

**1R - 110**

# **WORKPLANS**

**Date:**

**May 2013**



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## SOIL INVESTIGATION WORK PLAN

2013 JUL -1 P 12:32

### TNM-MONUMENT #2

LEA COUNTY, NEW MEXICO

SW ¼ SW ¼ SECTION 06, TOWNSHIP 20 SOUTH, RANGE 37 EAST

NW ¼ NW ¼ SECTION 07, TOWNSHIP 20 SOUTH, RANGE 37 EAST

PLAINS EMS NUMBER: TNM MONUMENT-2

NMOCD FILE NUMBER 1R-0110

Prepared For:

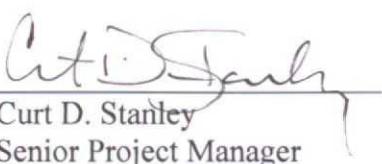
PLAINS MARKETING, L.P.  
333 CLAY STREET, SUITE 1600  
HOUSTON, TEXAS 77002

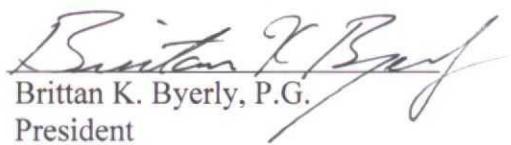


Prepared By:

NOVA Safety and Environmental  
2057 Commerce Street  
Midland, Texas 79703

May 2013

  
Curt D. Stanley  
Senior Project Manager

  
Brittan K. Byerly, P.G.  
President



**PLAINS**  
PIPELINE, L.P.

RECEIVED OCD

June 28, 2013

2013 JUL -1 P 12:30

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

RE: Plains Pipeline, L.P. TNM-Monument #2 Site  
NMOCD Reference # 1R-0110  
Unit Letter M of Section 06, Township 20 South, Range 37 East  
Unit Letter D of Section 07, Township 20 South, Range 37 East  
Lea County, New Mexico

Dear Mr. Hansen:

Plains Pipeline, L.P. is pleased to submit the attached *Site Investigation Work Plan*, dated May 2013, for the TNM-Monument #2 site. This document provides details regarding the proposed implementation of soil investigation activities at the site.

Should you have any questions or comments, please contact me at (575) 441-1099.

Sincerely,

A handwritten signature in black ink that reads "Jason Henry".

Jason Henry  
Remediation Coordinator  
Plains Pipeline, L.P.

CC: Geoff Leking, NMOCD, Hobbs Office

Enclosure

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## **1.0 INTRODUCTION**

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Soil Investigation Work Plan for the site known as TNM Monument 2. The purpose of this Soil Investigation Work Plan is to summarize known soil data, evaluate the degradation of identified hydrocarbon impact and propose a plan for the delineation of the remaining hydrocarbon impacted soil at the site. A Site Location Map is provided as Figure 1. The legal description of the site is SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Section 6, Township 20 South, Range 37 East and the NW  $\frac{1}{4}$  NW  $\frac{1}{4}$ , Section 7, Township 20 South, Range 37 East in Lea County, New Mexico.

## **2.0 SITE BACKGROUND**

No information with respect to the release date, volume of crude oil released or recovered, excavation dimensions or pipeline repair is currently available. This release occurred while the pipeline was operated by Texas New Mexico Pipe Line Company (TNM). The initial site investigation, which consisted of the advancement of seven (7) soil borings (SB B2-1 through SB B2-7) and the installation of seven (7) groundwater monitor wells (MW-1 through MW-7), was conducted by previous consultants. Monitor well MW-8 was installed by NOVA in November 2004 to further delineate the groundwater plume and to gain information on vadose hydrocarbon concentrations to the east of the suspected release point. On August 17, 2007, NOVA advanced a soil boring (SB-1) to a total depth of approximately twenty-five below ground surface (bgs). Currently, a total of eight (8) groundwater monitor wells (MW-1 through MW-8) are located on the site. A site map is provided as Figure 2. An Inferred Groundwater Gradient Map is provided as Figure 3.

Please reference the following documents prepared by KEI and submitted to the NMOCD on behalf of Texas – New Mexico Pipeline Company.

- *Comprehensive Assessment Report* dated August 6, 1997
- *Subsurface Investigation Report* dated April, 28, 1998
- *Subsurface Investigation Report* dated March 9, 1999

## **3.0 LEAK ZONE INVESTIGATION**

### **3.1 Review of Soil Data**

To date, a total of eight (8) soil borings (SB B2-1 through SB B2-7 and SB-1) and eight (8) monitor wells (MW-1 through MW-8) have been advanced/installed at the Release Site. Soil boring SB2-7 and monitor well MW-3 are in the same location.

Data collected in March 1997 from the initial seven (7) soil borings indicates Total Petroleum Hydrocarbon (TPH) concentrations were greater than New Mexico Oil Conservation Division (NMOCD) regulatory guidelines in soil borings SB B2-1, SB B2-2, SB B2-3, and SB B2-6 and monitor well MW-8. Please note, TPH data from the initial

seven (7) soil borings was analyzed for TPH using EPA Method 418.1. TPH data collected in 1997 indicated soil borings SB B2-1 and SB B2-2 were impacted from the surface to groundwater. In addition, the analytical data indicates deeper intervals in soil borings SB B2-3, SB B2-6 and monitor well MW-8 (mostly in the 27-30 feet below ground surface interval) exceed NMOCD TPH regulatory guidelines. Also note TPH data from the monitor wells installed prior to November 1998 are Diesel Range Organics (DRO) concentrations only, and the data is now sixteen (16) years old at the time of publication. Please reference Table 1 Concentrations of TPH and BTEX in Soil.

On November 5, 2004, one (1) monitor well (MW-8) was installed in the side or cross gradient direction of the hydrocarbon impacted groundwater zone to more fully delineate the extent of groundwater impact at the site. During installation of monitor well MW-8, soil samples were collected at fifteen (15) feet bgs, twenty five (25) feet bgs and thirty (30) feet bgs. Analytical results of the three (3) soil samples indicated benzene, toluene, ethylbenzene and xylene constituents (BTEX) appeared to have degraded or were absent in the intervals tested as compared to nearby soil boring SB B2-3. Xylenes were detected in the soil sample collected at twenty five (25) feet bgs, however, all other BTEX analytes were less than laboratory method detection limits (MDL) in the three (3) soil samples. Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) were detected in all (3) three samples, with a maximum of 1,560 mg/Kg DRO and 72.5 mg/Kg GRO at twenty five (25) feet bgs and a minimum of 255 mg/Kg DRO and 1.64 mg/Kg GRO in the thirty (30) feet bgs soil sample.

On August 17, 2013, NOVA advanced soil boring SB-1 at the Monument 2 Release Site. The soil boring was advanced to a depth of twenty five (25) feet bgs. Soil samples were collected at ten (10), twenty (20) and twenty five (25) feet bgs. The analytical results indicated benzene, BTEX and TPH concentrations were less than the appropriate laboratory MDL, with the exception of the soil sample collected at twenty five (25) bgs which exhibited a TPH concentration of 239.8 mg/Kg. Please reference Figure 2 for locations of soil borings and monitor wells.

Please reference Table 2 for Groundwater Elevation and PSH Thickness Data and Table 3 for Concentrations of BTEX in Groundwater.

### **3.2 Proposed Soil Investigation Activities**

A total of five (5) soil borings will be advanced at the site to determine the extent of soil hydrocarbon impact in the vicinity of the suspected release point. In addition, the soil borings will evaluate the degree of degradation of hydrocarbons within the area identified in 1997 as the most impacted. Please reference to Figure 4 for a Proposed Soil Boring Location Map. The Release Site is bisected by a high voltage power lines. Advancement of soil borings adjacent to the power lines will require coordination with the power company, likely requiring the insulation (wrapping) of the power lines or cessation of power in the lines.

Soil samples will be collected on five-foot (5') intervals (upon refusal of sampling device, sample will be collected at the next possible foot interval) to a total depth of each soil boring. Each soil boring will be advanced to a depth of approximately thirty (30) feet bgs. If no evidence of hydrocarbon impact is documented by utilizing either Photo-Ionization Detector (PID), visual or olfactory methods, the soil boring will be terminated at thirty (30) feet bgs. On completion of drilling and sampling activities, each soil boring will be plugged to surface by a licensed State of New Mexico Driller.

Select soil samples will be submitted to the laboratory based on field observations and PID readings. Samples will be collected and placed into glassware provided by TraceAnalysis in Lubbock, Texas. The samples will then be placed on ice in the field to be cooled to approximately 4°C prior to being transported to the laboratory. Strict chain-of-custody documentation will be maintained at all times. Samples will be analyzed for BTEX utilizing EPA Method SW 846-8021b and for Total Petroleum Hydrocarbons by SW846-8015 gas and diesel range organics.

#### **4.0 SUMMARY OF PROPOSED ACTIVITIES**

Plains proposes the following actions intended to progress the site towards NMOCD approved closure:

- Install five (5) soil borings around the suspected release area to delineate hydrocarbon soil impact and evaluate hydrocarbon degradation.
- Submit select soil samples for laboratory analysis for documentation.
- Prepare a report documenting soil delineation findings and a work plan for addressing any impact above NMOCD regulatory guidelines, should it be warranted.

#### **5.0 LIMITATIONS**

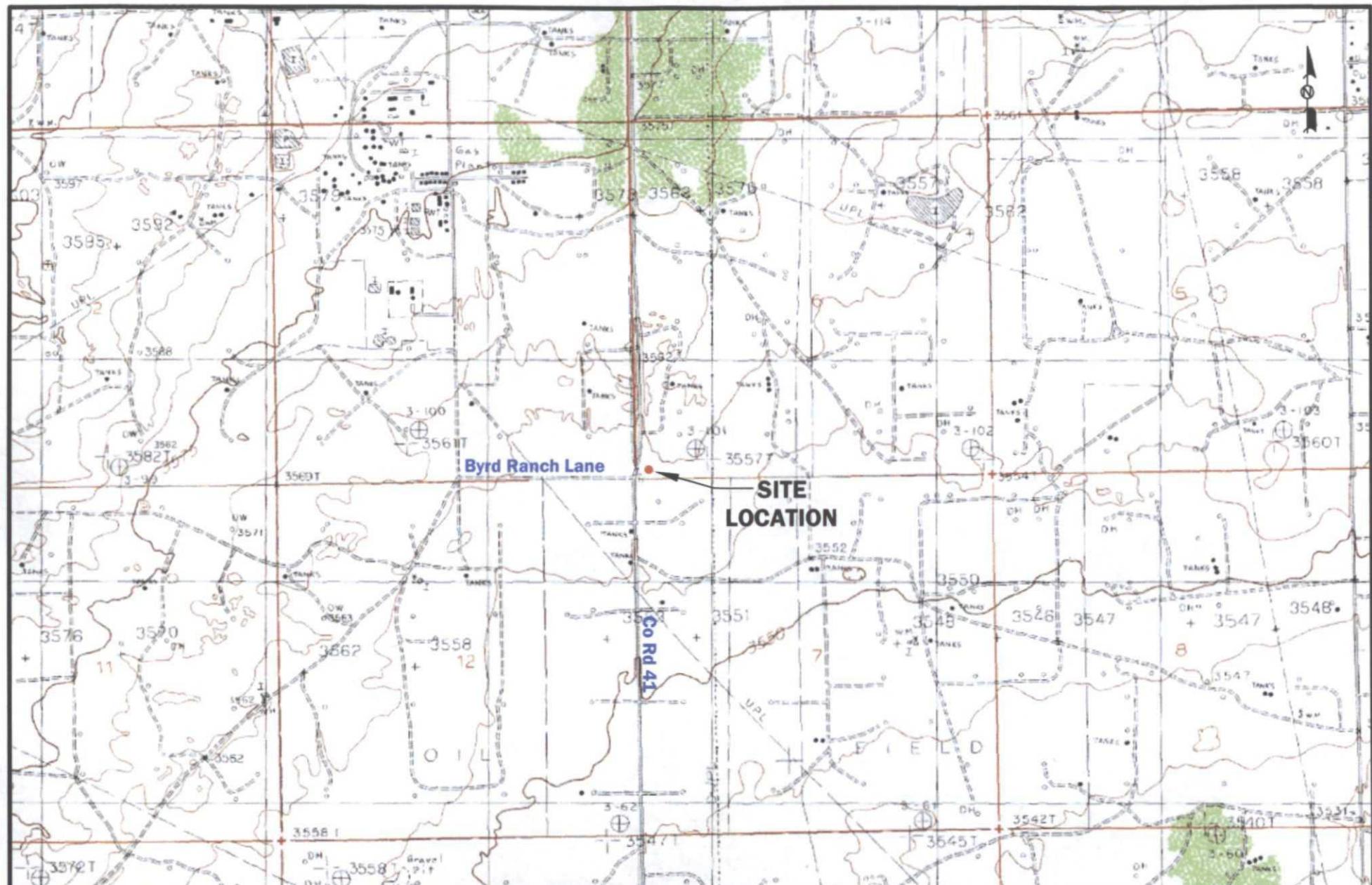
NOVA has prepared this Soil Investigation Work Plan to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent 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.

## **6.0 DISTRIBUTION**

- Copy 1      Edward Hansen  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505
- Copy 2:      Geoffrey Leking  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division, District 1  
1625 French Drive  
Hobbs, New Mexico 88240
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[jmhenry@paalp.com](mailto:jmhenry@paalp.com)
- Copy 5:      NOVA Safety and Environmental  
2057 Commerce Street  
Midland, TX 79703  
[cstanley@novatraining.cc](mailto:cstanley@novatraining.cc)

## Figures



NMOCD Reference #1R-0103

**Figure 1**  
**Site Location Map**  
**Monument 2**  
**Plains Marketing, L.P.**  
**Lea County, NM**

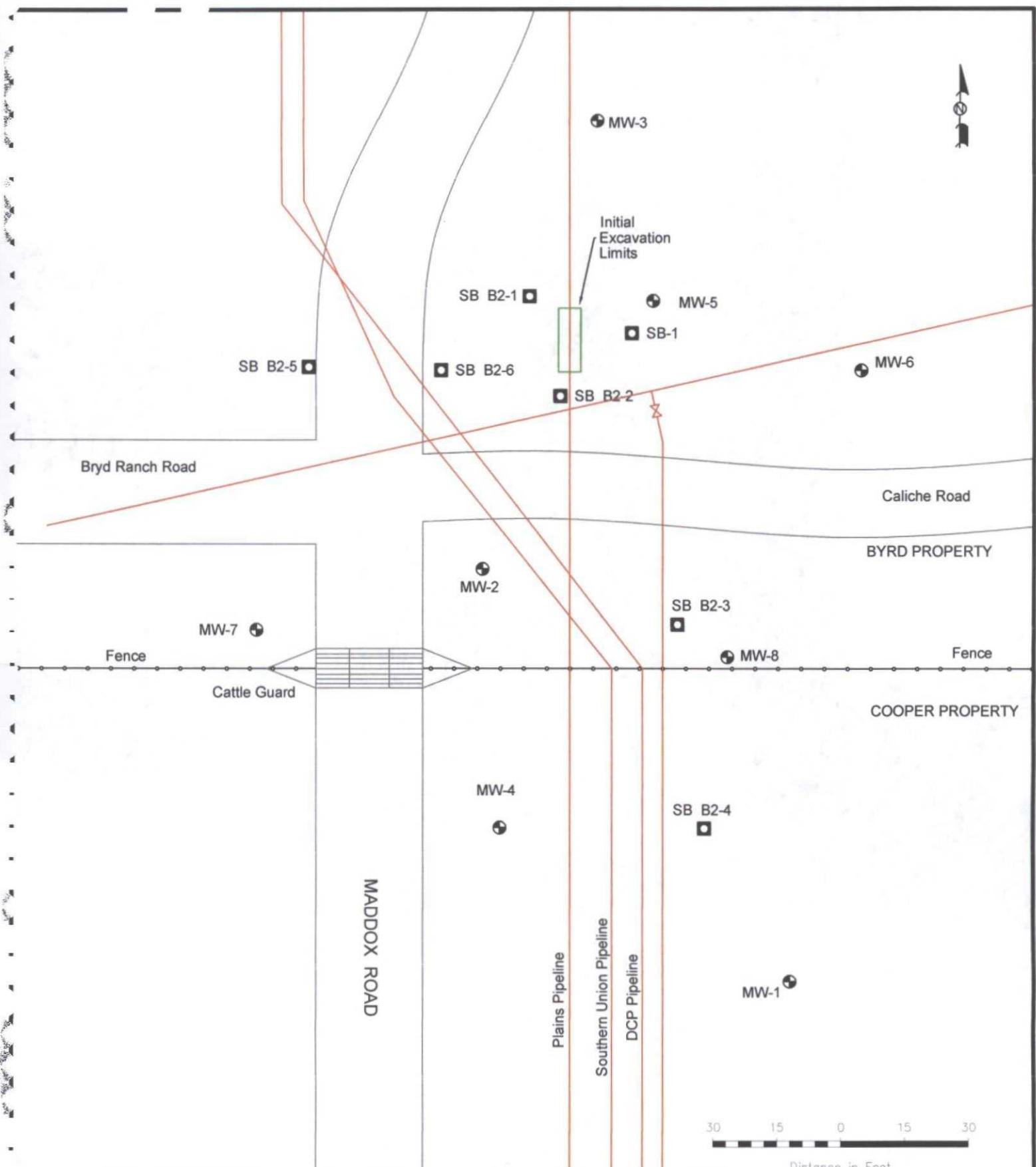


2057 Commerce Drive  
 Midland, Texas 79703  
 432.520.7720

[www.novasafetyandenvironmental.com](http://www.novasafetyandenvironmental.com)

February 28, 2011 | Scale: 1" = 2000' | CAD By: TA | Checked By: RKR

LATITUDE & LONGITUDE COORDINATES: N 32° 35' 42.4" W 103° 17' 56.5"


**LEGEND:**

- Monitor Well Location
- Pipeline

**Figure 2**

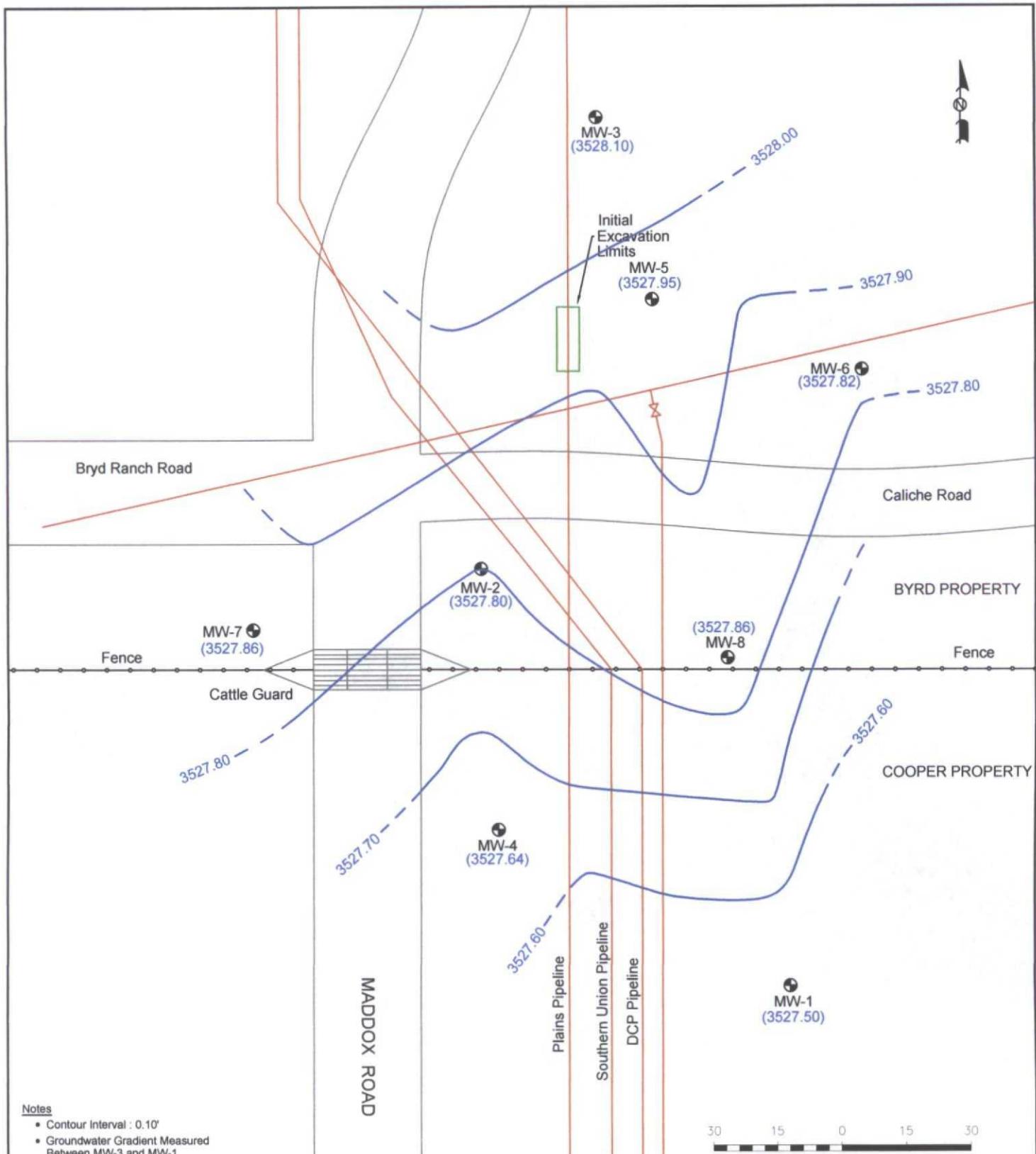
**Site Map**  
**NMOCD Reference # 1R-0110**  
**Plains Marketing, L.P.**  
**Monument 2**  
**Lea County, NM**



2057 Commerce Drive  
Midland, Texas 79703  
432.520.7720

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February 28, 2010	Scale: 1" = 30'	CAD By: TA	Checked By: RKR
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"	NW1/4 SW1/4 Sec 32 T19S R37E		



#### LEGEND:

	Monitor Well Location		Fence
	Pipeline		
(3529.08)	Groundwater Elevation (feet)		
	Groundwater Elevation Contour Line		
0.001 ft	Groundwater Gradient and Magnitude		

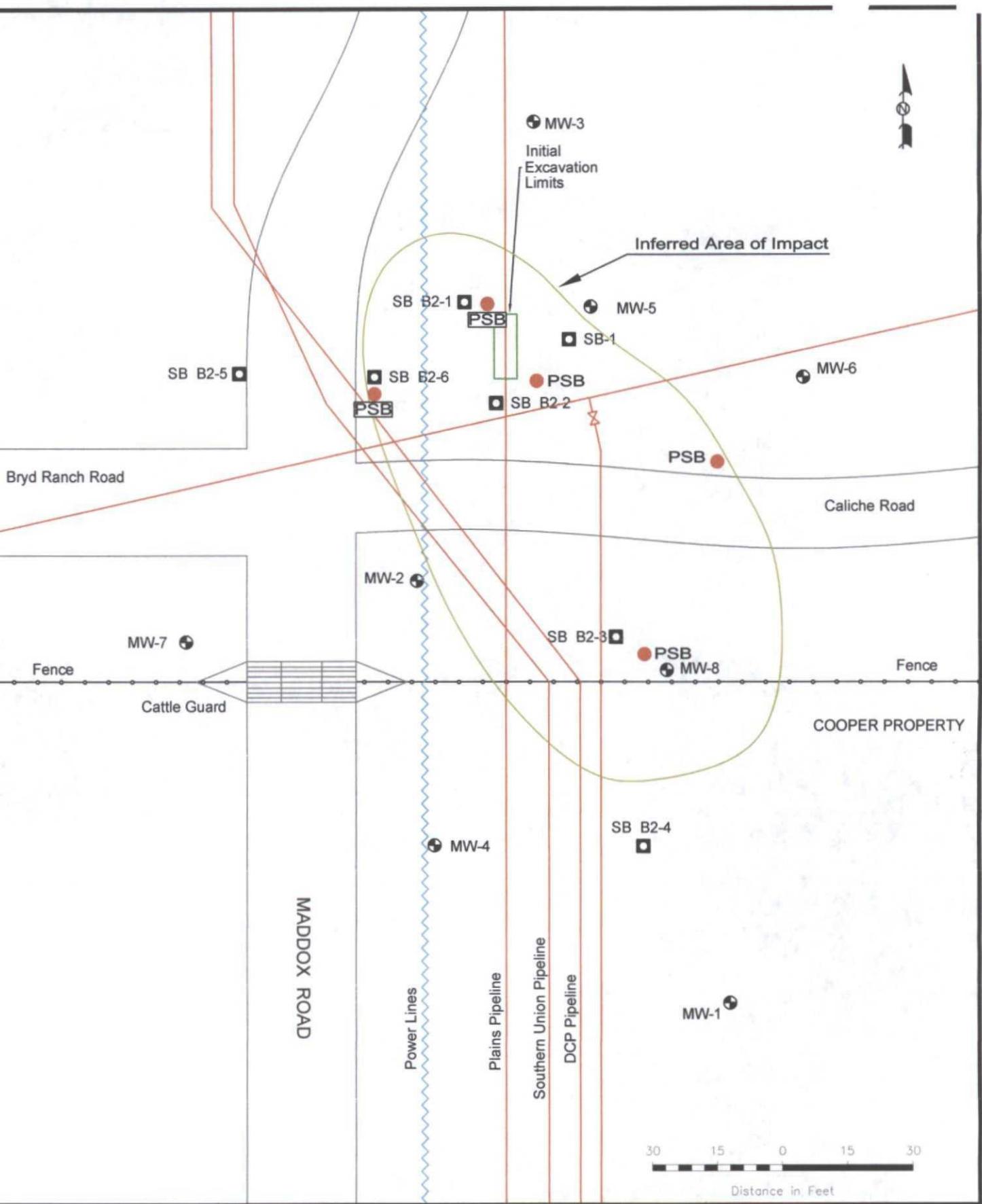
Figure 3  
Inferred Groundwater  
Gradient Map  
(5/7/2013)  
Plains Marketing, L.P.  
Monument 2  
Lea County, NM  
NMOCD Reference # 1R-0110



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432.520.7720

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May 22, 2013	Scale: 1" = 30'	CAD By: CAS	Checked By:
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"			

**LEGEND:**

- Monitor Well Location
- Existing Soil Boring Location
- 2013 Proposed Soil Boring Location
- Pipeline
- Inferred Area of Impact

**Figure 4**  
Proposed Soil Boring  
Location Map  
Plains Marketing, L.P.  
Monument 2  
Lea County, NM  
NMOCD Reference # 1R-0110



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May 29, 2013	Scale: 1" = 30'	CAD By: CAS	Checked By:
Lat. N 32° 35' 42.4" Long. W 103° 17' 56.5"			

## Tables

**TABLE I**  
**CONCENTRATIONS OF TPH AND BTEX IN SOIL**

**MONUMENT #2**  
**PLAINS MARKETING, L.P.**  
**LEA COUNTY, NM**

SAMPLE LOCATIONS	SAMPLE DATE	SAMPLE DEPTH (FEET)	Methods: EPA SW 846-8021B, 5030				TOTAL BTEX (mg/Kg)	Method 418.1	Methods: EPA SW 846-8015M GRO/DRO	
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	m,p,o-XYLENE (mg/Kg)			TPH (mg/Kg)	GRO C6-C10 (mg/Kg)
<b>NMOCD Regulatory Guidelines</b>			<b>10</b>	-	-	-	<b>50</b>	<b>100</b>	<b>100</b>	
B2-1	03/04/97	1-2	1.15	2.12	0.96	3.99	8.22	<b>13,000</b>		
B2-1	03/04/97	5-6	2.04	3.02	0.93	9.06	15.05	<b>14,200</b>		
B2-1	03/04/97	19-20	<b>23.8</b>	10.76	16.32	34.38	<b>85.26</b>	<b>23,400</b>		
B2-1	03/04/97	23-24	6.37	4.59	6.56	13.79	31.31	<b>13,500</b>		
B2-1	03/04/97	27-28	3.02	3.04	2.88	5.59	14.53	<b>5,990</b>		
B2-2	03/04/97	5-6	2.83	3.23	5.96	13.23	25.25	<b>11,100</b>		
B2-2	03/04/97	23-24	1.39	1.61	1.57	3.16	7.73	<b>585</b>		
B2-2	03/04/97	27-28	<b>18.6</b>	10.5	13.2	28.81	<b>71.11</b>	<b>20,400</b>		
B2-3	03/04/97	23-24	0.65	1.7	1.53	12.32	16.2	<b>5,280</b>		
B2-3	03/04/97	27-28	2.775	2.06	0.8	7.05	12.685	<b>7,730</b>		
B2-4	03/04/97	3-4	<0.02	<0.02	<0.02	<0.04	<0.120	72.5		
B2-4	03/04/97	27-28	<0.02	<0.02	<0.02	<0.04	<0.120	51		
B2-5	03/04/97	3-4	<0.02	<0.02	<0.02	<0.04	<0.120	54		
B2-5	03/04/97	15-16	<0.02	<0.02	<0.02	<0.04	<0.120	97.5		
B2-5	03/04/97	27-28	<0.02	<0.02	<0.02	<0.04	<0.120	45.5		
B2-6	03/04/97	1-2	<0.02	<0.02	<0.02	<0.04	<0.120	<b>690</b>		
B2-6	03/04/97	23-24	<0.10	<0.10	<0.10	<0.10	<0.10	<b>159</b>		
B2-6	03/04/97	27-28	1.56	1.04	2.9	0.82	6.32	<b>3,100</b>		
B2-7	03/05/97	11-12	<0.02	<0.02	<0.02	<0.04	<0.120	58		
B2-7	03/05/97	27-28	<0.02	<0.02	<0.02	<0.04	<0.120	3.5		
MW2-4 (MW-4)	09/10/97	5-7	<0.05	<0.05	<0.05	<0.05	<0.3			<10.2
MW2-4 (MW-4)	09/10/97	28-30	<0.05	<0.05	<0.05	<0.05	<0.3			<9.7
MW2-5 (MW-5)	09/10/97	5-7	<0.05	<0.05	<0.05	<0.05	<0.3			<9.9
MW2-5 (MW-5)	09/10/97	28-30	<0.05	<0.05	0.87	3.398	4.268			<b>965</b>
MW2-6 (MW-6)	01/22/98	10-12	<0.02	<0.02	<0.02	<0.04	<0.04			64.5
MW2-6 (MW-6)	01/22/98	20-22	<0.02	<0.02	<0.02	<0.04	<0.04			<b>107</b>
MW2-6 (MW-6)	01/22/98	27-29	<0.02	<0.02	<0.02	<0.04	<0.04			73.4
MW2-7 (MW-7)	01/22/98	5-7	<0.02	<0.02	<0.02	<0.04	<0.04			56.8
MW2-7 (MW-7)	01/23/98	20-22	<0.02	<0.02	<0.02	<0.04	<0.04			<b>117</b>
MW2-7 (MW-7)	01/23/98	27-29	<0.02	<0.02	<0.02	<0.04	<0.04			11.5
MW-8	11/05/04	15'	<0.05	<0.05	<0.05	<0.05	<0.05		13.4	<b>722</b>
MW-8	11/05/04	25'	<0.05	<0.05	<0.05	0.417	0.417		72.5	<b>1560</b>
MW-8	11/05/04	30'	<0.01	<0.01	<0.01	<0.01	<0.01		1.64	<b>255</b>
SB-1 @ 10'	08/17/07	10'	<0.01	<0.01	<0.01	<0.01	<0.01		<1	<50.0
SB-1 @ 20'	08/17/07	20'	<0.01	<0.01	<0.01	<0.01	<0.01		<1	<50.0
SB-1 @ 25'	08/17/07	25'	-	-	-	-	-		<b>51.8</b>	188

Bold indicates concentration above NMOCD regulatory levels

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	04/30/97	-	-	28.63	0.00	
MW - 1	07/23/97	3,558.53	-	31.46	0.00	3527.07
MW - 1	10/07/97	3,558.53	-	31.57	0.00	3526.96
MW - 1	10/23/97	3,558.53	-	31.51	0.00	3527.02
MW - 1	12/03/97	3,558.53	-	31.57	0.00	3526.96
MW - 1	01/02/98	3,558.53	-	31.54	0.00	3526.99
MW - 1	01/07/98	3,558.53	-	31.54	0.00	3526.99
MW - 1	02/06/98	3,560.60	-	31.51	0.00	3529.09
MW - 1	03/04/98	3,560.60	-	31.50	0.00	3529.10
MW - 1	04/01/98	3,560.60	-	31.53	0.00	3529.07
MW - 1	02/28/00	3,560.60	-	32.65	0.00	3527.95
MW - 1	06/08/00	3,560.60	-	32.84	0.00	3527.76
MW - 1	09/18/00	3,560.60	-	33.05	0.00	3527.55
MW - 1	12/06/00	3,560.60	-	33.14	0.00	3527.46
MW - 1	03/08/01	3,560.60	-	33.05	0.00	3527.55
MW - 1	06/22/01	3,560.60	-	33.20	0.00	3527.40
MW - 1	09/18/01	3,560.60	-	33.45	0.00	3527.15
MW - 1	10/10/01	3,560.60	-	33.51	0.00	3527.09
MW - 1	02/28/02	3,560.60	-	33.51	0.00	3527.09
MW - 1	05/16/02	3,560.60	-	33.52	0.00	3527.08
MW - 1	09/16/02	3,560.60	-	33.82	0.00	3526.78
MW - 1	12/12/02	3,560.60	-	33.93	0.00	3526.67
MW - 1	06/17/03	3,560.60	-	34.10	0.00	3526.50
MW - 1	09/05/03	3,560.60	-	34.22	0.00	3526.38
MW - 1	12/16/03	3,560.60	-	34.18	0.00	3526.42
MW - 1	03/08/04	3,560.60	-	34.46	0.00	3526.14
MW - 1	05/25/04	3,560.60	-	34.32	0.00	3526.28
MW - 1	08/31/04	3,560.60	-	34.51	0.00	3526.09
MW - 1	12/13/04	3,560.60	-	33.33	0.00	3527.27
MW - 1	03/11/05	3,560.60	-	33.06	0.00	3527.54
MW - 1	06/14/05	3,560.60	-	33.64	0.00	3526.96
MW - 1	09/13/05	3,560.60	-	32.40	0.00	3528.20
MW - 1	12/07/05	3,560.60	-	32.12	0.00	3528.48
MW - 1	12/14/05	3,560.60	-	32.09	0.00	3528.51
MW - 1	03/14/06	3,560.60	-	31.90	0.00	3528.70
MW - 1	06/16/06	3,560.60	-	31.92	0.00	3528.68
MW - 1	09/05/06	3,560.60	-	31.97	0.00	3528.63
MW - 1	11/14/06	3,560.60	-	31.75	0.00	3528.85
MW - 1	02/13/07	3,560.60	-	31.64	0.00	3528.96
MW - 1	05/10/07	3,560.60	-	31.51	0.00	3529.09
MW - 1	08/20/07	3,560.60	-	31.58	0.00	3529.02
MW - 1	11/02/07	3,560.60	-	31.56	0.00	3529.04

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 1	02/06/08	3,560.60	-	31.50	0.00	3529.10
MW - 1	05/06/08	3,560.60	-	31.55	0.00	3529.05
MW - 1	08/07/08	3,560.60	-	31.86	0.00	3528.74
MW - 1	11/04/08	3,560.60	-	31.91	0.00	3528.69
MW - 1	02/03/09	3,560.60	-	31.87	0.00	3528.73
MW - 1	05/06/09	3,560.60	-	31.86	0.00	3528.74
MW - 1	08/03/09	3,560.60	-	32.17	0.00	3528.43
MW - 1	11/02/09	3,560.60	-	32.44	0.00	3528.16
MW - 1	01/07/10	3,560.60	-	32.42	0.00	3528.18
MW - 1	02/02/10	3,560.60	-	32.49	0.00	3528.11
MW - 1	05/05/10	3,560.60	-	32.50	0.00	3528.10
MW - 1	08/04/10	3,560.60	-	32.51	0.00	3528.09
MW - 1	11/03/10	3,560.60	-	32.51	0.00	3528.09
MW - 1	02/08/11	3,560.60	-	32.53	0.00	3528.07
MW - 1	05/16/11	3,560.60	-	32.52	0.00	3528.08
MW - 1	08/09/11	3,560.60	-	32.50	0.00	3528.10
MW - 1	10/31/11	3,560.60	-	32.64	0.00	3527.96
MW - 1	02/09/12	3,560.60	-	32.61	0.00	3527.99
MW - 1	05/21/12	3,560.60	-	32.72	0.00	3527.88
MW - 1	08/03/12	3,560.60	-	32.89	0.00	3527.71
MW - 1	12/12/12	3,560.60	-	33.05	0.00	3527.55
MW - 1	02/16/13	3,560.60	-	33.06	0.00	3527.54
MW - 1	05/07/13	3,560.60	-	33.10	0.00	3527.50
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MW - 2	04/30/97	3,559.09	-	29.71	0.00	3529.38
MW - 2	07/23/97	3,559.09	-	34.28	0.00	3524.81
MW - 2	10/07/97	3,559.09	-	35.00	0.00	3524.09
MW - 2	10/23/97	3,559.09	-	35.02	0.00	3524.07
MW - 2	12/03/97	3,559.09	-	35.12	0.00	3523.97
MW - 2	12/17/97	3,559.09	-	33.02	0.00	3526.07
MW - 2	01/02/98	3,559.09	-	32.96	0.00	3526.13
MW - 2	01/07/98	3,559.09	-	32.36	0.00	3526.73
MW - 2	01/15/98	3,559.09	-	32.12	0.00	3526.97
MW - 2	01/20/98	3,559.09	-	32.01	0.00	3527.08
MW - 2	01/30/98	3,559.09	-	32.24	0.00	3526.85
MW - 2	02/06/98	3,561.14	-	32.22	0.00	3528.92
MW - 2	02/13/98	3,561.14	-	32.20	0.00	3528.94
MW - 2	02/21/98	3,561.14	-	32.20	0.00	3528.94
MW - 2	02/25/98	3,561.14	-	32.19	0.00	3528.95
MW - 2	03/04/98	3,561.14	-	32.14	0.00	3529.00
MW - 2	03/13/98	3,561.14	-	32.16	0.00	3528.98
MW - 2	03/17/98	3,561.14	-	32.03	0.00	3529.11

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	03/24/98	3,561.14	-	32.03	0.00	3529.11
MW - 2	03/31/98	3,561.14	-	32.04	0.00	3529.10
MW - 2	04/07/98	3,561.14	-	32.06	0.00	3529.08
MW - 2	04/17/98	3,561.14	-	32.12	0.00	3529.02
MW - 2	04/21/98	3,561.14	-	32.08	0.00	3529.06
MW - 2	04/28/98	3,561.14	-	32.05	0.00	3529.09
MW - 2	02/28/00	3,561.14	32.48	35.26	2.78	3528.24
MW - 2	06/08/00	3,561.14	32.66	35.39	2.73	3528.07
MW - 2	09/18/00	3,561.14	33.04	34.26	1.22	3527.92
MW - 2	12/06/00	3,561.14	33.26	34.12	0.86	3527.75
MW - 2	03/08/01	3,561.14	33.21	33.98	0.77	3527.81
MW - 2	06/22/01	3,561.14	32.22	32.69	0.47	3528.85
MW - 2	09/18/01	3,561.14	33.44	33.89	0.45	3527.63
MW - 2	10/10/01	3,561.14	34.00	33.60	-0.40	3527.20
MW - 2	02/28/02	3,561.14	33.64	34.65	1.01	3527.35
MW - 2	05/16/02	3,561.14	33.71	34.28	0.57	3527.34
MW - 2	09/16/02	3,561.14	34.00	34.40	0.40	3527.08
MW - 2	12/12/02	3,561.14	34.03	35.15	1.12	3526.94
MW - 2	06/17/03	3,561.14	34.04	35.80	1.76	3526.84
MW - 2	09/05/03	3,561.14	34.25	35.97	1.72	3526.63
MW - 2	12/16/03	3,561.14	34.23	35.99	1.76	3526.65
MW - 2	03/08/04	3,561.14	34.42	36.03	1.61	3526.48
MW - 2	05/25/04	3,561.14	34.30	35.79	1.49	3526.62
MW - 2	08/31/04	3,561.14	33.46	36.06	2.60	3527.29
MW - 2	09/13/04	3,561.14	34.49	36.10	1.61	3526.41
MW - 2	09/21/04	3,561.14	35.10	35.65	0.55	3525.96
MW - 2	10/07/04	3,561.14	34.15	34.61	0.46	3526.92
MW - 2	10/14/04	3,561.14	33.84	34.15	0.31	3527.25
MW - 2	10/24/04	3,561.14	33.82	34.09	0.27	3527.28
MW - 2	10/28/04	3,561.14	33.94	34.10	0.16	3527.18
MW - 2	11/04/04	3,561.14	34.00	34.06	0.06	3527.13
MW - 2	11/11/04	3,561.14	sheen	34.00	0.00	3527.14
MW - 2	11/17/04	3,561.14	sheen	33.98	0.00	3527.16
MW - 2	11/30/04	3,561.14	sheen	32.68	0.00	3528.46
MW - 2	12/07/04	3,561.14	sheen	33.50	0.00	3527.64
MW - 2	12/13/04	3,561.14	-	33.49	0.00	3527.65
MW - 2	12/15/04	3,561.14	sheen	33.49	0.00	3527.65
MW - 2	12/28/04	3,561.14	sheen	33.49	0.00	3527.65
MW - 2	01/12/05	3,561.14	sheen	33.42	0.00	3527.72
MW - 2	01/19/05	3,561.14	sheen	33.40	0.00	3527.74
MW - 2	01/26/05	3,561.14	sheen	33.39	0.00	3527.75
MW - 2	02/01/05	3,561.14	sheen	33.38	0.00	3527.76

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	02/09/05	3,561.14	sheen	33.28	0.00	3527.86
MW - 2	02/16/05	3,561.14	sheen	33.33	0.00	3527.81
MW - 2	02/23/05	3,561.14	sheen	33.32	0.00	3527.82
MW - 2	03/02/05	3,561.14	sheen	33.29	0.00	3527.85
MW - 2	03/09/05	3,561.14	sheen	33.25	0.00	3527.89
MW - 2	03/11/05	3,561.14	sheen	33.25	0.00	3527.89
MW - 2	03/17/05	3,561.14	sheen	33.23	0.00	3527.91
MW - 2	03/23/05	3,561.14	sheen	32.27	0.00	3528.87
MW - 2	03/30/05	3,561.14	sheen	33.20	0.00	3527.94
MW - 2	04/06/05	3,561.14	sheen	33.20	0.00	3527.94
MW - 2	04/14/05	3,561.14	sheen	33.16	0.00	3527.98
MW - 2	05/24/05	3,561.14	sheen	32.93	0.00	3528.21
MW - 2	06/14/05	3,561.14	-	32.73	0.00	3528.41
MW - 2	06/22/05	3,561.14	sheen	32.75	0.00	3528.39
MW - 2	07/28/05	3,561.14	sheen	32.65	0.00	3528.49
MW - 2	08/24/05	3,561.14	sheen	32.58	0.00	3528.56
MW - 2	09/13/05	3,561.14	32.50	32.51	0.01	3528.64
MW - 2	09/30/05	3,561.14	-	32.40	0.00	3528.74
MW - 2	10/28/05	3,561.14	sheen	32.40	0.00	3528.74
MW - 2	11/17/05	3,561.14	sheen	32.29	0.00	3528.85
MW - 2	12/14/05	3,561.14	sheen	32.19	0.00	3528.95
MW - 2	12/30/05	3,561.14	sheen	32.15	0.00	3528.99
MW - 2	01/18/06	3,561.14	sheen	32.14	0.00	3529.00
MW - 2	02/17/06	3,561.14	sheen	32.06	0.00	3529.08
MW - 2	03/14/06	3,561.14	sheen	32.00	0.00	3529.14
MW - 2	03/24/06	3,561.14	sheen	32.00	0.00	3529.14
MW - 2	04/19/06	3,561.14	sheen	31.93	0.00	3529.21
MW - 2	05/24/06	3,561.14	sheen	31.93	0.00	3529.21
MW - 2	06/16/06	3,561.14	-	32.03	0.00	3529.11
MW - 2	07/12/06	3,561.14	32.10	32.14	0.04	3529.03
MW - 2	08/10/06	3,561.14	-	32.14	0.00	3529.00
MW - 2	09/05/06	3,561.14	-	32.13	0.00	3529.01
MW - 2	09/17/06	3,561.14	-	32.07	0.00	3529.07
MW - 2	10/03/06	3,561.14	-	32.10	0.00	3529.04
MW - 2	10/24/06	3,561.14	-	32.00	0.00	3529.14
MW - 2	11/14/06	3,561.14	-	31.91	0.00	3529.23
MW - 2	11/16/06	3,561.14	-	31.90	0.00	3529.24
MW - 2	02/13/07	3,561.14	-	31.74	0.00	3529.40
MW - 2	05/10/07	3,561.14	-	31.63	0.00	3529.51
MW - 2	08/20/07	3,561.14	-	31.73	0.00	3529.41
MW - 2	11/02/07	3,561.14	-	31.71	0.00	3529.43
MW - 2	02/06/08	3,561.14	-	31.68	0.00	3529.46

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	05/06/08	3,561.14	-	31.70	0.00	3529.44
MW - 2	08/07/08	3,561.14	-	32.69	0.00	3528.45
MW - 2	09/12/08	3,561.14	32.02	32.12	0.10	3529.11
MW - 2	09/25/08	3,561.14	32.10	32.12	0.02	3529.04
MW - 2	09/30/08	3,561.14	-	32.11	0.00	3529.03
MW - 2	10/07/08	3,561.14	-	32.14	0.00	3529.00
MW - 2	10/15/08	3,561.14	-	32.19	0.00	3528.95
MW - 2	10/22/08	3,561.14	-	32.17	0.00	3528.97
MW - 2	10/31/08	3,561.14	-	32.19	0.00	3528.95
MW - 2	11/04/08	3,561.14	-	32.11	0.00	3529.03
MW - 2	11/07/08	3,561.14	-	32.11	0.00	3529.03
MW - 2	11/14/08	3,561.14	-	32.12	0.00	3529.02
MW - 2	11/21/08	3,561.14	-	32.34	0.00	3528.80
MW - 2	11/24/08	3,561.14	-	32.05	0.00	3529.09
MW - 2	12/03/08	3,561.14	-	29.22	0.00	3531.92
MW - 2	12/16/08	3,561.14	-	32.07	0.00	3529.07
MW - 2	01/07/09	3,561.14	-	32.03	0.00	3529.11
MW - 2	01/16/09	3,561.14	-	32.09	0.00	3529.05
MW - 2	01/29/09	3,561.14	-	32.07	0.00	3529.07
MW - 2	02/03/09	3,561.14	-	32.11	0.00	3529.03
MW - 2	02/09/09	3,561.14	-	32.04	0.00	3529.10
MW - 2	02/17/09	3,561.14	-	32.03	0.00	3529.11
MW - 2	02/26/09	3,561.14	-	32.08	0.00	3529.06
MW - 2	03/02/09	3,561.14	-	32.03	0.00	3529.11
MW - 2	03/05/09	3,561.14	-	32.11	0.00	3529.03
MW - 2	03/09/09	3,561.14	-	32.14	0.00	3529.00
MW - 2	03/16/09	3,561.14	-	32.06	0.00	3529.08
MW - 2	03/18/09	3,561.14	-	32.16	0.00	3528.98
MW - 2	03/25/09	3,561.14	-	32.16	0.00	3528.98
MW - 2	03/27/09	3,561.14	32.01	32.16	0.15	3529.11
MW - 2	03/30/09	3,561.14	-	32.04	0.00	3529.10
MW - 2	04/06/09	3,561.14	-	32.13	0.00	3529.01
MW - 2	04/13/09	3,561.14	-	32.02	0.00	3529.12
MW - 2	04/16/09	3,561.14	-	32.06	0.00	3529.08
MW - 2	04/20/09	3,561.14	-	32.08	0.00	3529.06
MW - 2	04/23/09	3,561.14	-	32.03	0.00	3529.11
MW - 2	04/27/09	3,561.14	-	32.04	0.00	3529.10
MW - 2	04/30/09	3,561.14	-	32.08	0.00	3529.06
MW - 2	05/06/09	3,561.14	-	32.04	0.00	3529.10
MW - 2	05/21/09	3,561.14	-	32.11	0.00	3529.03
MW - 2	05/27/09	3,561.14	-	32.12	0.00	3529.02
MW - 2	06/04/09	3,561.14	-	32.16	0.00	3528.98

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	06/08/09	3,561.14	-	32.18	0.00	3528.96
MW - 2	06/11/09	3,561.14	-	32.14	0.00	3529.00
MW - 2	06/16/09	3,561.14	-	32.19	0.00	3528.95
MW - 2	06/22/09	3,561.14	-	32.24	0.00	3528.90
MW - 2	06/29/09	3,561.14	-	32.18	0.00	3528.96
MW - 2	07/02/09	3,561.14	-	32.36	0.00	3528.78
MW - 2	07/10/09	3,561.14	-	32.29	0.00	3528.85
MW - 2	07/15/09	3,561.14	-	32.18	0.00	3528.96
MW - 2	07/21/09	3,561.14	-	32.37	0.00	3528.77
MW - 2	07/29/09	3,561.14	-	32.17	0.00	3528.97
MW - 2	07/30/09	3,561.14		32.35	0.00	3528.79
MW - 2	08/03/09	3,561.14	-	32.38	0.00	3528.76
MW - 2	08/05/09	3,561.14	-	32.39	0.00	3528.75
MW - 2	08/07/09	3,561.14	-	32.42	0.00	3528.72
MW - 2	08/10/09	3,561.14	-	32.37	0.00	3528.77
MW - 2	08/19/09	3,561.14	-	32.43	0.00	3528.71
MW - 2	08/27/09	3,561.14	-	32.46	0.00	3528.68
MW - 2	08/31/09	3,561.14	-	32.47	0.00	3528.67
MW - 2	09/11/09	3,561.14	-	32.51	0.00	3528.63
MW - 2	09/17/09	3,561.14	-	32.58	0.00	3528.56
MW - 2	09/24/09	3,561.14	-	32.55	0.00	3528.59
MW - 2	09/29/09	3,561.14	-	32.61	0.00	3528.53
MW - 2	09/30/09	3,561.14	-	32.53	0.00	3528.61
MW - 2	10/06/09	3,561.14	-	32.63	0.00	3528.51
MW - 2	10/20/09	3,561.14	sheen	32.57	0.00	3528.57
MW - 2	10/27/09	3,561.14	-	32.64	0.00	3528.50
MW - 2	11/02/09	3,561.14	sheen	32.68	0.00	3528.46
MW - 2	11/05/09	3,561.14	sheen	32.61	0.00	3528.53
MW - 2	11/20/09	3,561.14	sheen	32.63	0.00	3528.51
MW - 2	12/04/09	3,561.14	sheen	32.65	0.00	3528.49
MW - 2	12/14/09	3,561.14	-	32.46	0.00	3528.68
MW - 2	01/07/10	3,561.14	sheen	32.76	0.00	3528.38
MW - 2	01/21/10	3,561.14	sheen	32.67	0.00	3528.47
MW - 2	02/02/10	3,561.14	-	32.79	0.00	3528.35
MW - 2	03/01/10	3,561.14	sheen	32.77	0.00	3528.37
MW - 2	03/16/10	3,561.14	sheen	32.67	0.00	3528.47
MW - 2	04/16/10	3,561.14	sheen	32.79	0.00	3528.35
MW - 2	05/05/10	3,561.14	sheen	32.74	0.00	3528.40
MW - 2	05/27/10	3,561.14	sheen	32.72	0.00	3528.42
MW - 2	06/07/10	3,561.14	sheen	32.88	0.00	3528.26
MW - 2	06/25/10	3,561.14	-	32.46	0.00	3528.68
MW - 2	07/16/10	3,561.14	sheen	32.76	0.00	3528.38

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	07/30/10	3,561.14	sheen	32.69	0.00	3528.45
MW - 2	08/04/10	3,561.14	sheen	32.69	0.00	3528.45
MW - 2	08/20/10	3,561.14	sheen	32.58	0.00	3528.56
MW - 2	09/10/10	3,561.14	sheen	32.68	0.00	3528.46
MW - 2	09/24/10	3,561.14	sheen	32.53	0.00	3528.61
MW - 2	10/08/10	3,561.14	sheen	32.56	0.00	3528.58
MW - 2	11/03/10	3,561.14	sheen	32.73	0.00	3528.41
MW - 2	12/03/10	3,561.14	sheen	32.44	0.00	3528.70
MW - 2	12/16/10	3,561.14	sheen	32.61	0.00	3528.53
MW - 2	02/08/11	3,561.14	sheen	32.75	0.00	3528.39
MW - 2	05/16/11	3,561.14	sheen	32.75	0.00	3528.39
MW - 2	05/19/11	3,561.14	-	32.30	0.00	3528.84
MW - 2	05/27/11	3,561.14	-	32.41	0.00	3528.73
MW - 2	06/10/11	3,561.14	-	32.37	0.00	3528.77
MW - 2	06/24/11	3,561.14	-	32.41	0.00	3528.73
MW - 2	07/01/11	3,561.14	-	32.45	0.00	3528.69
MW - 2	07/22/11	3,561.14	-	32.43	0.00	3528.71
MW - 2	08/09/11	3,561.14	-	32.43	0.00	3528.71
MW - 2	08/15/11	3,561.14	-	32.84	0.00	3528.30
MW - 2	08/22/11	3,561.14	-	32.63	0.00	3528.51
MW - 2	09/12/11	3,561.14	-	32.82	0.00	3528.32
MW - 2	10/31/11	3,561.14	-	32.80	0.00	3528.34
MW - 2	12/07/11	3,561.14	-	32.32	0.00	3528.82
MW - 2	12/23/11	3,561.14	-	32.86	0.00	3528.28
MW - 2	12/27/11	3,561.14	-	32.83	0.00	3528.31
MW - 2	01/18/12	3,561.14	-	32.80	0.00	3528.34
MW - 2	02/09/12	3,561.14	-	32.82	0.00	3528.32
MW - 2	02/13/12	3,561.14	-	32.69	0.00	3528.45
MW - 2	03/02/12	3,561.14	-	32.85	0.00	3528.29
MW - 2	04/09/12	3,561.14	-	32.86	0.00	3528.28
MW - 2	05/21/12	3,561.14	-	32.90	0.00	3528.24
MW - 2	06/11/12	3,561.14	-	32.91	0.00	3528.23
MW - 2	06/25/12	3,561.14	-	32.88	0.00	3528.26
MW - 2	07/09/12	3,561.14	-	33.00	0.00	3528.14
MW - 2	08/03/12	3,561.14	-	33.07	0.00	3528.07
MW - 2	08/15/12	3,561.14	-	33.15	0.00	3527.99
MW - 2	08/21/12	3,561.14	-	33.17	0.00	3527.97
MW - 2	09/04/12	3,561.14	-	33.17	0.00	3527.97
MW - 2	09/24/12	3,561.14	-	33.24	0.00	3527.90
MW - 2	10/08/12	3,561.14	-	33.24	0.00	3527.90
MW - 2	10/22/12	3,561.14	-	33.14	0.00	3528.00
MW - 2	11/29/12	3,561.14	-	33.31	0.00	3527.83

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 2	12/12/12	3,561.14	-	33.24	0.00	3527.90
MW - 2	12/17/12	3,561.14	-	33.28	0.00	3527.86
MW - 2	02/06/13	3,561.14	-	33.24	0.00	3527.90
MW - 2	02/16/13	3,561.14	-	33.28	0.00	3527.86
MW - 2	04/03/13	3,561.14	-	33.32	0.00	3527.82
MW - 2	04/17/13	3,561.14	-	33.32	0.00	3527.82
MW - 2	05/07/13	3,561.14	-	33.34	0.00	3527.80
MW - 2	05/10/13	3,561.14	-	33.35	0.00	3527.79
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MW - 3	04/30/97	3,558.35	-	26.47	0.00	3531.88
MW - 3	07/23/97	3,558.35	-	30.61	0.00	3527.74
MW - 3	10/07/97	3,558.35	-	30.74	0.00	3527.61
MW - 3	10/23/97	3,558.35	-	30.69	0.00	3527.66
MW - 3	12/03/97	3,558.35	-	30.74	0.00	3527.61
MW - 3	01/02/98	3,558.35	-	30.72	0.00	3527.63
MW - 3	01/07/98	3,558.35	-	30.71	0.00	3527.64
MW - 3	02/06/98	3,560.39	-	30.71	0.00	3529.68
MW - 3	03/04/98	3,560.39	-	30.69	0.00	3529.70
MW - 3	04/01/98	3,560.39	-	30.69	0.00	3529.70
MW - 3	02/28/00	3,560.39	-	31.80	0.00	3528.59
MW - 3	06/08/00	3,560.39	-	31.96	0.00	3528.43
MW - 3	09/18/00	3,560.39	-	32.18	0.00	3528.21
MW - 3	12/06/00	3,560.39	-	32.28	0.00	3528.11
MW - 3	03/08/01	3,560.39	-	32.24	0.00	3528.15
MW - 3	06/22/01	3,560.39	-	32.35	0.00	3528.04
MW - 3	09/18/01	3,560.39	-	32.56	0.00	3527.83
MW - 3	10/10/01	3,560.39	-	32.61	0.00	3527.78
MW - 3	02/28/02	3,560.39	-	32.63	0.00	3527.76
MW - 3	05/16/02	3,560.39	-	32.68	0.00	3527.71
MW - 3	09/16/02	3,560.39	-	32.92	0.00	3527.47
MW - 3	12/12/02	3,560.39	-	33.09	0.00	3527.30
MW - 3	06/17/03	3,560.39	-	33.25	0.00	3527.14
MW - 3	09/05/03	3,560.39	-	33.41	0.00	3526.98
MW - 3	12/16/03	3,560.39	-	33.37	0.00	3527.02
MW - 3	03/08/04	3,560.39	-	33.61	0.00	3526.78
MW - 3	05/25/04	3,560.39	-	37.42	0.00	3522.97
MW - 3	08/31/04	3,560.39	-	33.66	0.00	3526.73
MW - 3	12/07/04	3,560.39	-	33.51	0.00	3526.88
MW - 3	12/13/04	3,560.39	-	32.45	0.00	3527.94
MW - 3	12/28/04	3,560.39	-	33.40	0.00	3526.99
MW - 3	03/11/05	3,560.39	-	32.15	0.00	3528.24
MW - 3	06/14/05	3,560.39	-	31.67	0.00	3528.72

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 3	09/13/05	3,560.39	-	31.41	0.00	3528.98
MW - 3	12/07/05	3,560.39	-	31.13	0.00	3529.26
MW - 3	12/14/05	3,560.39	-	31.09	0.00	3529.30
MW - 3	03/14/06	3,560.39	-	30.91	0.00	3529.48
MW - 3	06/16/06	3,560.39	-	30.93	0.00	3529.46
MW - 3	09/05/06	3,560.39	-	31.02	0.00	3529.37
MW - 3	11/14/06	3,560.39	-	30.78	0.00	3529.61
MW - 3	02/13/07	3,560.39	-	30.68	0.00	3529.71
MW - 3	05/10/07	3,560.39	-	30.51	0.00	3529.88
MW - 3	08/20/07	3,560.39	-	30.64	0.00	3529.75
MW - 3	11/02/07	3,560.39	-	30.64	0.00	3529.75
MW - 3	02/06/08	3,560.39	-	30.60	0.00	3529.79
MW - 3	05/06/08	3,560.39	-	30.68	0.00	3529.71
MW - 3	08/05/08	3,560.39	-	30.98	0.00	3529.41
MW - 3	08/07/08	3,560.39	-	30.98	0.00	3529.41
MW - 3	11/04/08	3,560.39	-	31.06	0.00	3529.33
MW - 3	02/03/09	3,560.39	-	31.02	0.00	3529.37
MW - 3	05/06/09	3,560.39	-	31.01	0.00	3529.38
MW - 3	08/03/09	3,560.39	-	31.33	0.00	3529.06
MW - 3	11/02/09	3,560.39	-	31.59	0.00	3528.80
MW - 3	01/07/10	3,560.39	-	31.57	0.00	3528.82
MW - 3	02/02/10	3,560.39	-	31.64	0.00	3528.75
MW - 3	05/05/10	3,560.39	-	31.62	0.00	3528.77
MW - 3	08/04/10	3,560.39	-	31.62	0.00	3528.77
MW - 3	11/03/10	3,560.39	-	31.61	0.00	3528.78
MW - 3	02/08/11	3,560.39	-	31.61	0.00	3528.78
MW - 3	05/16/11	3,560.39	-	31.61	0.00	3528.78
MW - 3	08/09/11	3,560.39	-	31.58	0.00	3528.81
MW - 3	10/31/11	3,560.39	-	31.72	0.00	3528.67
MW - 3	02/09/12	3,560.39	-	31.76	0.00	3528.63
MW - 3	05/21/12	3,560.39	-	31.89	0.00	3528.50
MW - 3	08/03/12	3,560.39	-	32.02	0.00	3528.37
MW - 3	12/12/12	3,560.39	-	32.21	0.00	3528.18
MW - 3	02/16/13	3,560.39	-	32.23	0.00	3528.16
MW - 3	05/07/13	3,560.39	-	32.29	0.00	3528.10
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MW - 4	09/17/97	3,559.03	-	31.87	0.00	3527.16
MW - 4	10/07/97	3,559.03	-	31.90	0.00	3527.13
MW - 4	10/23/97	3,559.03	-	31.85	0.00	3527.18
MW - 4	12/03/97	3,559.03	-	31.90	0.00	3527.13
MW - 4	01/02/98	3,559.03	-	31.87	0.00	3527.16
MW - 4	01/07/98	3,559.03	-	31.87	0.00	3527.16

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	02/06/98	3,561.08	-	31.84	0.00	3529.24
MW - 4	03/04/98	3,561.08	-	31.84	0.00	3529.24
MW - 4	04/01/98	3,561.08	-	31.87	0.00	3529.21
MW - 4	02/28/00	3,561.08	-	32.95	0.00	3528.13
MW - 4	06/08/00	3,561.08	-	33.13	0.00	3527.95
MW - 4	09/18/00	3,561.08	-	33.33	0.00	3527.75
MW - 4	12/06/00	3,561.08	-	33.45	0.00	3527.63
MW - 4	03/08/01	3,561.08	-	33.34	0.00	3527.74
MW - 4	06/22/01	3,561.08	-	33.50	0.00	3527.58
MW - 4	09/18/01	3,561.08	-	33.74	0.00	3527.34
MW - 4	10/10/01	3,561.08	-	33.80	0.00	3527.28
MW - 4	02/28/02	3,561.08	-	33.84	0.00	3527.24
MW - 4	05/16/02	3,561.08	-	33.83	0.00	3527.25
MW - 4	09/16/02	3,561.08	-	34.10	0.00	3526.98
MW - 4	12/12/02	3,561.08	-	34.28	0.00	3526.80
MW - 4	06/17/03	3,561.08	-	34.39	0.00	3526.69
MW - 4	09/05/03	3,561.08	-	34.59	0.00	3526.49
MW - 4	12/16/03	3,561.08	-	34.56	0.00	3526.52
MW - 4	03/08/04	3,561.08	-	34.77	0.00	3526.31
MW - 4	05/25/04	3,561.08	-	34.64	0.00	3526.44
MW - 4	08/31/04	3,561.08	-	34.77	0.00	3526.31
MW - 4	12/13/04	3,561.08	-	33.59	0.00	3527.49
MW - 4	03/11/05	3,561.08	-	33.37	0.00	3527.71
MW - 4	06/14/05	3,561.08	-	32.92	0.00	3528.16
MW - 4	09/13/05	3,561.08	-	32.68	0.00	3528.40
MW - 4	12/07/05	3,561.08	-	32.40	0.00	3528.68
MW - 4	12/14/05	3,561.08	-	32.36	0.00	3528.72
MW - 4	03/14/06	3,561.08	-	32.18	0.00	3528.90
MW - 4	06/16/06	3,561.08	-	32.21	0.00	3528.87
MW - 4	09/05/06	3,561.08	-	32.26	0.00	3528.82
MW - 4	10/24/06	3,561.08	-	32.10	0.00	3528.98
MW - 4	11/14/06	3,561.08	-	32.03	0.00	3529.05
MW - 4	02/13/07	3,561.08	-	31.85	0.00	3529.23
MW - 4	05/10/07	3,561.08	-	31.74	0.00	3529.34
MW - 4	08/20/07	3,561.08	-	31.87	0.00	3529.21
MW - 4	11/02/07	3,561.08	-	31.87	0.00	3529.21
MW - 4	02/06/08	3,561.08	-	31.81	0.00	3529.27
MW - 4	05/06/08	3,561.08	-	31.87	0.00	3529.21
MW - 4	08/07/08	3,561.08	-	32.12	0.00	3528.96
MW - 4	11/04/08	3,561.08	-	32.22	0.00	3528.86
MW - 4	02/03/09	3,561.08	-	32.23	0.00	3528.85
MW - 4	05/06/09	3,561.08	-	32.19	0.00	3528.89

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 4	08/03/09	3,561.08	-	32.50	0.00	3528.58
MW - 4	11/02/09	3,561.08	-	32.76	0.00	3528.32
MW - 4	01/07/10	3,561.08	-	32.71	0.00	3528.37
MW - 4	02/02/10	3,561.08	-	32.83	0.00	3528.25
MW - 4	05/05/10	3,561.08	-	32.87	0.00	3528.21
MW - 4	08/04/10	3,561.08	-	32.87	0.00	3528.21
MW - 4	11/03/10	3,561.08	-	32.86	0.00	3528.22
MW - 4	02/08/11	3,561.08	-	32.61	0.00	3528.47
MW - 4	05/16/11	3,561.08	-	32.64	0.00	3528.44
MW - 4	08/09/11	3,561.08	-	32.64	0.00	3528.44
MW - 4	10/31/11	3,561.08	-	32.94	0.00	3528.14
MW - 4	02/09/12	3,561.08	-	32.94	0.00	3528.14
MW - 4	05/21/12	3,561.08	-	33.06	0.00	3528.02
MW - 4	08/03/12	3,561.08	-	33.22	0.00	3527.86
MW - 4	12/12/12	3,561.08	-	33.38	0.00	3527.70
MW - 4	02/16/13	3,561.08	-	33.40	0.00	3527.68
MW - 4	05/07/13	3,561.08	-	33.44	0.00	3527.64
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MW - 5	09/17/97	3,558.16	-	30.68	0.00	3527.48
MW - 5	10/07/97	3,558.16	-	30.72	0.00	3527.44
MW - 5	10/23/97	3,558.16	-	30.65	0.00	3527.51
MW - 5	12/03/97	3,558.16	-	30.70	0.00	3527.46
MW - 5	01/02/98	3,558.16	-	30.68	0.00	3527.48
MW - 5	01/07/98	3,558.16	-	30.67	0.00	3527.49
MW - 5	02/06/98	3,560.20	-	30.66	0.00	3529.54
MW - 5	03/04/98	3,560.20	-	30.65	0.00	3529.55
MW - 5	04/01/98	3,560.20	-	30.68	0.00	3529.52
MW - 5	02/28/00	3,560.20	31.81	31.82	0.01	3528.39
MW - 5	06/08/00	3,560.20	31.98	32.00	0.02	3528.22
MW - 5	09/18/00	3,560.20	32.16	32.21	0.05	3528.03
MW - 5	12/06/00	3,560.20	32.32	32.33	0.01	3527.88
MW - 5	03/08/01	3,560.20	32.28	32.29	0.01	3527.92
MW - 5	06/22/01	3,560.20	32.43	32.44	0.01	3527.77
MW - 5	09/18/01	3,560.20	32.68	32.69	0.01	3527.52
MW - 5	10/10/01	3,560.20	32.60	32.68	0.08	3527.59
MW - 5	02/28/02	3,560.20	32.71	32.72	0.01	3527.49
MW - 5	05/16/02	3,560.20	32.74	32.74	0.00	3527.46
MW - 5	09/16/02	3,560.20	33.02	33.02	0.00	3527.18
MW - 5	12/12/02	3,560.20	-	33.14	0.00	3527.06
MW - 5	06/17/03	3,560.20	-	33.40	0.00	3526.80
MW - 5	09/05/03	3,560.20	33.39	33.75	0.36	3526.76
MW - 5	12/16/03	3,560.20	33.52	33.87	0.35	3526.63

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	03/08/04	3,560.20	33.54	33.97	0.43	3526.60
MW - 5	05/25/04	3,560.20	33.43	33.69	0.26	3526.73
MW - 5	08/31/04	3,560.20	33.59	33.92	0.33	3526.56
MW - 5	09/13/04	3,560.20	33.60	34.02	0.42	3526.54
MW - 5	09/13/04	3,560.20	33.60	34.02	0.42	3526.54
MW - 5	09/21/04	3,560.20	33.64	33.94	0.30	3526.52
MW - 5	10/07/04	3,560.20	sheen	33.20	0.00	3527.00
MW - 5	10/14/04	3,560.20	sheen	32.85	0.00	3527.35
MW - 5	10/24/04	3,560.20	sheen	32.88	0.00	3527.32
MW - 5	10/28/04	3,560.20	sheen	32.81	0.00	3527.39
MW - 5	11/04/04	3,560.20	sheen	32.93	0.00	3527.27
MW - 5	11/11/04	3,560.20	sheen	32.93	0.00	3527.27
MW - 5	11/17/04	3,560.20	sheen	32.92	0.00	3527.28
MW - 5	11/30/04	3,560.20	sheen	32.64	0.00	3527.56
MW - 5	12/07/04	3,560.20	sheen	32.50	0.00	3527.70
MW - 5	12/13/04	3,560.20	-	32.46	0.00	3527.74
MW - 5	12/15/04	3,560.20	sheen	32.46	0.00	3527.74
MW - 5	12/28/04	3,560.20	sheen	32.43	0.00	3527.77
MW - 5	01/12/05	3,560.20	sheen	32.39	0.00	3527.81
MW - 5	01/19/05	3,560.20	sheen	32.36	0.00	3527.84
MW - 5	01/26/05	3,560.20	sheen	32.34	0.00	3527.86
MW - 5	02/01/05	3,560.20	sheen	32.33	0.00	3527.87
MW - 5	02/09/05	3,560.20	sheen	32.32	0.00	3527.88
MW - 5	02/16/05	3,560.20	sheen	32.29	0.00	3527.91
MW - 5	02/23/05	3,560.20	sheen	32.25	0.00	3527.95
MW - 5	03/02/05	3,560.20	sheen	32.23	0.00	3527.97
MW - 5	03/09/05	3,560.20	sheen	32.22	0.00	3527.98
MW - 5	03/11/05	3,560.20	sheen	32.20	0.00	3528.00
MW - 5	03/17/05	3,560.20	sheen	32.19	0.00	3528.01
MW - 5	03/23/05	3,560.20	sheen	32.19	0.00	3528.01
MW - 5	03/30/05	3,560.20	sheen	32.10	0.00	3528.10
MW - 5	04/06/05	3,560.20	sheen	32.08	0.00	3528.12
MW - 5	04/14/05	3,560.20	sheen	32.03	0.00	3528.17
MW - 5	05/24/05	3,560.20	sheen	31.81	0.00	3528.39
MW - 5	06/14/05	3,560.20	sheen	31.68	0.00	3528.52
MW - 5	06/22/05	3,560.20	sheen	31.69	0.00	3528.51
MW - 5	07/28/05	3,560.20	sheen	31.59	0.00	3528.61
MW - 5	08/24/05	3,560.20	sheen	31.51	0.00	3528.69
MW - 5	09/13/05	3,560.20	31.39	31.40	0.01	3528.81
MW - 5	09/30/05	3,560.20	-	31.35	0.00	3528.85
MW - 5	10/28/05	3,560.20	sheen	31.31	0.00	3528.89
MW - 5	11/17/05	3,560.20	sheen	31.22	0.00	3528.98

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	12/07/05	3,560.20	-	31.15	0.00	3529.05
MW - 5	12/14/05	3,560.20	sheen	31.12	0.00	3529.08
MW - 5	12/30/05	3,560.20	sheen	31.10	0.00	3529.10
MW - 5	01/18/06	3,560.20	sheen	31.06	0.00	3529.14
MW - 5	02/17/06	3,560.20	sheen	31.00	0.00	3529.20
MW - 5	03/14/06	3,560.20	sheen	30.92	0.00	3529.28
MW - 5	03/24/06	3,560.20	sheen	30.95	0.00	3529.25
MW - 5	04/19/06	3,560.20	sheen	30.86	0.00	3529.34
MW - 5	05/24/06	3,560.20	sheen	30.88	0.00	3529.32
MW - 5	06/16/06	3,560.20	-	30.96	0.00	3529.24
MW - 5	07/12/06	3,560.20	sheen	31.04	0.00	3529.16
MW - 5	08/10/06	3,560.20	-	31.09	0.00	3529.11
MW - 5	09/05/06	3,560.20	-	31.04	0.00	3529.16
MW - 5	09/17/06	3,560.20	-	30.99	0.00	3529.21
MW - 5	10/03/06	3,560.20	sheen	31.04	0.00	3529.16
MW - 5	10/24/06	3,560.20	sheen	30.90	0.00	3529.30
MW - 5	11/14/06	3,560.20	30.8	30.81	0.01	3529.40
MW - 5	11/16/06	3,560.20	sheen	30.84	0.00	3529.36
MW - 5	02/13/07	3,560.20	sheen	30.62	0.00	3529.58
MW - 5	05/10/07	3,560.20	-	30.53	0.00	3529.67
MW - 5	08/20/07	3,560.20	-	30.63	0.00	3529.57
MW - 5	11/02/07	3,560.20	-	30.63	0.00	3529.57
MW - 5	02/06/08	3,560.20	-	30.63	0.00	3529.57
MW - 5	05/06/08	3,560.20	-	30.65	0.00	3529.55
MW - 5	08/07/08	3,560.20	-	30.94	0.00	3529.26
MW - 5	09/12/08	3,560.20	-	31.04	0.00	3529.16
MW - 5	09/30/08	3,560.20	-	31.05	0.00	3529.15
MW - 5	10/07/08	3,560.20	-	31.09	0.00	3529.11
MW - 5	10/15/08	3,560.20	-	31.14	0.00	3529.06
MW - 5	10/22/08	3,560.20	-	31.12	0.00	3529.08
MW - 5	10/31/08	3,560.20	-	31.09	0.00	3529.11
MW - 5	11/04/08	3,560.20	-	31.05	0.00	3529.15
MW - 5	11/07/08	3,560.20	-	31.95	0.00	3528.25
MW - 5	11/14/08	3,560.20	-	31.15	0.00	3529.05
MW - 5	11/21/08	3,560.20	-	31.70	0.00	3528.50
MW - 5	11/24/08	3,560.20	-	31.01	0.00	3529.19
MW - 5	12/03/08	3,560.20	-	30.99	0.00	3529.21
MW - 5	12/16/08	3,560.20	-	30.99	0.00	3529.21
MW - 5	01/07/09	3,560.20	-	31.02	0.00	3529.18
MW - 5	01/16/09	3,560.20	-	31.01	0.00	3529.19
MW - 5	01/29/09	3,560.20	-	30.99	0.00	3529.21
MW - 5	02/03/09	3,560.20	-	31.01	0.00	3529.19

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	02/09/09	3,560.20	-	30.97	0.00	3529.23
MW - 5	02/17/09	3,560.20	-	30.95	0.00	3529.25
MW - 5	02/26/09	3,560.20	-	30.97	0.00	3529.23
MW - 5	03/02/09	3,560.20	-	30.96	0.00	3529.24
MW - 5	03/05/09	3,560.20	-	31.02	0.00	3529.18
MW - 5	03/09/09	3,560.20	-	31.05	0.00	3529.15
MW - 5	03/16/09	3,560.20	-	30.99	0.00	3529.21
MW - 5	03/18/09	3,560.20	-	31.06	0.00	3529.14
MW - 5	03/25/09	3,560.20	-	31.07	0.00	3529.13
MW - 5	03/27/09	3,560.20	-	31.00	0.00	3529.20
MW - 5	03/30/09	3,560.20	-	30.98	0.00	3529.22
MW - 5	04/06/09	3,560.20	-	31.04	0.00	3529.16
MW - 5	04/13/09	3,560.20	-	31.01	0.00	3529.19
MW - 5	04/16/09	3,560.20	-	30.99	0.00	3529.21
MW - 5	04/20/09	3,560.20	-	31.03	0.00	3529.17
MW - 5	04/23/09	3,560.20	-	31.00	0.00	3529.20
MW - 5	04/27/09	3,560.20	-	30.99	0.00	3529.21
MW - 5	04/30/09	3,560.20	-	31.04	0.00	3529.16
MW - 5	05/06/09	3,560.20	-	31.00	0.00	3529.20
MW - 5	05/21/09	3,560.20	-	31.05	0.00	3529.15
MW - 5	05/27/09	3,560.20	-	31.08	0.00	3529.12
MW - 5	06/04/09	3,560.20	-	31.12	0.00	3529.08
MW - 5	06/08/09	3,560.20	-	31.14	0.00	3529.06
MW - 5	06/11/09	3,560.20	-	31.03	0.00	3529.17
MW - 5	06/16/09	3,560.20	-	31.12	0.00	3529.08
MW - 5	06/22/09	3,560.20	-	31.18	0.00	3529.02
MW - 5	06/29/09	3,560.20	-	31.13	0.00	3529.07
MW - 5	07/02/09	3,560.20	-	31.19	0.00	3529.01
MW - 5	07/10/09	3,560.20	-	31.22	0.00	3528.98
MW - 5	07/15/09	3,560.20	-	31.14	0.00	3529.06
MW - 5	07/21/09	3,560.20		31.28	0.00	3528.92
MW - 5	07/29/09	3,560.20	-	31.13	0.00	3529.07
MW - 5	07/30/09	3,560.20	-	31.28	0.00	3528.92
MW - 5	08/03/09	3,560.20	-	31.33	0.00	3528.87
MW - 5	08/05/09	3,560.20	-	31.25	0.00	3528.95
MW - 5	08/07/09	3,560.20	-	31.33	0.00	3528.87
MW - 5	08/10/09	3,560.20	-	31.32	0.00	3528.88
MW - 5	08/19/09	3,560.20	-	31.35	0.00	3528.85
MW - 5	08/27/09	3,560.20	-	31.39	0.00	3528.81
MW - 5	08/31/09	3,560.20	-	31.40	0.00	3528.80
MW - 5	09/11/09	3,560.20	-	31.46	0.00	3528.74
MW - 5	09/17/09	3,560.20	-	31.47	0.00	3528.73

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 5	09/24/09	3,560.20	-	31.49	0.00	3528.71
MW - 5	09/29/09	3,560.20	-	31.54	0.00	3528.66
MW - 5	09/30/09	3,560.20	-	31.47	0.00	3528.73
MW - 5	10/06/09	3,560.20	-	31.56	0.00	3528.64
MW - 5	10/20/09	3,560.20	sheen	31.51	0.00	3528.69
MW - 5	10/27/09	3,560.20	-	32.57	0.00	3527.63
MW - 5	11/02/09	3,560.20	-	31.63	0.00	3528.57
MW - 5	11/05/09	3,560.20	-	31.55	0.00	3528.65
MW - 5	12/14/09	3,560.20	-	32.43	0.00	3527.77
MW - 5	01/07/10	3,560.20	-	31.61	0.00	3528.59
MW - 5	02/02/10	3,560.20	-	31.68	0.00	3528.52
MW - 5	03/01/10	3,560.20	-	31.71	0.00	3528.49
MW - 5	03/16/10	3,560.20	-	31.66	0.00	3528.54
MW - 5	04/16/10	3,560.20	-	31.72	0.00	3528.48
MW - 5	05/05/10	3,560.20	-	31.69	0.00	3528.51
MW - 5	06/07/10	3,560.20	-	31.79	0.00	3528.41
MW - 5	06/25/10	3,560.20	-	31.39	0.00	3528.81
MW - 5	08/04/10	3,560.20	-	31.70	0.00	3528.50
MW - 5	09/10/10	3,560.20	-	31.71	0.00	3528.49
MW - 5	11/03/10	3,560.20	-	31.71	0.00	3528.49
MW - 5	02/08/11	3,560.20	-	31.72	0.00	3528.48
MW - 5	05/16/11	3,560.20	-	31.74	0.00	3528.46
MW - 5	08/09/11	3,560.20	-	31.62	0.00	3528.58
MW - 5	10/31/11	3,560.20	-	31.71	0.00	3528.49
MW - 5	02/09/12	3,560.20	-	31.73	0.00	3528.47
MW - 5	05/21/12	3,560.20	-	31.85	0.00	3528.35
MW - 5	08/03/12	3,560.20	-	32.02	0.00	3528.18
MW - 5	12/12/12	3,560.20	-	32.18	0.00	3528.02
MW - 5	02/16/13	3,560.20	-	32.20	0.00	3528.00
MW - 5	05/07/13	3,560.20	-	32.25	0.00	3527.95
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MW - 6	02/06/98	3,560.32	-	30.91	0.00	3529.41
MW - 6	03/04/98	3,560.32	-	30.86	0.00	3529.46
MW - 6	04/01/98	3,560.32	-	30.92	0.00	3529.40
MW - 6	02/28/00	3,560.32	-	32.05	0.00	3528.27
MW - 6	06/08/00	3,560.32	-	32.22	0.00	3528.10
MW - 6	09/18/00	3,560.32	-	32.44	0.00	3527.88
MW - 6	12/06/00	3,560.32	-	32.53	0.00	3527.79
MW - 6	03/08/01	3,560.32	-	32.44	0.00	3527.88
MW - 6	06/22/01	3,560.32	-	32.63	0.00	3527.69
MW - 6	09/18/01	3,560.32	-	32.84	0.00	3527.48
MW - 6	10/10/01	3,560.32	-	32.89	0.00	3527.43

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	02/28/02	3,560.32	-	32.89	0.00	3527.43
MW - 6	05/16/02	3,560.32	-	32.97	0.00	3527.35
MW - 6	09/16/02	3,560.32	-	33.20	0.00	3527.12
MW - 6	12/02/02	3,560.32	-	33.38	0.00	3526.94
MW - 6	06/17/03	3,560.32	-	33.47	0.00	3526.85
MW - 6	09/05/03	3,560.32	-	33.69	0.00	3526.63
MW - 6	12/16/03	3,560.32	-	33.65	0.00	3526.67
MW - 6	03/08/04	3,560.32	-	33.86	0.00	3526.46
MW - 6	05/25/04	3,560.32	-	33.74	0.00	3526.58
MW - 6	08/31/04	3,560.32	-	33.91	0.00	3526.41
MW - 6	12/13/04	3,560.32	-	32.75	0.00	3527.57
MW - 6	03/11/05	3,560.32	-	32.61	0.00	3527.71
MW - 6	06/14/05	3,560.32	could not access well			
MW - 6	09/13/05	3,560.32	-	31.71	0.00	3528.61
MW - 6	12/07/05	3,560.32	-	31.43	0.00	3528.89
MW - 6	12/14/05	3,560.32	-	31.40	0.00	3528.92
MW - 6	03/14/06	3,560.32	-	31.21	0.00	3529.11
MW - 6	06/16/06	3,560.32	-	30.24	0.00	3530.08
MW - 6	09/05/06	3,560.32	-	31.29	0.00	3529.03
MW - 6	11/14/06	3,560.32	-	31.06	0.00	3529.26
MW - 6	02/13/07	3,560.32	-	30.97	0.00	3529.35
MW - 6	05/10/07	3,560.32	-	30.82	0.00	3529.50
MW - 6	08/20/07	3,560.32	-	30.92	0.00	3529.40
MW - 6	11/02/07	3,560.32	-	30.89	0.00	3529.43
MW - 6	02/06/08	3,560.32	-	30.89	0.00	3529.43
MW - 6	05/06/08	3,560.32	-	30.90	0.00	3529.42
MW - 6	08/07/08	3,560.32	-	31.22	0.00	3529.10
MW - 6	11/04/08	3,560.32	-	31.27	0.00	3529.05
MW - 6	02/03/09	3,560.32	-	31.24	0.00	3529.08
MW - 6	05/06/09	3,560.32	-	31.24	0.00	3529.08
MW - 6	08/03/09	3,560.32	-	31.54	0.00	3528.78
MW - 6	11/02/09	3,560.32	-	31.82	0.00	3528.50
MW - 6	01/07/10	3,560.32	-	31.79	0.00	3528.53
MW - 6	02/02/10	3,560.32	-	31.89	0.00	3528.43
MW - 6	05/05/10	3,560.32	-	31.83	0.00	3528.49
MW - 6	08/04/10	3,560.32	-	31.82	0.00	3528.50
MW - 6	11/03/10	3,560.32	-	31.85	0.00	3528.47
MW - 6	02/08/11	3,560.32	-	31.87	0.00	3528.45
MW - 6	05/16/11	3,560.32	-	31.85	0.00	3528.47
MW - 6	08/09/11	3,560.32	-	31.84	0.00	3528.48
MW - 6	10/31/11	3,560.32	-	31.97	0.00	3528.35
MW - 6	02/09/12	3,560.32	-	32.00	0.00	3528.32

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 6	05/21/12	3,560.32	-	32.12	0.00	3528.20
MW - 6	08/03/12	3,560.32	-	32.27	0.00	3528.05
MW - 6	12/12/12	3,560.32	-	32.44	0.00	3527.88
MW - 6	02/16/13	3,560.32	-	32.47	0.00	3527.85
MW - 6	05/07/13	3,560.32	-	32.50	0.00	3527.82
MW - 7	02/06/98	3,561.07	-	31.62	0.00	3529.45
MW - 7	03/04/98	3,561.07	-	31.60	0.00	3529.47
MW - 7	04/01/98	3,561.07	-	31.63	0.00	3529.44
MW - 7	02/28/00	3,561.07	-	32.71	0.00	3528.36
MW - 7	06/08/00	3,561.07	-	32.83	0.00	3528.24
MW - 7	09/18/00	3,561.07	-	33.08	0.00	3527.99
MW - 7	12/06/00	3,561.07	-	33.19	0.00	3527.88
MW - 7	03/08/01	3,561.07	-	33.10	0.00	3527.97
MW - 7	06/22/01	3,561.07	-	33.25	0.00	3527.82
MW - 7	09/18/01	3,561.07	-	33.48	0.00	3527.59
MW - 7	10/10/01	3,561.07	-	33.54	0.00	3527.53
MW - 7	02/28/02	3,561.07	-	33.54	0.00	3527.53
MW - 7	05/16/02	3,561.07	-	33.57	0.00	3527.50
MW - 7	09/16/02	3,561.07	-	33.85	0.00	3527.22
MW - 7	12/12/02	3561.07	-	34.00	0.00	3527.07
MW - 7	12/16/03	3561.07	-	34.46	0.00	3526.61
MW - 7	03/08/04	3561.07	-	34.50	0.00	3526.57
MW - 7	05/25/04	3561.07	-	34.37	0.00	3526.70
MW - 7	08/31/04	3561.07	-	34.56	0.00	3526.51
MW - 7	12/13/04	3561.07	-	33.30	0.00	3527.77
MW - 7	03/11/05	3561.07	-	33.06	0.00	3528.01
MW - 7	06/14/05	3,561.07	-	32.62	0.00	3528.45
MW - 7	09/13/05	3,561.07	-	32.37	0.00	3528.70
MW - 7	12/07/05	3,561.07	-	32.10	0.00	3528.97
MW - 7	12/14/05	3,561.07	-	32.07	0.00	3529.00
MW - 7	03/14/06	3,561.07	-	31.89	0.00	3529.18
MW - 7	06/16/06	3,561.07	-	31.92	0.00	3529.15
MW - 7	09/05/06	3,561.07	-	31.98	0.00	3529.09
MW - 7	11/14/06	3,561.07	-	31.75	0.00	3529.32
MW - 7	02/13/07	3,561.07	-	31.66	0.00	3529.41
MW - 7	05/10/07	3,561.07	-	31.54	0.00	3529.53
MW - 7	08/20/07	3,561.07	-	31.61	0.00	3529.46
MW - 7	11/02/07	3,561.07	-	31.61	0.00	3529.46
MW - 7	02/06/08	3,561.07	-	31.58	0.00	3529.49
MW - 7	05/06/08	3,561.07	-	31.62	0.00	3529.45
MW - 7	08/07/08	3,561.07	-	31.94	0.00	3529.13

**TABLE 2**  
**GROUNDWATER ELEVATION DATA**  
**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	11/04/08	3,561.07	-	31.99	0.00	3529.08
MW - 7	02/03/09	3,561.07	-	31.95	0.00	3529.12
MW - 7	05/06/09	3,561.07	-	31.93	0.00	3529.14
MW - 7	08/03/09	3,561.07	-	32.25	0.00	3528.82
MW - 7	11/02/09	3,561.07	-	32.54	0.00	3528.53
MW - 7	01/07/10	3,561.07	-	32.53	0.00	3528.54
MW - 7	02/02/10	3,561.07	-	32.61	0.00	3528.46
MW - 7	05/05/10	3,561.07	-	32.63	0.00	3528.44
MW - 7	08/04/10	3,561.07	-	32.63	0.00	3528.44
MW - 7	11/03/10	3,561.07	-	32.62	0.00	3528.45
MW - 7	02/08/11	3,561.07	-	32.86	0.00	3528.21
MW - 7	05/16/11	3,561.07	-	32.89	0.00	3528.18
MW - 7	08/09/11	3,561.07	-	32.91	0.00	3528.16
MW - 7	10/31/11	3,561.07	-	32.67	0.00	3528.40
MW - 7	02/09/12	3,561.07	-	32.70	0.00	3528.37
MW - 7	05/21/12	3,561.07	-	32.83	0.00	3528.24
MW - 7	08/03/12	3,561.07	-	32.96	0.00	3528.11
MW - 7	12/12/12	3,561.07	-	33.16	0.00	3527.91
MW - 7	02/16/13	3,561.07	-	33.19	0.00	3527.88
MW - 7	05/07/13	3,561.07	-	33.21	0.00	3527.86
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MW - 8	11/08/04	3561.07	-	33.84	0.00	3527.23
MW - 8	11/10/04	3,561.07	-	33.83	0.00	3527.24
MW - 8	11/17/04	3,561.07	33.82	33.88	0.06	3527.24
MW - 8	12/15/04	3,561.07	sheen	33.51	0.00	3527.56

**TABLE 3**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**

**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

*All concentrations are reported in mg/L.*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
<b>NMOCD REGULATORY LIMIT</b>		<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>	
MW - 1	5/2/1997	ND	ND	ND	ND	
	05/09/97	<0.001	<0.001	<0.001	<0.002	<0.001
	07/23/97	ND	ND	ND	0.001	
	10/07/97	ND	ND	ND	ND	
	10/10/97	<0.001	<0.001	<0.001	<0.002	<0.001
	01/07/98	ND	ND	ND	ND	
	04/01/98	ND	ND	ND	ND	
	09/08/99	0.002	0.001	<0.001	<0.001	0.004
	02/28/00	0.001	0.001	<0.001	<0.001	<0.001
	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/00	0.001	<0.001	<0.001	<0.001	<0.001
	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/22/01	<0.005	<0.005	<0.005	<0.005	
	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/02	0.001	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/12/02	0.011	<0.001	0.002	<0.001	<0.001
	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.001	<0.001	<0.001	<0.001	
	03/11/05	<0.001	<0.001	<0.001	<0.001	
	06/14/05	<0.001	<0.001	<0.001	<0.001	
	09/13/05	Not sampled due to sample reduction				
	12/14/05	<0.005	<0.005	<0.005	<0.005	
MW-2	12/13/04	<0.005	<0.005	<0.005	<0.005	
	03/11/05	<b>0.031</b>	<0.005	0.038	0.063	
	06/14/05	<b>0.047</b>	0.006	0.063	0.072	
	09/13/05	Not Sampled				
	12/14/05	<b>0.0102</b>	<0.005	0.0802	0.0726	
MW - 3	05/02/97	ND	ND	ND	ND	
	05/09/97	<0.001	<0.001	<0.001	<0.002	<0.001
	07/23/97	ND	ND	ND	ND	
	10/07/97	ND	ND	ND	ND	
	10/10/97	<0.001	<0.001	<0.001	<0.002	<0.001
	01/07/98	ND	ND	ND	ND	
	04/01/98	ND	ND	ND	ND	

**TABLE 3**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**

**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

*All concentrations are reported in mg/L.*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
<b>NMOCD REGULATORY LIMIT</b>		<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>	
MW-3	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/00	<0.001	<0.001	<0.001	<0.001	<0.001
	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/22/01	<0.005	<0.005	<0.005	<0.005	
	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/12/02	<b>0.020</b>	<0.001	0.002	<0.001	<0.001
	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/25/04	<0.001	<0.001	<0.001	<0.002	<0.001
	08/31/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.001	<0.001	<0.001	<0.001	
	03/11/05	<0.001	<0.001	<0.001	<0.001	
	06/14/05	<0.001	<0.001	<0.001	<0.001	
	09/13/05	Not sampled due to sample reduction				
	12/14/05	<0.001	<0.001	<0.001	<0.001	
MW - 4		ND	ND	ND	ND	
	09/26/97	<0.001	<0.001	<0.001	<0.002	<0.001
	10/07/97	ND	ND	ND	ND	
	10/10/97	<0.001	<0.001	<0.001	<0.002	<0.001
	01/07/98	ND	ND	ND	ND	
	04/01/98	ND	ND	ND	ND	
	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/00	0.001	<0.001	<0.001	<0.001	<0.001
	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/22/01	<0.005	<0.005	<0.005	<0.005	
	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.01	<0.001	<0.001	<0.001	<0.001
	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/12/02	0.003	<0.001	<0.001	<0.001	<0.001

**TABLE 3**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**

**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

*All concentrations are reported in mg/L.*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
<b>NMOCD REGULATORY LIMIT</b>		<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>	
	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/13/04	<0.001	<0.001	<0.001	<0.001	
	03/11/05	Not sampled due to sample reduction				
	06/14/05	<0.001	<0.001	0.0016	<0.001	
	09/13/05	Not sampled due to sample reduction				
	12/14/05	<0.001	<0.001	0.0017	<0.001	
MW-5	09/17/97	0.002	ND	0.002	0.005	
	09/26/97	0.002	<0.001	0.002	0.003	0.002
	10/07/97	0.011	0.004	0.015	0.047	
	10/10/97	0.011	0.004	0.015	0.037	0.01
	01/07/98	0.013	ND	0.03	0.042	
	04/01/98	0.011	0.005	0.05	0.036	
	12/12/02	<0.001	<0.001	0.001	0.002	<0.001
	12/13/04	<0.005	0.00640	0.0718	0.112	
	03/11/05	<0.005	<0.005	0.00790	<0.005	
	06/14/05	<0.005	<0.005	0.00510	<0.005	
	09/13/05	Not Sampled				
	12/14/05	<0.001	<0.001	0.0069	<0.001	
MW - 6	04/01/98	ND	ND	ND	ND	
	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001
	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001
	09/18/00	0.001	<0.001	<0.001	<0.001	<0.001
	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001
	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001
	06/22/01	<0.005	<0.005	<0.005	<0.005	
	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001
	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001
	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001
	12/12/02	0.001	<0.001	<0.001	<0.001	<0.001
	06/17/03	<0.001	<0.001	<0.001	<0.001	<0.001
	09/05/03	<0.001	<0.001	<0.001	<0.001	<0.001
	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001

**TABLE 3**  
**CONCENTRATIONS OF BTEX IN GROUNDWATER**

**PLAINS MARKETING, L.P.**  
**MONUMENT 2**  
**LEA COUNTY, NEW MEXICO**

*All concentrations are reported in mg/L.*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8012B, 5030						
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE		
<b>NMOCD REGULATORY LIMIT</b>		<b>0.01</b>	<b>0.75</b>	<b>0.75</b>	<b>0.62</b>			
MW-6	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001		
	12/13/04	<0.001	<0.001	<0.001	<0.001			
	03/11/05	Not sampled due to sample reduction						
	06/14/05	Not sampled due to sample reduction						
	09/13/05	Not sampled due to sample reduction						
	12/14/05	<0.001	<0.001	<0.001	<0.001			
<b>MW - 7</b>								
MW - 7	04/01/98	ND	ND	ND	ND			
	09/08/99	<0.001	<0.001	<0.001	<0.001	<0.001		
	02/28/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	06/08/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/18/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	06/22/01	<0.005	<0.005	<0.005	<0.005			
	09/18/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	02/28/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/12/02	0.002	<0.001	<0.001	<0.001	<0.001		
	12/16/03	<0.001	<0.001	<0.001	<0.002	<0.001		
	03/08/04	<0.001	<0.001	<0.001	<0.002	<0.001		
	12/13/04	<0.001	<0.001	<0.001	<0.001			
	03/11/05	Not sampled due to sample reduction						
	06/14/05	Not sampled due to sample reduction						
	09/13/05	Not sampled due to sample reduction						
	12/14/05	<0.001	<0.001	<0.001	<0.001			
<b>MW-8</b>								
MW-8	11/10/04	<b>0.138</b>	<0.005	0.0749	0.179			
	03/11/05	<b>0.115</b>	<0.05	<0.05	0.0855			
	06/14/05	<b>0.165</b>	0.027	0.109	0.271			
	09/13/05	Not sampled						
	12/14/05	<b>0.102</b>	0.0238	<0.01	0.141			
<b>EB - 1</b>								
EB - 1	12/06/00	<0.001	<0.001	<0.001	<0.001	<0.001		
	03/08/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	06/22/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	10/10/01	<0.001	<0.001	<0.001	<0.001	<0.001		
	05/16/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	09/16/02	<0.001	<0.001	<0.001	<0.001	<0.001		
	12/12/02	<0.001	<0.001	<0.001	<0.001	<0.001		

**BOLD** indicates concentration above NMOCD regulatory level

## Appendices

Appendix A  
Release Notification and Corrective Action  
NMOCD Form C-141

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
**District II**  
 1301 W. Grand Avenue, Artesia, NM 88210  
**District III**  
 1000 Rio Brazos Road, Aztec, NM 87410  
**District IV**  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy Minerals and Natural Resources  
 Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

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 of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	Monument # 2	Facility Type:	Pipeline
Surface Owner:	Mineral Owner	Lease No.	
BLM, Jim T Cooper			

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	6	20S	37E					Lea

Latitude 32 degrees, 35' 42.4" Longitude 32 degrees, 17' 56.5"

### NATURE OF RELEASE

Type of Release:	Volume of Release:	Volume Recovered
Source of Release:	Date and Hour of Occurrence Unknown	Date and Hour of Discovery
Was Immediate Notice Given?  Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

Describe Area Affected and Cleanup Action Taken.\*

NOTE: Texas-New Mexico Pipeline was the owner/operator of the pipeline system at the time of the release, initial response information is unavailable.

I hereby 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 endanger 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 liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health 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:	Approved by District Supervisor:		
Printed Name:	Camille Reynolds	Approval Date:	Expiration Date:
Title:	Remediation Coordinator		
E-mail Address:	cjreynolds@paalp.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 3/21/2005	Phone: (505)441-0965		

\* Attach Additional Sheets If Necessary