

1R - 388

WORKPLANS

DATE:

May 2006

1R-0388

NM



PLAINS
ALL AMERICAN

1R0388

May 16, 2006

MAY 25 2006

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

Report Entered

Re: Plains All American Soil Remediation Work Plan
Monument Barber 10-Inch Sour Release Site
Unit Letter M of Section 32, Township 19 South, Range 37 East
Lea County, New Mexico

Dear Mr. Martin:

Please find attached for your approval the Soil Remediation Work Plan, dated May 2006, for the Monument Barber 10-Inch Sour release site located in Unit Letter M of Section 32, Township 19 South, Range 37 East of Lea County, New Mexico. The Work Plan details soil activities conducted to date and future soil activities to be conducted at the site.

Should you have any questions or comments, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

Cc: Larry Johnson, NMOCD, Hobbs Office

Enclosure

MAY 25 2006

SOIL REMEDIATION WORK PLAN

Report Entered

MONUMENT BARBER 10-INCH SOUR

SW ¼, SW ¼, SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
MONUMENT, NEW MEXICO

PLAINS EMS NUMBER: ~~2000-10655~~

NMOCD REF 1R-0338

Prepared for:

PLAINS MARKETING, L.P.

333 Clay Street, Suite 1600

Houston, Texas 77002



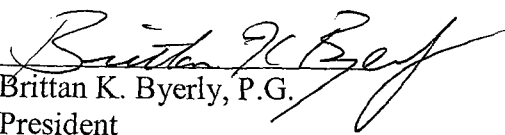
Prepared by:

NOVA Safety and Environmental

2057 Commerce

Midland, Texas 79703

May 2006


Brittan K. Byerly, P.G.
President


Todd K. Choban, P.G.
Vice President, Technical Services

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
2.0	SITE BACKGROUND	1
3.0	NMOCD SITE CLASSIFICATION	2
4.0	LEAK ZONE INVESTIGATION.....	2
5.0	PROPOSED SOIL REMEDIATION ACTIVITIES.....	2
6.0	REPORTING.....	3
7.0	LIMITATIONS	3
8.0	DISTRIBUTION	5

FIGURES

FIGURE 1: Site Location Map

FIGURE 2: Site Map

FIGURE 3: Inferred Groundwater Gradient Map (12/21/05)

FIGURE 4: Proposed Excavation Map

TABLES

TABLE 1: Concentrations of BTEX and TPH in Soil

TABLE 2: Groundwater Elevation and PSH Thickness Data

TABLE 3: Concentrations of TPH & BTEX in Groundwater

APPENDICES

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

1.0 INTRODUCTION

On behalf of Plains Marking, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Soil Remediation Work Plan to the New Mexico Oil Conservation Division (NMOCD). The purpose of this report is to summarize the onsite investigative and remedial activities performed to date at the Monument Barber 10-Inch Sour leak site located approximately two miles southwest of Monument in Lea County, New Mexico. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. The Notification of Release and Corrective Action (Form C-141) is provided as Appendix A.

2.0 SITE BACKGROUND

A crude oil leak from a 10 inch diameter EOTT pipeline running north to south was initially discovered on the Barber Estate property on August 7, 2000. The release occurred after installation of a new section of pipeline. An estimated 1,600 barrels of crude oil was released and 1,300 barrels was recovered. The site is located approximately two miles southwest of Monument, New Mexico, in the SW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 32, Township 19 South, Range 37 East. For reference, a site location map and site map are provided as Figure 1 and Figure 2, respectively. The immediate area is dominated by exploration and production activities. A large diameter high pressure natural gas pipeline operated by Dynegy crosses the Plains Pipeline at the release point. The Dynegy pipeline poses a significant safety and working space concern during any excavation activities conducted at the site. There are other historical non-EOTT related crude oil releases in the vicinity immediately surrounding this release. The release resulted in a pool of crude oil in the previously excavated area and a surface stain measuring approximately 100 feet in length by 8 feet in width to the south of the release point. The depth to groundwater in this area is approximately 30 feet below ground surface (bgs). An inferred groundwater gradient map and historic groundwater elevation data are provided as Figure 3 and Table 2, respectively. As required by the NMOCD's *Guidelines for Remediation of Leaks, Spills and Releases*, (NMOCD, 1993), EOTT conducted initial response actions and site assessment activities as summarized below.

Upon discovery of the release and completion of initial response actions, which included repair of the leaking pipeline and removal of the crude oil from the excavated area, an attempt was made to excavate the area adjacent to the release point and along the pipeline to determine the lateral extent of contamination. A trench, approximately 276 feet long, was extended along and below the area of the pipeline release to the south to a width of approximately 21 feet. The main excavation area is approximately 72 feet wide and 35 feet in length. One additional trench, approximately 27 feet long, was extended to the west, perpendicular to the release location. The depth of the excavation beneath the release point is approximately 10 feet. Following this work, it was determined that contamination extended beyond the depth of the excavations and that a subsurface investigation would be required. The excavated saturated soils were then removed to an offsite NMOCD approved disposal facility. A small stockpile of impacted soils is located to the west of the excavated area.

3.0 NMOCD SITE CLASSIFICATION

Groundwater at this site occurs at approximately 30 feet bgs. This depth to groundwater results in a score of 20 being assigned to this site based on the NMOCD ranking criteria. The distance to the nearest water source exceeds 1,000 feet, resulting in no points being assigned to the site on this ranking criterion. There is no surface water body located within 1,000 feet of the site, resulting in no points being assigned on this ranking criterion.

The NMOCD's *Guidelines for Remediation of Leaks, Spills and Releases* (NMOCD, 1993), indicates the Monument Barber 10-inch Sour site has a ranking score of 20 points. The soil cleanup levels for a site with a ranking score greater than 19 require benzene concentrations below 10 parts per million (ppm), total Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) below 50 ppm and Total Petroleum Hydrocarbons – Gasoline Range Organics/Diesel Range Organics (TPH-GRO/DRO) below 100 ppm.

4.0 LEAK ZONE INVESTIGATION

A previous consultant conducted a site investigation beginning on August 8, 2000 to determine the nature and extent of crude oil impact as a result of the pipeline release. A total of 34 soil borings were installed adjacent to and surrounding the release point to a maximum depth of approximately 35 feet bgs. Based on NOVA's review of the investigation data, it appeared to be adequate to determine the distribution of vadose zone hydrocarbons both vertically and horizontally. Each soil boring was sampled at five-foot intervals with one-half of each sample submitted for laboratory analysis and the other one-half field screened with a photo ionization detector (PID). All samples submitted to the laboratory were analyzed for TPH-GRO/DRO by EPA SW 846 8015m. Soil samples screened in the field and that demonstrated PID readings in excess of 100 ppm were also analyzed for BTEX and TPH. Based on field screening and laboratory results, hydrocarbon impacted soils in excess of NMOCD regulatory limits were determined to exist to a depth of 8 to 10 feet bgs in the area immediately adjacent to the release point. See Table 1 for the historical soil analytical data derived from work conducted by the previous consultant.

Of the 34 soil borings previously installed, two were completed as recovery wells (recovery wells RW-1 and RW-2) and four were completed as groundwater monitor wells (monitor wells MW-1 through MW-4). Laboratory analysis indicate that groundwater collected from monitoring wells MW-1 and MW-2 and recovery wells RW-1 and RW-2 contained dissolved phase hydrocarbons in concentrations exceeding the NMOCD regulatory limits. See Table 2 for historical concentrations of TPH and BTEX in groundwater.

5.0 PROPOSED SOIL REMEDIATION ACTIVITIES

Based upon the analytical results from previous site investigations, further excavation of the impacted soil around the pipeline in the release area and minor work along the flow path is necessary to remediate the soil to NMOCD cleanup standards. The area surrounding soil boring

SB-16 will be removed to a minimum depth of thirteen feet bgs. The areas around soil boring SB-18 will be scraped to a minimum depth of 2-3 feet bgs and the area around soil borings SB-26 and SB-27 will be excavated to a depth of 3-6 feet bgs. In addition, the bottom and sidewalls of the existing excavation will be over excavated and resampled. Asphaltines along the perimeter of the excavation will also be scraped and stockpiled. A proposed excavation map is provided as Figure 4.

Due the presence of the Dynegy pipeline, which is supported within the confines of the excavation and limits the working space within the excavation, Plains proposes a staged excavation and backfill. The staged excavation and backfill will allow for increased support of the large diameter natural gas pipeline and a safer working environment.

The impacted soils will be transported to a licensed treatment facility. Soil samples will be collected from the sidewalls and bottom of the excavation(s) and analyzed to verify that soils exceeding NMOCD cleanup standards have been removed. After Plains has received analytical verification that the excavations were adequate to remove hydrocarbon contaminant above NMOCD cleanup criteria, non-impacted backfill material will be used to fill the excavation(s) and return the surface topography to as near original condition as practical.

In the event that one or more bottom hole samples (maximum depth of 15 feet bgs) indicate that excavation activities have not been sufficient to achieve cleanup standards as determined by NMOCD, the site will be closed under risk-based criteria. This would include capping of the excavation bottom with a twenty (20) millimeter (mil) polyurethane liner. The liner will be positioned to allow any moisture to be shed off the sides of the liner. On completion of the liner installation, the excavation will be backfilled with imported, non-impacted soil and the site will be returned to as near original topographic grade as practical.

6.0 REPORTING

A Soil Closure Report be prepared summarizing the results of the activities outlined in this work plan.

7.0 LIMITATIONS

NOVA has prepared this Soil Remediation Work Plan 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 written consent of NOVA and/or Plains.

8.0 DISTRIBUTION

- Copy 1: Ed Martin
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
- Copy 2: Larry Johnson and Paul Sheeley
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division District 1
1625 French Drive
Hobbs, NM 88240
- Copy 3: Camille Reynolds
Plains Marketing, L.P.
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Lovington, New Mexico
cjreynolds@paalp.com
- Copy 4: Jeff Dann
Plains Marketing, L.P.
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Houston, Texas 77002
jpdann@paalp.com
- Copy 5: NOVA Safety and Environmental.
2057 Commerce Drive
Midland, Texas 79703
estanley@novatraining.cc

Figures



Monument Barber 10-Inch Sour Site Location

Figure 1
Site Location Map
Plains Marketing, L.P.
Monument Barber
10-Inch Sour
Monument, NM

NOVA Safety and Environmental

SW 1/4 SW1/4 Sec 32, T19S R37E | 32° 36' 39.4" N 103° 16' 51.0" W
Scale: NTS | Prep By: CDS | Checked By: TKC
February 16, 2005



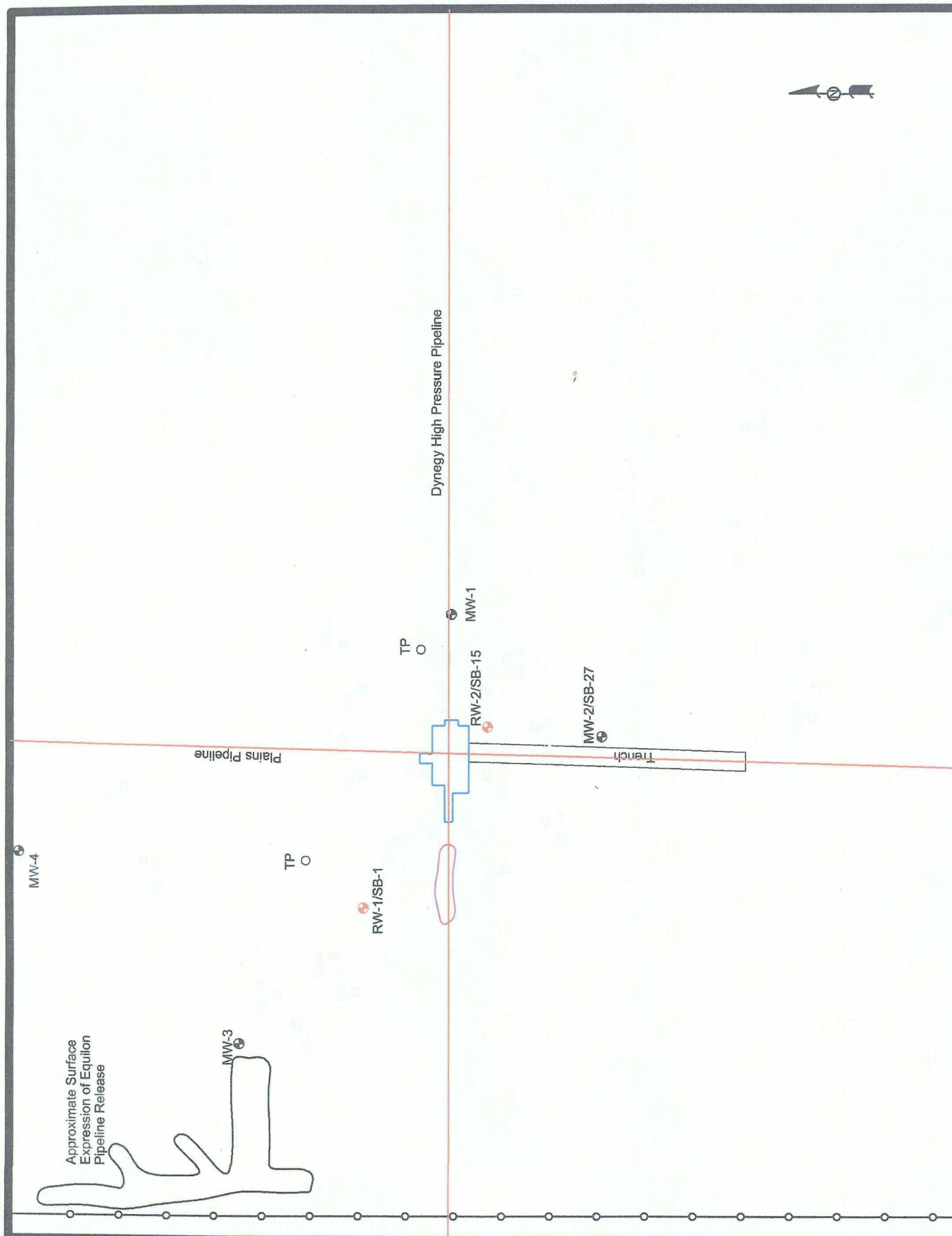


Figure 2
Site Map
 Plains Marketing, L.P.
 Monument Barber
 10-Inch Sour
 Monument, NM

NOVA Safety and Environmental

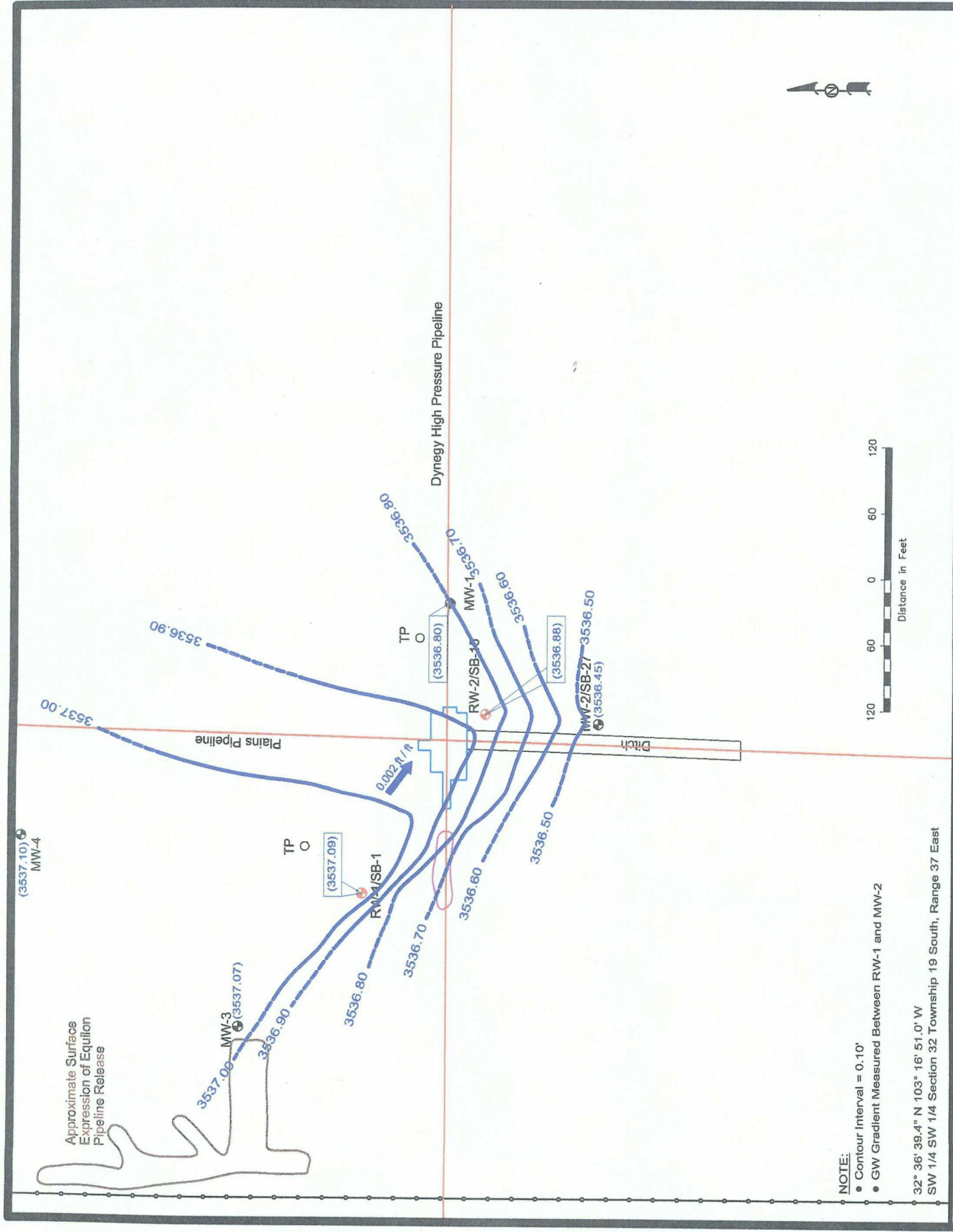
Scale: 1" = 120'
 Prep By: DPM
 Checked By: MRE
 January 25, 2006

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 safety and environmental

Distance in Feet

120 60 0 60 120

- LEGEND:**
- Soil Boring Location
 - Monitoring Well Location
 - Recovery Well Location
 - Fence
 - Extent of Excavation
 - Extent of Stockpile



NOTE:

- Contour Interval = 0.10'
- GW Gradient Measured Between RW-1 and MW-2

32° 36' 39.4" N 103° 16' 51.0" W
 SW 1/4 SW 1/4 Section 32 Township 19 South, Range 37 East



Figure 3
 Inferred Groundwater
 Gradient Map (12/21/05)
 Plains Marketing, L.P.
 Monument Barber
 10-inch Sour
 Monument, NM

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 safety and environmental

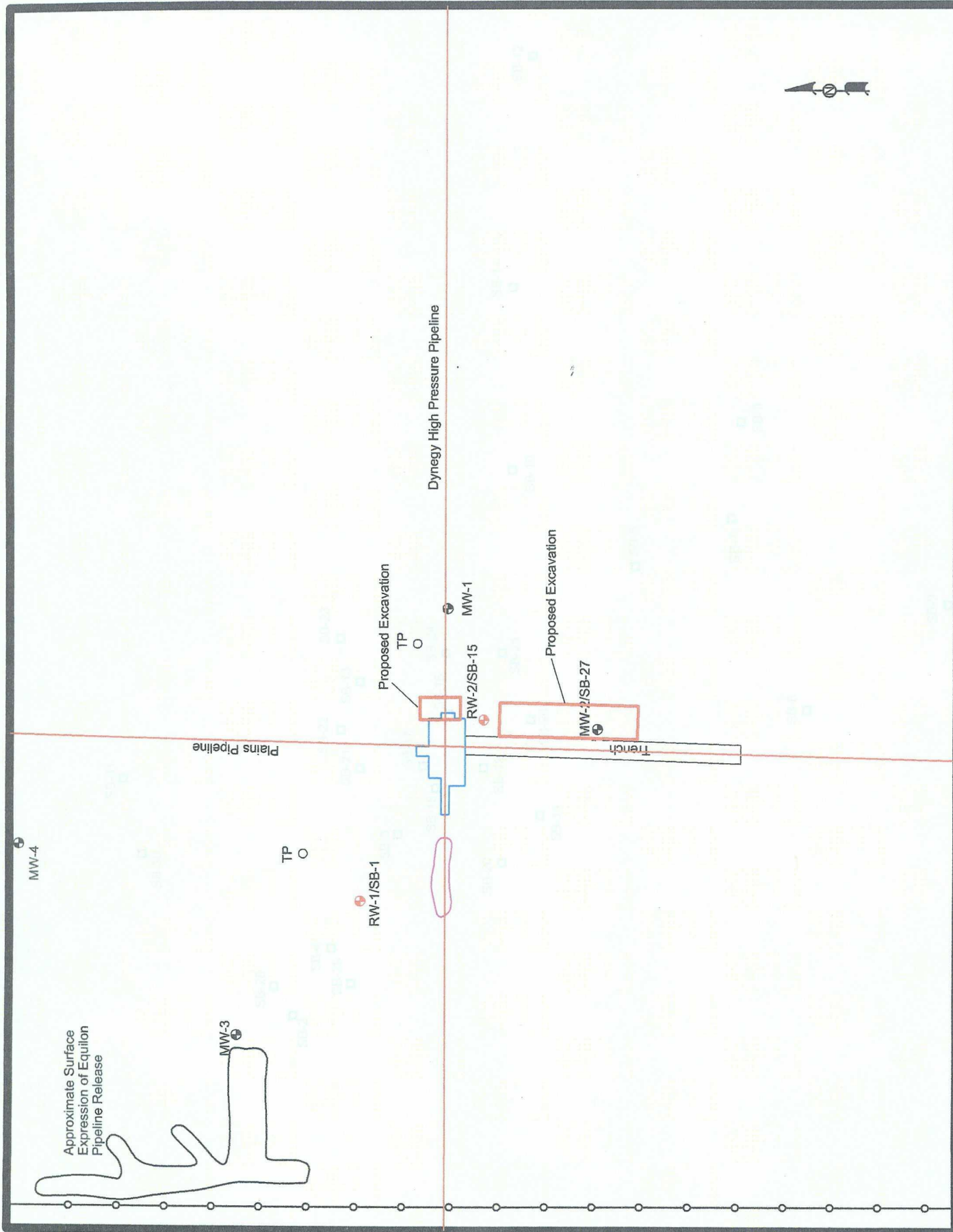
LEGEND:

- Utility Pole
- Monitoring Well Location
- Recovery Well Location
- Soil Boring Location
- Fence
- Extent of Excavation
- Extent of Stockpile
- Groundwater Elevation (feet)
- Groundwater Elevation Contour Line
- Groundwater Gradient Direction & Magnitude

NOVA Safety and Environmental

Scales: 1" = 120' | Prep By: DPM | Checked By: MRE

January 26, 2006



LEGEND:

- Soil Boring Location
- Monitoring Well Location
- Recovery Well Location
- Fence
- Extent of Excavation
- Extent of Stockpile
- Proposed Excavation

Distance in Feet

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Figure 4
Proposed Excavation Map
Plains Marketing, L.P.
Monument Barber
10-Inch Sour
Monument, NM

NOVA Safety and Environmental

Scale: 1" = 120' Prep By: DPM Checked By: MRE
January 25, 2006

Tables

Table 1

CONCENTRATIONS OF TPH & BTEX IN SOIL

PLAINS MARKETING, L.P.
 MONUMENT BARBER 10" SOUR
 MONUMENT (LEA COUNTY), NEW MEXICO

All concentrations are in mg/Kg

SAMPLE DATE	SAMPLE LOCATION	SW 846-8015M GRO/DRO		SW 846-8021B, 5030					
		GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
8/9/2000	SB-1 / RW-1 0-2'	<10	<10						
8/9/2000	SB-1 / RW-1 3-5'	<10	<10						
8/9/2000	SB-1 / RW-1 8-10'	<10	<10						
8/9/2000	SB-1 / RW-1 13-15'	<10	<10						
8/9/2000	SB-1 / RW-1 18-20'	<10	<10						
8/9/2000	SB-1 / RW-1 23-25'	<10	<10						
8/9/2000	SB-1 / RW-1 28-30'	<10	<10						
8/9/2000	SB-2 0-2'	<10	<10						
8/9/2000	SB-2 3-5'	<10	<10						
8/9/2000	SB-2 8-10'	<10	<10						
8/9/2000	SB-2 13-15'	<10	<10						
8/9/2000	SB-2 18-20'	<10	<10						
8/9/2000	SB-2 23-25'	<10	<10						
8/9/2000	SB-2 28-30'	<10	<10						
8/10/2000	SB-3 0-2'	<10	<10						
8/10/2000	SB-3 3-5'	<10	<10						
8/10/2000	SB-3 8-10'	<10	<10						
8/10/2000	SB-3 13-15'	<10	<10						
8/10/2000	SB-3 18-20'	<10	<10						
8/10/2000	SB-3 23-25'	<10	<10						
8/10/2000	SB-3 28-30'	<10	129						
8/10/2000	SB-4 0-2'	<10	<10						
8/10/2000	SB-4 3-5'	<10	<10						
8/10/2000	SB-4 8-10'	<10	<10						
8/10/2000	SB-4 13-15'	<10	<10						
8/10/2000	SB-4 18-20'	<10	<10						
8/10/2000	SB-4 23-25'	<10	<10						
8/10/2000	SB-4 28-30'	<10	<10						
8/10/2000	SB-5 0-2'	<10	<10						
8/10/2000	SB-5 3-5'	<10	<10						
8/10/2000	SB-5 8-10'	<10	<10						
8/10/2000	SB-5 13-15'	<10	<10						
8/10/2000	SB-5 18-20'	<10	<10						
8/10/2000	SB-5 23-25'	<10	<10						
8/11/2000	SB-6 0-2'	<10	<10						
8/11/2000	SB-6 3-5'	<10	<10						
8/11/2000	SB-6 8-10'	<10	<10						
8/11/2000	SB-6 13-15'	<10	<10						
8/11/2000	SB-6 18-20'	<10	<10						
8/11/2000	SB-6 23-25'	<10	<10						
8/11/2000	SB-6 28-30'	<10	<10						
8/11/2000	SB-6 33-35'	<10	<10						
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8/11/2000	SB-7 8-10'	<10	<10						
8/11/2000	SB-7 13-15'	<10	<10						
8/11/2000	SB-7 18-20'	<10	<10						
8/11/2000	SB-7 23-25'	<10	<10						
8/11/2000	SB-7 28-30'	<10	<10						
8/11/2000	SB-8 0-2'	<10	<10						
8/11/2000	SB-8 3-5'	<10	<10						
8/11/2000	SB-8 8-10'	<10	<10						
8/11/2000	SB-8 13-15'	<10	<10						
8/11/2000	SB-8 18-20'	<10	<10						

Table 1

CONCENTRATIONS OF TPH & BTEX IN SOIL

PLAINS MARKETING, L.P.
 MONUMENT BARBER 10" SOUR
 MONUMENT (LEA COUNTY), NEW MEXICO

All concentrations are in mg/Kg

SAMPLE DATE	SAMPLE LOCATION	SW 846-8015M GRO/DRO		SW 846-8021B, 5030					
		GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENE S	BTEX
8/11/2000	SB-8 23-25'	<10	<10						
8/11/2000	SB-8 28-30'	<10	<10						
8/14/2000	SB-9 0-2'	<10	<10						
8/14/2000	SB-9 3-5'	<10	<10						
8/14/2000	SB-9 8-10'	<10	<10						
8/14/2000	SB-9 13-15'	<10	<10						
8/14/2000	SB-9 18-20'	<10	<10						
8/14/2000	SB-9 23-25'	<10	<10						
8/14/2000	SB-9 28-30'	<10	<10						
8/14/2000	SB-10 0-2'	<10	<10						
8/14/2000	SB-10 3-5'	<10	<10						
8/14/2000	SB-10 8-10'	<10	<10						
8/14/2000	SB-10 13-15'	<10	<10						
8/14/2000	SB-10 18-20'	<10	<10						
8/14/2000	SB-10 23-25'	<10	<10						
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8/14/2000	SB-11 3-5'	<10	<10						
8/14/2000	SB-11 8-10'	<10	<10						
8/14/2000	SB-11 13-15'	<10	<10						
8/14/2000	SB-11 18-20'	<10	<10						
8/14/2000	SB-11 23-25'	<10	<10						
8/15/2000	SB-12 0-2'	<10	<10						
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8/15/2000	SB-12 8-10'	<10	<10						
8/15/2000	SB-12 13-15'	<10	<10						
8/15/2000	SB-12 18-20'	<10	<10						
8/15/2000	SB-12 23-25'	<10	<10						
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8/15/2000	SB-13 8-10'	<10	<10						
8/15/2000	SB-13 13-15'	<10	<10						
8/15/2000	SB-13 18-20'	<10	<10						
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8/15/2000	SB-13 28-30'	<10	<10						
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8/15/2000	SB-14 27-29'	<10	<10						
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8/15/2000	SB-15 18-20'	<10	<10						
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8/15/2000	SB-15 28-30'	<10	<10						
8/16/2000	SB-16 0-2'	5380	15258	16.2	66.1	42.3	114	53.8	292
8/16/2000	SB-16 3-5'	4557	6577	10.0	63.6	30.3	109	38.6	252
8/16/2000	SB-16 8-10'	281	1531	0.391	4.30	2.14	9.30	3.11	19.2
8/16/2000	SB-16 13-15"	<10	31						
8/16/2000	SB-16 18-20'	<10	<10						

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PLAINS MARKETING, L.P.
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		GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
8/16/2000	SB-16 23-25'	<10	109						
8/16/2000	SB-16 28-30'	<10	109						
8/16/2000	SB-17 0-2'	<10	<10						
8/16/2000	SB-17 3-5'	<10	<10						
8/16/2000	SB-17 8-10'	<10	<10						
8/16/2000	SB-17 13-15'	<10	<10						
8/16/2000	SB-17 18-20'	<10	<10						
8/16/2000	SB-17 23-25'	<10	<10						
8/16/2000	SB-17 28-30'	<10	<10						
8/17/2000	SB-18 0-2'	<10	138						
8/17/2000	SB-18 3-5'	<10	<10						
8/17/2000	SB-18 8-10'	<10	<10						
8/17/2000	SB-18 13-15'	<10	<10						
8/17/2000	SB-18 18-20'	<10	<10						
8/17/2000	SB-18 23-25'	<10	<10						
8/17/2000	SB-19 0-2'	<10	<10						
8/17/2000	SB-19 3-5'	<10	<10						
8/17/2000	SB-19 8-10'	<10	<10						
8/17/2000	SB-19 13-15'	<10	<10						
8/17/2000	SB-19 18-20'	<10	<10						
8/17/2000	SB-19 23-25'	<10	<10						
8/17/2000	SB-19 26-28'	<10	<10						
8/17/2000	SB-19 28-30'	<10	<10						
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8/18/2000	SB-20 8-10'	<10	<10						
8/18/2000	SB-20 13-15'	<10	<10						
8/18/2000	SB-20 18-20'	<10	<10						
8/18/2000	SB-20 23-25'	<10	<10						
8/18/2000	SB-20 28-30'	<10	<10						
8/18/2000	SB-21 0-2'	<10	<10						
8/18/2000	SB-21 3-5'	<10	<10						
8/18/2000	SB-21 8-10'	<10	<10						
8/18/2000	SB-21 13-15'	<10	<10						
8/18/2000	SB-21 18-20'	<10	<10						
8/18/2000	SB-21 23-25'	<10	<10						
8/22/2000	SB-22 0-2'	<10	<10						
8/22/2000	SB-22 3-5'	<10	<10						
8/22/2000	SB-22 8-10'	<10	<10						
8/22/2000	SB-22 13-15'	<10	<10						
8/22/2000	SB-22 18-20'	<10	<10						
8/22/2000	SB-22 23-25'	<10	<10						
8/22/2000	SB-22 28'	<10	139						
8/22/2000	SB-23 0-2'	<10	<10						
8/22/2000	SB-23 3-5'	<10	<10						
8/22/2000	SB-23 8-10'	<10	<10						
8/22/2000	SB-23 13-15'	<10	<10						
8/22/2000	SB-23 18-20'	<10	<10						
8/22/2000	SB-23 23-25'	<10	<10						
8/22/2000	SB-23 28'	<10	<10						
8/24/2000	SB-24 0-2'	<10	<10						
8/24/2000	SB-24 3-5'	<10	<10						
8/24/2000	SB-24 8-10'	<10	<10						
8/24/2000	SB-24 13-15'	<10	<10						

Table 1

CONCENTRATIONS OF TPH & BTEX IN SOIL

PLAINS MARKETING, L.P.
 MONUMENT BARBER 10" SOUR
 MONUMENT (LEA COUNTY), NEW MEXICO

All concentrations are in mg/Kg

SAMPLE DATE	SAMPLE LOCATION	SW 846-8015M GRO/DRO		SW 846-8021B, 5030					
		GRO C ₆ -C ₁₀	DRO >C ₁₀ -C ₂₈	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
8/24/2000	SB-24 18-20'	<10	<10						
8/24/2000	SB-24 23-25'	<10	<10						
8/24/2000	SB-24 28-30'	<10	<10						
8/24/2000	SB-25 0-2'	<10	<10						
8/24/2000	SB-25 3-5'	<10	<10						
8/24/2000	SB-25 8-10'	<10	<10						
8/24/2000	SB-25 13-15'	<10	<10						
8/24/2000	SB-25 18-20'	<10	<10						
8/24/2000	SB-25 23-25'	<10	<10						
8/24/2000	SB-25 28-30'	<10	<10						
8/24/2000	SB-26 0-2'	<10	794						
8/24/2000	SB-26 3-5'	<10	<10						
8/24/2000	SB-26 8-10'	<10	<10						
8/24/2000	SB-26 13-15'	<10	<10						
8/24/2000	SB-26 18-20'	<10	<10						
8/24/2000	SB-26 23-25'	<10	<10						
8/24/2000	SB-26 28-30'	<10	<10						
8/25/2000	SB-27 0-2'	<10	586						
8/25/2000	SB-27 3-5'	<10	650						
8/25/2000	SB-27 8-10'	<10	<10						
8/25/2000	SB-27 13-15'	<10	<10						
8/25/2000	SB-27 18-20'	<10	<10						
8/25/2000	SB-27 23-25'	<10	<10						
8/25/2000	SB-27 28-30'	<10	<10						
8/25/2000	RW-3 0-2'	<10	<10						
8/25/2000	RW-3 3-5'	<10	<10						
8/25/2000	RW-3 8-10'	<10	<10						
8/25/2000	RW-3 13-15'	<10	<10						
8/25/2000	RW-3 18-20'	<10	<10						
8/25/2000	RW-3 23-25'	<10	<10						
8/28/2000	SB-28 0-2'	<10	<10						
8/28/2000	SB-28 3-5'	<10	<10						
8/28/2000	SB-28 8-10'	<10	<10						
8/28/2000	SB-28 13-15'	<10	<10						
8/28/2000	SB-28 18-20'	<10	<10						
8/28/2000	SB-28 23-25'	<10	<10						
8/28/2000	SB-29 0-2'	<10	<10						
8/28/2000	SB-29 3-5'	<10	<10						
8/28/2000	SB-29 8-10'	<10	<10						
8/28/2000	SB-29 13-15'	<10	<10						
8/28/2000	SB-29 18-20'	<10	<10						
8/28/2000	SB-29 23-25'	<10	<10						
8/28/2000	SB-30 0-2'	<10	<10						
8/28/2000	SB-30 3-5'	<10	<10						
8/28/2000	SB-30 8-10'	<10	<10						
8/28/2000	SB-30 13-15'	<10	<10						
8/28/2000	SB-30 18-20'	<10	<10						
8/28/2000	SB-30 23-25'	<10	<10						
8/28/2000	SB-31 0-2'	<10	<10						
8/28/2000	SB-31 3-5'	<10	<10						
8/28/2000	SB-31 8-10'	<10	<10						
8/28/2000	SB-31 13-15'	<10	<10						
8/28/2000	SB-31 18-20'	<10	<10						
8/28/2000	SB-31 23-25'	<10	<10						

Table 1

CONCENTRATIONS OF TPH & BTEX IN SOIL

PLAINS MARKETING, L.P.
 MONUMENT BARBER 10" SOUR
 MONUMENT (LEA COUNTY), NEW MEXICO

All concentrations are in mg/Kg

SAMPLE DATE	SAMPLE LOCATION	SW 846-8015M GRO/DRO		SW 846-8021B, 5030					
		GRO C ₈ -C ₁₀	DRO >C ₁₀ -C ₂₈	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
8/28/2000	MW-4 0-2'	<10	<10						
8/28/2000	MW-4 3-5'	<10	<10						
8/28/2000	MW-4 8-10'	<10	<10						
8/28/2000	MW-4 13-15'	<10	<10						
8/28/2000	MW-4 18-20'	<10	<10						
8/28/2000	MW-4 23-25'	<10	<10						

TABLE 2
GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT BARBER 10-INCH SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/16/01	3,565.64	-	28.85	0.00	3536.79
	06/04/01	3,565.64	-	28.88	0.00	3536.76
	09/27/01	3,565.64	-	28.92	0.00	3536.72
	03/27/02	3,565.64	-	28.88	0.00	3536.76
	06/25/02	3,565.64	-	28.93	0.00	3536.71
	09/24/02	3,565.64	-	28.92	0.00	3536.72
	12/19/02	3,565.64	-	28.92	0.00	3536.72
	03/05/03	3,565.64	-	28.92	0.00	3536.72
	06/18/03	3,565.64	-	28.94	0.00	3536.70
	09/11/03	3,565.64	-	28.96	0.00	3536.68
	12/04/03	3,565.64	-	28.98	0.00	3536.66
	02/26/04	3,565.64	-	28.95	0.00	3536.69
	05/18/04	3,565.64	-	28.85	0.00	3536.79
	12/14/04	3,565.64	-	28.35	0.00	3537.29
	03/10/05	3,565.64	-	28.82	0.00	3536.82
	06/13/05	3,565.64	-	28.83	0.00	3536.81
	09/13/05	3,565.64	-	28.84	0.00	3536.80
	12/06/05	3,565.64	-	28.85	0.00	3536.79
	12/21/05	3,565.64	-	28.84	0.00	3536.80
MW - 2	03/16/01	3,565.58	-	29.39	0.00	3536.19
	06/04/01	3,565.58	-	29.38	0.00	3536.20
	09/27/01	3,565.58	-	29.55	0.00	3536.03
	03/27/02	3,565.58	-	29.59	0.00	3535.99
	06/25/02	3,565.58	-	29.58	0.00	3536.00
	09/24/02	3,565.58	-	29.51	0.00	3536.07
	12/19/02	3,565.58	-	29.44	0.00	3536.14
	03/05/03	3,565.58	-	29.47	0.00	3536.11
	06/18/03	3,565.58	-	29.55	0.00	3536.03
	09/11/03	3,565.58	-	29.75	0.00	3535.83
	12/04/03	3,565.58	-	29.78	0.00	3535.80
	02/26/04	3,565.58	-	29.60	0.00	3535.98
	05/18/04	3,565.58	-	29.11	0.00	3536.47
	09/08/04	3,565.58	29.27	29.32	0.05	3536.30
	09/14/04	3,565.58	sheen	29.40	0.00	3536.18
	09/21/04	3,565.58	sheen	29.40	0.00	3536.18
	10/08/04	3,565.58	sheen	29.38	0.00	3536.20
	10/14/04	3,565.58	sheen	28.93	0.00	3536.65
	10/20/04	3,565.58	sheen	29.10	0.00	3536.48
	11/11/04	3,565.58	sheen	28.87	0.00	3536.71
	11/19/04	3,565.58	sheen	28.67	0.00	3536.91
	12/01/04	3,565.58	sheen	28.40	0.00	3537.18
	12/14/04	3,565.58	-	28.30	0.00	3537.28
	03/10/05	3,565.58	-	28.85	0.00	3536.73
	06/13/05	3,565.58	-	29.04	0.00	3536.54
	09/13/05	3,565.58	-	28.97	0.00	3536.61

TABLE 2
GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
MONUMENT BARBER 10-INCH SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-2	12/06/05	3,565.58	-	29.13	0.00	3536.45
	12/21/05	3,565.58	-	29.13	0.00	3536.45
MW - 3	03/16/01	3,567.44	30.40	30.42	0.02	3537.04
	06/04/01	3,567.44	30.42	30.50	0.08	3537.01
	09/27/01	3,567.44	30.45	30.46	0.01	3536.99
	03/27/02	3,567.44	30.46	30.60	0.14	3536.96
	06/25/02	3,567.44	-	30.45	0.00	3536.99
	09/24/02	3,567.44	-	30.46	0.00	3536.98
	10/22/02	3,567.44	-	30.51	0.00	3536.93
	12/19/02	3,567.44	30.45	30.47	0.02	3536.99
	01/07/03	3,567.44	-	30.46	0.00	3536.98
	03/05/03	3,567.44	NM	NM	NM	NM
	06/18/03	3,567.44	30.44	30.58	0.14	3536.98
	09/11/03	3,567.44	30.52	30.58	0.06	3536.91
	12/04/03	3,567.44	30.45	30.52	0.07	3536.98
	02/26/04	3,567.44	-	30.51	0.00	3536.93
	05/14/04	3,567.44	-	30.35	0.00	3537.09
	06/07/04	3,567.44	sheen	30.36	0.00	3537.08
	06/15/04	3,567.44	sheen	30.34	0.00	3537.10
	06/21/04	3,567.44	sheen	30.37	0.00	3537.07
	06/28/04	3,567.44	sheen	30.40	0.00	3537.04
	07/15/04	3,567.44	sheen	30.38	0.00	3537.06
	08/03/04	3,567.44	sheen	30.37	0.00	3537.07
	08/11/04	3,567.44	sheen	30.39	0.00	3537.05
	08/17/04	3,567.44	-	30.38	0.00	3537.06
	09/08/04	3,567.44	-	30.40	0.00	3537.04
	12/14/04	3,567.44	29.75	29.77	0.02	3537.69
	01/05/05	3,567.44	29.95	29.96	0.01	3537.49
	01/13/05	3,567.44	29.97	29.98	0.01	3537.47
	01/20/05	3,567.44	sheen	30.12	0.00	3537.32
	01/27/05	3,567.44	sheen	30.14	0.00	3537.30
	02/04/05	3,567.44	sheen	30.25	0.00	3537.19
	02/10/05	3,567.44	sheen	30.24	0.00	3537.20
	02/17/05	3,567.44	sheen	30.29	0.00	3537.15
	02/24/05	3,567.44	sheen	30.25	0.00	3537.19
	03/03/05	3,567.44	sheen	30.33	0.00	3537.11
	03/10/05	3,567.44	-	30.23	0.00	3537.21
	03/10/05	3,567.44	sheen	30.23	0.00	3537.21
	03/18/05	3,567.44	sheen	30.20	0.00	3537.24
	03/24/05	3,567.44	sheen	30.24	0.00	3537.20
	03/31/05	3,567.44	sheen	30.30	0.00	3537.14
	04/07/05	3,567.44	sheen	30.25	0.00	3537.19
	04/14/05	3,567.44	sheen	30.35	0.00	3537.09
	05/24/05	3,567.44	sheen	30.38	0.00	3537.06
	06/13/05	3,567.44	-	30.33	0.00	3537.11

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT BARBER 10-INCH SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-3	06/23/05	3,567.44	sheen	30.33	0.00	3537.11
	07/27/05	3,567.44	sheen	30.43	0.00	3537.01
	08/26/05	3,567.44	sheen	30.33	0.00	3537.11
	* 09/13/05	3,567.44	30.31	30.32	0.01	3537.13
	09/28/05	3,567.44	sheen	30.07	0.00	3537.37
	10/24/05	3,567.44	sheen	29.97	0.00	3537.47
	11/16/05	3,567.44	sheen	30.42	0.00	3537.02
	12/06/05	3,567.44	-	30.39	0.00	3537.05
	12/21/05	3,567.44	sheen	30.37	0.00	3537.07
	12/29/05	3,567.44	sheen	30.35	0.00	3537.09
MW - 4	03/16/01	3,567.27	-	30.20	0.00	3537.07
	06/04/01	3,567.27	-	30.20	0.00	3537.07
	09/27/01	3,567.27	-	30.24	0.00	3537.03
	03/27/02	3,567.27	-	30.24	0.00	3537.03
	06/25/02	3,567.27	-	30.23	0.00	3537.04
	09/24/02	3,567.27	-	30.19	0.00	3537.08
	12/19/02	3,567.27	-	30.25	0.00	3537.02
	03/05/03	3,567.27	NM	NM	0.00	NM
	06/18/03	3,567.27	-	30.28	0.00	3536.99
	09/11/03	3,567.27	-	30.29	0.00	3536.98
	12/04/03	3,567.27	-	30.32	0.00	3536.95
	02/26/04	3,567.27	-	30.26	0.00	3537.01
	05/14/04	3,567.27	-	30.18	0.00	3537.09
	09/08/04	3,567.27	-	30.26	0.00	3537.01
	12/14/04	3,567.27	-	29.60	0.00	3537.67
	03/10/05	3,567.27	-	30.05	0.00	3537.22
	06/13/05	3,567.27	-	30.13	0.00	3537.14
	09/13/05	3,567.27	-	30.13	0.00	3537.14
	12/06/05	3,567.27	-	30.17	0.00	3537.10
	12/21/05	3,567.27	-	30.17	0.00	3537.10
RW - 1	03/16/01	3,566.48	-	29.42	0.00	3537.06
	06/04/01	3,566.48	-	29.35	0.00	3537.13
	03/27/02	3,566.48	-	29.48	0.00	3537.00
	06/25/02	3,566.48	-	29.45	0.00	3537.03
	09/24/02	3,566.48	-	29.40	0.00	3537.08
	12/19/02	3,566.48	-	29.47	0.00	3537.01
	03/05/03	3,566.48	NM	NM	NM	NM
	06/18/03	3,566.48	-	29.51	0.00	3536.97
	09/11/03	3,566.48	-	29.54	0.00	3536.94
	12/04/03	3,566.48	-	29.53	0.00	3536.95
	02/26/04	3,566.48	-	29.51	0.00	3536.97
	05/14/04	3,566.48	-	29.33	0.00	3537.15
	09/08/04	3,566.48	-	29.45	0.00	3537.03
	03/10/05	3,566.48	-	29.28	0.00	3537.20

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT BARBER 10-INCH SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-1	06/13/05	3,566.48	-	29.37	0.00	3537.11
	09/13/05	3,566.48	-	29.36	0.00	3537.12
	12/06/05	3,566.48	-	29.41	0.00	3537.07
	12/21/05	3,566.48	-	29.39	0.00	3537.09
RW - 2	03/16/01	3,566.09	-	29.32	0.00	3536.77
	06/04/01	3,566.09	-	29.38	0.00	3536.71
	03/27/02	3,566.09	-	29.61	0.00	3536.48
	06/25/02	3,566.09	-	29.58	0.00	3536.51
	09/24/02	3,566.09	-	29.59	0.00	3536.50
	12/19/02	3,566.09	-	29.55	0.00	3536.54
	01/07/03	3,566.09	-	29.55	0.00	3536.54
	03/05/03	3,566.09	29.53	29.57	0.04	3536.55
	06/18/03	3,566.09	29.56	29.88	0.32	3536.48
	09/11/03	3,566.09	29.58	29.96	0.38	3536.45
	12/04/03	3,566.09	29.62	29.99	0.37	3536.41
	02/26/04	3,566.09	29.56	29.83	0.27	3536.49
	05/14/04	3,566.09	29.21	29.26	0.05	3536.87
	06/07/04	3,566.09	29.19	29.27	0.08	3536.89
	06/15/04	3,566.09	29.2	29.25	0.05	3536.88
	06/21/04	3,566.09	29.23	29.31	0.08	3536.85
	06/28/04	3,566.09	29.25	29.31	0.06	3536.83
	07/15/04	3,566.09	29.2	29.25	0.05	3536.88
	08/03/04	3,566.09	29.21	29.26	0.05	3536.87
	08/11/04	3,566.09	29.24	29.29	0.05	3536.84
	08/17/04	3,566.09	29.25	29.32	0.07	3536.83
	09/08/04	3,566.09	29.36	29.40	0.04	3536.72
	09/14/04	3,566.09	sheen	29.15	0.00	3536.94
	09/21/04	3,566.09	sheen	29.41	0.00	3536.68
	10/08/04	3,566.09	sheen	29.40	0.00	3536.69
	10/14/04	3,566.09	sheen	28.99	0.00	3537.10
	10/20/04	3,566.09	sheen	29.13	0.00	3536.96
	11/11/04	3,566.09	sheen	29.01	0.00	3537.08
	11/19/04	3,566.09	sheen	28.82	0.00	3537.27
	12/01/04	3,566.09	sheen	28.84	0.00	3537.25
	12/14/04	3,566.09	28.64	28.65	0.01	3537.45
	01/05/05	3,566.09	28.86	28.88	0.02	3537.23
	01/13/05	3,566.09	sheen	28.85	0.00	3537.24
	01/20/05	3,566.09	sheen	28.99	0.00	3537.10
	01/27/05	3,566.09	sheen	29.03	0.00	3537.06
	02/04/05	3,566.09	sheen	29.08	0.00	3537.01
	02/10/05	3,566.09	sheen	29.05	0.00	3537.04
	02/17/05	3,566.09	sheen	29.13	0.00	3536.96
	02/24/05	3,566.09	sheen	29.09	0.00	3537.00
	03/03/05	3,566.09	sheen	29.13	0.00	3536.96
	03/10/05	3,566.09	-	29.14	0.00	3536.95

TABLE 2
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT BARBER 10-INCH SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-2	03/10/05	3,566.09	sheen	29.14	0.00	3536.95
	03/18/05	3,566.09	sheen	29.10	0.00	3536.99
	03/24/05	3,566.09	sheen	29.17	0.00	3536.92
	03/31/05	3,566.09	sheen	29.24	0.00	3536.85
	04/07/05	3,566.09	sheen	29.22	0.00	3536.87
	04/14/05	3,566.09	sheen	29.15	0.00	3536.94
	05/24/05	3,566.09	sheen	29.20	0.00	3536.89
	06/13/05	3,566.09	-	29.19	0.00	3536.90
	06/23/05	3,566.09	sheen	29.14	0.00	3536.95
	07/27/05	3,566.09	sheen	29.27	0.00	3536.82
	08/26/05	3,566.09	sheen	29.20	0.00	3536.89
	09/13/05	3,566.09	29.15	29.16	0.01	3536.94
	09/28/05	3,566.09	sheen	28.58	0.00	3537.51
	10/24/05	3,566.09	sheen	28.89	0.00	3537.20
	11/16/05	3,566.09	sheen	29.23	0.00	3536.86
*	12/06/05	3,566.09	-	29.21	0.00	3536.88
	12/21/05	3,566.09	sheen	29.21	0.00	3536.88
	12/29/05	3,566.09	sheen	29.20	0.00	3536.89

Note: Unable to complete gauging or sampling on 3/5/03, ordered off-site by landowner representative.

NM = Not Measured

Elevations based on the 1929 North American Vertical Datum.

* Monitor well MW-3 and recovery well RW-2 gauging data collected on September 13, 2005, indicates a PSH thickness of 0.01 feet, this data to be incongruous based on prior and subsequent data and gistorical trends.

TABLE 3

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10" SOUR
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030					Method: 8015		BTEX
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	GRO	DRO	
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES				
					0.62				
MW-1	08/28/00	0.010	<0.001	0.003	0.001	<0.001			0.014
	12/12/00	0.210	<0.001	0.004	<0.001	<0.001	<0.50	<0.50	0.214
	03/16/01	0.382	<0.001	0.001	<0.001	<0.001			0.383
	06/04/01	0.358	<0.005	0.005	<0.005				0.363
	09/27/01	0.144	<0.001	<0.001	<0.001	<0.001			0.144
	03/27/02	0.019	<0.001	0.001	<0.001	<0.001			0.020
	06/25/02	0.014	<0.001	<0.001	<0.001	<0.001			0.014
	09/24/02	0.011	<0.001	<0.001	<0.001	<0.001	<0.5	<0.5	0.011
	12/19/02	0.006	0.005	0.004	0.005	0.002			0.022
	03/05/03	NS	NS	NS	NS	NS			0.000
	06/18/03	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	09/11/03	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	02/26/04	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	05/18/04	0.0626	<0.001	0.0203	0.0332	0.00421			0.120
	09/08/04	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	12/14/04	<0.005	<0.005	<0.005	<0.005				0.000
	03/10/05	<0.001	<0.001	<0.001	<0.001				0.000
	06/13/05	<0.001	<0.001	<0.001	<0.001				<0.001
	09/13/05	<0.001	<0.001	<0.001	<0.001				<0.001
	12/21/05	<0.001	<0.001	<0.001	<0.001				<0.001
MW-2	08/28/00	0.307	0.002	0.058	0.026	0.013			0.406
	12/12/00	0.652	0.048	0.111	0.223	0.018	0.62	<0.50	1.052
	03/16/01	0.653	<0.005	0.123	0.208	<0.005			0.984
	06/04/01	0.505	<0.005	0.095	0.088				0.688
	09/27/01	0.383	<0.001	0.020	0.004	<0.001			0.407
	03/27/02	0.087	<0.001	0.002	<0.001	<0.001			0.089
	06/25/02	0.044	<0.001	0.001	<0.001	<0.001			0.045
	09/24/02	0.129	<0.001	0.001	<0.001	<0.001	<0.5	<0.5	0.130
	12/19/02	0.015	0.006	0.004	0.006	0.002			0.033
	03/05/03	NS	NS	NS	NS	NS			0.000
	06/18/03	0.004	<0.001	<0.001	<0.001	<0.001			0.004
	09/11/03	0.003	<0.001	<0.001	<0.001	<0.001			0.003
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	02/26/04	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	05/18/04	0.0172	<0.001	0.00264	<0.002	<0.001			0.017
	12/14/04	<0.005	<0.005	<0.005	<0.005				<0.005
	03/10/05	0.001	<0.001	<0.001	<0.001				0.001
	06/13/05	<0.005	<0.005	<0.005	<0.005				<0.005
	09/13/05	<0.001	<0.001	<0.001	<0.001				<0.001
	12/21/05	<0.001	<0.001	<0.001	<0.001				<0.001
MW - 3	02/26/04	0.0143	<0.001	0.030	.00349	<0.001			0.000
	05/18/04	0.0114	<0.001	0.0319	<0.002	<0.001			0.043
	03/10/05	0.012	<0.005	<0.005	<0.005				0.012
	06/13/05	0.019	<0.005	<0.005	<0.005				0.019

TABLE 3

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10" SOUR
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030					Method: 8015		BTEX
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	GRO	DRO	
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES				
					0.62				
MW-3	09/13/05	Not Sampled							
	12/21/05	<0.001	<0.001	<0.001	0.004				0.004
MW - 4	08/28/00	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	12/12/00	0.001	<0.001	<0.001	<0.001	<0.001	<0.50	<0.50	0.001
	03/16/01	0.002	<0.001	<0.001	<0.001	<0.001			0.002
	06/04/01	0.003	<0.001	0.003	<0.001				0.006
	09/27/01	0.006	<0.001	0.001	0.002	<0.001			0.009
	03/27/02	0.001	<0.001	<0.001	<0.001	<0.001			0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	09/24/02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.5	<0.5	0.000
	12/19/02	0.003	0.003	0.002	0.003	0.001			0.012
	03/05/03	NS	NS	NS	NS	NS			0.000
	06/18/03	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	09/11/03	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	02/26/04	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	05/18/04	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	09/08/04	<0.001	<0.001	<0.001	<0.002	<0.001			0.000
	12/14/04	<0.001	<0.001	<0.001	<0.001				0.000
	03/10/05	<0.001	<0.001	<0.001	<0.001				0.000
	06/13/05	<0.001	<0.001	<0.001	<0.001				<0.001
	09/13/05	<0.001	<0.001	<0.001	<0.001				<0.001
	12/21/05	<0.001	<0.001	<0.001	<0.001				<0.001
RW - 1	12/12/00	0.408	0.003	0.189	0.227	<0.001	<0.50	1.10	0.827
	03/16/01	0.395	0.005	0.193	0.173	<0.001			0.766
	06/04/01	0.027	0.016	0.159	0.127				0.329
	09/27/01	0.215	0.001	0.101	0.055	<0.001			0.372
	03/27/02	0.125	<0.001	0.050	0.018	<0.001			0.193
	06/25/02	0.101	<0.001	0.073	0.021	<0.001			0.195
	09/24/02	0.095	<0.001	0.049	0.007	<0.001	<0.729	<0.5	0.151
	12/19/02	0.061	0.003	0.048	0.018	0.002			0.132
	03/05/03	NS	NS	NS	NS	NS			0.000
	06/18/03	0.008	<0.001	0.002	<0.001	<0.001			0.010
	09/11/03	0.008	<0.001	0.004	<0.001	<0.001			0.012
	12/04/03	0.004	<0.001	<0.001	<0.002	<0.001			0.004
	02/26/04	0.00931	<0.001	0.0108	<0.002	<0.001			0.009
	05/18/04	0.0186	<0.001	0.0407	0.0854	<0.001			0.145
	09/08/04	0.0151	<0.001	0.0109	0.00911	<0.001			0.035
	12/14/04	0.00520	<0.005	<0.005	<0.005				0.000
	03/10/05	0.003	<0.001	<0.001	<0.001				0.003
	06/13/05	<0.005	<0.005	<0.005	<0.005				<0.005
	09/13/05	0.001	<0.001	<0.001	0.002				0.003
	12/21/05	<0.001	<0.001	<0.001	<0.001				<0.001
RW - 2	12/12/00	0.635	0.040	0.170	0.267	0.022	0.68	1.87	1.134

TABLE 3

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
 MONUMENT 10" SOUR
 LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030					Method: 8015		BTEX
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	GRO	DRO	
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES				
					0.62				
RW-2	03/16/01	0.460	0.010	0.143	0.176	<0.010			0.789
	06/04/01	0.061	0.017	0.167	0.188				0.433
	09/27/01	0.821	0.001	0.080	0.054	0.002			0.958
	03/27/02	0.181	<0.001	0.002	0.002	<0.001			0.185
	06/25/02	0.396	<0.001	0.007	0.003	<0.001			0.406
	09/24/02	0.903	<0.001	0.026	0.011	<0.001	<0.5	<0.5	0.940
	12/19/02	0.352	0.002	0.014	0.013	<0.001			0.381
	03/05/03	NS	NS	NS	NS	NS			0.000
	03/10/05	0.012	<0.001	0.002	0.005				0.019
	06/13/05	0.010	<0.005	<0.005	<0.005				0.010
	09/13/05	Not Sampled							
	12/21/05	0.003	<0.001	<0.001	<0.001				0.003
EB - 1	12/12/00	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	03/16/01	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	06/04/01	<0.001	<0.001	<0.001	<0.001				0.000
	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	09/24/02	<0.001	<0.001	<0.001	<0.001	<0.001			0.000
	12/19/02	<0.001	<0.001	<0.001	<0.001	<0.001			0.000

Note: EB-1 denotes equipment blank collected on sampling date.

NS = Not Sampled

Appendices

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

1st I
N. French Dr., Hobbs, NM 88240
1st II
South First, Artesia, NM 88210
1st III
Rio Brazos Road, Aztec, NM 87410
1st IV
South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-141
Revised March 17, 1999

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

Company T Energy Pipeline Limited Partnership	Contact Glenn Waldrop
Address Box 1660, Midland, TX 79702	Telephone No. 915/684-3453
Facility Name Monument 10" Sour (6")	Facility Type Pipeline

Land Owner Estate	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
32	19S	37E					Lee

NATURE OF RELEASE

Release Crude Oil	Volume of Release 1,600 bbls	Volume Recovered 1,350 bbls
Date of Release 8/8/2000	Date and Hour of Occurrence August 8, 2000	Date and Hour of Discovery August 8, 2000 at 10 AM
Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Donna Williams - NMOCD, Hobbs District Office	
Watercourse Reached? ☐ Yes ☒ No	Date and Hour August 8, 2000	
If YES, Volume Impacting the Watercourse.		

Watercourse was Impacted, Describe Fully.

Cause of Problem and Remedial Action Taken.

Well broke on the west end of valve flange. Released oil was contained in a bell hole and ditch. Bellhole (35'x45'x10'deep) filled to top and flowed into a ditch 100 yards long. Oil was recovered with a vacuum truck.

Area Affected and Cleanup Action Taken.

Impacted soil, from the ditch only, was excavated and hauled to a landfarm for treatment. Soils in the bellhole could not be removed due to the presence of pipelines. ETGI has begun delineating the site and will prepare a remediation workplan.

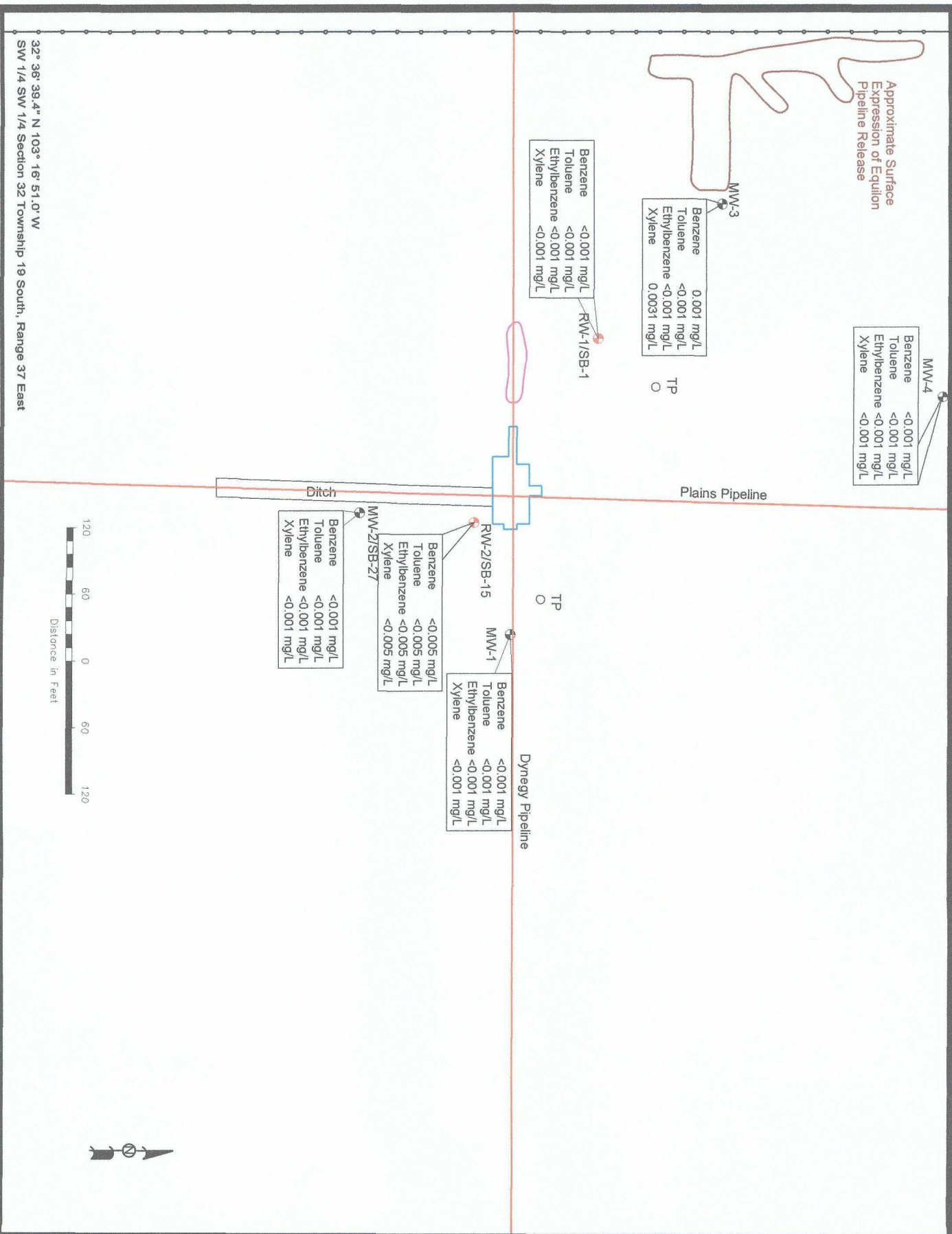
I certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may pose a threat to public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of responsibility should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature <i>Glenn Waldrop</i>	Approved by District Supervisor:	
Name: Glenn Waldrop	Approval Date:	Expiration Date:
District Manager	Conditions of Approval:	Attached ☐
1/7/00 Phone: 915/684-3453		

Additional Sheets If Necessary

MONUMENT BARRIER
MONUMENT 10" SOUR



32° 36' 39.4" N 103° 16' 51.0" W
SW 1/4 SW 1/4 Section 32 Township 19 South, Range 37 East

TABLE 3

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10" SOUR
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES	
					0.62	
MW-1	08/28/00	0.010	<0.001	0.003	0.001	<0.001
	12/12/00	0.210	<0.001	0.004	<0.001	<0.001
	03/16/01	0.382	<0.001	0.001	<0.001	<0.001
	06/04/01	0.358	<0.005	0.005	<0.005	
	09/27/01	0.144	<0.001	<0.001	<0.001	<0.001
	03/27/02	0.019	<0.001	0.001	<0.001	<0.001
	06/25/02	0.014	<0.001	<0.001	<0.001	<0.001
	09/24/02	0.011	<0.001	<0.001	<0.001	<0.001
	12/19/02	0.006	0.005	0.004	0.005	0.002
	03/05/03	NA	NA	NA	NA	NA
	06/18/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/18/04	0.0626	<0.001	0.0203	0.0332	0.00421
	09/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/14/04	<0.005	<0.005	<0.005	<0.005	
	03/10/05	<0.001	<0.001	<0.001	<0.001	
	06/13/05	<0.001	<0.001	<0.001	<0.001	
	09/13/05	<0.001	<0.001	<0.001	<0.001	
	12/21/05	<0.001	<0.001	<0.001	<0.001	
	03/13/06	<0.001	<0.001	<0.001	0.002	
	06/12/06	<0.001	<0.001	<0.001	<0.001	
	09/08/06	<0.001	<0.001	<0.001	<0.001	
	01/04/07	<0.001	<0.001	<0.001	<0.001	
	02/19/07	<0.001	<0.001	<0.001	<0.001	
	05/07/07	<0.001	<0.001	<0.001	<0.001	
	08/08/07	<0.001	<0.001	<0.001	<0.001	
	11/16/07	<0.001	<0.001	<0.001	<0.001	
MW-2	08/28/00	0.307	0.002	0.058	0.026	0.013
	12/12/00	0.652	0.048	0.111	0.223	0.018
	03/16/01	0.653	<0.005	0.123	0.208	<0.005
	06/04/01	0.505	<0.005	0.095	0.088	
	09/27/01	0.383	<0.001	0.020	0.004	<0.001
	03/27/02	0.087	<0.001	0.002	<0.001	<0.001
	06/25/02	0.044	<0.001	0.001	<0.001	<0.001
	09/24/02	0.129	<0.001	0.001	<0.001	<0.001
	12/19/02	0.015	0.006	0.004	0.006	0.002
	03/05/03	NA	NA	NA	NA	NA
	06/18/03	0.004	<0.001	<0.001	<0.001	<0.001

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SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES	
					0.62	
MW-2	09/11/03	0.003	<0.001	<0.001	<0.001	<0.001
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/18/04	0.0172	<0.001	0.00264	<0.002	<0.001
	12/14/04	<0.005	<0.005	<0.005	<0.005	
	03/10/05	0.0012	<0.001	<0.001	<0.001	
	06/13/05	<0.005	<0.005	<0.005	<0.005	
	09/13/05	<0.001	<0.001	<0.001	<0.001	
	12/21/05	<0.001	<0.001	<0.001	<0.001	
	03/13/06	<0.001	<0.001	<0.001	<0.001	
	06/12/06	<0.001	<0.001	<0.001	<0.001	
	09/08/06	0.002	<0.001	0.006	0.019	
	01/04/07	<0.001	<0.001	<0.001	<0.001	
	02/19/07	<0.001	<0.001	<0.001	<0.001	
	05/07/07	<0.001	<0.001	<0.001	<0.001	
	08/08/07	<0.001	<0.001	<0.001	<0.001	
	11/16/07	<0.001	<0.001	<0.001	<0.001	
MW - 3	02/26/04	0.0143	<0.001	0.030	.00349	<0.001
	05/18/04	0.0114	<0.001	0.0319	<0.002	<0.001
	03/10/05	0.012	<0.005	<0.005	<0.005	
	06/13/05	0.019	<0.005	<0.005	<0.005	
	09/13/05	Not Sampled				
	12/21/05	<0.001	<0.001	<0.001	0.004	
	03/13/06	0.002	<0.001	<0.001	0.003	
	06/12/06	0.002	<0.001	<0.001	0.001	
	09/08/06	<0.001	<0.001	0.003	0.013	
	01/04/07	<0.001	<0.001	<0.001	0.004	
	02/19/07	<0.001	<0.001	<0.001	0.005	
	05/07/07	<0.001	<0.001	<0.001	0.005	
	08/08/07	<0.001	<0.001	<0.001	<0.001	
	11/16/07	0.001	<0.001	<0.001	0.0031	
MW - 4	08/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/12/00	0.001	<0.001	<0.001	<0.001	<0.001
	03/16/01	0.002	<0.001	<0.001	<0.001	<0.001
	06/04/01	0.003	<0.001	0.003	<0.001	
	09/27/01	0.006	<0.001	0.001	0.002	<0.001
	03/27/02	0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/24/02	<0.001	<0.001	<0.001	<0.001	<0.001

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CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10" SOUR
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES	
					0.62	
MW - 4	12/19/02	0.003	0.003	0.002	0.003	0.001
	03/05/03	NA	NA	NA	NA	NA
	06/18/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/11/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/04/03	<0.001	<0.001	<0.001	<0.002	<0.001
	02/26/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/18/04	<0.001	<0.001	<0.001	<0.002	<0.001
	09/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/14/04	<0.001	<0.001	<0.001	<0.001	
	03/10/05	<0.001	<0.001	<0.001	<0.001	
	06/13/05	<0.001	<0.001	<0.001	<0.001	
	09/13/05	<0.001	<0.001	<0.001	<0.001	
	12/21/05	<0.001	<0.001	<0.001	<0.001	
	03/13/06	<0.001	<0.001	<0.001	<0.001	
	06/12/06	<0.001	<0.001	<0.001	<0.001	
	09/08/06	<0.001	<0.001	<0.001	<0.001	
	01/04/07	<0.001	<0.001	<0.001	<0.001	
	02/19/07	<0.001	<0.001	<0.001	<0.001	
	05/07/07	<0.001	<0.001	<0.001	<0.001	
	08/08/07	<0.001	<0.001	<0.001	<0.001	
	11/16/07	<0.001	<0.001	<0.001	<0.001	
RW - 1	12/12/00	0.408	0.003	0.189	0.227	<0.001
	03/16/01	0.395	0.005	0.193	0.173	<0.001
	06/04/01	0.027	0.016	0.159	0.127	
	09/27/01	0.215	0.001	0.101	0.055	<0.001
	03/27/02	0.125	<0.001	0.050	0.018	<0.001
	06/25/02	0.101	<0.001	0.073	0.021	<0.001
	09/24/02	0.095	<0.001	0.049	0.007	<0.001
	12/19/02	0.061	0.003	0.048	0.018	0.002
	03/05/03	NA	NA	NA	NA	NA
	06/18/03	0.008	<0.001	0.002	<0.001	<0.001
	09/11/03	0.008	<0.001	0.004	<0.001	<0.001
	12/04/03	0.004	<0.001	<0.001	<0.002	<0.001
	02/26/04	0.00931	<0.001	0.0108	<0.002	<0.001
	05/18/04	0.0186	<0.001	0.0407	0.0854	<0.001
	09/08/04	0.0151	<0.001	0.0109	0.00911	<0.001
	12/14/04	0.00520	<0.005	<0.005	<0.005	
	03/10/05	0.0032	<0.001	<0.001	<0.001	
	06/13/05	<0.005	<0.005	<0.005	<0.005	
	09/13/05	0.0012	<0.001	<0.001	0.002	

TABLE 3

CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
MONUMENT 10" SOUR
LEA COUNTY, NEW MEXICO

Results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	Method: SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES	
					0.62	
RW - 1	12/21/05	<0.001	<0.001	<0.001	<0.001	
	03/13/06	<0.001	<0.001	<0.001	<0.001	
	06/12/06	<0.001	<0.001	<0.001	<0.001	
	09/08/06	0.003	<0.001	0.004	0.017	
	01/04/07	<0.001	<0.001	<0.001	0.002	
	02/19/07	<0.001	<0.001	<0.001	<0.001	
	05/07/07	<0.001	<0.001	<0.001	<0.001	
	08/08/07	<0.001	<0.001	<0.001	<0.001	
	11/16/07	<0.001	<0.001	<0.001	<0.001	
RW - 2	12/12/00	0.635	0.040	0.170	0.267	0.022
	03/16/01	0.460	0.010	0.143	0.176	<0.010
	06/04/01	0.061	0.017	0.167	0.188	
	09/27/01	0.821	0.001	0.080	0.054	0.002
	03/27/02	0.181	<0.001	0.002	0.002	<0.001
	06/25/02	0.396	<0.001	0.007	0.003	<0.001
	09/24/02	0.903	<0.001	0.026	0.011	<0.001
	12/19/02	0.352	0.002	0.014	0.013	<0.001
	03/05/03	NA	NA	NA	NA	NA
	03/10/05	0.0117	<0.001	0.0019	0.0052	
	06/13/05	0.010	<0.005	<0.005	<0.005	
	09/13/05	Not Sampled				
	12/21/05	0.003	<0.001	<0.001	<0.001	
	03/13/06	0.002	<0.001	<0.001	0.004	
	06/12/06	<0.001	<0.001	<0.001	<0.001	
	09/08/06	0.007	<0.001	0.008	0.020	
	01/04/07	0.003	<0.001	<0.001	0.003	
	02/19/07	<0.001	<0.001	<0.001	0.001	
	05/07/07	<0.001	<0.001	<0.001	0.001	
	08/08/07	<0.001	<0.001	<0.001	0.001	
	11/16/07	<0.005	<0.005	<0.005	<0.005	
EB - 1	12/12/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/16/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/04/01	<0.001	<0.001	<0.001	<0.001	
	03/27/02	<0.001	<0.001	<0.001	<0.001	<0.001
	06/25/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/24/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/19/02	<0.001	<0.001	<0.001	<0.001	<0.001

Note: EB-1 denotes equipment blank collected on sampling date.

N/A = Not Applicable

TABLE 1
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT BARBER ESTATE 10" SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	03/16/01	3,565.64	-	28.85	0.00	3536.79
	06/04/01	3,565.64	-	28.88	0.00	3536.76
	09/27/01	3,565.64	-	28.92	0.00	3536.72
	03/27/02	3,565.64	-	28.88	0.00	3536.76
	06/25/02	3,565.64	-	28.93	0.00	3536.71
	09/24/02	3,565.64	-	28.92	0.00	3536.72
	12/19/02	3,565.64	-	28.92	0.00	3536.72
	03/05/03	3,565.64	-	28.92	0.00	3536.72
	06/18/03	3,565.64	-	28.94	0.00	3536.70
	09/11/03	3,565.64	-	28.96	0.00	3536.68
	12/04/03	3,565.64	-	28.98	0.00	3536.66
	02/26/04	3,565.64	-	28.95	0.00	3536.69
	05/18/04	3,565.64	-	28.85	0.00	3536.79
	12/14/04	3,565.64	-	28.35	0.00	3537.29
	03/10/05	3,565.64	-	28.82	0.00	3536.82
	06/13/05	3,565.64	-	28.83	0.00	3536.81
	09/13/05	3,565.64	-	28.84	0.00	3536.80
	12/06/05	3,565.64	-	28.85	0.00	3536.79
	12/21/05	3,565.64	-	28.84	0.00	3536.80
	03/13/06	3,565.64	-	28.91	0.00	3536.73
	06/12/06	3,565.64	-	28.97	0.00	3536.67
	07/19/06	3,565.64	-	28.93	0.00	3536.71
	09/08/06	3,565.64	-	28.72	0.00	3536.92
	01/04/07	3,565.64	-	28.80	0.00	3536.84
	02/19/07	3,565.64	-	28.83	0.00	3536.81
	05/07/07	3,565.64	-	28.87	0.00	3536.77
	08/08/07	3,565.64	-	28.88	0.00	3536.76
	11/16/07	3,565.64	-	28.90	0.00	3536.74
MW - 2	03/16/01	3,565.58	-	29.39	0.00	3536.19
	06/04/01	3,565.58	-	29.38	0.00	3536.20
	09/27/01	3,565.58	-	29.55	0.00	3536.03
	03/27/02	3,565.58	-	29.59	0.00	3535.99
	06/25/02	3,565.58	-	29.58	0.00	3536.00
	09/24/02	3,565.58	-	29.51	0.00	3536.07
	12/19/02	3,565.58	-	29.44	0.00	3536.14
	03/05/03	3,565.58	-	29.47	0.00	3536.11
	06/18/03	3,565.58	-	29.55	0.00	3536.03
	09/11/03	3,565.58	-	29.75	0.00	3535.83
	12/04/03	3,565.58	-	29.78	0.00	3535.80
	02/26/04	3,565.58	-	29.60	0.00	3535.98

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
MONUMENT BARBER ESTATE 10" SOUR
LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	05/18/04	3,565.58	-	29.11	0.00	3536.47
	09/08/04	3,565.58	29.27	29.32	0.05	3536.30
	09/14/04	3,565.58	sheen	29.40	0.00	3536.18
	09/21/04	3,565.58	sheen	29.40	0.00	3536.18
	10/08/04	3,565.58	sheen	29.38	0.00	3536.20
	10/14/04	3,565.58	sheen	28.93	0.00	3536.65
	10/20/04	3,565.58	sheen	29.10	0.00	3536.48
	11/11/04	3,565.58	sheen	28.87	0.00	3536.71
	11/19/04	3,565.58	sheen	28.67	0.00	3536.91
	12/01/04	3,565.58	sheen	28.40	0.00	3537.18
	12/14/04	3,565.58	-	28.30	0.00	3537.28
	03/10/05	3,565.58	-	28.85	0.00	3536.73
	06/13/05	3,565.58	-	29.04	0.00	3536.54
	09/13/05	3,565.58	-	28.97	0.00	3536.61
	12/06/05	3,565.58	-	29.13	0.00	3536.45
	12/21/05	3,565.58	-	29.13	0.00	3536.45
	03/13/06	3,565.58	-	29.25	0.00	3536.33
	06/12/06	3,565.58	-	29.36	0.00	3536.22
	09/08/06	3,565.58	-	28.61	0.00	3536.97
	01/04/07	3,565.58	-	28.86	0.00	3536.72
	02/19/07	3,565.58	-	29.00	0.00	3536.58
	05/07/07	3,565.58	-	29.01	0.00	3536.57
	08/08/07	3,565.58	-	29.11	0.00	3536.47
	11/16/07	3,565.58	-	29.18	0.00	3536.40
MW - 3	03/16/01	3,567.44	30.40	30.42	0.02	3537.04
	06/04/01	3,567.44	30.42	30.50	0.08	3537.01
	09/27/01	3,567.44	30.45	30.46	0.01	3536.99
	03/27/02	3,567.44	30.46	30.60	0.14	3536.96
	06/25/02	3,567.44	-	30.45	0.00	3536.99
	09/24/02	3,567.44	-	30.46	0.00	3536.98
	10/22/02	3,567.44	-	30.51	0.00	3536.93
	12/19/02	3,567.44	30.45	30.47	0.02	3536.99
	01/07/03	3,567.44	-	30.46	0.00	3536.98
	03/05/03	3,567.44	NM	NM	NM	NM
	06/18/03	3,567.44	30.44	30.58	0.14	3536.98
	09/11/03	3,567.44	30.52	30.58	0.06	3536.91
	12/04/03	3,567.44	30.45	30.52	0.07	3536.98
	02/26/04	3,567.44	-	30.51	0.00	3536.93
	05/14/04	3,567.44	-	30.35	0.00	3537.09

TABLE 1
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT BARBER ESTATE 10" SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	06/07/04	3,567.44	sheen	30.36	0.00	3537.08
	06/15/04	3,567.44	sheen	30.34	0.00	3537.10
	06/21/04	3,567.44	sheen	30.37	0.00	3537.07
	06/28/04	3,567.44	sheen	30.40	0.00	3537.04
	07/15/04	3,567.44	sheen	30.38	0.00	3537.06
	08/03/04	3,567.44	sheen	30.37	0.00	3537.07
	08/11/04	3,567.44	sheen	30.39	0.00	3537.05
	08/17/04	3,567.44	-	30.38	0.00	3537.06
	09/08/04	3,567.44	-	30.40	0.00	3537.04
	12/14/04	3,567.44	29.75	29.77	0.02	3537.69
	01/05/05	3,567.44	29.95	29.96	0.01	3537.49
	01/13/05	3,567.44	29.97	29.98	0.01	3537.47
	01/20/05	3,567.44	sheen	30.12	0.00	3537.32
	01/27/05	3,567.44	sheen	30.14	0.00	3537.30
	02/04/05	3,567.44	sheen	30.25	0.00	3537.19
	02/10/05	3,567.44	sheen	30.24	0.00	3537.20
	02/17/05	3,567.44	sheen	30.29	0.00	3537.15
	02/24/05	3,567.44	sheen	30.25	0.00	3537.19
	03/03/05	3,567.44	sheen	30.33	0.00	3537.11
	03/10/05	3,567.44	-	30.23	0.00	3537.21
	03/10/05	3,567.44	sheen	30.23	0.00	3537.21
	03/18/05	3,567.44	sheen	30.20	0.00	3537.24
	03/24/05	3,567.44	sheen	30.24	0.00	3537.20
	03/31/05	3,567.44	sheen	30.30	0.00	3537.14
	04/07/05	3,567.44	sheen	30.25	0.00	3537.19
	04/14/05	3,567.44	sheen	30.35	0.00	3537.09
	05/24/05	3,567.44	sheen	30.38	0.00	3537.06
	06/13/05	3,567.44	-	30.33	0.00	3537.11
	06/23/05	3,567.44	sheen	30.33	0.00	3537.11
	07/27/05	3,567.44	sheen	30.43	0.00	3537.01
	08/26/05	3,567.44	sheen	30.33	0.00	3537.11
*	09/13/05	3,567.44	30.31	30.32	0.01	3537.13
	09/28/05	3,567.44	sheen	30.07	0.00	3537.37
	10/24/05	3,567.44	sheen	29.97	0.00	3537.47
	11/16/05	3,567.44	sheen	30.42	0.00	3537.02
	12/06/05	3,567.44	-	30.39	0.00	3537.05
	12/21/05	3,567.44	sheen	30.37	0.00	3537.07
	12/29/05	3,567.44	sheen	30.35	0.00	3537.09
	01/18/06	3,567.44	sheen	29.18	0.00	3538.26
	02/15/06	3,567.44	sheen	30.39	0.00	3537.05

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 MONUMENT BARBER ESTATE 10" SOUR
 LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	03/13/06	3,567.44	sheen	30.38	0.00	3537.06
	03/20/06	3,567.44	sheen	30.40	0.00	3537.04
	04/19/06	3,567.44	sheen	30.39	0.00	3537.05
	05/24/06	3,567.44	sheen	30.39	0.00	3537.05
	06/12/06	3,567.44	-	30.39	0.00	3537.05
	07/19/06	3,567.44	sheen	30.44	0.00	3537.00
	09/08/06	3,567.44	-	30.11	0.00	3537.33
	01/04/07	3,567.44	-	30.30	0.00	3537.14
	02/19/07	3,567.44	sheen	30.36	0.00	3537.08
	05/07/07	3,567.44	-	30.32	0.00	3537.12
	08/08/07	3,567.44	-	30.33	0.00	3537.11
	11/16/07	3,567.44	sheen	30.42	0.00	3537.02
MW - 4	03/16/01	3,567.27	-	30.20	0.00	3537.07
	06/04/01	3,567.27	-	30.20	0.00	3537.07
	09/27/01	3,567.27	-	30.24	0.00	3537.03
	03/27/02	3,567.27	-	30.24	0.00	3537.03
	06/25/02	3,567.27	-	30.23	0.00	3537.04
	09/24/02	3,567.27	-	30.19	0.00	3537.08
	12/19/02	3,567.27	-	30.25	0.00	3537.02
	03/05/03	3,567.27	NM	NM	0.00	NM
	06/18/03	3,567.27	-	30.28	0.00	3536.99
	09/11/03	3,567.27	-	30.29	0.00	3536.98
	12/04/03	3,567.27	-	30.32	0.00	3536.95
	02/26/04	3,567.27	-	30.26	0.00	3537.01
	05/14/04	3,567.27	-	30.18	0.00	3537.09
	09/08/04	3,567.27	-	30.26	0.00	3537.01
	12/14/04	3,567.27	-	29.60	0.00	3537.67
	03/10/05	3,567.27	-	30.05	0.00	3537.22
	06/13/05	3,567.27	-	30.13	0.00	3537.14
	09/13/05	3,567.27	-	30.13	0.00	3537.14
	12/06/05	3,567.27	-	30.17	0.00	3537.10
	12/21/05	3,567.27	-	30.17	0.00	3537.10
	03/13/06	3,567.27	-	30.19	0.00	3537.08
	06/12/06	3,567.27	-	30.22	0.00	3537.05
	09/08/06	3,567.27	-	29.89	0.00	3537.38
	01/04/07	3,567.27	-	30.88	0.00	3536.39
	02/19/07	3,567.27	-	30.13	0.00	3537.14
	05/07/07	3,567.27	-	30.15	0.00	3537.12
	08/08/07	3,567.27	-	30.19	0.00	3537.08

TABLE 1

GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
 MONUMENT BARBER ESTATE 10" SOUR
 LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	11/16/07	3,567.27	-	30.19	0.00	3537.08
RW - 1	03/16/01	3,566.48	-	29.42	0.00	3537.06
	06/04/01	3,566.48	-	29.35	0.00	3537.13
	03/27/02	3,566.48	-	29.48	0.00	3537.00
	06/25/02	3,566.48	-	29.45	0.00	3537.03
	09/24/02	3,566.48	-	29.40	0.00	3537.08
	12/19/02	3,566.48	-	29.47	0.00	3537.01
	03/05/03	3,566.48	NM	NM	NM	NM
	06/18/03	3,566.48	-	29.51	0.00	3536.97
	09/11/03	3,566.48	-	29.54	0.00	3536.94
	12/04/03	3,566.48	-	29.53	0.00	3536.95
	02/26/04	3,566.48	-	29.51	0.00	3536.97
	05/14/04	3,566.48	-	29.33	0.00	3537.15
	09/08/04	3,566.48	-	29.45	0.00	3537.03
	03/10/05	3,566.48	-	29.28	0.00	3537.20
	06/13/05	3,566.48	-	29.37	0.00	3537.11
	09/13/05	3,566.48	-	29.36	0.00	3537.12
	12/06/05	3,566.48	-	29.41	0.00	3537.07
	12/21/05	3,566.48	-	29.39	0.00	3537.09
	03/13/06	3,566.48	-	29.41	0.00	3537.07
	06/12/06	3,566.48	-	29.43	0.00	3537.05
	09/08/06	3,566.48	-	29.12	0.00	3537.36
	01/04/07	3,566.48	-	29.29	0.00	3537.19
	02/19/07	3,566.48	-	29.38	0.00	3537.10
	05/07/07	3,566.48	-	29.32	0.00	3537.16
	08/08/07	3,566.48	-	29.41	0.00	3537.07
	11/16/07	3,566.48	-	29.43	0.00	3537.05
RW - 2	03/16/01	3,566.09	-	29.32	0.00	3536.77
	06/04/01	3,566.09	-	29.38	0.00	3536.71
	03/27/02	3,566.09	-	29.61	0.00	3536.48
	06/25/02	3,566.09	-	29.58	0.00	3536.51
	09/24/02	3,566.09	-	29.59	0.00	3536.50
	12/19/02	3,566.09	-	29.55	0.00	3536.54
	01/07/03	3,566.09	-	29.55	0.00	3536.54
	03/05/03	3,566.09	29.53	29.57	0.04	3536.55
	06/18/03	3,566.09	29.56	29.88	0.32	3536.48
	09/11/03	3,566.09	29.58	29.96	0.38	3536.45
	12/04/03	3,566.09	29.62	29.99	0.37	3536.41

TABLE 1**GROUNDWATER ELEVATION DATA**

**PLAINS MARKETING, L.P.
MONUMENT BARBER ESTATE 10" SOUR
LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW - 2	02/26/04	3,566.09	29.56	29.83	0.27	3536.49
	05/14/04	3,566.09	29.21	29.26	0.05	3536.87
	06/07/04	3,566.09	29.19	29.27	0.08	3536.89
	06/15/04	3,566.09	29.20	29.25	0.05	3536.88
	06/21/04	3,566.09	29.23	29.31	0.08	3536.85
	06/28/04	3,566.09	29.25	29.31	0.06	3536.83
	07/15/04	3,566.09	29.20	29.25	0.05	3536.88
	08/03/04	3,566.09	29.21	29.26	0.05	3536.87
	08/11/04	3,566.09	29.24	29.29	0.05	3536.84
	08/17/04	3,566.09	29.25	29.32	0.07	3536.83
	09/08/04	3,566.09	29.36	29.40	0.04	3536.72
	09/14/04	3,566.09	sheen	29.15	0.00	3536.94
	09/21/04	3,566.09	sheen	29.41	0.00	3536.68
	10/08/04	3,566.09	sheen	29.40	0.00	3536.69
	10/14/04	3,566.09	sheen	28.99	0.00	3537.10
	10/20/04	3,566.09	sheen	29.13	0.00	3536.96
	11/11/04	3,566.09	sheen	29.01	0.00	3537.08
	11/19/04	3,566.09	sheen	28.82	0.00	3537.27
	12/01/04	3,566.09	sheen	28.84	0.00	3537.25
	12/14/04	3,566.09	28.64	28.65	0.01	3537.45
	01/05/05	3,566.09	28.86	28.88	0.02	3537.23
	01/13/05	3,566.09	sheen	28.85	0.00	3537.24
	01/20/05	3,566.09	sheen	28.99	0.00	3537.10
	01/27/05	3,566.09	sheen	29.03	0.00	3537.06
	02/04/05	3,566.09	sheen	29.08	0.00	3537.01
	02/10/05	3,566.09	sheen	29.05	0.00	3537.04
	02/17/05	3,566.09	sheen	29.13	0.00	3536.96
	02/24/05	3,566.09	sheen	29.09	0.00	3537.00
	03/03/05	3,566.09	sheen	29.13	0.00	3536.96
	03/10/05	3,566.09	-	29.14	0.00	3536.95
	03/10/05	3,566.09	sheen	29.14	0.00	3536.95
	03/18/05	3,566.09	sheen	29.10	0.00	3536.99
	03/24/05	3,566.09	sheen	29.17	0.00	3536.92
	03/31/05	3,566.09	sheen	29.24	0.00	3536.85
	04/07/05	3,566.09	sheen	29.22	0.00	3536.87
	04/14/05	3,566.09	sheen	29.15	0.00	3536.94
	05/24/05	3,566.09	sheen	29.20	0.00	3536.89
	06/13/05	3,566.09	-	29.19	0.00	3536.90
	06/23/05	3,566.09	sheen	29.14	0.00	3536.95
	07/27/05	3,566.09	sheen	29.27	0.00	3536.82

TABLE 1
GROUNDWATER ELEVATION DATA
PLAINS MARKETING, L.P.
MONUMENT BARBER ESTATE 10" SOUR
LEA COUNTY, NEW MEXICO

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW - 2	08/26/05	3,566.09	sheen	29.20	0.00	3536.89
*	09/13/05	3,566.09	29.15	29.16	0.01	3536.94
	09/28/05	3,566.09	sheen	28.58	0.00	3537.51
	10/24/05	3,566.09	sheen	28.89	0.00	3537.20
	11/16/05	3,566.09	sheen	29.23	0.00	3536.86
	12/06/05	3,566.09	-	29.21	0.00	3536.88
	12/21/05	3,566.09	sheen	29.21	0.00	3536.88
	12/29/05	3,566.09	sheen	29.20	0.00	3536.89
	01/18/06	3,566.09	sheen	30.33	0.00	3535.76
	02/15/06	3,566.09	sheen	29.27	0.00	3536.82
	03/13/06	3,566.09	sheen	29.31	0.00	3536.78
	03/20/06	3,566.09	sheen	29.33	0.00	3536.76
	05/24/06	3,566.09	sheen	29.36	0.00	3536.73
	06/12/06	3,566.09	-	29.41	0.00	3536.68
	07/19/06	3,566.09	-	29.41	0.00	3536.68
	09/08/06	3,566.09	-	28.95	0.00	3537.14
	01/04/07	3,566.09	-	29.06	0.00	3537.03
	02/19/07	3,566.09	sheen	29.14	0.00	3536.95
	05/07/07	3,566.09	-	29.19	0.00	3536.90
	08/08/07	3,566.09	-	29.28	0.00	3536.81
	11/16/07	3,566.09	-	29.30	0.00	3536.79

Note: Unable to complete gauging or sampling on 3/5/03, ordered off-site by landowner representative.
Elevations based on the 1929 North American Vertical Datum.

* Monitor well MW-3 and recovery well RW-2 gauging data collected on September 13, 2005, indicates a PSH thickness of 0.01 feet, this data appears to be incongruous based on prior and subsequent data and historical trends.