted on behalf of Plains Marketing, L.P. (Plains) by Nova Safety and Environmental and dated April 2005. This report is accepted with the following understandings and conditions:

1. Quarterly sampling and annual reporting will continue throughout 2005.
2. Product recovery will continue throughout 2005.
3. Plains may plug and abandon monitor wells MW-13, MW-19, and MW-29 using a slurry of 3% - 5% bentonite.
4. Monitor wells MW-22 and MW-26 may be placed on an annual sampling schedule.
5. Plains will develop a work plan to address the impacted and/or excavated soil remaining on site, and submit such plan to the NMOCD Santa Fe office prior to commencing any additional soil work.

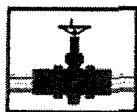
NMOCD acceptance does not relieve Plains of responsibility should its operations at this site prove to have been harmful to public health or the environment. Nor does it relieve Plains of its responsibility to comply with the rules and regulations of any other federal, state, or local governmental entity.

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin
Environmental Bureau

Cc: NMOCD, Hobbs



PLAINS ALL AMERICAN

March 29, 2005

Mr. Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains All American – Annual Monitoring Reports
21 Sites in Lea County, New Mexico

Dear Mr. Martin:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

LF-59	Section 32, Township 19 South, Range 37 East, Lea County
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County
HDO 90-23	Section 06, Township 20 South, Range 37 East, Lea County
Darr Angell 2	Section 11, 14, Township 15 South, Range 37 East, Lea County
SPS 11	Section 18, Township 18 South, Range 36 East, Lea County
TNM 97-17	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County
Red Byrd # 1	Section 01, Township 20 South, Range 36 East, Lea County
Bob Durham	Section 31, 32, Township 19 South, Range 37 East, Lea County
Monument Site 11	Section 30, Township 19 South, Range 37 East, Lea County
Darr Angell 1	Section 11, Township 15 South, Range 37 East, Lea County
TNM 98-05B	Section 26, Township 21 South, Range 37 East, Lea County
Monument Site 2	Section 6, 7, Township 20 South, Range 37 East, Lea County
Monument Site 10	Section 32, Township 19 South, Range 37 East, Lea County
Monument Site 17	Section 29, Township 19 South, Range 37 East, Lea County
Monument Site 18	Section 07, Township 20 South, Range 37 East, Lea County
Monument Barber 10" PL	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell 4	Section 11, 02, Township 15 South, Range 37 East, Lea County
Monument to Lea 6"	Section 05, Township 20 South, Range 37 East, Lea County
Texaco Skelly "F"	Section 21, Township 20 South, Range 37 East, Lea County



PLAINS ALL AMERICAN

Nova prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Nova in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above 21 facilities.

If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds for CR

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures