

AP - 007

# ANNUAL MONITORING REPORT

YEAR(S):

2005



2005  
ANNUAL MONITORING REPORT

*Report is on  
the L-Drive*

DARR ANGELL 1  
LEA COUNTY, NEW MEXICO  
NW ¼ SE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST  
PLAINS EMS #: DARR ANGELL 1  
NMOCD REFERENCE NUMBER AP-007

Prepared For:

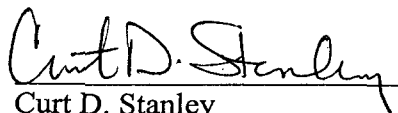
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## TABLE OF CONTENTS

INTRODUCTION .....	1
SITE DESCRIPTION AND BACKGROUND INFORMATION.....	1
FIELD ACTIVITIES .....	2
LABORATORY RESULTS .....	3
SUMMARY .....	3
ANTICIPATED ACTIONS .....	4
LIMITATIONS .....	4
DISTRIBUTION.....	6

### FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map – March 21, 2005

2B – Inferred Groundwater Gradient Map – June 20, 2005

2C – Inferred Groundwater Gradient Map – September 19, 2005

2D – Inferred Groundwater Gradient Map – December 21, 2005

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – March 21, 2005

3B – Groundwater Concentration and Inferred PSH Extent Map – June 20, 2005

3C – Groundwater Concentration and Inferred PSH Extent Map – September 19, 2005

3D – Groundwater Concentration and Inferred PSH Extent Map – December 21, 2005

### TABLES

Table 1 – 2005 Groundwater Elevation Data

Table 2 – 2005 Concentrations of Benzene and BTEX in Groundwater

### APPENDICES

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

**ENCLOSED ON DATA DISK**

2005 Annual Monitoring Report

2005 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data

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

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Tables

Historic BTEX Concentration Tables

## INTRODUCTION

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The site was previously managed by Environmental Technology Group, Inc (ETGI). The Darr Angell No. 1 pipeline release site (the site), which was formerly responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2005 only. However, historic data tables as well as 2005 laboratory analytical reports are enclosed electronically. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each of four (4) quarters during 2005 to assess the levels and extent of dissolved phase constituents and phase separated hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH atop the water column, and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

## SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NW ¼ SE ¼ Section 11, Township 15 South, Range 37 East. The release was discovered by EOTT employees and reported on May 1, 1997. According to the release report, an estimated 25 barrels of crude oil was released and 15 barrels were recovered during response actions. The release occurred from an 8-inch EOTT pipeline and was attributed to internal pipeline corrosion. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A.

Twenty one (21) groundwater monitor wells (MW-1 through MW-21) and eleven (11) product recovery wells (RW-1 through RW-11) are currently on-site. An enhanced recovery system employing three (3) total fluid pumps and seven (7) skimmer pumps were upgraded with New Mexico Oil Conservation Division (NMOCD) approval in March, 2005. The total fluid pumps were installed in recovery wells RW-6, RW-8 and RW-1. The skimmer pumps were installed in monitor wells MW-5 and MW-9 and in recovery wells RW-4, RW-5, RW-9, RW-10 and RW-11. The enhanced recovery system operated from March through December 2005. Monitor and recovery wells exhibiting PSH, but not a part of the automated recovery system were recovered manually. Recovered product from the manually recovered wells was placed in one of the three storage frac tanks located on-site. Recovered product was periodically transported to the Plains Lea Station facility for reinjection to the Plains Pipeline system. Recovered groundwater contained in the storage tanks was transported by Key Energy of Hobbs, New Mexico utilizing a licensed disposal facility (OCD AO SWD-730).

## FIELD ACTIVITIES

The average thickness of PSH in recovery wells containing PSH during 2005 was 5.57 feet, with a maximum thickness of 10.35 feet occurring in RW-3 on September 19, 2005. The average thickness of PSH in monitor wells displaying PSH was 3.48 feet, with a maximum thickness of 9.73 feet occurring in MW-9 on January 11, 2005. Approximately 8,400 gallons (200 barrels) of PSH was recovered from the site during the 2005 reporting period. A total of approximately 18,190 gallons (433 barrels) of PSH has been recovered since the start of product recovery. Measurable thicknesses of PSH are recorded in Table 1 and Figures 3A through 3D.

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended in NMOCD correspondence dated June 20, 2005.

NMOCD Approved Sampling Schedule					
MW-1	Quarterly	MW-12	Quarterly	RW-1	Quarterly
MW-2	Quarterly	MW-13	Quarterly	RW-2	Quarterly
MW-3	Quarterly	MW-14	Quarterly	RW-3	Quarterly
MW-4	Annually	MW-15	Annually	RW-4	Quarterly
MW-5	Quarterly	MW-16	Annually	RW-5	Quarterly
MW-6	Quarterly	MW-17	Quarterly	RW-6	Quarterly
MW-7	Semi-Annually	MW-18	Annually	RW-7	Quarterly
MW-8	Quarterly	MW-19	Annually	RW-8	Quarterly
MW-9	Quarterly	MW-20	Annually	RW-9	Quarterly
MW-10	Quarterly	MW-21	Quarterly	RW-10	Quarterly
MW-11	Annually			RW-11	Quarterly

The site monitor wells were gauged and sampled on the following dates in 2005: March 21<sup>st</sup>, June 20<sup>th</sup>, September 19<sup>th</sup>, and December 21<sup>st</sup>. During each sampling event, sampled monitor wells were purged of approximately three (3) well volumes of water or until the wells failed to produce water using a PVC bailer or electric Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Key Energy of Hobbs, New Mexico utilizing a licensed disposal facility (OCD AO SWD-730).

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four (4) quarterly monitoring events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2005 is provided as Table 1. Historic groundwater elevation data beginning at project inception is enclosed on the attached data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0018 ft./ft. to the southeast as measured between groundwater monitor wells MW-2 and MW-7. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevation has ranged between 3726.79 and 3730.50 feet

above mean sea level, in MW-21 on December 21, 2005 and RW-2 on March 8, 2005, respectively.

## **LABORATORY RESULTS**

Monitor wells MW-1 through MW-3, MW-5, MW-6, MW-8 through MW-10, MW-13, MW-14 and all recovery wells (RW-1 through RW-11) contained measurable PSH and were not sampled during the reporting period.

Groundwater samples collected during the 2005 monitoring events were delivered to Trace Analysis, Inc. of Lubbock, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8021b. A listing of BTEX constituent concentrations for 2005 is summarized in Table 2 and copies of the laboratory reports are provided on the enclosed disk. The inferred extent of PSH and quarterly groundwater sample results for benzene and BTEX constituent concentrations are depicted on Figures 3A-3D.

Review of laboratory analytical results of the groundwater samples obtained during the 2005 monitoring period indicate that the benzene and BTEX constituent concentrations are below applicable NMOCD standards in monitor wells MW-4, MW-7, MW-11, and MW-15 through MW-20. The benzene concentration in monitor wells MW-12 and MW-21 are above the NMOCD regulatory standard while total BTEX constituent concentrations are below NMOCD regulatory standards.

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

## **SUMMARY**

This report presents the results of monitoring activities for the 2005 annual monitoring period. Twenty one (21) groundwater monitor wells (MW-1 through MW-21) and eleven (11) product recovery wells (RW-1 through RW-11) are currently on-site. An enhanced recovery system operated on-site during the last three (3) quarters of 2005. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0018 ft./ft. to the southeast.

As discussed above, twenty one (21) monitor and recovery wells contained measurable thicknesses of PSH during the reporting period. Approximately 8,400 gallons (200 barrels) of PSH was recovered from the site during the 2005 reporting period. A total of approximately 18,190 gallons (433 barrels) of PSH has been recovered since the start of product recovery.

During the 2004 reporting period the observed average PSH thickness among all monitor wells containing PSH was 4.76 feet. During the 2005 reporting period the observed average PSH thickness among all monitor wells containing PSH was 3.48 feet. Indications are that the operation of enhanced recovery system at the Darr Angell #1 release site has been successful in reducing observed PSH thicknesses in on-site monitor wells.

During the 2004 reporting period the observed average PSH thickness among all recovery wells containing PSH was 8.64 feet. During the 2005 reporting period the observed average PSH thickness among all recovery wells containing PSH was 5.75 feet. Indications are that the operation of enhanced recovery system at the Darr Angell #1 release site has also been successful in reducing observed PSH thicknesses in on-site recovery wells.

Review of laboratory analytical results of the groundwater samples obtained during the 2005 monitoring period indicate the benzene and BTEX constituent concentrations are below applicable NMOCD standards in nine (9) of the thirty-two (32) monitor and recovery wells currently on-site. The remaining twenty (23) monitor wells either contained measurable thicknesses of PSH and were not sampled or exhibited analytical results in groundwater above the NMOCD regulatory standard during at least one quarterly monitor event of 2005. Of the ten (10) monitor wells sampled in 2005, only monitor wells MW-12 and MW-21 exhibited concentrations of BTEX constituents above the NMOCD regulatory standard. Dissolved phase impact appears to be limited to monitor well MW-12 and MW-21 and to those monitor wells which exhibit PSH.

#### **ANTICIPATED ACTIONS**

Plains proposes to install additionally total fluid pumps at the Darr Angell #1 site in 2006. The placement of the pumps will be evaluated to provide optimal product recovery. However, given the amounts of PSH displayed in the various interior monitor wells, a leak zone investigation appears to be warranted and would provide additional information for planning additional source (soil) area remediation. Such an investigation would further delineate impact to soil and allow for the remediation of the PSH source material. Additional drilling may be required to further delineate the impact to groundwater along the eastern perimeter of the leak zone. Plains will submit work plans for these actions to the NMOCD in 2006.

Plains requests NMOCD approval to change the sampling frequency of monitor well MW-19 from annually to quarterly sampling. Monitor well MW-19 is down gradient of monitor well MW-12, which exhibits benzene concentrations in excess of NMOCD regulatory standards.

#### **LIMITATIONS**

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

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



recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

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

## DISTRIBUTION

- Copy 1: Ed Martin  
New Mexico Energy, Minerals and Natural Resources Department  
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1220 South St. Francis Drive  
Santa Fe, NM 87505
- Copy 2: Larry Johnson and Paul Sheeley  
New Mexico Energy, Minerals and Natural Resources Department  
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2057 Commerce Street  
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cstanley@novatraining.cc

## Figures



Location

NW1/4 SE1/4 Sec 11 T15S R37E

Lat. 33° 01' 36.0"N

Long 103° 10' 00.7"W

Figure 1  
Site Location Map

Plains Marketing, L.P.

Darr Angell #1  
Lea County, NM

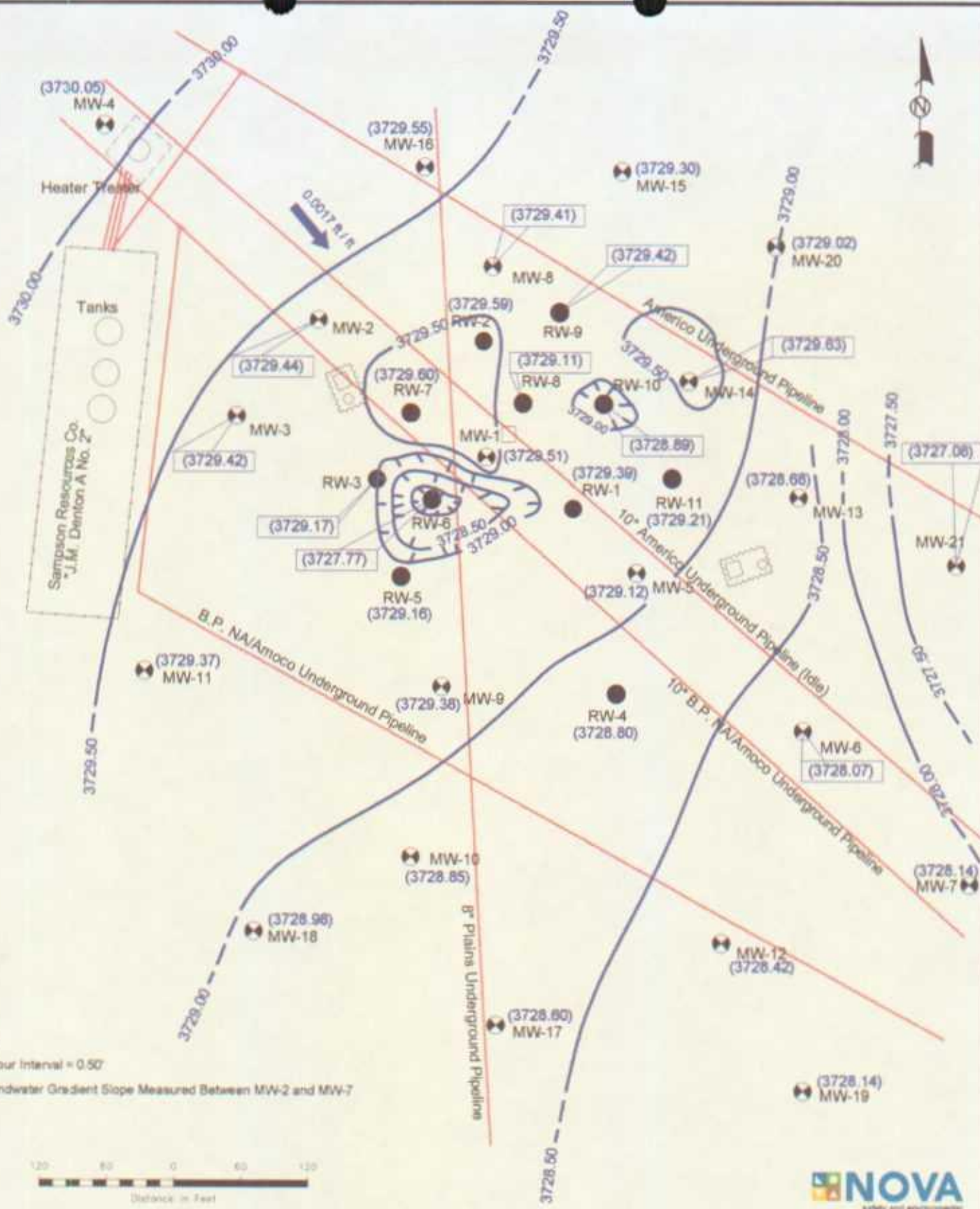
NOVA Safety and Environmental

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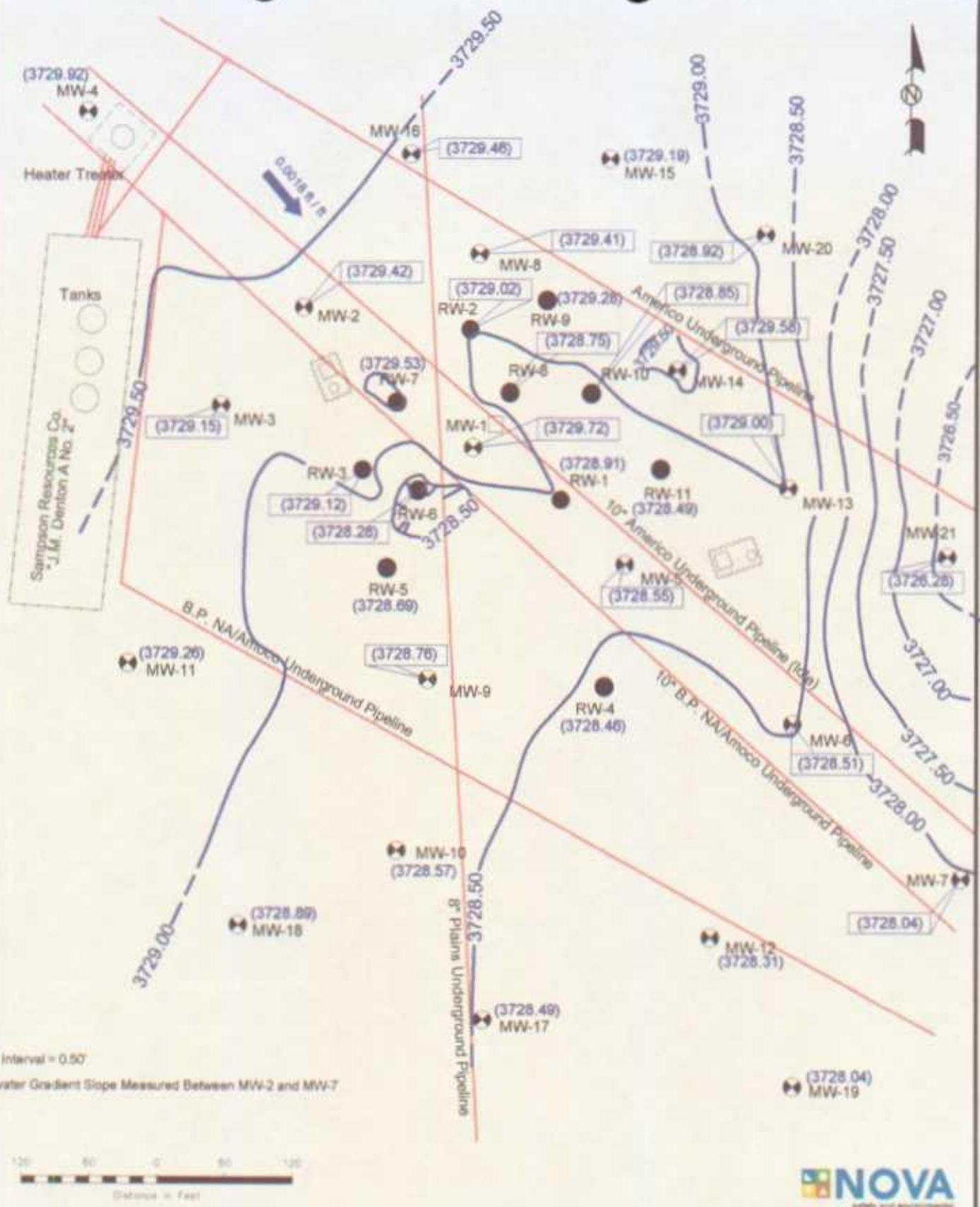
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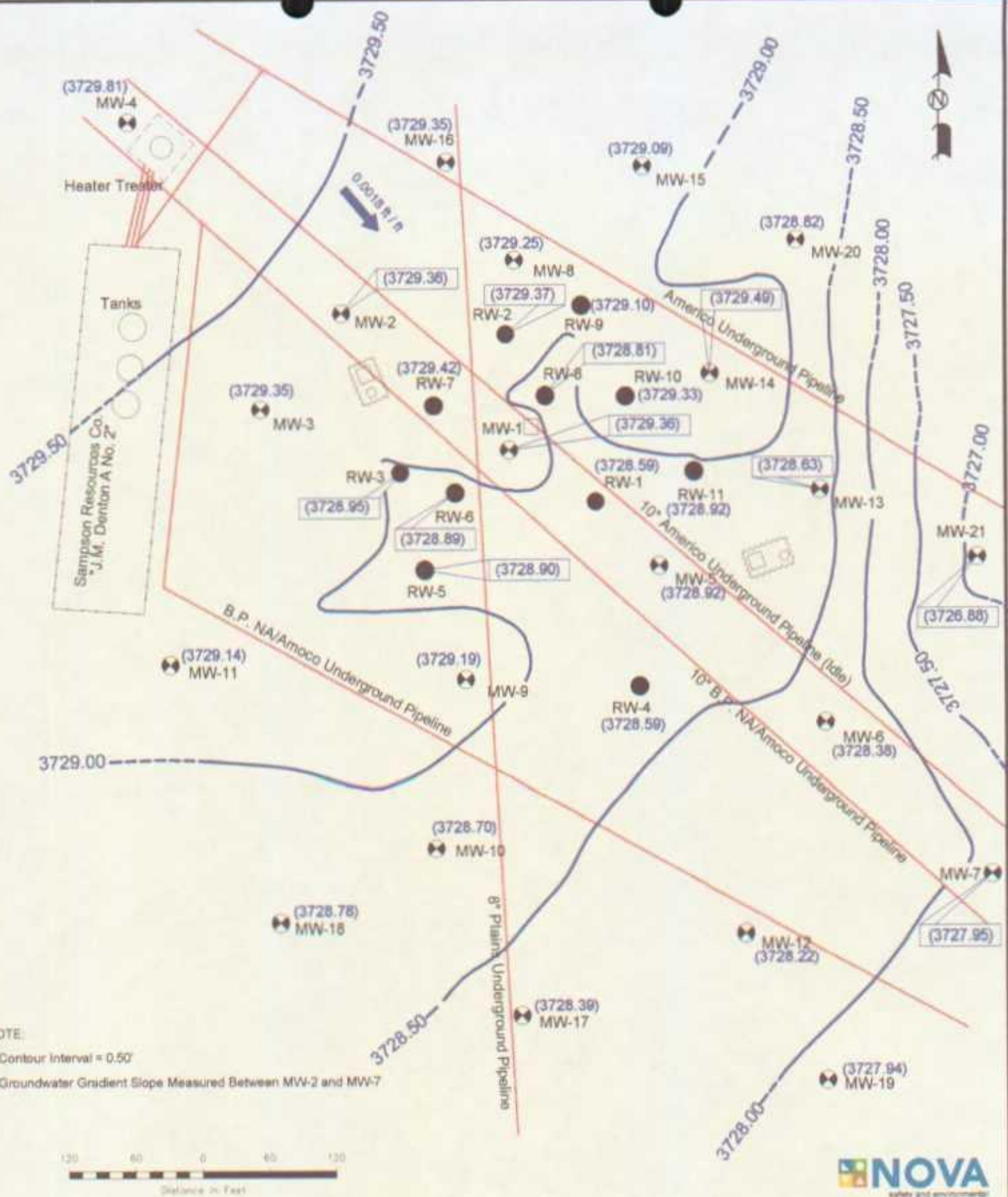
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February 15, 2006

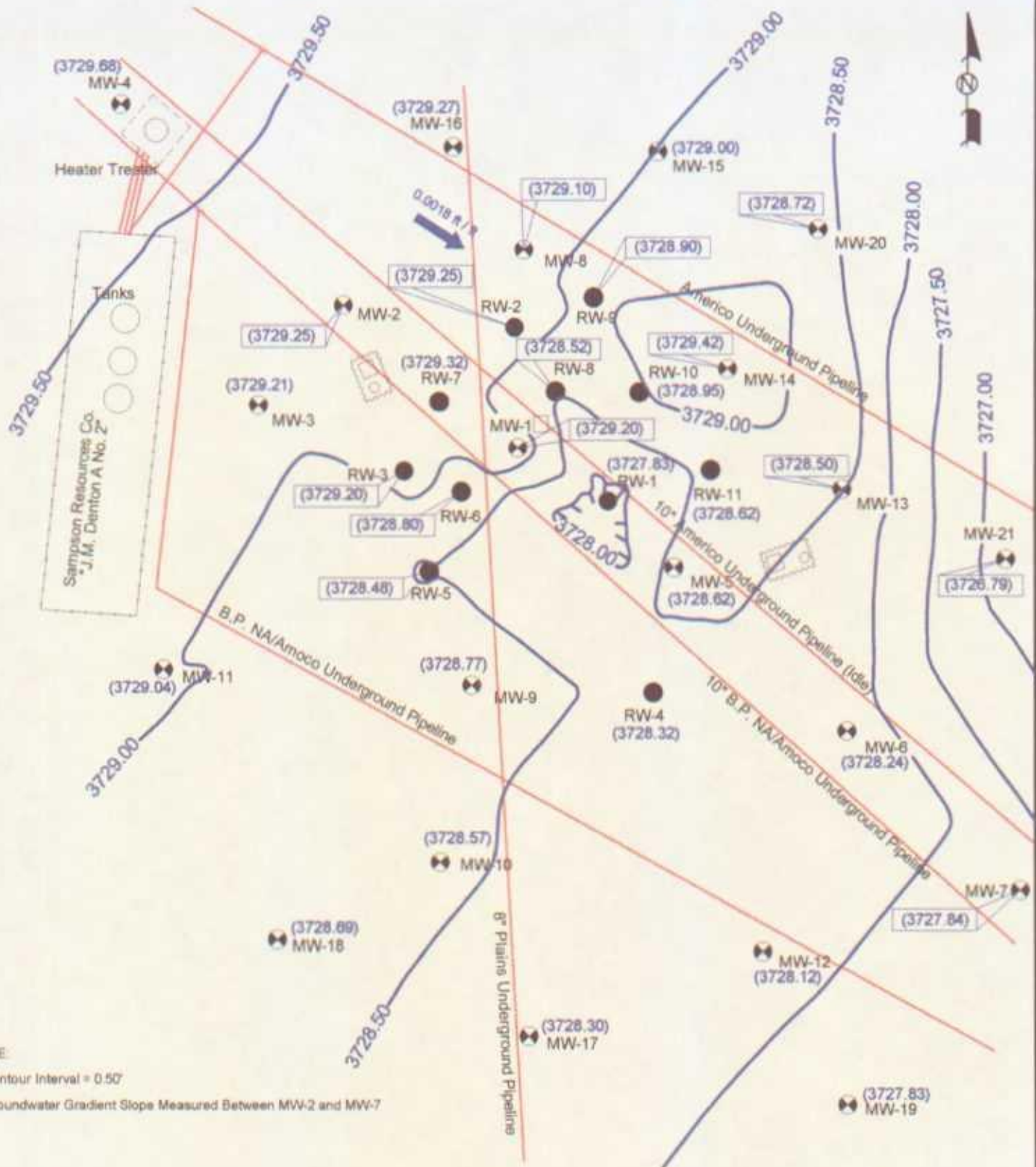












**NOTE:**

- Contour Interval = 0.50'
- Groundwater Gradient Slope Measured Between MW-2 and MW-7

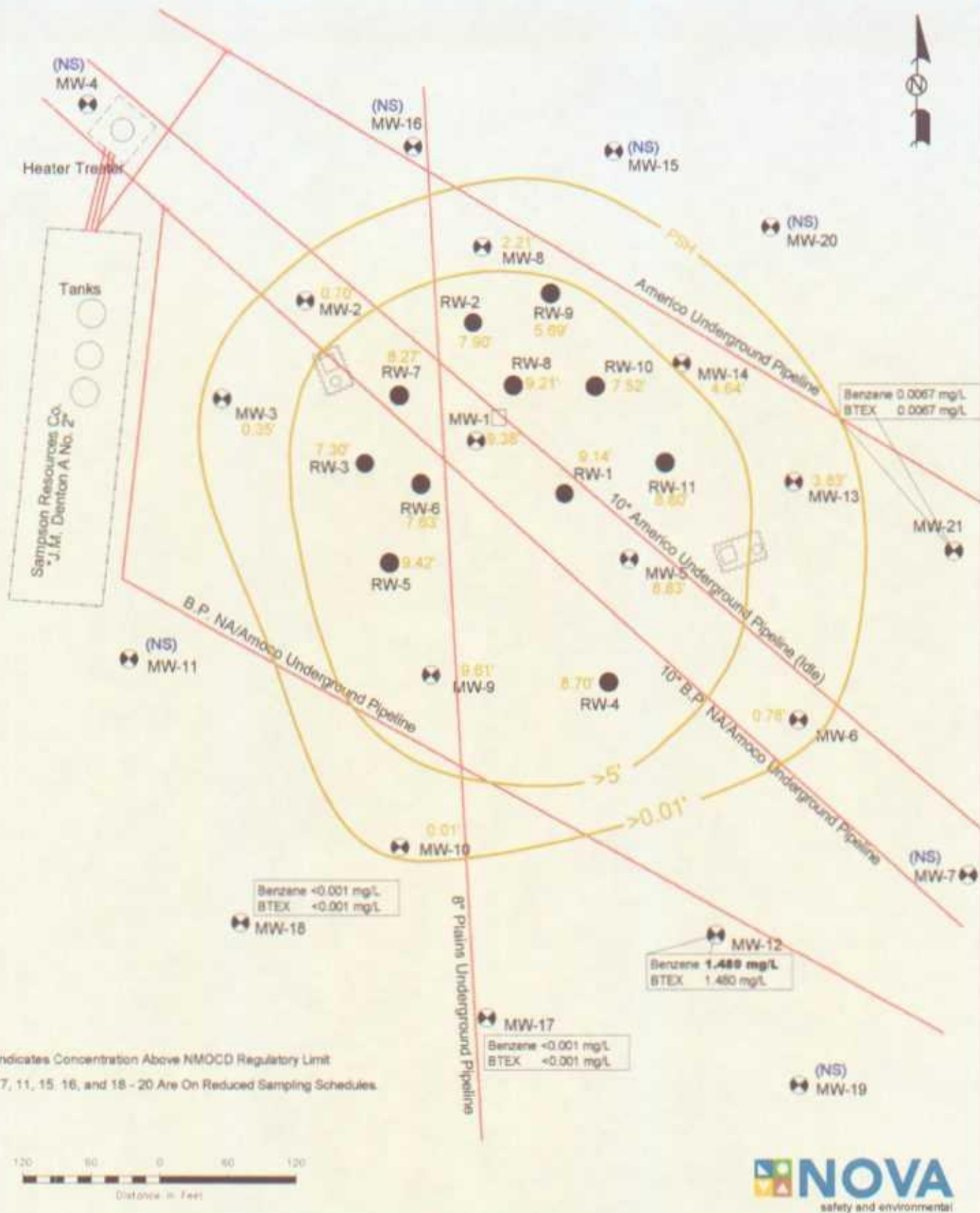


<ul style="list-style-type: none"> <li>Monitor Well Location</li> <li>Recovery Well Location</li> <li>Product/Recovery Line</li> <li>Pipeline</li> <li>Groundwater Elevation Contour Line</li> <li>Groundwater Gradient Direction and Magnitude</li> </ul>	<ul style="list-style-type: none"> <li>(3728.80) Groundwater Elevation (feet)</li> <li>Bermed Containment Area</li> <li>Shed</li> <li>Poly Tank</li> </ul>
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**Figure 2D**  
**Inferred Groundwater**  
**Gradient Map (12/21/05)**  
**Plains Marketing, L.P.**  
**Darr Angell #1**  
**Lea County, NM**

<b>NOVA Safety and Environmental</b>		
NW1/4 SE1/4 Sec 11 T15S R37E	33° 01' 36.0"N 103° 10' 00.7"W	
Scale: 1"=120'	Prep By: DPM	Checked By: CDS
January 11, 2006		





#### NOTE

- **BOLD** Indicates Concentration Above NMOC Regulatory Limit
- MWs 4, 7, 11, 15, 16, and 18 - 20 Are On Reduced Sampling Schedules.

**Figure 3A**  
Groundwater Concentration  
and Inferred PSH Extent  
Map (3/21/05)  
Plains Marketing, L.P.  
Darr Angell #1  
Lea County, NM

**NOVA Safety and Environmental**

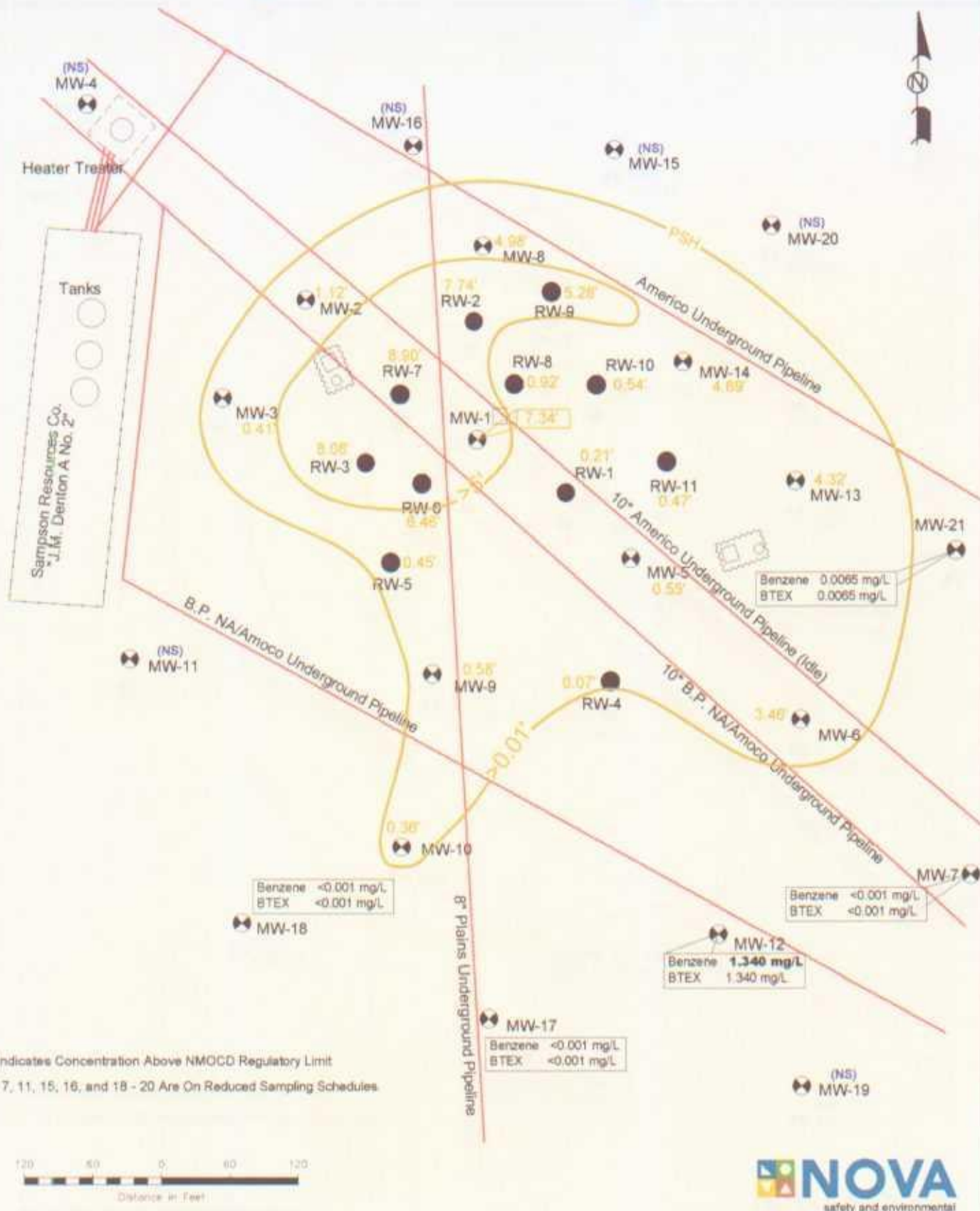
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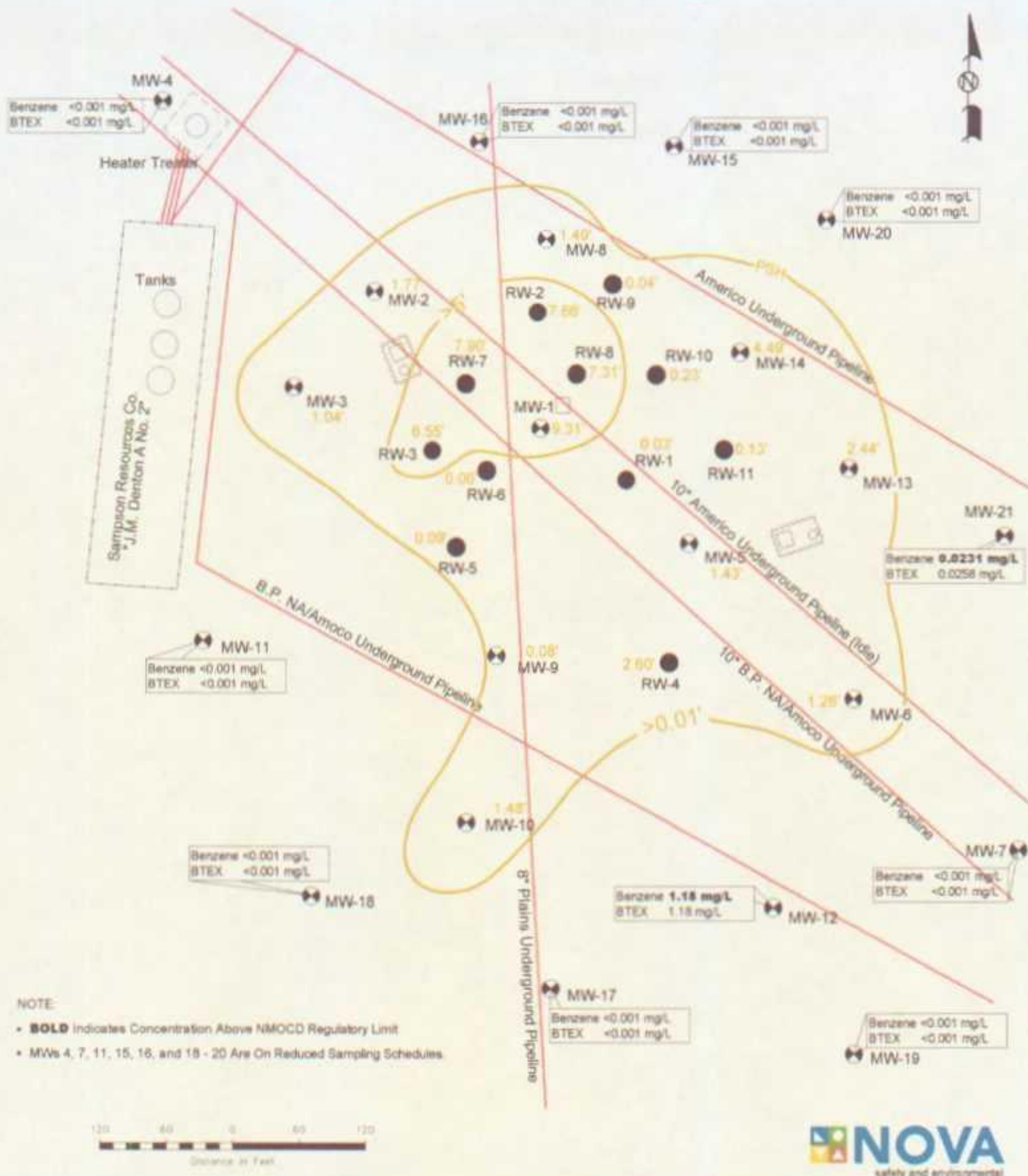
Prep By: DPM

Checked By: MRE

May 9, 2005







# Tables

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	01/11/05	3787.62	56.62	66.05	9.43	3729.59
	01/17/05	3787.62	56.65	65.98	9.33	3729.57
	01/20/05	3787.62	56.58	65.85	9.27	3729.65
	01/24/05	3787.62	56.67	65.88	9.21	3729.57
	01/31/05	3787.62	56.60	65.83	9.23	3729.64
	02/05/05	3787.62	56.59	65.81	9.22	3729.65
	02/09/05	3787.62	56.64	66.02	9.38	3729.57
	02/28/05	3787.62	56.60	65.83	9.23	3729.64
	03/04/05	3787.62	56.72	65.74	9.02	3729.55
	03/08/05	3787.62	56.70	65.77	9.07	3729.56
	03/14/05	3787.62	56.70	66.10	9.40	3729.51
	03/21/05	3787.62	56.70	66.08	9.38	3729.51
	03/21/05	3787.62	56.70	66.08	9.38	3729.51
	03/25/05	3787.62	56.74	66.05	9.31	3729.48
	03/29/05	3787.62	56.70	66.08	9.38	3729.51
	06/20/05	3787.62	56.80	64.14	7.34	3729.72
	06/20/05	3787.62	56.80	64.14	7.34	3729.72
	07/12/05	3787.62	56.82	66.20	9.38	3729.39
	07/15/05	3787.62	56.83	66.10	9.27	3729.40
	08/02/05	3787.62	56.83	66.52	9.69	3729.34
	08/11/05	3787.62	56.82	66.21	9.39	3729.39
	08/18/05	3787.62	56.83	66.22	9.39	3729.38
	08/23/05	3787.62	56.85	66.18	9.33	3729.37
	08/29/05	3787.62	56.86	66.21	9.35	3729.36
	09/06/05	3787.62	56.85	66.20	9.35	3729.37
	09/16/05	3787.62	56.89	66.24	9.35	3729.33
	09/19/05	3787.62	56.86	66.21	9.35	3729.36
	09/21/05	3787.62	58.80	66.30	7.50	3727.70
	09/27/05	3787.62	56.89	66.17	9.28	3729.34
	10/04/05	3787.62	58.99	66.10	7.11	3727.56
	10/12/05	3787.62	56.95	66.30	9.35	3729.27
	10/14/05	3787.62	56.93	66.23	9.30	3729.30
	10/26/05	3787.62	56.92	66.27	9.35	3729.30
	11/02/05	3787.62	56.95	66.28	9.33	3729.27
	11/09/05	3787.62	57.10	63.47	6.37	3729.56
	11/16/05	3787.62	56.96	66.31	9.35	3729.26
	11/21/05	3787.62	56.98	66.27	9.29	3729.25
	11/28/05	3787.62	57.00	66.30	9.30	3729.23
	12/13/05	3787.62	57.03	66.38	9.35	3729.19
	12/21/05	3787.62	57.02	66.33	9.31	3729.20
	12/21/05	3787.62	57.02	66.33	9.31	3729.20
	12/27/05	3787.62	57.03	66.30	9.27	3729.20

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-2	01/11/05	3788.19	57.80	62.48	4.68	3729.69
	01/17/05	3788.19	58.32	60.10	1.78	3729.60
	01/20/05	3788.19	58.54	59.50	0.96	3729.51
	01/24/05	3788.19	58.50	59.14	0.64	3729.59
	01/31/05	3788.19	58.63	59.07	0.44	3729.49
	02/05/05	3788.19	58.62	59.05	0.43	3729.51
	02/09/05	3788.19	58.60	59.22	0.62	3729.50
	02/28/05	3788.19	58.45	59.90	1.45	3729.52
	03/04/05	3788.19	58.60	59.15	0.55	3729.51
	03/08/05	3788.19	58.60	59.13	0.53	3729.51
	03/14/05	3788.19	58.60	59.20	0.60	3729.50
	03/21/05	3788.19	58.65	59.35	0.70	3729.44
	03/21/05	3788.19	58.65	59.35	0.70	3729.44
	03/25/05	3788.19	58.65	59.33	0.68	3729.44
	03/29/05	3788.19	58.87	59.60	0.73	3729.21
	06/20/05	3788.19	58.60	59.72	1.12	3729.42
	06/20/05	3788.19	58.60	59.72	1.12	3729.42
	07/12/05	3788.19	58.38	60.64	2.26	3729.47
	08/02/05	3788.19	58.68	59.52	0.84	3729.38
	08/11/05	3788.19	58.51	60.13	1.62	3729.44
	08/18/05	3788.19	58.52	60.31	1.79	3729.40
	08/23/05	3788.19	58.69	59.43	0.74	3729.39
	08/29/05	3788.19	58.69	59.70	1.01	3729.35
	09/06/05	3788.19	58.58	59.62	1.04	3729.45
	09/16/05	3788.19	58.53	60.42	1.89	3729.38
	09/19/05	3788.19	58.77	59.20	0.43	3729.36
	09/21/05	3788.19	58.79	59.25	0.46	3729.33
	09/27/05	3788.19	58.71	59.50	0.79	3729.36
	10/04/05	3788.19	58.76	59.58	0.82	3729.31
	10/12/05	3788.19	58.74	59.61	0.87	3729.32
	10/14/05	3788.19	58.72	59.61	0.89	3729.34
	10/26/05	3788.19	58.75	59.52	0.77	3729.32
	11/02/05	3788.19	58.71	59.78	1.07	3729.32
	11/09/05	3788.19	58.77	59.91	1.14	3729.25
	11/16/05	3788.19	58.77	59.66	0.89	3729.29
	11/21/05	3788.19	58.85	59.40	0.55	3729.26
	11/28/05	3788.19	58.80	59.60	0.80	3729.27
	12/13/05	3788.19	58.73	59.53	0.80	3729.34
	12/21/05	3788.19	58.67	60.44	1.77	3729.25
	12/21/05	3788.19	58.67	60.44	1.77	3729.25
	12/27/05	3788.19	58.62	60.61	1.99	3729.27

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-3	01/11/05	3789.03	58.94	62.10	3.16	3729.62
	01/17/05	3789.03	59.29	60.47	1.18	3729.56
	01/20/05	3789.03	59.54	60.32	0.78	3729.37
	01/24/05	3789.03	59.57	60.10	0.53	3729.38
	01/31/05	3789.03	59.60	59.90	0.30	3729.39
	02/05/05	3789.03	59.61	59.87	0.26	3729.38
	02/09/05	3789.03	58.59	58.93	0.34	3730.39
	02/28/05	3789.03	59.55	60.15	0.60	3729.39
	03/04/05	3789.03	59.53	60.06	0.53	3729.42
	03/08/05	3789.03	59.56	59.88	0.32	3729.42
	03/14/05	3789.03	59.57	59.95	0.38	3729.40
	03/21/05	3789.03	59.56	59.91	0.35	3729.42
	03/21/05	3789.03	59.56	59.91	0.35	3729.42
	03/25/05	3789.03	59.58	59.92	0.34	3729.40
	03/29/05	3789.03	59.52	59.95	0.43	3729.45
	06/20/05	3789.03	59.82	60.23	0.41	3729.15
	06/20/05	3789.03	59.82	60.23	0.41	3729.15
	07/12/05	3789.03	59.37	61.06	1.69	3729.41
	08/02/05	3789.03	59.66	60.13	0.47	3729.30
	08/11/05	3789.03	59.54	60.26	0.72	3729.38
	08/18/05	3789.03	59.91	60.28	0.37	3729.06
	08/23/05	3789.03	59.55	60.34	0.79	3729.36
	08/29/05	3789.03	59.52	60.49	0.97	3729.36
	09/06/05	3789.03	59.50	60.68	1.18	3729.35
	09/16/05	3789.03	59.47	60.89	1.42	3729.35
	09/19/05	3789.03	59.46	60.95	1.49	3729.35
	09/21/05	3789.03	59.47	61.00	1.53	3729.33
	09/27/05	3789.03	59.62	60.15	0.53	3729.33
	10/04/05	3789.03	59.69	60.11	0.42	3729.28
	10/12/05	3789.03	59.68	60.23	0.55	3729.27
	10/14/05	3789.03	59.62	60.36	0.74	3729.30
	10/26/05	3789.03	59.65	60.26	0.61	3729.29
	11/02/05	3789.03	59.68	60.21	0.53	3729.27
	11/09/05	3789.03	59.70	60.31	0.61	3729.24
	11/16/05	3789.03	59.71	60.22	0.51	3729.24
	11/21/05	3789.03	59.74	60.10	0.36	3729.24
	11/28/05	3789.03	59.72	60.23	0.51	3729.23
	12/13/05	3789.03	59.69	60.55	0.86	3729.21
	12/21/05	3789.03	59.66	60.70	1.04	3729.21
	12/21/05	3789.03	59.66	60.70	1.04	3729.21
	12/27/05	3789.03	59.64	60.81	1.17	3729.21

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-4	03/21/05	3790.06	-	60.01	0.00	3730.05
	06/20/05	3790.06	-	60.14	0.00	3729.92
	09/19/05	3790.06	-	60.25	0.00	3729.81
	12/21/05	3790.06	-	60.38	0.00	3729.68
MW-5	01/11/05	3787.47	56.89	65.92	9.03	3729.23
	01/17/05	3787.47	56.92	65.90	8.98	3729.20
	01/20/05	3787.47	56.95	65.70	8.75	3729.21
	01/24/05	3787.47	56.94	65.74	8.80	3729.21
	01/31/05	3787.47	56.91	65.72	8.81	3729.24
	02/05/05	3787.47	56.93	65.75	8.82	3729.22
	02/09/05	3787.47	56.92	65.90	8.98	3729.20
	02/28/05	3787.47	56.94	65.95	9.01	3729.18
	03/04/05	3787.47	57.02	65.86	8.84	3729.12
	03/08/05	3787.47	57.04	65.85	8.81	3729.11
	03/14/05	3787.47	56.95	65.96	9.01	3729.17
	03/21/05	3787.47	57.03	65.86	8.83	3729.12
	03/21/05	3787.47	57.03	65.86	8.83	3729.12
	03/25/05	3787.47	57.10	65.76	8.66	3729.07
	03/29/05	3787.47	57.11	65.72	8.61	3729.07
	06/20/05	3787.47	58.84	59.39	0.55	3728.55
	06/20/05	3787.47	58.84	59.39	0.55	3728.55
	07/12/05	3787.47	59.25	60.13	0.88	3728.09
	08/11/05	3787.47	57.99	62.21	4.22	3728.85
	08/17/05	3787.47	57.92	62.34	4.42	3728.89
	08/23/05	3787.47	57.98	62.41	4.43	3728.83
	08/29/05	3787.47	57.25	65.61	8.36	3728.97
	09/06/05	3787.47	57.30	65.70	8.40	3728.91
	09/15/05	3787.47	57.28	65.70	8.42	3728.93
	09/16/05	3787.47	57.28	65.70	8.42	3728.93
	09/19/05	3787.47	57.29	65.70	8.41	3728.92
	09/21/05	3787.47	57.29	65.70	8.41	3728.92
	09/27/05	3787.47	57.28	65.68	8.40	3728.93
	10/04/05	3787.47	58.70	59.25	0.55	3728.69
	10/12/05	3787.47	58.79	59.11	0.32	3728.63
	10/14/05	3787.47	58.75	59.27	0.52	3728.64
	10/26/05	3787.47	58.71	59.32	0.61	3728.67
	11/16/05	3787.47	58.75	59.31	0.56	3728.64
	11/21/05	3787.47	58.86	59.15	0.29	3728.57
	11/28/05	3787.47	58.82	58.99	0.17	3728.62
	12/13/05	3787.47	57.49	65.35	7.86	3728.80
	12/21/05	3787.47	58.64	60.07	1.43	3728.62
	12/27/05	3787.47	58.83	59.40	0.57	3728.55



**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-6	01/11/05	3786.81	57.41	62.15	4.74	3728.69
	01/17/05	3786.81	57.90	59.90	2.00	3728.61
	01/20/05	3786.81	58.10	59.05	0.95	3728.57
	01/24/05	3786.81	58.15	58.95	0.80	3728.54
	01/31/05	3786.81	58.26	58.77	0.51	3728.47
	02/05/05	3786.81	58.29	58.74	0.45	3728.45
	02/09/05	3786.81	58.25	58.90	0.65	3728.46
	02/28/05	3786.81	58.17	59.38	1.21	3728.46
	03/04/05	3786.81	58.38	59.20	0.82	3728.31
	03/08/05	3786.81	58.39	59.20	0.81	3728.30
	03/14/05	3786.81	58.15	59.40	1.25	3728.47
	03/21/05	3786.81	58.62	59.40	0.78	3728.07
	03/21/05	3786.81	58.62	59.40	0.78	3728.07
	03/25/05	3786.81	58.68	59.40	0.72	3728.02
	03/29/05	3786.81	58.70	59.37	0.67	3728.01
	06/20/05	3786.81	57.78	61.24	3.46	3728.51
	06/20/05	3786.81	57.78	61.24	3.46	3728.51
	08/05/05	3786.81	58.69	59.49	0.80	3728.00
	08/17/05	3786.81	57.73	62.08	4.35	3728.43
	08/23/05	3786.81	58.18	59.71	1.53	3728.40
	08/29/05	3786.81	58.30	59.19	0.89	3728.38
	09/06/05	3786.81	58.29	59.19	0.90	3728.39
	09/16/05	3786.81	58.22	62.18	3.96	3728.00
	09/19/05	3786.81	58.30	59.19	0.89	3728.38
	09/21/05	3786.81	58.30	58.90	0.60	3728.42
	09/27/05	3786.81	58.26	59.21	0.95	3728.41
	10/04/05	3786.81	58.15	60.25	2.10	3728.35
	10/12/05	3786.81	58.39	59.20	0.81	3728.30
	10/14/05	3786.81	58.35	59.23	0.88	3728.33
	10/26/05	3786.81	58.42	59.07	0.65	3728.29
	11/02/05	3786.81	58.40	59.28	0.88	3728.28
	11/09/05	3786.81	58.38	59.12	0.74	3728.32
	11/16/05	3786.81	58.47	59.33	0.86	3728.21
	11/21/05	3786.81	58.30	58.93	0.63	3728.42
	11/28/05	3786.81	58.29	59.93	1.64	3728.27
	12/13/05	3786.81	58.42	59.10	0.68	3728.29
	12/21/05	3786.81	58.38	59.64	1.26	3728.24
	12/21/05	3786.81	58.38	59.64	1.26	3728.24
	12/27/05	3786.81	58.51	59.09	0.58	3728.21
MW-7	03/21/05	3786.82	-	58.68	0.00	3728.14

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-7	06/20/05	3786.82	-	58.78	0.00	3728.04
	09/19/05	3786.82	-	58.87	0.00	3727.95
	12/21/05	3786.82	-	58.98	0.00	3727.84
MW-8	01/11/05	3788.24	57.80	63.65	5.85	3729.56
	01/17/05	3788.24	58.30	61.30	3.00	3729.49
	01/20/05	3788.24	58.55	60.21	1.66	3729.44
	01/24/05	3788.24	58.56	60.09	1.53	3729.45
	01/31/05	3788.24	58.52	60.35	1.83	3729.45
	02/05/05	3788.24	58.50	60.32	1.82	3729.47
	02/09/05	3788.24	58.44	60.72	2.28	3729.46
	02/28/05	3788.24	58.28	61.88	3.60	3729.42
	03/04/05	3788.24	58.53	60.44	1.91	3729.42
	03/08/05	3788.24	57.61	59.98	2.37	3730.27
	03/14/05	3788.24	58.60	60.12	1.52	3729.41
	03/21/05	3788.24	58.50	60.70	2.20	3729.41
	03/21/05	3788.24	58.50	60.70	2.20	3729.41
	03/25/05	3788.24	58.69	59.69	1.00	3729.40
	03/29/05	3788.24	58.70	59.71	1.01	3729.39
	06/20/05	3788.24	58.08	63.06	4.98	3729.41
	06/20/05	3788.24	58.08	63.06	4.98	3729.41
	07/12/05	3788.24	57.97	63.85	5.88	3729.39
	08/02/05	3788.24	58.13	62.66	4.53	3729.43
	08/11/05	3788.24	58.58	61.09	2.51	3729.28
	08/18/05	3788.24	58.41	61.85	3.44	3729.31
	08/23/05	3788.24	58.61	60.73	2.12	3729.31
	08/29/05	3788.24	58.74	60.40	1.66	3729.25
	09/06/05	3788.24	58.69	60.62	1.93	3729.26
	09/16/05	3788.24	58.70	60.73	2.03	3729.24
	09/19/05	3788.24	58.60	61.17	2.57	3729.25
	09/21/05	3788.24	58.60	61.38	2.78	3729.22
	09/27/05	3788.24	58.77	60.45	1.68	3729.22
	10/04/05	3788.24	58.88	60.13	1.25	3729.17
	10/12/05	3788.24	58.81	60.50	1.69	3729.18
	10/14/05	3788.24	58.83	60.26	1.43	3729.20
	10/26/05	3788.24	58.64	61.21	2.57	3729.21
	11/02/05	3788.24	58.75	60.72	1.97	3729.19
	11/09/05	3788.24	58.64	60.33	1.69	3729.35
	11/16/05	3788.24	58.71	61.08	2.37	3729.17
	11/21/05	3788.24	58.89	60.29	1.40	3729.14
	11/28/05	3788.24	58.90	60.29	1.39	3729.13
	12/13/05	3788.24	58.91	61.03	2.12	3729.01

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-8	12/21/05	3788.24	58.92	60.41	1.49	3729.10
	12/21/05	3788.24	58.92	60.41	1.49	3729.10
	12/27/05	3788.24	58.96	60.12	1.16	3729.11
MW-9	01/11/05	3788.33	57.47	67.20	9.73	3729.40
	01/17/05	3788.33	57.50	67.01	9.51	3729.40
	01/20/05	3788.33	57.56	66.74	9.18	3729.39
	01/24/05	3788.33	57.55	66.78	9.23	3729.40
	01/31/05	3788.33	57.53	66.72	9.19	3729.42
	02/05/05	3788.33	57.57	66.70	9.13	3729.39
	02/09/05	3788.33	57.48	67.12	9.64	3729.40
	02/28/05	3788.33	57.49	67.15	9.66	3729.39
	03/04/05	3788.33	57.60	67.01	9.41	3729.32
	03/08/05	3788.33	57.49	67.10	9.61	3729.40
	03/14/05	3788.33	57.52	67.05	9.53	3729.38
	03/21/05	3788.33	57.51	67.12	9.61	3729.38
	03/21/05	3788.33	57.51	67.12	9.61	3729.38
	03/25/05	3788.33	57.52	67.10	9.58	3729.37
	03/29/05	3788.33	57.50	67.10	9.60	3729.39
	06/20/05	3788.33	59.48	60.06	0.58	3728.76
	06/20/05	3788.33	59.48	60.06	0.58	3728.76
	07/12/05	3788.33	58.85	61.82	2.97	3729.03
	08/02/05	3788.33	57.85	66.57	8.72	3729.17
	08/11/05	3788.33	57.79	66.69	8.90	3729.21
	08/18/05	3788.33	58.24	64.58	6.34	3729.14
	08/23/05	3788.33	57.94	65.94	8.00	3729.19
	08/29/05	3788.33	57.83	66.57	8.74	3729.19
	09/06/05	3788.33	57.79	66.60	8.81	3729.22
	09/16/05	3788.33	58.67	65.50	6.83	3728.64
	09/19/05	3788.33	57.82	66.59	8.77	3729.19
	09/21/05	3788.33	57.89	66.65	8.76	3729.13
	09/27/05	3788.33	57.82	66.73	8.91	3729.17
	10/12/05	3788.33	59.50	59.58	0.08	3728.82
	10/14/05	3788.33	58.00	66.27	8.27	3729.09
	10/26/05	3788.33	59.46	59.54	0.08	3728.86
	11/02/05	3788.33	59.45	59.55	0.10	3728.87
	11/09/05	3788.33	59.47	59.52	0.05	3728.85
	11/16/05	3788.33	58.56	63.77	5.21	3728.99
	11/21/05	3788.33	59.52	59.58	0.06	3728.80
	11/28/05	3788.33	59.53	59.61	0.08	3728.79
	12/13/05	3788.33	58.16	65.95	7.79	3729.00
	12/21/05	3788.33	59.55	59.63	0.08	3728.77

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-9	12/21/05	3788.33	59.55	59.63	0.08	3728.77
	12/27/05	3788.33	58.18	65.81	7.63	3729.01
MW-10	01/11/05	3788.46	59.47	60.20	0.73	3728.88
	01/17/05	3788.46	59.51	60.01	0.50	3728.88
	01/20/05	3788.46	59.50	59.87	0.37	3728.90
	01/24/05	3788.46	59.53	59.77	0.24	3728.89
	01/31/05	3788.46	59.59	59.71	0.12	3728.85
	02/05/05	3788.46	59.61	59.79	0.18	3728.82
	02/09/05	3788.46	59.60	59.62	0.02	3728.86
	02/28/05	3788.46	59.60	59.70	0.10	3728.85
	03/04/05	3788.46	59.61	59.62	0.01	3728.85
	03/08/05	3788.46	59.61	59.62	0.01	3728.85
	03/14/05	3788.46	SHEEN	59.62	0.00	3728.84
	03/21/05	3788.46	59.61	59.62	0.01	3728.85
	03/21/05	3788.46	59.61	59.62	0.01	3728.85
	03/25/05	3788.46	59.61	59.62	0.01	3728.85
	03/29/05	3788.46	59.61	59.62	0.01	3728.85
	06/20/05	3788.46	59.84	60.20	0.36	3728.57
	06/20/05	3788.46	59.84	60.20	0.36	3728.57
	08/02/05	3788.46	59.55	60.84	1.29	3728.72
	08/23/05	3788.46	59.63	59.64	0.01	3728.83
	08/29/05	3788.46	59.50	61.14	1.64	3728.71
	09/06/05	3788.46	59.62	60.63	1.01	3728.69
	09/19/05	3788.46	59.60	60.67	1.07	3728.70
	09/21/05	3788.46	59.64	60.76	1.12	3728.65
	09/27/05	3788.46	59.54	60.75	1.21	3728.74
	10/04/05	3788.46	59.70	60.52	0.82	3728.64
	10/12/05	3788.46	59.79	60.39	0.60	3728.58
	10/14/05	3788.46	59.71	60.55	0.84	3728.62
	11/02/05	3788.46	59.69	59.94	0.25	3728.73
	11/09/05	3788.46	59.68	60.10	0.42	3728.72
	11/16/05	3788.46	59.63	60.53	0.90	3728.70
	11/21/05	3788.46	59.64	61.03	1.39	3728.61
	11/28/05	3788.46	59.75	60.60	0.85	3728.58
	12/13/05	3788.46	59.79	60.31	0.52	3728.59
	12/21/05	3788.46	59.67	61.15	1.48	3728.57
	12/21/05	3788.46	59.67	61.15	1.48	3728.57
	12/27/05	3788.46	59.77	60.66	0.89	3728.56
MW-11	03/21/05	3789.55	-	60.18	0.00	3729.37
	06/20/05	3789.55	-	60.29	0.00	3729.26

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-11	09/19/05	3789.55	-	60.41	0.00	3729.14
	12/21/05	3789.55	-	60.51	0.00	3729.04
MW-12	03/21/05	3787.81	-	59.39	0.00	3728.42
	06/20/05	3787.81	-	59.50	0.00	3728.31
	09/19/05	3787.81	-	59.59	0.00	3728.22
	12/21/05	3787.81	-	59.69	0.00	3728.12
MW-13	01/11/05	3788.55	58.75	63.27	4.52	3729.12
	01/17/05	3788.55	59.31	61.99	2.68	3728.84
	01/20/05	3788.55	59.50	60.99	1.49	3728.83
	01/24/05	3788.55	59.53	60.90	1.37	3728.81
	01/31/05	3788.55	59.50	60.87	1.37	3728.84
	02/05/05	3788.55	59.53	60.90	1.37	3728.81
	02/09/05	3788.55	59.25	62.28	3.03	3728.85
	02/28/05	3788.55	59.00	63.45	4.45	3728.88
	03/04/05	3788.55	59.50	61.20	1.70	3728.80
	03/08/05	3788.55	59.67	60.98	1.31	3728.68
	03/14/05	3788.55	59.95	61.33	1.38	3728.39
	03/21/05	3788.55	59.30	63.13	3.83	3728.68
	03/21/05	3788.55	59.30	63.13	3.83	3728.68
	03/25/05	3788.55	59.59	60.83	1.24	3728.77
	03/29/05	3788.55	59.59	60.85	1.26	3728.77
	06/20/05	3788.55	58.90	63.22	4.32	3729.00
	06/20/05	3788.55	58.90	63.22	4.32	3729.00
	08/05/05	3788.55	58.93	63.30	4.37	3728.96
	08/17/05	3788.55	59.28	63.05	3.77	3728.70
	08/23/05	3788.55	59.55	61.96	2.41	3728.64
	08/29/05	3788.55	59.67	61.75	2.08	3728.57
	09/06/05	3788.55	59.55	62.09	2.54	3728.62
	09/16/05	3788.55	59.48	62.50	3.02	3728.62
	09/19/05	3788.55	59.41	62.79	3.38	3728.63
	09/21/05	3788.55	59.41	62.79	3.38	3728.63
	09/27/05	3788.55	59.27	63.32	4.05	3728.67
	10/04/05	3788.55	59.59	62.19	2.60	3728.57
	10/12/05	3788.55	59.68	62.10	2.42	3728.51
	10/14/05	3788.55	59.52	62.51	2.99	3728.58
	10/26/05	3788.55	59.61	62.15	2.54	3728.56
	11/02/05	3788.55	59.45	61.82	2.37	3728.74
	11/09/05	3788.55	59.33	61.72	2.39	3728.86
	11/21/05	3788.55	59.11	63.30	4.19	3728.81
	11/28/05	3788.55	59.63	62.35	2.72	3728.51

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-13	12/13/05	3788.55	59.55	62.96	3.41	3728.49
	12/21/05	3788.55	59.68	62.12	2.44	3728.50
	12/27/05	3788.55	59.80	61.67	1.87	3728.47
MW-14	01/11/05	3788.72	58.33	63.13	4.80	3729.67
	01/17/05	3788.72	58.34	63.15	4.81	3729.66
	01/20/05	3788.72	58.37	63.11	4.74	3729.64
	01/24/05	3788.72	58.36	63.13	4.77	3729.64
	01/31/05	3788.72	58.32	63.15	4.83	3729.68
	02/05/05	3788.72	58.30	63.13	4.83	3729.70
	02/09/05	3788.72	58.35	63.13	4.78	3729.65
	02/28/05	3788.72	58.36	63.15	4.79	3729.64
	03/04/05	3788.72	58.39	62.19	3.80	3729.76
	03/08/05	3788.72	58.37	63.12	4.75	3729.64
	03/14/05	3788.72	58.36	63.15	4.79	3729.64
	03/21/05	3788.72	58.39	63.03	4.64	3729.63
	03/21/05	3788.72	58.39	63.03	4.64	3729.63
	03/25/05	3788.72	58.41	63.14	4.73	3729.60
	03/29/05	3788.72	58.42	62.95	4.53	3729.62
	06/20/05	3788.72	58.44	63.13	4.69	3729.58
	06/20/05	3788.72	58.44	63.13	4.69	3729.58
	08/05/05	3788.72	58.50	63.13	4.63	3729.53
	08/17/05	3788.72	58.48	63.06	4.58	3729.55
	08/23/05	3788.72	58.49	63.12	4.63	3729.54
	08/29/05	3788.72	58.50	63.12	4.62	3729.53
	09/06/05	3788.72	58.52	63.13	4.61	3729.51
	09/15/05	3788.72	58.54	63.13	4.59	3729.49
	09/19/05	3788.72	58.54	63.13	4.59	3729.49
	09/21/05	3788.72	58.54	63.13	4.59	3729.49
	09/27/05	3788.72	58.53	63.11	4.58	3729.50
	10/04/05	3788.72	58.58	63.15	4.57	3729.45
	10/12/05	3788.72	58.57	63.15	4.58	3729.46
	10/14/05	3788.72	58.57	63.12	4.55	3729.47
	10/26/05	3788.72	58.56	63.09	4.53	3729.48
	11/02/05	3788.72	58.57	63.12	4.55	3729.47
	11/09/05	3788.72	58.32	61.12	2.80	3729.98
	11/16/05	3788.72	58.58	63.13	4.55	3729.46
	11/21/05	3788.72	58.63	63.14	4.51	3729.41
	11/28/05	3788.72	58.62	63.10	4.48	3729.43
	12/13/05	3788.72	58.61	63.13	4.52	3729.43
	12/21/05	3788.72	58.63	63.12	4.49	3729.42
	12/27/05	3788.72	58.65	63.14	4.49	3729.40

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-15	03/21/05	3788.95	-	59.65	0.00	3729.30
	06/20/05	3788.95	-	59.76	0.00	3729.19
	09/19/05	3788.95	-	59.86	0.00	3729.09
	12/21/05	3788.95	-	59.95	0.00	3729.00
MW-16	03/21/05	3789.61	-	60.06	0.00	3729.55
	06/20/05	3789.61	-	60.15	0.00	3729.46
	09/19/05	3789.61	-	60.26	0.00	3729.35
	12/21/05	3789.61	-	60.34	0.00	3729.27
MW-17	03/21/05	3787.95	-	59.35	0.00	3728.60
	06/20/05	3787.95	-	59.46	0.00	3728.49
	09/19/05	3787.95	-	59.56	0.00	3728.39
	12/21/05	3787.95	-	59.65	0.00	3728.30
MW-18	03/21/05	3788.82	-	59.84	0.00	3728.98
	06/20/05	3788.82	-	59.93	0.00	3728.89
	09/19/05	3788.82	-	60.04	0.00	3728.78
	12/21/05	3788.82	-	60.13	0.00	3728.69
MW-19	03/21/05	3787.51	-	59.37	0.00	3728.14
	06/20/05	3787.51	-	59.47	0.00	3728.04
	09/19/05	3787.51	-	59.57	0.00	3727.94
	12/21/05	3787.51	-	59.68	0.00	3727.83
MW-20	03/21/05	3788.53	-	59.51	0.00	3729.02
	06/20/05	3788.53	-	59.61	0.00	3728.92
	09/19/05	3788.53	-	59.71	0.00	3728.82
	12/21/05	3788.53	-	59.81	0.00	3728.72
MW-21	01/03/05	3786.46	-	59.33	0.00	3727.13
	03/21/05	3786.46	-	59.38	0.00	3727.08
	06/20/05	3786.46	-	59.48	0.00	3726.98
	08/23/05	3786.46	59.54	59.55	0.01	3726.92
	08/29/05	3786.46	-	59.56	0.00	3726.90
	09/06/05	3786.46	-	59.56	0.00	3726.90
	09/19/05	3786.46	-	59.58	0.00	3726.88
	12/21/05	3786.46	-	59.67	0.00	3726.79
RW-1	01/11/05	3788.33	57.48	66.75	9.27	3729.46
	01/17/05	3788.33	57.52	66.68	9.16	3729.44

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-1	01/20/05	3788.33	57.58	66.63	9.05	3729.39
	01/24/05	3788.33	57.53	66.65	9.12	3729.43
	01/31/05	3788.33	57.50	66.61	9.11	3729.46
	02/05/05	3788.33	57.52	66.60	9.08	3729.45
	02/09/05	3788.33	57.54	66.69	9.15	3729.42
	02/28/05	3788.33	57.65	66.75	9.10	3729.32
	03/04/05	3788.33	57.65	66.65	9.00	3729.33
	03/08/05	3788.33	57.65	66.70	9.05	3729.32
	03/14/05	3788.33	57.54	66.69	9.15	3729.42
	03/21/05	3788.33	57.57	66.71	9.14	3729.39
	03/21/05	3788.33	57.57	66.71	9.14	3729.39
	03/25/05	3788.33	57.59	66.75	9.16	3729.37
	03/29/05	3788.33	57.60	66.74	9.14	3729.36
	06/20/05	3788.33	59.39	59.60	0.21	3728.91
	06/20/05	3788.33	59.39	59.60	0.21	3728.91
	08/11/05	3788.33	59.45	59.62	0.17	3728.85
	08/29/05	3788.33	58.52	66.38	7.86	3728.63
	09/06/05	3788.33	58.60	66.20	7.60	3728.59
	09/19/05	3788.33	58.58	66.30	7.72	3728.59
	09/21/05	3788.33	58.58	66.30	7.72	3728.59
	10/04/05	3788.33	58.74	63.60	4.86	3728.86
	10/12/05	3788.33	59.65	61.35	1.70	3728.43
	10/26/05	3788.33	59.11	61.72	2.61	3728.83
	11/02/05	3788.33	59.07	61.76	2.69	3728.86
	11/09/05	3788.33	59.83	61.65	1.82	3728.23
	11/18/05	3788.33	58.59	66.05	7.46	3728.62
	11/21/05	3788.33	SHEEN	61.02	0.00	3727.31
	11/28/05	3788.33	60.58	60.60	0.02	3727.75
	12/13/05	3788.33	58.55	66.61	8.06	3728.57
	12/21/05	3788.33	60.50	60.53	0.03	3727.83
	12/27/05	3788.33	58.07	66.66	8.59	3728.97
RW-2	01/11/05	3788.98	58.15	66.25	8.10	3729.62
	01/17/05	3788.98	58.21	66.04	7.83	3729.60
	01/20/05	3788.98	58.31	65.45	7.14	3729.60
	01/24/05	3788.98	58.26	65.65	7.39	3729.61
	01/31/05	3788.98	58.22	65.65	7.43	3729.65
	02/05/05	3788.98	58.25	65.62	7.37	3729.62
	02/09/05	3788.98	58.17	66.20	8.03	3729.61
	02/28/05	3788.98	58.05	66.75	8.70	3729.63
	03/04/05	3788.98	58.12	66.84	8.72	3729.55
	03/08/05	3788.98	58.18	60.15	1.97	3730.50



**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-2	03/14/05	3788.98	58.26	65.95	7.69	3729.57
	03/21/05	3788.98	58.21	66.11	7.90	3729.59
	03/21/05	3788.98	58.21	66.11	7.90	3729.59
	03/25/05	3788.98	58.22	66.22	8.00	3729.56
	03/29/05	3788.98	58.27	66.21	7.94	3729.52
	06/20/05	3788.98	58.84	66.31	7.47	3729.02
	07/12/05	3788.98	58.33	66.38	8.05	3729.44
	07/15/05	3788.98	58.58	65.32	6.74	3729.39
	08/02/05	3788.98	58.37	66.39	8.02	3729.41
	08/11/05	3788.98	58.39	66.32	7.93	3729.40
	08/18/05	3788.98	58.38	66.41	8.03	3729.40
	08/23/05	3788.98	58.46	66.02	7.56	3729.39
	08/29/05	3788.98	58.41	66.19	7.78	3729.40
	09/06/05	3788.98	58.44	66.24	7.80	3729.37
	09/19/05	3788.98	58.43	66.29	7.86	3729.37
	09/21/05	3788.98	58.43	66.29	7.86	3729.37
	09/27/05	3788.98	58.51	65.95	7.44	3729.35
	10/04/05	3788.98	58.50	66.20	7.70	3729.33
	10/12/05	3788.98	58.48	66.28	7.80	3729.33
	10/14/05	3788.98	58.53	65.92	7.39	3729.34
	10/26/05	3788.98	58.45	66.43	7.98	3729.33
	11/02/05	3788.98	58.51	66.27	7.76	3729.31
	11/09/05	3788.98	58.32	61.12	2.80	3730.24
	11/16/05	3788.98	58.49	66.46	7.97	3729.29
	11/21/05	3788.98	58.58	66.02	7.44	3729.28
	11/28/05	3788.98	58.58	66.25	7.67	3729.25
	12/13/05	3788.98	58.52	66.47	7.95	3729.27
	12/21/05	3788.98	58.58	66.24	7.66	3729.25
	12/21/05	3788.98	58.58	66.24	7.66	3729.25
	12/27/05	3788.98	58.60	66.26	7.66	3729.23
RW-3	01/11/05	3788.95	57.94	66.86	8.92	3729.67
	01/17/05	3788.95	58.13	66.05	7.92	3729.63
	01/20/05	3788.95	58.52	64.45	5.93	3729.54
	01/24/05	3788.95	58.45	64.64	6.19	3729.57
	01/31/05	3788.95	58.41	64.65	6.24	3729.60
	02/05/05	3788.95	58.38	64.63	6.25	3729.63
	02/09/05	3788.95	58.02	66.84	8.82	3729.61
	02/28/05	3788.95	57.98	66.90	8.92	3729.63
	03/04/05	3788.95	58.03	66.83	8.80	3729.60
	03/08/05	3788.95	58.00	66.90	8.90	3729.62
	03/14/05	3788.95	58.32	65.49	7.17	3729.55

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-3	03/21/05	3788.95	58.69	65.99	7.30	3729.17
	03/21/05	3788.95	58.69	65.99	7.30	3729.17
	03/22/05	3788.95	58.80	65.60	6.80	3729.13
	03/29/05	3788.95	58.15	66.30	8.15	3729.58
	06/20/05	3788.95	58.62	66.70	8.08	3729.12
	06/20/05	3788.95	58.62	66.70	8.08	3729.12
	07/12/05	3788.95	58.20	66.72	8.52	3729.47
	07/15/05	3788.95	59.01	63.18	4.17	3729.31
	08/02/05	3788.95	58.18	66.95	8.77	3729.45
	08/11/05	3788.95	58.30	66.59	8.29	3729.41
	08/18/05	3788.95	58.18	66.97	8.79	3729.45
	08/23/05	3788.95	58.64	64.94	6.30	3729.37
	08/29/05	3788.95	58.56	65.44	6.88	3729.36
	09/06/05	3788.95	58.39	66.21	7.82	3729.39
	09/16/05	3788.95	58.34	66.52	8.18	3729.38
	09/19/05	3788.95	58.45	68.80	10.35	3728.95
	09/21/05	3788.95	58.45	65.75	7.30	3729.41
	09/27/05	3788.95	58.93	63.90	4.97	3729.27
	10/04/05	3788.95	58.73	65.59	6.86	3729.19
	10/12/05	3788.95	58.65	65.51	6.86	3729.27
	10/14/05	3788.95	58.84	64.44	5.60	3729.27
	10/26/05	3788.95	58.59	65.75	7.16	3729.29
	11/02/05	3788.95	58.78	65.02	6.24	3729.23
	11/09/05	3788.95	58.79	64.82	6.03	3729.26
	11/16/05	3788.95	58.37	66.76	8.39	3729.32
	11/21/05	3788.95	58.97	64.09	5.12	3729.21
	11/28/05	3788.95	58.79	65.12	6.33	3729.21
	12/13/05	3788.95	58.40	66.90	8.50	3729.28
	12/21/05	3788.95	58.77	65.32	6.55	3729.20
	12/21/05	3788.95	58.77	65.32	6.55	3729.20
	12/27/05	3788.95	58.93	64.67	5.74	3729.16
RW-4	01/11/05	3788.15	58.00	67.19	9.19	3728.77
	01/17/05	3788.15	58.02	67.15	9.13	3728.76
	01/20/05	3788.15	58.14	66.63	8.49	3728.74
	01/24/05	3788.15	58.09	66.83	8.74	3728.75
	01/31/05	3788.15	58.04	66.80	8.76	3728.80
	02/05/05	3788.15	58.07	66.82	8.75	3728.77
	02/09/05	3788.15	57.90	67.10	9.20	3728.87
	02/28/05	3788.15	57.90	67.04	9.14	3728.88
	03/04/05	3788.15	58.02	66.74	8.72	3728.82
	03/08/05	3788.15	58.02	66.72	8.70	3728.83

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-4	03/14/05	3788.15	57.95	67.00	9.05	3728.84
	03/21/05	3788.15	58.05	66.75	8.70	3728.80
	03/21/05	3788.15	58.05	66.75	8.70	3728.80
	03/25/05	3788.15	58.08	66.71	8.63	3728.78
	03/29/05	3788.15	58.10	66.70	8.60	3728.76
	06/20/05	3788.15	59.68	59.75	0.07	3728.46
	06/20/05	3788.15	59.68	59.75	0.07	3728.46
	07/12/05	3788.15	59.70	60.02	0.32	3728.40
	08/05/05	3788.15	59.03	63.38	4.35	3728.47
	08/11/05	3788.15	59.37	61.52	2.15	3728.46
	08/17/05	3788.15	59.24	62.08	2.84	3728.48
	08/23/05	3788.15	58.31	66.50	8.19	3728.61
	08/29/05	3788.15	58.33	66.51	8.18	3728.59
	09/06/05	3788.15	58.32	66.51	8.19	3728.60
	09/15/05	3788.15	58.24	66.79	8.55	3728.63
	09/19/05	3788.15	58.31	66.64	8.33	3728.59
	09/27/05	3788.15	58.30	66.40	8.10	3728.64
	10/04/05	3788.15	59.86	60.56	0.70	3728.19
	10/14/05	3788.15	59.68	60.45	0.77	3728.35
	10/26/05	3788.15	59.67	60.65	0.98	3728.33
	11/02/05	3788.15	59.49	61.57	2.08	3728.35
	11/09/05	3788.15	59.07	61.38	2.31	3728.73
	11/16/05	3788.15	58.38	66.87	8.49	3728.50
	11/21/05	3788.15	59.80	60.50	0.70	3728.25
	11/28/05	3788.15	59.75	60.48	0.73	3728.29
	12/13/05	3788.15	58.50	66.54	8.04	3728.44
	12/21/05	3788.15	59.44	62.04	2.60	3728.32
	12/21/05	3788.15	59.44	62.04	2.60	3728.32
	12/27/05	3788.15	59.72	60.94	1.22	3728.25
RW-5	01/11/05	3788.83	58.20	67.86	9.66	3729.18
	01/17/05	3788.83	58.22	67.83	9.61	3729.17
	01/20/05	3788.83	58.25	67.74	9.49	3729.16
	01/24/05	3788.83	58.29	67.76	9.47	3729.12
	01/31/05	3788.83	58.26	67.80	9.54	3729.14
	02/05/05	3788.83	58.24	67.78	9.54	3729.16
	02/09/05	3788.83	58.22	67.85	9.63	3729.17
	02/28/05	3788.83	58.23	67.88	9.65	3729.15
	03/04/05	3788.83	58.40	67.60	9.20	3729.05
	03/08/05	3788.83	58.24	67.88	9.64	3729.14
	03/14/05	3788.83	58.26	67.88	9.62	3729.13
	03/21/05	3788.83	58.26	67.68	9.42	3729.16

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-5	03/21/05	3788.83	58.26	67.68	9.42	3729.16
	03/25/05	3788.83	58.30	67.65	9.35	3729.13
	03/28/05	3788.83	58.26	67.67	9.41	3729.16
	06/20/05	3788.83	60.07	60.52	0.45	3728.69
	06/20/05	3788.83	60.07	60.52	0.45	3728.69
	07/12/05	3788.83	60.19	60.56	0.37	3728.58
	08/02/05	3788.83	60.10	60.72	0.62	3728.64
	08/05/05	3788.83	58.20	61.50	3.30	3730.14
	08/11/05	3788.83	60.06	60.81	0.75	3728.66
	08/18/05	3788.83	60.14	60.38	0.24	3728.65
	08/23/05	3788.83	58.66	67.14	8.48	3728.90
	08/29/05	3788.83	58.60	67.48	8.88	3728.90
	09/06/05	3788.83	58.58	67.52	8.94	3728.91
	09/16/05	3788.83	58.34	66.52	8.18	3729.26
	09/19/05	3788.83	58.59	67.50	8.91	3728.90
	09/21/05	3788.83	58.64	67.70	9.06	3728.83
	09/27/05	3788.83	58.62	67.71	9.09	3728.85
	10/04/05	3788.83	60.26	60.40	0.14	3728.55
	10/12/05	3788.83	60.31	60.41	0.10	3728.51
	10/14/05	3788.83	60.31	60.45	0.14	3728.50
	10/26/05	3788.83	60.29	60.39	0.10	3728.53
	11/02/05	3788.83	60.26	60.42	0.16	3728.55
	11/09/05	3788.83	60.30	60.40	0.10	3728.52
	11/16/05	3788.83	59.18	65.68	6.50	3728.68
	11/21/05	3788.83	58.88	66.93	8.05	3728.74
	11/28/05	3788.83	60.07	61.59	1.52	3728.53
	12/13/05	3788.83	58.16	65.22	7.06	3729.61
	12/21/05	3788.83	60.34	60.43	0.09	3728.48
	12/21/05	3788.83	60.34	60.43	0.09	3728.48
	12/27/05	3788.83	60.25	60.67	0.42	3728.52
RW-6	01/11/05	3788.93	57.89	67.29	9.40	3729.63
	01/17/05	3788.93	57.90	67.26	9.36	3729.63
	01/20/05	3788.93	57.97	67.20	9.23	3729.58
	01/24/05	3788.93	57.95	67.18	9.23	3729.60
	01/31/05	3788.93	57.99	67.15	9.16	3729.57
	02/05/05	3788.93	58.02	67.13	9.11	3729.54
	02/09/05	3788.93	57.93	67.14	9.21	3729.62
	02/28/05	3788.93	57.89	67.20	9.31	3729.64
	03/04/05	3788.93	57.94	67.08	9.14	3729.62
	03/08/05	3788.93	57.96	67.08	9.12	3729.60
	03/14/05	3788.93	57.98	67.15	9.17	3729.57

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-6	03/21/05	3788.93	60.02	67.65	7.63	3727.77
	03/21/05	3788.93	60.02	67.65	7.63	3727.77
	03/25/05	3788.93	60.04	67.68	7.64	3727.74
	03/29/05	3788.93	57.98	67.18	9.20	3729.57
	06/20/05	3788.93	59.68	66.14	6.46	3728.28
	06/20/05	3788.93	59.68	66.14	6.46	3728.28
	08/11/05	3788.93	58.96	66.32	7.36	3728.87
	08/23/05	3788.93	58.66	65.53	6.87	3729.24
	08/29/05	3788.93	58.92	66.10	7.18	3728.93
	09/06/05	3788.93	58.81	66.04	7.23	3729.04
	09/19/05	3788.93	58.97	66.08	7.11	3728.89
	09/21/05	3788.93	58.97	66.04	7.07	3728.90
	09/27/05	3788.93	58.78	66.01	7.23	3729.07
	10/04/05	3788.93	59.94	60.13	0.19	3728.96
	10/12/05	3788.93	60.24	60.31	0.07	3728.68
	10/26/05	3788.93	60.02	60.16	0.14	3728.89
	11/02/05	3788.93	60.08	60.13	0.05	3728.84
	11/09/05	3788.93	60.57	60.59	0.02	3728.36
	11/18/05	3788.93	SHEEN	60.32	0.00	3728.61
	11/21/05	3788.93	SHEEN	61.97	0.00	3726.96
	11/28/05	3788.93	60.28	60.29	0.01	3728.65
	12/13/05	3788.93	58.89	65.93	7.04	3728.98
	12/21/05	3788.93	60.12	60.18	0.06	3728.80
	12/21/05	3788.93	60.12	60.18	0.06	3728.80
	12/27/05	3788.93	59.97	60.36	0.39	3728.90
RW-7	01/17/05	3789.07	58.15	66.67	8.52	3729.64
	01/20/05	3789.07	58.60	64.75	6.15	3729.55
	01/24/05	3789.07	58.54	64.96	6.42	3729.57
	01/31/05	3789.07	58.51	65.00	6.49	3729.59
	02/05/05	3789.07	58.53	65.01	6.48	3729.57
	02/09/05	3789.07	58.09	67.02	8.93	3729.64
	02/28/05	3789.07	58.01	67.20	9.19	3729.68
	03/04/05	3789.07	58.05	67.11	9.06	3729.66
	03/08/05	3789.07	58.07	67.15	9.08	3729.64
	03/14/05	3789.07	58.32	66.28	7.96	3729.56
	03/21/05	3789.07	58.23	66.50	8.27	3729.60
	03/21/05	3789.07	58.23	66.50	8.27	3729.60
	03/25/05	3789.07	58.35	66.17	7.82	3729.55
	03/29/05	3789.07	58.20	66.71	8.51	3729.59
	06/20/05	3789.07	58.21	67.11	8.90	3729.53
	06/20/05	3789.07	58.21	67.11	8.90	3729.53

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-7	07/12/05	3789.07	58.37	67.16	8.79	3729.38
	07/15/05	3789.07	58.71	65.04	6.33	3729.41
	08/02/05	3789.07	58.30	66.98	8.68	3729.47
	08/11/05	3789.07	58.33	66.93	8.60	3729.45
	08/18/05	3789.07	58.27	67.15	8.88	3729.47
	08/23/05	3789.07	58.50	66.23	7.73	3729.41
	08/29/05	3789.07	58.45	66.46	8.01	3729.42
	09/06/05	3789.07	58.39	66.78	8.39	3729.42
	09/15/05	3789.07	58.38	66.92	8.54	3729.41
	09/19/05	3789.07	58.38	66.83	8.45	3729.42
	09/21/05	3789.07	58.38	66.83	8.45	3729.42
	09/27/05	3789.07	58.56	66.06	7.50	3729.39
	10/04/05	3789.07	58.54	66.59	8.05	3729.32
	10/12/05	3789.07	58.49	66.73	8.24	3729.34
	10/14/05	3789.07	58.62	65.98	7.36	3729.35
	10/26/05	3789.07	58.46	66.80	8.34	3729.36
	11/02/05	3789.07	58.53	66.62	8.09	3729.33
	11/09/05	3789.07	58.36	61.23	2.87	3730.28
	11/16/05	3789.07	58.43	67.13	8.70	3729.34
	11/21/05	3789.07	58.68	66.20	7.52	3729.26
	11/28/05	3789.07	58.58	66.59	8.01	3729.29
	12/13/05	3789.07	58.49	67.16	8.67	3729.28
	12/21/05	3789.07	58.57	66.47	7.90	3729.32
	12/21/05	3789.07	58.57	66.47	7.90	3729.32
	12/27/05	3789.07	58.64	66.44	7.80	3729.26
RW-8	01/11/05	3788.48	57.89	67.25	9.36	3729.19
	01/17/05	3788.48	57.94	67.03	9.09	3729.18
	01/20/05	3788.48	58.03	66.53	8.50	3729.18
	01/24/05	3788.48	58.01	66.73	8.72	3729.16
	01/31/05	3788.48	58.00	66.71	8.71	3729.17
	02/05/05	3788.48	58.04	66.69	8.65	3729.14
	02/09/05	3788.48	57.93	67.05	9.12	3729.18
	02/28/05	3788.48	57.98	66.75	8.77	3729.18
	03/04/05	3788.48	57.99	66.69	8.70	3729.19
	03/08/05	3788.48	57.92	67.25	9.33	3729.16
	03/14/05	3788.48	57.99	67.12	9.13	3729.12
	03/21/05	3788.48	57.99	67.20	9.21	3729.11
	03/21/05	3788.48	57.99	67.20	9.21	3729.11
	03/25/05	3788.48	57.95	66.20	8.25	3729.29
	03/29/05	3788.48	57.99	66.22	8.23	3729.26
	06/20/05	3788.48	59.59	60.51	0.92	3728.75

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-8	06/20/05	3788.48	59.59	60.51	0.92	3728.75
	08/11/05	3788.48	59.94	59.99	0.05	3728.53
	08/29/05	3788.48	58.66	65.80	7.14	3728.75
	09/06/05	3788.48	58.50	65.95	7.45	3728.86
	09/19/05	3788.48	58.57	65.90	7.33	3728.81
	09/21/05	3788.48	58.57	65.90	7.33	3728.81
	10/12/05	3788.48	58.85	66.03	7.18	3728.55
	10/26/05	3788.48	58.95	66.16	7.21	3728.45
	11/02/05	3788.48	58.55	65.94	7.39	3728.82
	11/09/05	3788.48	58.62	65.71	7.09	3728.80
	11/21/05	3788.48	58.67	66.30	7.63	3728.67
	11/28/05	3788.48	58.63	65.93	7.30	3728.76
	12/13/05	3788.48	58.91	66.20	7.29	3728.48
	12/21/05	3788.48	58.86	66.17	7.31	3728.52
	12/21/05	3788.48	58.86	66.17	7.31	3728.52
	12/27/05	3788.48	58.89	66.18	7.29	3728.50
RW-9	01/11/05	3788.92	58.16	66.22	8.06	3729.55
	01/17/05	3788.92	58.68	64.05	5.37	3729.43
	01/20/05	3788.92	59.02	62.58	3.56	3729.37
	01/24/05	3788.92	59.07	62.11	3.04	3729.39
	01/31/05	3788.92	58.91	63.12	4.21	3729.38
	02/05/05	3788.92	58.89	63.14	4.25	3729.39
	02/09/05	3788.92	58.76	63.21	4.45	3729.49
	02/28/05	3788.92	58.43	65.25	6.82	3729.47
	03/04/05	3788.92	59.02	62.80	3.78	3729.33
	03/08/05	3788.92	59.13	62.28	3.15	3729.32
	03/14/05	3788.92	59.11	62.40	3.29	3729.32
	03/21/05	3788.92	58.65	64.34	5.69	3729.42
	03/21/05	3788.92	58.65	64.34	5.69	3729.42
	03/25/05	3788.92	59.26	61.59	2.33	3729.31
	03/29/05	3788.92	59.30	61.60	2.30	3729.28
	06/20/05	3788.92	58.85	64.13	5.28	3729.28
	06/20/05	3788.92	58.85	64.13	5.28	3729.28
	07/12/05	3788.92	58.70	65.60	6.90	3729.19
	08/02/05	3788.92	58.62	65.64	7.02	3729.25
	08/11/05	3788.92	58.94	63.99	5.05	3729.22
	08/18/05	3788.92	58.70	65.02	6.32	3729.27
	08/23/05	3788.92	59.16	62.89	3.73	3729.20
	08/29/05	3788.92	59.08	63.30	4.22	3729.21
	09/06/05	3788.92	59.00	63.41	4.41	3729.26
	09/16/05	3788.92	58.60	67.72	9.12	3728.95

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-9	09/19/05	3788.92	59.43	62.05	2.62	3729.10
	09/21/05	3788.92	59.35	62.72	3.37	3729.06
	09/27/05	3788.92	59.22	63.11	3.89	3729.12
	10/04/05	3788.92	59.80	60.70	0.90	3728.99
	10/12/05	3788.92	59.90	60.33	0.43	3728.96
	10/14/05	3788.92	59.84	60.31	0.47	3729.01
	10/26/05	3788.92	59.82	60.32	0.50	3729.03
	11/02/05	3788.92	59.88	60.20	0.32	3728.99
	11/09/05	3788.92	59.84	60.01	0.17	3729.05
	11/16/05	3788.92	59.13	63.94	4.81	3729.07
	11/21/05	3788.92	59.45	62.57	3.12	3729.00
	11/28/05	3788.92	59.36	62.83	3.47	3729.04
	12/13/05	3788.92	59.76	61.75	1.99	3728.86
	12/21/05	3788.92	60.01	60.05	0.04	3728.90
	12/21/05	3788.92	60.01	60.05	0.04	3728.90
	12/27/05	3788.92	59.98	60.02	0.04	3728.93
RW-10	01/11/05	3788.72	57.95	66.93	8.98	3729.42
	01/17/05	3788.72	58.10	66.17	8.07	3729.41
	01/20/05	3788.72	58.41	64.88	6.47	3729.34
	01/24/05	3788.72	58.35	65.17	6.82	3729.35
	01/31/05	3788.72	58.31	65.16	6.85	3729.38
	02/05/05	3788.72	58.33	65.14	6.81	3729.37
	02/09/05	3788.72	58.03	66.82	8.79	3729.37
	02/28/05	3788.72	58.00	66.90	8.90	3729.39
	03/04/05	3788.72	58.10	66.85	8.75	3729.31
	03/08/05	3788.72	58.08	66.47	8.39	3729.38
	03/14/05	3788.72	58.22	66.00	7.78	3729.33
	03/21/05	3788.72	58.70	66.22	7.52	3728.89
	03/21/05	3788.72	58.20	66.22	8.02	3729.32
	03/25/05	3788.72	58.44	66.21	7.77	3729.11
	03/29/05	3788.72	58.50	66.20	7.70	3729.07
	06/20/05	3788.72	59.79	60.33	0.54	3728.85
	06/20/05	3788.72	59.79	60.33	0.54	3728.85
	07/12/05	3788.72	59.66	60.12	0.46	3728.99
	08/02/05	3788.72	59.71	59.99	0.28	3728.97
	08/11/05	3788.72	59.59	60.79	1.20	3728.95
	08/17/05	3788.72	59.08	63.04	3.96	3729.05
	08/23/05	3788.72	58.85	63.99	5.14	3729.10
	08/29/05	3788.72	58.60	65.45	6.85	3729.09
	09/06/05	3788.72	58.55	64.86	6.31	3729.22
	09/15/05	3788.72	58.23	66.70	8.47	3729.22



**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-10	09/19/05	3788.72	58.45	64.70	6.25	3729.33
	09/21/05	3788.72	58.45	64.70	6.25	3729.33
	09/27/05	3788.72	-	59.79	0.00	3728.93
	10/04/05	3788.72	59.85	59.95	0.10	3728.86
	10/12/05	3788.72	59.83	59.90	0.07	3728.88
	10/14/05	3788.72	58.86	64.50	5.64	3729.01
	10/26/05	3788.72	58.52	66.39	7.87	3729.02
	11/02/05	3788.72	58.55	59.94	1.39	3729.96
	11/09/05	3788.72	58.61	59.82	1.21	3729.93
	11/16/05	3788.72	58.44	66.65	8.21	3729.05
	11/21/05	3788.72	58.68	65.50	6.82	3729.02
	11/28/05	3788.72	58.60	65.95	7.35	3729.02
	12/13/05	3788.72	58.95	64.72	5.77	3728.90
	11/21/05	3788.72	59.94	59.97	0.03	3728.78
	12/21/05	3788.72	59.74	59.97	0.23	3728.95
	12/27/05	3788.72	59.92	59.99	0.07	3728.79
RW-11	01/11/05	3788.43	57.75	66.91	9.16	3729.31
	01/17/05	3788.43	57.95	66.41	8.46	3729.21
	01/20/05	3788.43	58.21	65.01	6.80	3729.20
	01/24/05	3788.43	58.07	65.51	7.44	3729.24
	01/31/05	3788.43	58.04	65.50	7.46	3729.27
	02/05/05	3788.43	58.08	65.48	7.40	3729.24
	02/09/05	3788.43	57.82	66.95	9.13	3729.24
	02/28/05	3788.43	57.83	67.00	9.17	3729.22
	03/04/05	3788.43	57.91	67.00	9.09	3729.16
	03/08/05	3788.43	57.88	66.82	8.94	3729.21
	03/14/05	3788.43	57.93	66.40	8.47	3729.23
	03/21/05	3788.43	57.90	66.70	8.80	3729.21
	03/21/05	3788.43	57.90	66.70	8.80	3729.21
	03/25/05	3788.43	58.22	66.92	8.70	3728.91
	03/29/05	3788.43	58.25	66.91	8.66	3728.88
	06/20/05	3788.43	59.87	60.34	0.47	3728.49
	06/20/05	3788.43	59.87	60.34	0.47	3728.49
	07/12/05	3788.43	59.62	60.01	0.39	3728.75
	08/02/05	3788.43	59.54	60.04	0.50	3728.82
	08/11/05	3788.43	59.52	60.43	0.91	3728.77
	08/17/05	3788.43	59.00	62.55	3.55	3728.90
	08/23/05	3788.43	58.53	64.84	6.31	3728.95
	08/29/05	3788.43	58.23	66.03	7.80	3729.03
	09/06/05	3788.43	58.33	65.89	7.56	3728.97
	09/15/05	3788.43	58.23	66.70	8.47	3728.93

**TABLE 1**  
**2005 GROUNDWATER ELEVATION DATA**

Plains Marketing, L.P.  
Darr Angel #1  
Lea County, New Mexico

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
RW-11	09/19/05	3788.43	58.30	66.40	8.10	3728.92
	09/21/05	3788.43	58.30	66.45	8.15	3728.91
	09/27/05	3788.43	59.52	60.18	0.66	3728.81
	10/04/05	3788.43	59.68	60.20	0.52	3728.67
	10/12/05	3788.43	59.71	59.80	0.09	3728.71
	10/14/05	3788.43	59.71	59.78	0.07	3728.71
	11/02/05	3788.43	58.74	59.78	1.04	3729.53
	11/09/05	3788.43	58.69	59.83	1.14	3729.57
	11/16/05	3788.43	59.75	59.82	0.07	3728.67
	11/21/05	3788.43	59.75	59.85	0.10	3728.67
	11/28/05	3788.43	59.86	59.90	0.04	3728.56
	12/13/05	3788.43	58.70	65.00	6.30	3728.79
	12/21/05	3788.43	59.79	59.92	0.13	3728.62
	12/21/05	3788.43	59.79	59.92	0.13	3728.62
	12/27/05	3788.43	59.82	59.92	0.10	3728.60

*Elevations based on the North American Vertical Datum of 1929*

\* denotes change in Top of Casing Elevation due to site resurvey.

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGEL #1  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

		METHODS: SW 846-8260b				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
MW-1	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-2	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-3	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-4	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	Not Sampled Due to Sample Reduction				
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-5	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-6	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-7	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	<0.001	<0.001	<0.001	<0.001	
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-8	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGEL #1  
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/L

		METHODS: SW 846-8260b				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
MW-9	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-10	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-11	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	Not Sampled Due to Sample Reduction				
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-12	3/21/05	1.480	<0.01	<0.01	<0.01	
	6/20/05	1.340	<0.02	<0.02	<0.02	
	9/19/05	1.310	<0.02	<0.02	<0.02	
	12/21/05	1.180	<0.02	<0.02	<0.02	
MW-13	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-14	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
MW-15	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	Not Sampled Due to Sample Reduction				
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-16	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	Not Sampled Due to Sample Reduction				
	9/19/05	Not Sampled Due to Sample Reduction				

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGEL #1  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

		METHODS: SW 846-8260b				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
MW-16	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-17	3/21/05	<0.001	<0.001	<0.001	<0.001	
	6/20/05	<0.001	<0.001	<0.001	<0.001	
	9/19/05	<0.001	<0.001	<0.001	<0.001	
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-18	3/21/05	<0.001	<0.001	<0.001	<0.001	
	6/20/05	<0.001	<0.001	<0.001	<0.001	
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-19	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	Not Sampled Due to Sample Reduction				
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-20	3/21/05	Not Sampled Due to Sample Reduction				
	6/20/05	Not Sampled Due to Sample Reduction				
	9/19/05	Not Sampled Due to Sample Reduction				
	12/21/05	<0.001	<0.001	<0.001	<0.001	
MW-21	1/10/05	0.0121	<0.001	<0.001	0.0022	
	3/21/05	0.0067	<0.001	<0.001	<0.001	
	6/20/05	0.0065	<0.001	<0.001	<0.001	
	9/19/05	0.0196	<0.001	<0.001	0.0016	
	12/21/05	0.0231	<0.001	<0.001	0.00270	
RW-1	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-2	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-3	3/21/05	Not Sampled Due to PSH in Well				

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGEL #1  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

		METHODS: SW 846-8260b				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
RW-3	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-4	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-5	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-6	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-7	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-8	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-9	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				
RW-10	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGEL #1  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

		METHODS: SW 846-8260b				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
RW-11	3/21/05	Not Sampled Due to PSH in Well				
	6/20/05	Not Sampled Due to PSH in Well				
	9/19/05	Not Sampled Due to PSH in Well				
	12/21/05	Not Sampled Due to PSH in Well				

## Appendices



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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

SUBMIT 2 COPIES TO  
APPROPRIATE DISTRICT  
OFFICE IN ACCORDANCE  
WITH RULE 116 PRINTED  
ON BACK SIDE OF FORM

NOTIFICATION OF FIRE, BREAKS, SPILLS, LEAKS, AND BLOWOUTS

OPERATOR <i>EOTT Energy Pipeline</i>				ADDRESS <i>PO Box 1660 Midland</i>				TELEPHONE # <i>915/6872040</i>	
REPORT OF	FIRE	BREAK	SPILL	LEAK	BLOWOUT	OTHER*			
TYPE OF FACILITY	DRLG WELL	PROD WELL	TANK BTRY	PIPE LINE	GASO PLNT	OIL RFY	OTHER*		
FACILITY NAME:									
LOCATION OF FACILITY					SEC. <i>11</i>	TWP. <i>15S</i>	RGE. <i>37E</i>	COUNTY <i>Lea</i>	
Qtr/Qtr Sec. or Footage									
DISTANCE AND DIRECTION FROM NEAREST TOWN OR PROMINENT LANDMARK <i>22 miles E of Lovington off of Plains Hwy</i>									
DATE AND HOUR OF OCCURRENCE <i>5/1/97 2:00 PM</i>					DATE AND HOUR OF DISCOVERY <i>Same</i>				
WAS IMMEDIATE NOTICE GIVEN?		YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	NOT REQUIRED	IF YES, TO WHOM <i>Karen</i>				
BY WHOM <i>Lennah Frost</i>					DATE AND HOUR <i>5-2-97 10 AM</i>				
TYPE OF FLUID LOST <i>Crude Oil</i>					QUANTITY OF LOSS <i>25 bbls</i>		VOLUME RECOVERED <i>15 bbls</i>		
DID ANY FLUIDS REACH A WATERCOURSE?		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	QUANTITY					
IF YES, DESCRIBE FULLY**									
DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN** <i>Internal Corrosion - Clamped &amp; will replace pipe</i>									
DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN** <i>Area is rocky. Will be excavated &amp; disposed of at Goo Yea Landfarm</i>									
DESCRIPTION OF AREA		FARMING	GRAZING	URBAN	OTHER*				
SURFACE CONDITIONS		SANDY	SANDY LOAM	CLAY	ROCKY	WET	DRY	SNOW	
DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)** <i>Clear</i>									
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF									
SIGNED <i>Lennah Frost</i>		PRINTED NAME AND TITLE <i>Lennah Frost ENV Eng</i>				DATE <i>5-5-97</i>			

\*SPECIFY

\*\*ATTACH ADDITIONAL SHEETS IF NECESSARY



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

April 11, 2006

Ms. Camille Reynolds  
Plains Marketing, L.P.  
3112 West Highway 82  
Lovington, NM 88260

RE: 2005 Annual Monitoring Report  
Darr Angell #4 Site  
NW/4 NE/4 Section 11, Township 15 South, Range 37 East, and  
SW/4 SE/4 Section 2, Township 15 South, Range 37 East  
Lea County, New Mexico  
Plains EMS #: 2001-10876  
NMOCD File Number AP-007

Dear Ms. Reynolds:

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

1. Plains will continue groundwater monitoring, weekly product recovery and annual reporting throughout 2006.
2. Activities in 2006 will be reported to the NMOCD in the 2006 Annual Monitoring Report, due by April 1, 2007.
3. Plains will submit a work plan detailing enhancements to the product recovery system during the third quarter of 2006.

NMOCD approval does not relieve Plains of liability should its operations at this site prove to have been harmful to public health or the environment. Nor does it relieve Plains of its responsibility to comply with the rules and regulations of any other governmental agency.

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

NEW MEXICO OIL CONSERVATION DIVISION

Edwin E. Martin  
Environmental Bureau

Copy: NMOCD, Hobbs  
Ryan Epley, NOVA



# PLAINS ALL AMERICAN

February 27, 2006

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

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

Dear Mr. Martin:

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

Darr Angell #1	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #4	Sections 2 and 11, Township 15 South, Range 37 East, Lea County
Monument 11	Section 30, Township 19 South, Range 37 East, Lea County

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

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

Sincerely,

Camille Reynolds  
Remediation Coordinator  
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

2005  
ANNUAL MONITORING REPORT

*Report is on  
the L-Drive*

**DARR ANGELL #4**

LEA COUNTY, NEW MEXICO  
NW ¼ NE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST  
SW ¼ SE ¼ SECTION 2, TOWNSHIP 15 SOUTH, RANGE 37 EAST  
PLAINS EMS NUMBER: 2001-10876  
NMOCD Reference AP-007

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

February, 2006

*Curt D. Stanley*  
*FOR*

Ryan Epley  
Project Manager

*Todd K. Choban*

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

## TABLE OF CONTENTS

INTRODUCTION .....	1
SITE DESCRIPTION AND BACKGROUND INFORMATION .....	1
FIELD ACTIVITIES .....	2
LABORATORY RESULTS.....	3
SUMMARY .....	3
ANTICIPATED ACTIONS.....	4
LIMITATIONS.....	4
DISTRIBUTION .....	6

### FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map - March 21, 2005

2B – Inferred Groundwater Gradient Map - June 21, 2005

2C – Inferred Groundwater Gradient Map - September 20, 2005

2D – Inferred Groundwater Gradient Map - December 22, 2005

Figure 3A – Groundwater Concentration and Inferred PSH Extent Map - March 21, 2005

3B – Groundwater Concentration and Inferred PSH Extent Map - June 21, 2005

3C – Groundwater Concentration and Inferred PSH Extent Map - September 20, 2005

3D – Groundwater Concentration and Inferred PSH Extent Map - December 22, 2005

### TABLES

Table 1 – 2005 Groundwater Elevation Data

Table 2 – 2005 Concentrations of BTEX in Groundwater

### APPENDICES

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

**ENCLOSED ON DATA DISK**

2005 Annual Monitoring Report

2005 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data

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

Electronic Copies of Laboratory Reports

Historic Groundwater Elevation Tables

Historic BTEX Concentration Tables

## INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1<sup>st</sup> of each year. Beginning on May 29, 2004, project management responsibilities for the Darr Angell #4 pipeline release site (the site) were assumed by NOVA. The site was previously managed by Environmental Technology Group, Inc (ETGI). The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables, and appendices. This report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2005 only. However, historic data tables as well as 2005 laboratory analytical reports are presented on the enclosed disk. For reference, the Site Location Map is provided as Figure 1.

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

## SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is NW ¼ NE ¼ Section 11, Township 15 South, Range 37 East and SW ¼ SE ¼ Section 2, Township 15 South, Range 37 East. The Darr Angell #4 release site is the result of two separate releases originally discovered by EOTT Energy. The dates of discovery are November 9, 1999 and February 2, 2001. According to the release report associated with the 1999 release, an estimated ten (10) barrels of crude oil was released with no recovery. According to the 2001 release notification report, an estimated 150 barrels of crude oil was released with 95 barrels recovered. These releases occurred from an 8-inch EOTT pipeline and were attributed to structural failure associated with internal pipeline corrosion. The Release Notification and Corrective Action (Form C-141) is provided in Appendix A.

Following completion of pipeline repair actions, approximately 2,364 cubic yards (cy) of soil was excavated and stockpiled onsite. Of this volume, approximately 684 cubic yards of heavily impacted soil were transported to the Goo-Yea Landfarm (Permit # NM-01-0015) for disposal. Beginning in May, 2001 an additional 6,650 cubic yards (cy) of soil was excavated. Stockpiled soil was treated mechanically with a soil shredding machine and fertilizer was incorporated to enhance biodegradation.

The initial soil remediation and groundwater investigation activities were completed by previous consultants. Monitor wells MW-15 and MW-16 were installed on November 11 and 12, 2004 to further delineate the impact to soil and groundwater at the site. Sixteen (16) groundwater monitor wells (MW-1 through MW-16) and thirteen (13) product recovery wells (RW-1 through RW-13) are currently on-site. A pneumatic product recovery system is currently operating on



site with pneumatic skimmer pumps installed in five (5) recovery wells (RW-2, RW-3, RW-4, RW-10, and RW-11).

A Site Restoration Work Plan and Soil Closure Strategy dated November, 2005, was submitted to the NMOCD. This Work Plan detailed activities for progressing the Darr Angell #4 site toward soil closure. The plan was approved by the NMOCD in a correspondence dated January 30, 2006. Plains anticipates completing these activities in the first quarter of 2006. Upon completion of these activities, a Soil Closure Request will be submitted to the NMOCD for closure consideration.

Prior to 2005, approximately 6,633 gallons (approximately 158 barrels) of product were recovered from the site by manual and automatic methods. Recovered PSH was reintroduced into the Plains transportation system at the Lea Station Facility, Monument, New Mexico.

## FIELD ACTIVITIES

A measurable thickness of PSH was measured in two (2) monitor wells (MW-6 and MW-8) and twelve (12) recovery wells (RW-1 through RW-4 and RW-6 through RW-13) during the reporting period. The average thickness of PSH in monitor wells and recovery wells displaying PSH was 3.17 feet. The maximum thickness of PSH in monitor wells and recovery wells was 6.97 feet as recorded in monitor well RW-11 on October 18, 2005. PSH data for the 2005 gauging events can be found in Table 1. Approximately 1,913.5 gallons (45.5 barrels) of PSH was recovered from the site by automated and manual methods during the 2005 reporting period. Total recovery since project inception is approximately 8,546.5 gallons (202.8 barrels).

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated June 21, 2005.

NMOCD Approved Sampling Schedule					
MW-1	Annually	MW-11	Annually	RW-4	Quarterly
MW-2	Annually	MW-12	Annually	RW-5	Quarterly
MW-3	Quarterly	MW-13	Annually	RW-6	Quarterly
MW-4	Annually	MW-14	Quarterly	RW-7	Quarterly
MW-5	Annually	MW-15	Quarterly	RW-8	Quarterly
MW-6	Quarterly	MW-16	Quarterly	RW-9	Quarterly
MW-7	Annually			RW10	Quarterly
MW-8	Quarterly	RW-1	Quarterly	RW-11	Quarterly
MW-9	Semi-Annually	RW-2	Quarterly	RW-12	Quarterly
MW-10	Quarterly	RW-3	Quarterly	RW-13	Quarterly

The site monitor wells were gauged and sampled on March 22, June 22, September 21, and December 16, 2005. During each sampling event, monitor wells were purged of approximately three well volumes of water or until the wells failed to produce water. Purging was performed using a new rope and disposable polyethylene bailer for each well or electrical Grundfos Pump and dedicated tubing. Groundwater was allowed to recharge and samples were obtained using

disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of by Key Energy utilizing a licensed disposal facility (NMOCD AO SWD-730).

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

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0012 feet/foot to the southeast as measured between RW-6 and MW-15. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3734.38 and 3732.48 feet above mean sea level, in RW-3 on December 22, 2005 and in MW-15 on December 22, 2005, respectively.

## **LABORATORY RESULTS**

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

Of the fourteen (14) wells displaying measurable thicknesses of PSH during the reporting period, thirteen (13) contained PSH during each sampling event and were not sampled. Although monitor well MW-1 is on an annual sampling schedule, it failed to produce water after purging during the fourth quarter and was not sampled. Review of analytical results of groundwater samples collected from thirteen (13) monitor and recovery wells (MW-2 through 5, MW-7, MW-10 through MW-16, and RW-1) indicate benzene and total BTEX constituent concentrations below the appropriate NMOCD regulatory standards. The remaining two (2) monitor wells (MW-6 and MW-9) displayed benzene concentrations above the NMOCD regulatory standard and total BTEX constituent concentrations below the NMOCD regulatory standard.

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

## **SUMMARY**

This report presents the results of monitoring activities for the 2005 annual monitoring period. Currently, there are sixteen (16) groundwater monitor wells (MW-1 through MW-16) and thirteen (13) product recovery wells (RW-1 through RW-13) on-site. An automated product recovery system is currently operating on site, with pumps installed in recovery wells RW-2,

RW-3, RW-4, RW-10, and RW-11. Manual product recovery occurs on a weekly schedule. A total of approximately 1913.5 gallons (45.5 barrels) of PSH was recovered from the site by manual methods during 2005. The total PSH recovered from the site since project inception is approximately 8546.5 gallons (202.8 barrels). The average thickness of PSH per well containing PSH is 3.14 feet. The average PSH thickness for 2004 was 3.41 feet. Fourth quarter groundwater elevation contours generated from water level measurements acquired indicated a general gradient of approximately 0.0012 ft/ft to the southeast.

As discussed above, thirteen (13) monitor and recovery wells contained PSH during each sampling event of 2005 and were not sampled. One (1) monitor well (MW-1) failed to produce water during the fourth quarter and was not sampled during 2005. Review of analytical data indicates concentrations of benzene and total BTEX constituent concentrations below the NMOCD regulatory standard in thirteen (13) monitor and recovery wells. The remaining two (2) monitor wells (MW-6 and MW-9) displayed benzene concentrations above the NMOCD regulatory standard. No groundwater samples collected during the reporting period indicated total BTEX constituent concentrations above the NMOCD regulatory standard.

Overall, PSH thicknesses at the site declined during 2005. No significant trend with respect to changing dissolved phase hydrocarbons is apparent from the data presented for this reporting period. Analytical data indicates dissolved phase impact above the NMOCD regulatory standard for benzene is limited to areas down gradient from those wells which exhibit measurable thicknesses of PSH. Prior to 2004, monitor well MW-9 had not displayed concentrations of benzene above the method detection limit since 2001.

### **ANTICIPATED ACTIONS**

Groundwater monitoring, weekly product recovery and annual reporting will continue through 2006. A Work Plan detailing changes to enhance the automated recovery system will be submitted to the NMOCD during 2006.

### **LIMITATIONS**

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

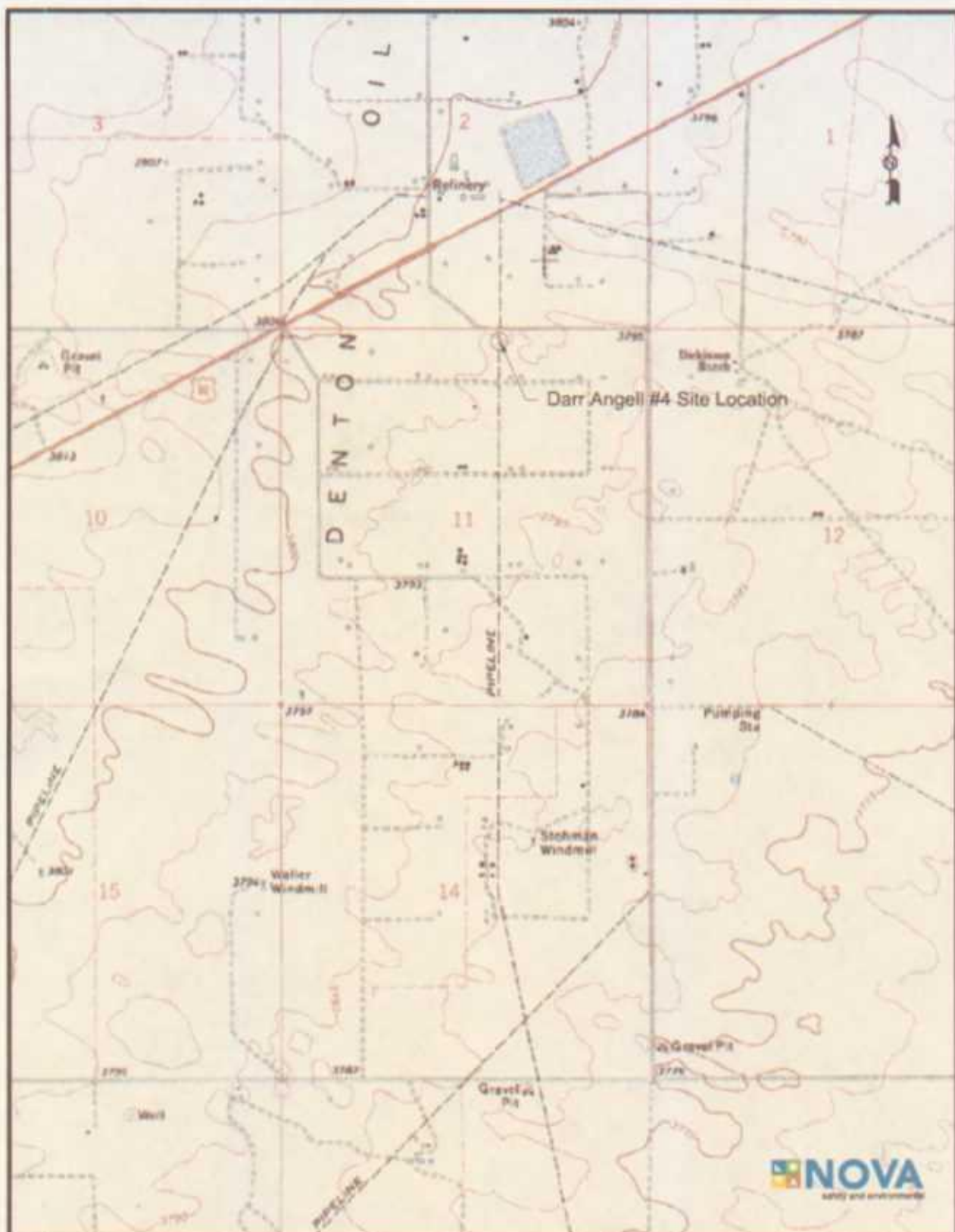
NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that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

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

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## Figures



**Site Location**

33° 02' 17.4" N 103° 10' 04.4" W

NW 1/4 NE1/4 Sec 11 T15S R37E

SW 1/4 SE 1/4 Sec 2 T15S R37E

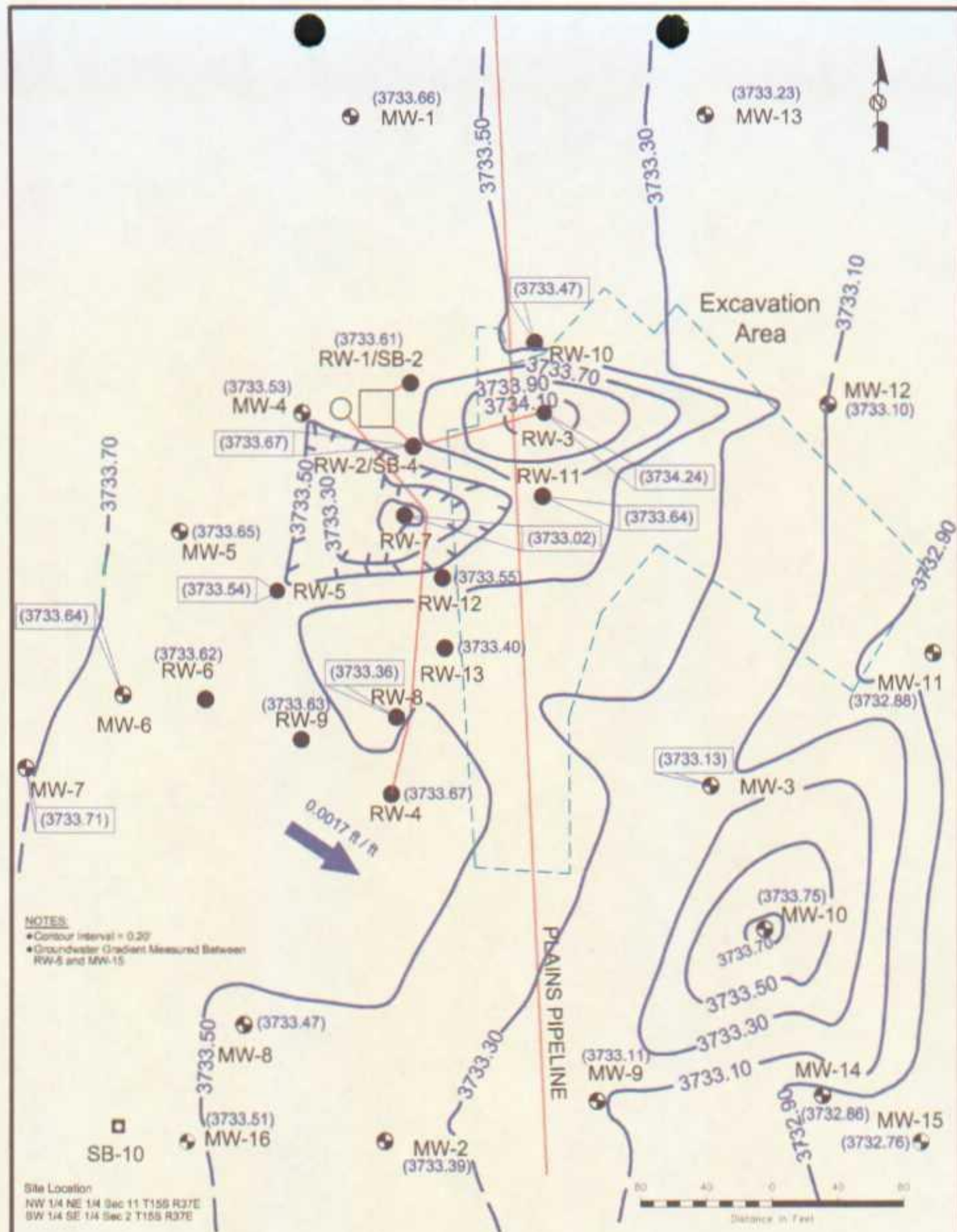
**Figure 1  
Site Location Map**

Plains Marketing, L.P.  
Darr Angell # 4  
Lea County, NM

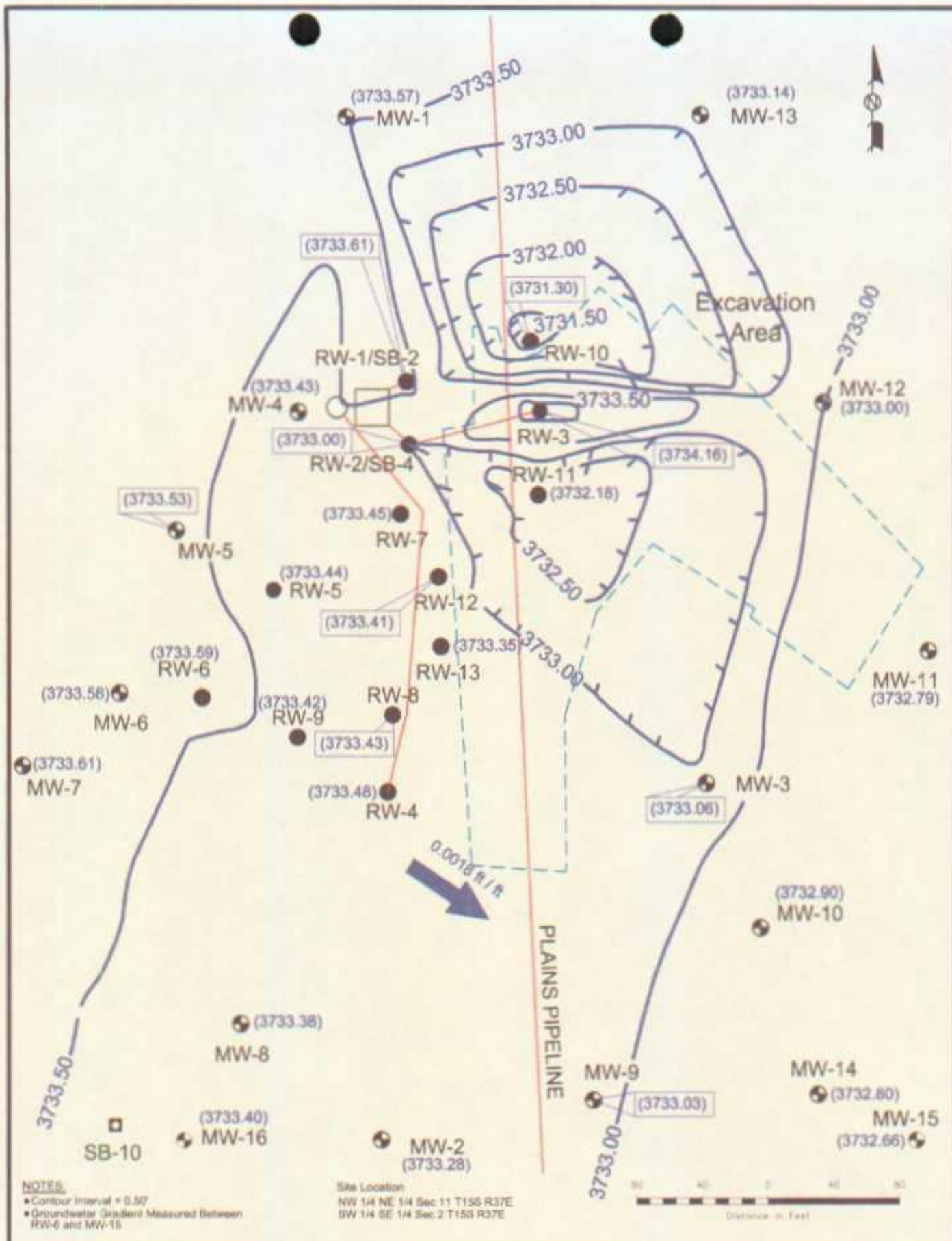
**NOVA Safety and Environmental**

Scale: 1"=2000'	Prep By: COS	Checked By: TKC
February 20, 2005		









#### LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Groundwater Elevation Contour Line
- Groundwater Gradient Direction and Magnitude
- Poly Tank
- Shed
- (3733.61) Groundwater Elevation (feet)

Figure 2B  
 Inferred Groundwater  
 Gradient Map  
 (6/21/05)  
 Plains Marketing, L.P.  
 Darr Angell #4  
 Lea County, NM

NOVA Safety and Environmental

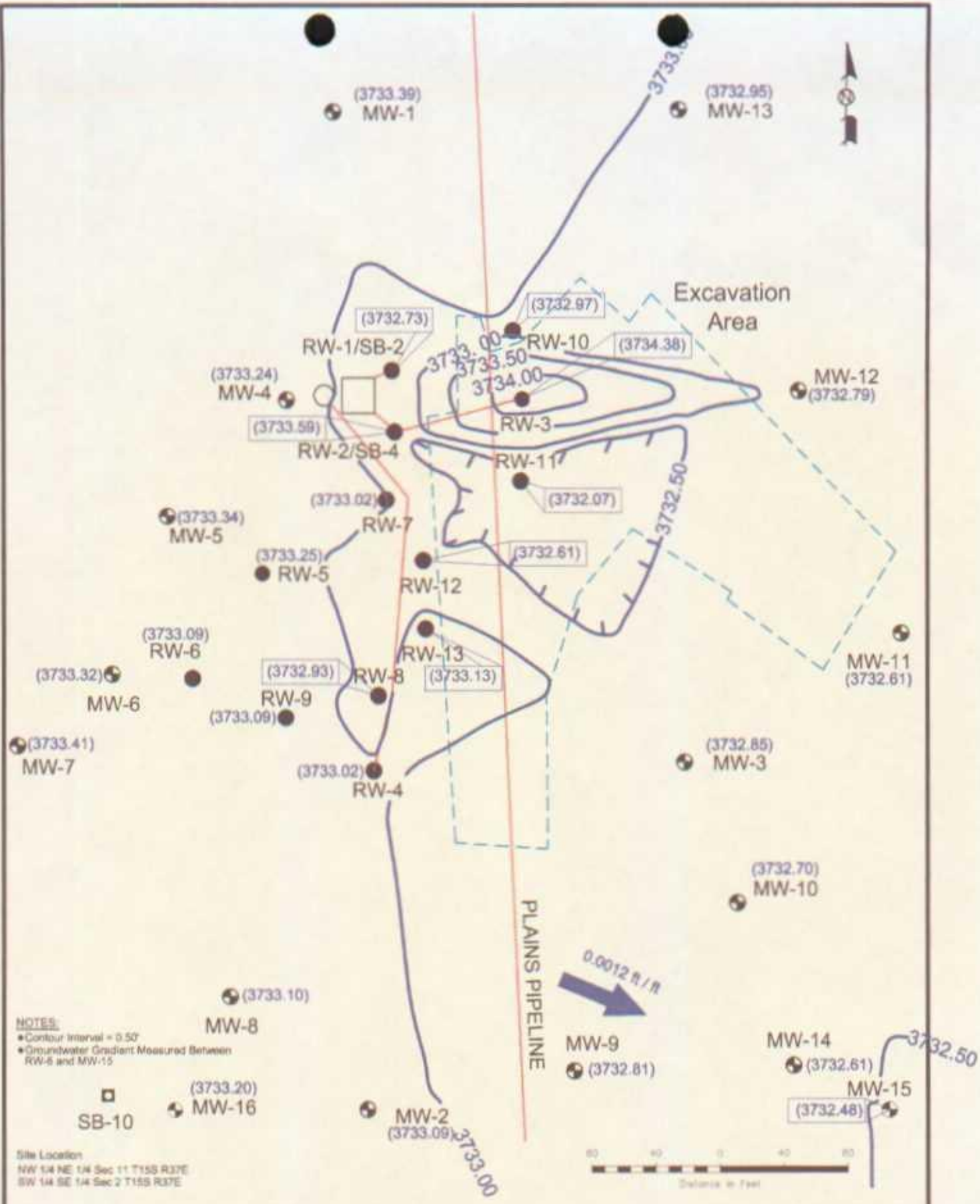


Scale: 1"=80'	Prep By: DPM	Checked By: CDE
October 11, 2005	33° 02' 17.4" N 103° 10' 04.4" W	



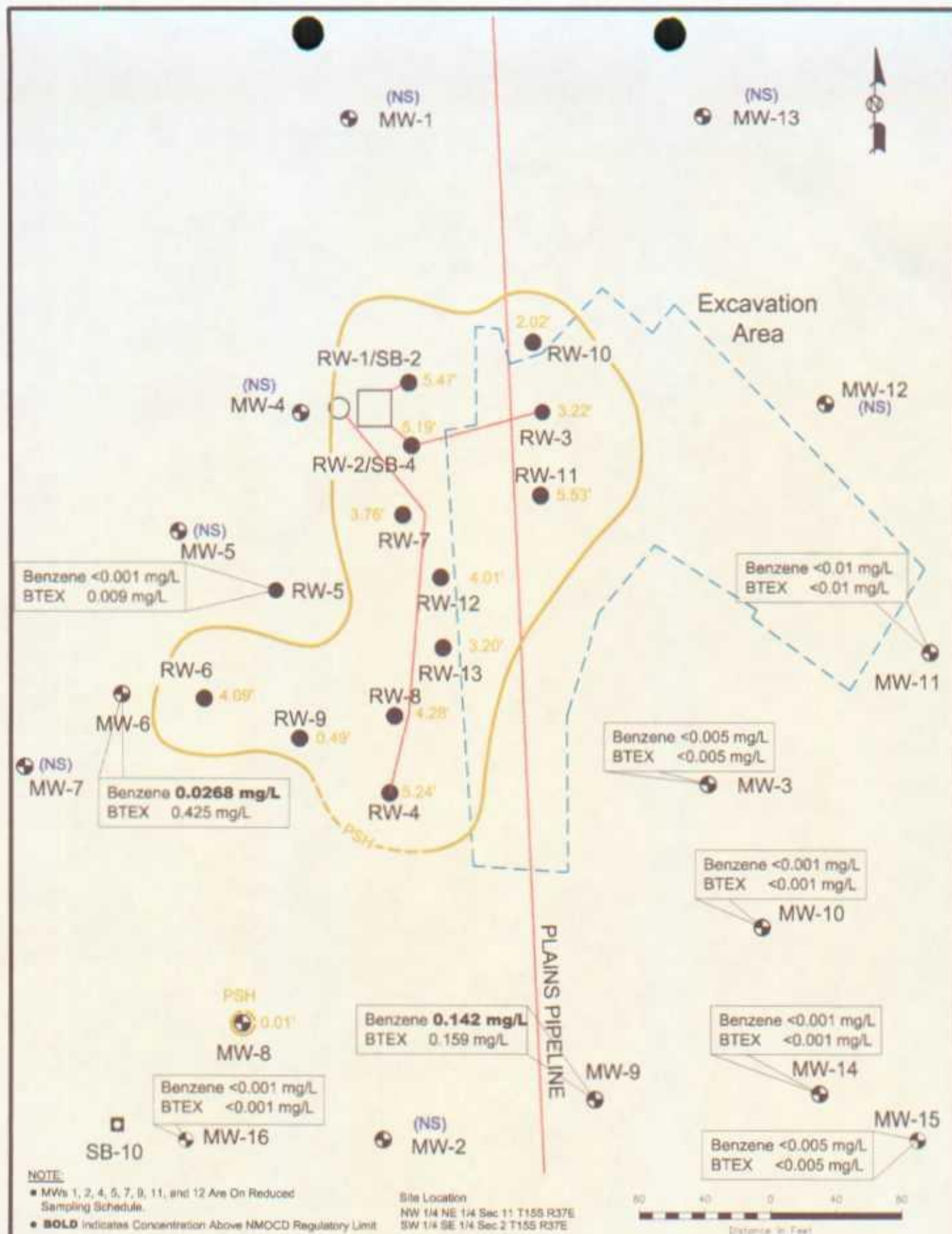
<p><b>LEGEND:</b></p> <ul style="list-style-type: none"> <li>Monitoring Well Location</li> <li>Recovery Well Location</li> <li>Pipeline</li> <li>Groundwater Elevation Contour Line</li> <li>Groundwater Gradient Direction and Magnitude</li> <li>Excavation Area</li> <li>Well</li> </ul>	<p><b>Figure 2C</b>  <b>Inferred Groundwater Gradient Map</b>          (9/20/05)          Plains Marketing, L.P.          Dan Angell #4          Lea County, NM</p>	<p><b>NOVA Safety and Environmental</b></p> <table border="1"> <tr> <td>Scale: 1"=80'</td> <td>Prep By: DPM</td> <td>Checked By: CDB</td> </tr> <tr> <td>October 12, 2005</td> <td colspan="2">33° 02' 17.4" N 103° 10' 04.4" W</td> </tr> </table>	Scale: 1"=80'	Prep By: DPM	Checked By: CDB	October 12, 2005	33° 02' 17.4" N 103° 10' 04.4" W	
Scale: 1"=80'	Prep By: DPM	Checked By: CDB						
October 12, 2005	33° 02' 17.4" N 103° 10' 04.4" W							











# LEGEND:

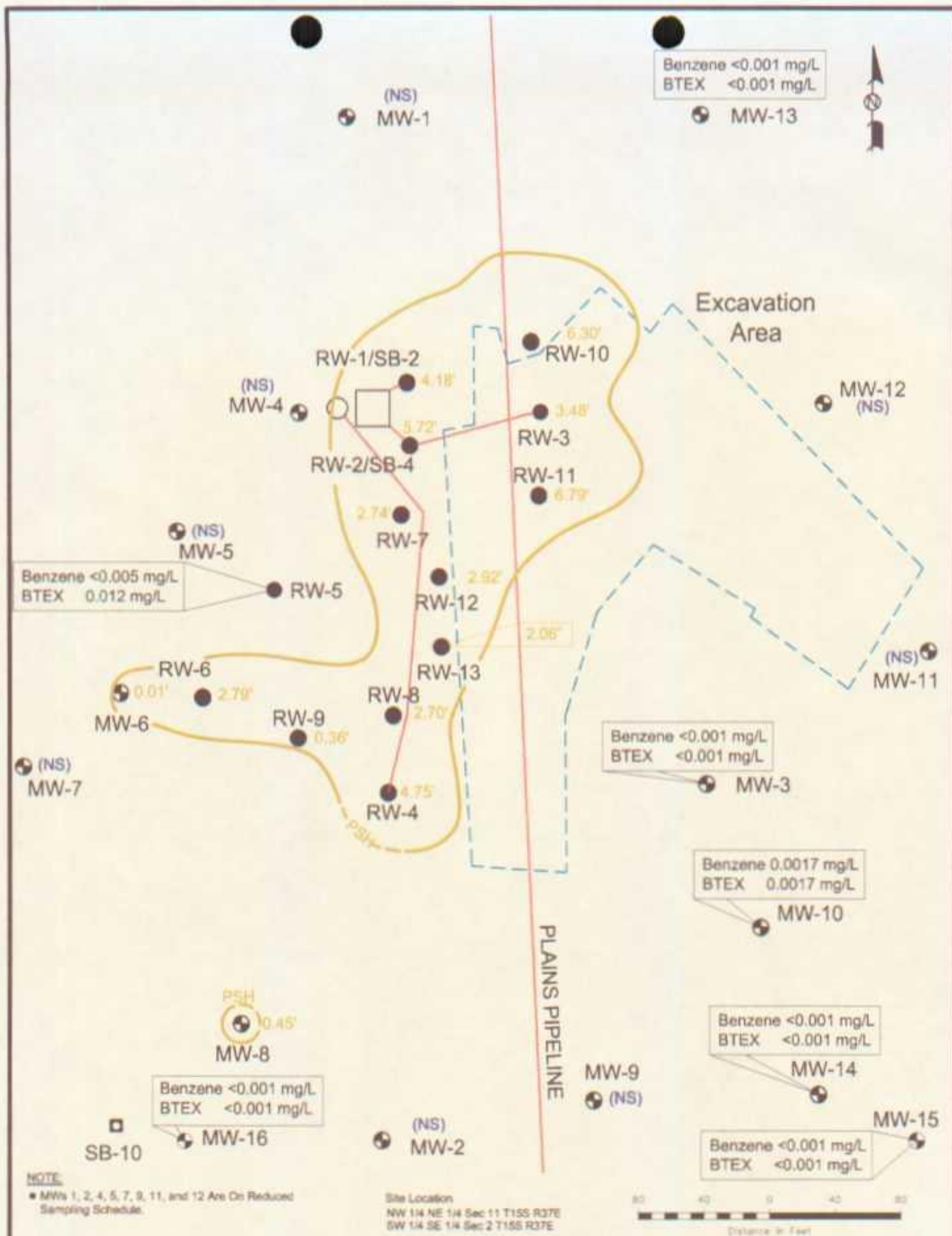
- Monitor Well Location
- Recovery Well Location
- Poly Tank
- Sheet
- Pipeline
- Inferred PSH Extent
- Thickness of PSH (feet)
- <0.001 - Constituent Concentration (mg/L)
- (NS) - Not Sampled

Figure 3B  
Groundwater Concentration  
and Inferred PSH Extent  
Map (06/21/05)  
Plains Marketing, L.P.  
Darr Angell #4  
Lea County, NM

NOVA Safety and Environmental



Scale: 1"=80'	Prep By: DPM	Checked By: CDS
October 26, 2005	33° 52' 17.4" N	103° 10' 04.4" W



#### LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- Poly Tank
- Shed
- 0.45' Thickness of PSH (feet)
- 0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3C  
Groundwater Concentration  
and Inferred PSH Extent  
Map (09/20/05)  
Plains Marketing, L.P.  
Darr Angell #4  
Lea County, NM

NOVA Safety and Environmental



Scale: 1"=80'	Prep By: DPM	Checked By: CDS
October 26, 2005	33° 02' 17.4" N 103° 10' 04.4" W	



# NOTES:

- MWs 1, 2, 4, 5, 7, 9, 11, and 12 Are On Reduced Sampling Schedule
- **BOLD** Indicates Concentration Above NMOC Regulatory Limit
- PSH Gauging Data From 12/14/05. Data From Sampling Data Appears To Be Anomalous Low.
- MW-1 Failed to Produce Water After Purgig and Was Not Sampled.

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-13

MW-1  
(NS)

Excavation  
Area

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

RW-1/SB-2

MW-4

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-5

RW-2/SB-4

Benzene <0.001 mg/L  
BTEX 0.032 mg/L

RW-5

RW-6

MW-6

MW-7

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

RW-9

RW-8

RW-4

RW-10

RW-3

RW-11

RW-12

RW-13

MW-12

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-11

Benzene 0.007 mg/L  
BTEX 0.007 mg/L

MW-3

Benzene 0.003 mg/L  
BTEX 0.003 mg/L

MW-10

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-14

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-15

Benzene **0.170 mg/L**  
BTEX 0.202 mg/L

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-8

Benzene <0.001 mg/L  
BTEX <0.001 mg/L

MW-2

SB-10

MW-16

Site Location  
NW 1/4 NE 1/4 Sec 11 T15S R37E  
SW 1/4 SE 1/4 Sec 2 T15S R37E

Scale 1" = 80'  
January 12, 2006 33° 02' 17.4" N 103° 10' 04.4" W

## LEGEND:

- Monitor Well Location
- Recovery Well Location
- Pipeline
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- Poly Tank
- Shed
- Thickness of PSH (feet)
- (NS) Not Sampled

Figure 3D  
Groundwater Concentration  
and Inferred PSH Extent  
Map (12/22/05)  
Plains Marketing, L.P.  
Darr Angell #4  
Lea County, NM

NOVA Safety and Environmental

NOVA



# Tables

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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	03/21/05	3,800.66	-	67.00	0.00	3,733.66
	06/21/05	3,800.66	-	67.09	0.00	3,733.57
	09/20/05	3,800.66	-	67.20	0.00	3,733.46
	12/22/05	3,800.66	-	67.27	0.00	3,733.39
MW-2	03/21/05	3,796.33	-	62.94	0.00	3,733.39
	06/21/05	3,796.33	-	63.05	0.00	3,733.28
	09/20/05	3,796.33	-	63.14	0.00	3,733.19
	12/22/05	3,796.33	-	63.24	0.00	3,733.09
MW-3	03/21/05	3,798.10	-	64.97	0.00	3,733.13
	06/21/05	3,798.10	-	65.04	0.00	3,733.06
	09/20/05	3,798.10	-	65.15	0.00	3,732.95
	12/22/05	3,798.10	-	65.25	0.00	3,732.85
MW-4	03/21/05	3,797.73	-	64.20	0.00	3,733.53
	06/21/05	3,797.73	-	64.30	0.00	3,733.43
	09/20/05	3,797.73	-	64.40	0.00	3,733.33
	12/22/05	3,797.73	-	64.49	0.00	3,733.24
MW-5	03/21/05	3,797.23	-	63.58	0.00	3,733.65
	06/21/05	3,797.23	-	63.70	0.00	3,733.53
	09/20/05	3,797.23	-	63.80	0.00	3,733.43
	12/22/05	3,797.23	-	63.89	0.00	3,733.34
MW-6	01/13/05	3,796.51	62.81	63.09	0.28	3,733.66
	01/21/05	3,796.51	62.82	62.95	0.13	3,733.67
	01/26/05	3,796.51	62.85	62.86	0.01	3,733.66
	02/04/05	3,796.51	62.80	62.81	0.01	3,733.71
	02/10/05	3,796.51	62.83	62.84	0.01	3,733.68
	02/16/05	3,796.51	62.82	62.83	0.01	3,733.69
	02/23/05	3,796.51	62.82	62.83	0.01	3,733.69
	03/02/05	3,796.51	sheen	62.85	0.00	3,733.66
	03/10/05	3,796.51	62.84	62.85	0.01	3,733.67
	03/17/05	3,796.51	62.88	62.89	0.01	3,733.63
	03/21/05	3,796.51	62.87	62.89	0.02	3,733.64
	03/23/05	3,796.51	sheen	62.91	0.00	3,733.60
	04/01/05	3,796.51	sheen	62.91	0.00	3,733.60
	06/21/05	3,796.51		62.93	0.00	3,733.58
	06/22/05	3,796.51	sheen	62.97	0.00	3,733.54
	08/26/05	3,796.51	sheen	63.08	0.00	3,733.43
	09/20/05	3,796.51	63.03	63.04	0.01	3,733.48

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-6	09/23/05	3,796.51	63.04	63.09	0.05	3,733.46
	10/05/05	3,796.51	63.10	63.13	0.03	3,733.41
	10/14/05	3,796.51	63.11	63.20	0.09	3,733.39
	10/27/05	3,796.51	63.12	63.20	0.08	3,733.38
	12/14/05	3,796.51	63.20	63.41	0.21	3,733.28
	12/20/05	3,796.51	63.15	63.40	0.25	3,733.32
	12/22/05	3,796.51	63.15	63.40	0.25	3,733.32
MW-7	03/21/05	3,796.16	-	62.45	0.00	3,733.71
	06/21/05	3,796.16	-	62.55	0.00	3,733.61
	09/20/05	3,796.16	-	62.64	0.00	3,733.52
	12/22/05	3,796.16	-	62.75	0.00	3,733.41
MW-8	01/13/05	3,795.89	62.32	62.90	0.58	3,733.48
	01/21/05	3,795.89	62.32	62.79	0.47	3,733.50
	01/26/05	3,795.89	62.35	62.70	0.35	3,733.49
	02/04/05	3,795.89	62.37	62.64	0.27	3,733.48
	02/10/05	3,795.89	62.35	62.53	0.18	3,733.51
	02/16/05	3,795.89	62.38	62.49	0.11	3,733.49
	02/23/05	3,795.89	62.39	62.49	0.10	3,733.49
	03/02/05	3,795.89	62.41	62.45	0.04	3,733.47
	03/10/05	3,795.89	62.40	62.41	0.01	3,733.49
	03/17/05	3,795.89	62.42	62.43	0.01	3,733.47
	03/21/05	3,795.89	62.42	62.44	0.02	3,733.47
	03/23/05	3,795.89	sheen	62.41	0.00	3,733.48
	04/01/05	3,795.89	sheen	62.47	0.00	3,733.42
	06/21/05	3,795.89	62.51	62.52	0.01	3,733.38
	06/22/05	3,795.89	sheen	62.53	0.00	3,733.36
	08/19/05	3,795.89	-	62.58	0.00	3,733.31
	08/26/05	3,795.89	62.62	62.67	0.05	3,733.26
	09/02/05	3,795.89	62.22	62.70	0.48	3,733.60
	09/08/05	3,795.89	62.60	62.68	0.08	3,733.28
	09/16/05	3,795.89	62.62	62.73	0.11	3,733.25
	09/20/05	3,795.89	62.24	62.69	0.45	3,733.58
	09/23/05	3,795.89	62.20	62.60	0.40	3,733.63
	09/28/05	3,795.89	62.62	62.80	0.18	3,733.24
	10/04/05	3,795.89	62.62	62.72	0.10	3,733.26
	10/14/05	3,795.89	62.69	62.80	0.11	3,733.18
	10/18/05	3,795.89	62.65	62.74	0.09	3,733.23
	10/27/05	3,795.89	62.70	62.79	0.09	3,733.18
	11/01/05	3,795.89	62.68	62.75	0.07	3,733.20
	11/08/05	3,795.89	62.67	62.75	0.08	3,733.21

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-8	11/15/05	3,795.89	62.73	62.86	0.13	3,733.14
	11/22/05	3,795.89	62.69	62.79	0.10	3,733.19
	11/29/05	3,795.89	62.70	62.84	0.14	3,733.17
	12/09/05	3,795.89	62.72	62.83	0.11	3,733.15
	12/14/05	3,795.89	62.73	62.84	0.11	3,733.14
	12/20/05	3,795.89	62.76	62.88	0.12	3,733.11
	12/22/05	3,795.89	62.78	62.88	0.10	3,733.10
	12/28/05	3,795.89	62.77	62.88	0.11	3,733.10
MW-9	03/21/05	3,795.66	-	62.55	0.00	3,733.11
	06/21/05	3,795.66	-	62.63	0.00	3,733.03
	09/20/05	3,795.66	-	62.75	0.00	3,732.91
	12/22/05	3,795.66	-	62.85	0.00	3,732.81
MW-10	03/21/05	3,796.23	-	62.48	0.00	3,733.75
	06/21/05	3,796.23	-	63.33	0.00	3,732.90
	09/20/05	3,796.23	-	63.44	0.00	3,732.79
	12/22/05	3,796.23	-	63.53	0.00	3,732.70
MW-11	03/21/05	3,796.58	-	63.70	0.00	3,732.88
	06/21/05	3,796.58	-	63.79	0.00	3,732.79
	09/20/05	3,796.58	-	63.90	0.00	3,732.68
	12/22/05	3,796.58	-	63.97	0.00	3,732.61
MW-12	03/21/05	3,798.03	-	64.93	0.00	3,733.10
	06/21/05	3,798.03	-	65.03	0.00	3,733.00
	09/20/05	3,798.03	-	65.12	0.00	3,732.91
	12/22/05	3,798.03	-	65.24	0.00	3,732.79
MW-13	03/21/05	3,799.65	-	66.42	0.00	3,733.23
	06/21/05	3,799.65	-	66.51	0.00	3,733.14
	09/20/05	3,799.65	-	66.61	0.00	3,733.04
	12/22/05	3,799.65	-	66.70	0.00	3,732.95
MW-14	03/21/05	3,796.10	-	63.24	0.00	3,732.86
	06/21/05	3,796.10	-	63.30	0.00	3,732.80
	09/20/05	3,796.10	-	63.42	0.00	3,732.68
	12/22/05	3,796.10	-	63.49	0.00	3,732.61
MW-15	01/10/05	3,795.96	-	62.33	0.00	3,733.63
	03/21/05	3,795.96	-	63.20	0.00	3,732.76
	06/21/05	3,795.96	-	63.30	0.00	3,732.66

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-15	09/20/05	3,795.96	-	63.39	0.00	3,732.57
	12/22/05	3,795.96	-	63.48	0.00	3,732.48
MW-16	01/10/05	3,795.93	-	63.13	0.00	3,732.80
	03/21/05	3,795.93	-	62.42	0.00	3,733.51
	06/21/05	3,795.93	-	62.53	0.00	3,733.40
	09/20/05	3,795.93	-	62.62	0.00	3,733.31
	12/22/05	3,795.93	-	62.73	0.00	3,733.20
RW-1	01/13/05	3,797.66	63.15	68.68	5.53	3,733.68
	01/21/05	3,797.66	63.39	67.55	4.16	3,733.65
	01/26/05	3,797.66	63.52	67.72	4.20	3,733.51
	02/04/05	3,797.66	63.43	67.13	3.70	3,733.68
	02/10/05	3,797.66	63.52	67.72	4.20	3,733.51
	02/16/05	3,797.66	63.52	66.82	3.30	3,733.65
	02/23/05	3,797.66	63.52	66.81	3.29	3,733.65
	03/02/05	3,797.66	63.32	67.43	4.11	3,733.72
	03/10/05	3,797.66	63.49	67.15	3.66	3,733.62
	03/17/05	3,797.66	63.50	67.18	3.68	3,733.61
	03/21/05	3,797.66	63.50	67.18	3.68	3,733.61
	03/23/05	3,797.66	63.35	67.75	4.40	3,733.65
	04/01/05	3,797.66	63.50	67.15	3.65	3,733.61
	06/21/05	3,797.66	63.23	68.70	5.47	3,733.61
	06/22/05	3,797.66	63.23	68.70	5.47	3,733.61
	07/14/05	3,797.66	63.25	69.00	5.75	3,733.55
	08/19/05	3,797.66	63.46	68.18	4.72	3,733.49
	08/26/05	3,797.66	63.59	67.60	4.01	3,733.47
	09/02/05	3,797.66	63.70	67.31	3.61	3,733.42
	09/08/05	3,797.66	63.73	67.24	3.51	3,733.40
	09/16/05	3,797.66	63.68	67.40	3.72	3,733.42
	09/20/05	3,797.66	63.72	67.90	4.18	3,733.31
	09/23/05	3,797.66	63.72	67.99	4.27	3,733.30
	09/28/05	3,797.66	63.82	66.76	2.94	3,733.40
	10/05/05	3,797.66	63.83	66.90	3.07	3,733.37
	10/14/05	3,797.66	63.80	67.25	3.45	3,733.34
	10/18/05	3,797.66	63.94	66.42	2.48	3,733.35
	10/27/05	3,797.66	63.80	67.35	3.55	3,733.33
	11/01/05	3,797.66	63.59	68.00	4.41	3,733.41
	11/08/05	3,797.66	63.76	67.26	3.50	3,733.38
	11/15/05	3,797.66	63.86	67.13	3.27	3,733.31
	11/22/05	3,797.66	63.84	67.03	3.19	3,733.34
	11/29/05	3,797.66	63.89	67.08	3.19	3,733.29

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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	12/09/05	3,797.66	63.76	67.58	3.82	3,733.33
	12/14/05	3,797.66	63.80	67.01	3.21	3,733.38
	12/20/05	3,797.66	63.87	67.88	4.01	3,733.19
	12/22/05	3,797.66	64.88	65.22	0.34	3,732.73
	12/28/05	3,797.66	63.69	67.47	3.78	3,733.40
RW-2	01/13/05	3,797.60	63.13	69.04	5.91	3,733.58
	01/21/05	3,797.60	63.05	68.81	5.76	3,733.69
	01/26/05	3,797.60	63.05	68.64	5.59	3,733.71
	02/04/05	3,797.60	63.14	68.89	5.75	3,733.60
	02/10/05	3,797.60	63.03	68.74	5.71	3,733.71
	02/16/05	3,797.60	63.05	68.80	5.75	3,733.69
	02/23/05	3,797.60	63.01	68.78	5.77	3,733.72
	03/02/05	3,797.60	63.05	69.65	6.60	3,733.56
	03/10/05	3,797.60	63.03	68.85	5.82	3,733.70
	03/17/05	3,797.60	63.05	68.89	5.84	3,733.67
	03/21/05	3,797.60	63.05	68.89	5.84	3,733.67
	03/23/05	3,797.60	63.03	68.94	5.91	3,733.68
	04/01/05	3,797.60	63.09	68.90	5.81	3,733.64
	06/21/05	3,797.60	63.82	69.01	5.19	3,733.00
	06/22/05	3,797.60	63.82	69.01	5.19	3,733.00
	08/19/05	3,797.60	63.39	69.11	5.72	3,733.35
	08/26/05	3,797.60	63.41	69.04	5.63	3,733.35
	09/02/05	3,797.60	63.43	68.96	5.53	3,733.34
	09/08/05	3,797.60	63.43	68.88	5.45	3,733.35
	09/16/05	3,797.60	63.48	68.90	5.42	3,733.31
	09/20/05	3,797.60	63.40	69.12	5.72	3,733.34
	09/23/05	3,797.60	63.38	69.01	5.63	3,733.38
	09/28/05	3,797.60	63.51	68.65	5.14	3,733.32
	10/05/05	3,797.60	63.49	68.68	5.19	3,733.33
	10/14/05	3,797.60	63.55	68.85	5.30	3,733.26
	10/18/05	3,797.60	63.57	68.54	4.97	3,733.28
	10/27/05	3,797.60	63.53	68.85	5.32	3,733.27
	11/01/05	3,797.60	63.48	68.97	5.49	3,733.30
	11/08/05	3,797.60	63.48	68.77	5.29	3,733.33
	11/15/05	3,797.60	63.55	68.78	5.23	3,733.27
	11/22/05	3,797.60	63.55	68.77	5.22	3,733.27
	11/29/05	3,797.60	63.56	68.77	5.21	3,733.26
	12/09/05	3,797.60	63.55	68.93	5.38	3,733.24
	12/14/05	3,797.60	63.57	69.05	5.48	3,733.21
	12/20/05	3,797.60	63.63	68.80	5.17	3,733.19
	12/22/05	3,797.60	64.94	65.39	0.45	3,732.59

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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	12/28/05	3,797.60	63.52	68.91	5.39	3,733.27
RW-3	01/13/05	3,798.81	63.95	67.68	3.73	3,734.30
	01/21/05	3,798.81	64.00	67.70	3.70	3,734.26
	01/26/05	3,798.81	64.00	67.40	3.40	3,734.30
	02/04/05	3,798.81	64.00	67.70	3.70	3,734.26
	02/10/05	3,798.81	63.98	67.59	3.61	3,734.29
	02/16/05	3,798.81	64.02	67.70	3.68	3,734.24
	02/23/05	3,798.81	64.01	67.73	3.72	3,734.24
	03/02/05	3,798.81	64.02	67.71	3.69	3,734.24
	03/10/05	3,798.81	64.02	67.75	3.73	3,734.23
	03/17/05	3,798.81	64.01	67.73	3.72	3,734.24
	03/21/05	3,798.81	64.01	67.73	3.72	3,734.24
	03/23/05	3,798.81	64.01	67.71	3.70	3,734.25
	04/01/05	3,798.81	64.03	67.75	3.72	3,734.22
	06/21/05	3,798.81	64.17	67.39	3.22	3,734.16
	06/22/05	3,798.81	64.17	67.39	3.22	3,734.16
	07/14/05	3,798.81	64.18	67.37	3.19	3,734.15
	08/19/05	3,798.81	64.13	67.66	3.53	3,734.15
	08/26/05	3,798.81	64.25	67.22	2.97	3,734.11
	09/02/05	3,798.81	64.23	67.69	3.46	3,734.06
	09/08/05	3,798.81	64.25	67.66	3.41	3,734.05
	09/20/05	3,798.81	64.22	67.70	3.48	3,734.07
	09/23/05	3,798.81	64.19	67.77	3.58	3,734.08
	09/28/05	3,798.81	Footing around well is too dangerous to gauge and recover			
	10/27/05	3,798.81	64.30	67.41	3.11	3,734.04
	12/14/05	3,798.81	64.00	67.42	3.42	3,734.30
	12/20/05	3,798.81	63.90	67.45	3.55	3,734.38
	12/22/05	3,798.81	63.90	67.45	3.55	3,734.38
RW-4	01/13/05	3,798.34	63.81	69.10	5.29	3,733.74
	01/21/05	3,798.34	63.82	69.00	5.18	3,733.74
	01/26/05	3,798.34	63.85	66.65	2.80	3,734.07
	02/04/05	3,798.34	63.83	69.06	5.23	3,733.73
	02/10/05	3,798.34	63.80	69.01	5.21	3,733.76
	02/16/05	3,798.34	63.85	69.01	5.16	3,733.72
	02/23/05	3,798.34	63.85	69.00	5.15	3,733.72
	03/02/05	3,798.34	63.84	69.10	5.26	3,733.71
	03/10/05	3,798.34	63.87	69.04	5.17	3,733.69
	03/17/05	3,798.34	63.90	69.05	5.15	3,733.67
	03/21/05	3,798.34	63.90	69.05	5.15	3,733.67
	03/23/05	3,798.34	63.95	67.98	4.03	3,733.79

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-4	04/01/05	3,798.34	63.90	69.04	5.14	3,733.67
	05/04/05	3,798.34	64.00	69.05	5.05	3,733.58
	06/21/05	3,798.34	64.07	69.31	5.24	3,733.48
	06/22/05	3,798.34	64.07	69.31	5.24	3,733.48
	07/14/05	3,798.34	64.08	69.06	4.98	3,733.51
	08/19/05	3,798.34	64.14	68.95	4.81	3,733.48
	08/26/05	3,798.34	64.20	69.00	4.80	3,733.42
	09/02/05	3,798.34	64.22	69.02	4.80	3,733.40
	09/08/05	3,798.34	64.21	68.89	4.68	3,733.43
	09/16/05	3,798.34	64.23	68.95	4.72	3,733.40
	09/20/05	3,798.34	64.20	68.95	4.75	3,733.43
	09/23/05	3,798.34	64.22	68.89	4.67	3,733.42
	09/28/05	3,798.34	64.29	68.61	4.32	3,733.40
	10/05/05	3,798.34	64.30	68.70	4.40	3,733.38
	10/14/05	3,798.34	64.42	68.75	4.33	3,733.27
	10/18/05	3,798.34	64.33	68.58	4.25	3,733.37
	10/27/05	3,798.34	64.30	69.05	4.75	3,733.33
	11/01/05	3,798.34	65.16	66.08	0.92	3,733.04
	11/08/05	3,798.34	65.24	65.75	0.51	3,733.02
	11/15/05	3,798.34	65.30	65.71	0.41	3,732.98
	11/22/05	3,798.34	65.28	65.63	0.35	3,733.01
	11/29/05	3,798.34	65.28	65.63	0.35	3,733.01
	12/09/05	3,798.34	65.27	65.65	0.38	3,733.01
	12/14/05	3,798.34	65.30	65.65	0.35	3,732.99
	12/20/05	3,798.34	65.26	65.66	0.40	3,733.02
	12/22/05	3,798.34	65.26	65.66	0.40	3,733.02
	12/28/05	3,798.34	65.30	65.67	0.37	3,732.98
RW-5	03/21/05	3,797.60	-	64.06	0.00	3,733.54
	06/21/05	3,797.60	-	64.16	0.00	3,733.44
	09/20/05	3,797.60	-	64.25	0.00	3,733.35
	12/22/05	3,797.60	-	64.35	0.00	3,733.25
RW-6	01/13/05	3,797.28	62.76	67.77	5.01	3,733.77
	01/21/05	3,797.28	63.05	66.55	3.50	3,733.71
	01/26/05	3,797.28	63.22	65.72	2.50	3,733.69
	02/04/05	3,797.28	63.15	66.05	2.90	3,733.70
	02/10/05	3,797.28	63.22	65.60	2.38	3,733.70
	02/16/05	3,797.28	63.22	66.82	3.60	3,733.52
	02/23/05	3,797.28	63.20	65.83	2.63	3,733.69
	03/02/05	3,797.28	63.10	66.47	3.37	3,733.67
	03/10/05	3,797.28	63.22	65.92	2.70	3,733.66



TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-6	03/17/05	3,797.28	63.25	65.96	2.71	3,733.62
	03/21/05	3,797.28	63.25	65.96	2.71	3,733.62
	03/23/05	3,797.28	63.18	66.17	2.99	3,733.65
	04/01/05	3,797.28	63.22	65.80	2.58	3,733.67
	05/04/05	3,797.28	63.00	67.32	4.32	3,733.63
	06/21/05	3,797.28	63.08	67.17	4.09	3,733.59
	06/22/05	3,797.28	63.08	67.17	4.09	3,733.59
	07/14/05	3,797.28	63.01	67.71	4.70	3,733.57
	08/19/05	3,797.28	63.30	66.45	3.15	3,733.51
	08/26/05	3,797.28	63.48	65.94	2.46	3,733.43
	09/02/05	3,797.28	63.50	65.68	2.18	3,733.45
	09/08/05	3,797.28	63.50	65.72	2.22	3,733.45
	09/16/05	3,797.28	63.31	64.52	1.21	3,733.79
	09/20/05	3,797.28	63.51	66.30	2.79	3,733.35
	09/23/05	3,797.28	63.49	66.31	2.82	3,733.37
	09/28/05	3,797.28	63.59	65.35	1.76	3,733.43
	10/05/05	3,797.28	63.64	65.44	1.80	3,733.37
	10/14/05	3,797.28	63.65	65.55	1.90	3,733.35
	10/18/05	3,797.28	63.72	64.95	1.23	3,733.38
	10/27/05	3,797.28	63.65	65.70	2.05	3,733.32
	11/01/05	3,797.28	63.72	65.07	1.35	3,733.36
	11/08/05	3,797.28	63.63	65.51	1.88	3,733.37
	11/15/05	3,797.28	63.68	65.45	1.77	3,733.33
	11/22/05	3,797.28	63.67	65.40	1.73	3,733.35
	11/29/05	3,797.28	63.70	65.42	1.72	3,733.32
	12/09/05	3,797.28	63.49	66.49	3.00	3,733.34
	12/14/05	3,797.28	63.44	66.80	3.36	3,733.34
	12/20/05	3,797.28	63.66	65.88	2.22	3,733.29
	12/22/05	3,797.28	64.13	64.54	0.41	3,733.09
	12/28/05	3,797.28	63.36	66.24	2.88	3,733.49
RW-7	01/13/05	3,797.43	63.21	67.30	4.09	3,733.61
	01/21/05	3,797.43	63.62	65.21	1.59	3,733.57
	01/26/05	3,797.43	63.77	64.70	0.93	3,733.52
	02/04/05	3,797.43	63.90	64.30	0.40	3,733.47
	02/10/05	3,797.43	63.43	63.93	0.50	3,733.93
	02/16/05	3,797.43	63.87	64.33	0.46	3,733.49
	02/23/05	3,797.43	63.87	64.35	0.48	3,733.49
	03/02/05	3,797.43	63.95	64.52	0.57	3,733.39
	03/10/05	3,797.43	64.04	64.77	0.73	3,733.28
	03/17/05	3,797.43	64.28	65.12	0.84	3,733.02
	03/21/05	3,797.43	64.28	65.12	0.84	3,733.02

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-7	03/23/05	3,797.43	64.47	65.14	0.67	3,732.86
	04/01/05	3,797.43	64.31	65.49	1.18	3,732.94
	06/21/05	3,797.43	63.42	67.18	3.76	3,733.45
	06/22/05	3,797.43	63.42	67.18	3.76	3,733.45
	08/19/05	3,797.43	63.64	66.48	2.84	3,733.36
	08/26/05	3,797.43	63.90	65.58	1.68	3,733.28
	09/02/05	3,797.43	63.71	66.38	2.67	3,733.32
	09/08/05	3,797.43	63.81	67.85	4.04	3,733.01
	09/20/05	3,797.43	63.70	66.44	2.74	3,733.32
	09/23/05	3,797.43	63.68	66.40	2.72	3,733.34
	09/28/05	3,797.43	64.02	65.03	1.01	3,733.26
	10/05/05	3,797.43	64.04	65.25	1.21	3,733.21
	10/14/05	3,797.43	64.03	65.37	1.34	3,733.20
	10/18/05	3,797.43	63.87	65.91	2.04	3,733.25
	10/27/05	3,797.43	63.95	65.70	1.75	3,733.22
	11/01/05	3,797.43	64.07	65.12	1.05	3,733.20
	11/08/05	3,797.43	64.00	65.42	1.42	3,733.22
	11/15/05	3,797.43	64.04	65.44	1.40	3,733.18
	11/22/05	3,797.43	64.01	65.52	1.51	3,733.19
	11/29/05	3,797.43	64.03	65.47	1.44	3,733.18
	12/09/05	3,797.43	63.95	65.92	1.97	3,733.18
	12/14/05	3,797.43	63.85	66.41	2.56	3,733.20
	12/20/05	3,797.43	64.05	65.63	1.58	3,733.14
	12/22/05	3,797.43	64.38	64.61	0.23	3,733.02
	12/28/05	3,797.43	63.89	65.90	2.01	3,733.24
RW-8	01/13/05	3,798.33	64.05	69.49	5.44	3,733.46
	01/21/05	3,798.33	64.27	67.49	3.22	3,733.58
	01/26/05	3,798.33	64.43	66.87	2.44	3,733.53
	02/04/05	3,798.33	64.34	67.20	2.86	3,733.56
	02/10/05	3,798.33	64.57	66.71	2.14	3,733.44
	02/16/05	3,798.33	64.57	66.70	2.13	3,733.44
	02/23/05	3,798.33	64.57	66.70	2.13	3,733.44
	03/02/05	3,798.33	64.05	68.75	4.70	3,733.58
	03/10/05	3,798.33	64.38	68.32	3.94	3,733.36
	03/17/05	3,798.33	64.38	68.30	3.92	3,733.36
	03/21/05	3,798.33	64.38	68.30	3.92	3,733.36
	03/23/05	3,798.33	64.35	68.32	3.97	3,733.38
	04/01/05	3,798.33	64.18	68.40	4.22	3,733.52
	05/04/05	3,798.33	64.36	67.75	3.39	3,733.46
	06/21/05	3,798.33	64.26	68.54	4.28	3,733.43
	06/22/05	3,798.33	64.26	68.54	4.28	3,733.43

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-8	07/14/05	3,798.33	64.13	69.31	5.18	3,733.42
	08/19/05	3,798.33	64.55	67.58	3.03	3,733.33
	08/26/05	3,798.33	64.76	66.80	2.04	3,733.26
	09/02/05	3,798.33	64.78	66.71	1.93	3,733.26
	09/08/05	3,798.33	64.80	66.71	1.91	3,733.24
	09/16/05	3,798.33	64.70	66.88	2.18	3,733.30
	09/20/05	3,798.33	64.60	67.30	2.70	3,733.33
	09/23/05	3,798.33	64.59	67.21	2.62	3,733.35
	09/28/05	3,798.33	64.87	66.24	1.37	3,733.25
	10/05/05	3,798.33	64.89	66.40	1.51	3,733.21
	10/14/05	3,798.33	64.90	66.53	1.63	3,733.19
	10/18/05	3,798.33	64.73	67.16	2.43	3,733.24
	10/27/05	3,798.33	64.80	67.00	2.20	3,733.20
	11/01/05	3,798.33	64.97	66.26	1.29	3,733.17
	11/08/05	3,798.33	64.90	66.53	1.63	3,733.19
	11/15/05	3,798.33	64.94	66.57	1.63	3,733.15
	11/22/05	3,798.33	64.91	66.57	1.66	3,733.17
	11/29/05	3,798.33	64.92	66.58	1.66	3,733.16
	12/09/05	3,798.33	64.83	66.92	2.09	3,733.19
	12/14/05	3,798.33	65.01	66.40	1.39	3,733.11
	12/20/05	3,798.33	65.02	66.35	1.33	3,733.11
	12/22/05	3,798.33	65.35	65.66	0.31	3,732.93
	12/28/05	3,798.33	64.81	66.74	1.93	3,733.23
RW-9	01/13/05	3,797.99	63.48	69.30	5.82	3,733.64
	01/21/05	3,797.99	63.54	68.57	5.03	3,733.70
	01/26/05	3,797.99	63.68	67.90	4.22	3,733.68
	02/04/05	3,797.99	63.55	68.35	4.80	3,733.72
	02/10/05	3,797.99	63.52	68.37	4.85	3,733.74
	02/16/05	3,797.99	63.62	68.13	4.51	3,733.69
	02/23/05	3,797.99	63.60	68.15	4.55	3,733.71
	03/02/05	3,797.99	63.22	66.90	3.68	3,734.22
	03/10/05	3,797.99	63.44	69.32	5.88	3,733.67
	03/17/05	3,797.99	63.49	69.27	5.78	3,733.63
	03/21/05	3,797.99	63.49	69.27	5.78	3,733.63
	03/23/05	3,797.99	63.50	68.95	5.45	3,733.67
	04/01/05	3,797.99	63.65	68.50	4.85	3,733.61
	05/04/05	3,797.99	64.50	64.93	0.43	3,733.43
	06/21/05	3,797.99	64.50	64.99	0.49	3,733.42
	06/22/05	3,797.99	64.50	64.99	0.49	3,733.42
	07/14/05	3,797.99	64.51	64.97	0.46	3,733.41
	08/19/05	3,797.99	64.66	64.95	0.29	3,733.29

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-9	08/26/05	3,797.99	64.15	67.06	2.91	3,733.40
	09/02/05	3,797.99	64.63	65.05	0.42	3,733.30
	09/08/05	3,797.99	64.72	65.13	0.41	3,733.21
	09/16/05	3,797.99	64.72	65.08	0.36	3,733.22
	09/20/05	3,797.99	64.64	65.00	0.36	3,733.30
	09/23/05	3,797.99	64.64	65.01	0.37	3,733.29
	09/28/05	3,797.99	64.38	66.02	1.64	3,733.36
	10/05/05	3,797.99	64.36	66.66	2.30	3,733.29
	10/14/05	3,797.99	64.24	67.30	3.06	3,733.29
	10/18/05	3,797.99	64.56	65.18	0.62	3,733.34
	10/27/05	3,797.99	64.80	65.16	0.36	3,733.14
	11/01/05	3,797.99	64.72	65.04	0.32	3,733.22
	11/08/05	3,797.99	64.70	65.04	0.34	3,733.24
	11/15/05	3,797.99	64.71	65.04	0.33	3,733.23
	11/22/05	3,797.99	64.03	64.44	0.41	3,733.90
	11/29/05	3,797.99	63.90	64.32	0.42	3,734.03
	12/09/05	3,797.99	64.01	64.33	0.32	3,733.93
	12/14/05	3,797.99	63.30	69.21	5.91	3,733.80
	12/20/05	3,797.99	64.20	67.87	3.67	3,733.24
	12/22/05	3,797.99	64.84	65.26	0.42	3,733.09
	12/28/05	3,797.99	64.00	64.67	0.67	3,733.89
RW-10	01/13/05	3,799.10	64.42	71.22	6.80	3,733.66
	01/21/05	3,799.10	64.65	70.79	6.14	3,733.53
	01/26/05	3,799.10	64.69	70.42	5.73	3,733.55
	02/04/05	3,799.10	64.68	70.65	5.97	3,733.52
	02/10/05	3,799.10	64.55	70.56	6.01	3,733.65
	02/16/05	3,799.10	64.69	70.63	5.94	3,733.52
	02/23/05	3,799.10	64.69	70.65	5.96	3,733.52
	03/02/05	3,799.10	64.70	70.65	5.95	3,733.51
	03/10/05	3,799.10	64.70	70.65	5.95	3,733.51
	03/17/05	3,799.10	64.75	70.64	5.89	3,733.47
	03/21/05	3,799.10	64.75	70.64	5.89	3,733.47
	03/23/05	3,799.10	64.76	70.65	5.89	3,733.46
	04/01/05	3,799.10	64.81	70.70	5.89	3,733.41
	06/21/05	3,799.10	67.50	69.52	2.02	3,731.30
	06/22/05	3,799.10	67.50	69.52	2.02	3,731.30
	07/14/05	3,799.10	67.52	69.47	1.95	3,731.29
	08/19/05	3,799.10	64.97	71.21	6.24	3,733.19
	08/26/05	3,799.10	64.86	71.10	6.24	3,733.30
	09/02/05	3,799.10	64.81	71.08	6.27	3,733.35
	09/08/05	3,799.10	64.84	71.11	6.27	3,733.32

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-10	09/20/05	3,799.10	64.85	71.15	6.30	3,733.31
	09/23/05	3,799.10	64.95	71.20	6.25	3,733.21
	09/28/05	3,799.10	64.93	70.72	5.79	3,733.30
	10/05/05	3,799.10	65.05	70.94	5.89	3,733.17
	10/14/05	3,799.10	64.90	70.95	6.05	3,733.29
	10/18/05	3,799.10	64.96	70.59	5.63	3,733.30
	10/27/05	3,799.10	65.05	70.95	5.90	3,733.17
	11/01/05	3,799.10	64.91	70.95	6.04	3,733.28
	11/15/05	3,799.10	65.00	70.31	5.31	3,733.30
	11/22/05	3,799.10	64.92	71.25	6.33	3,733.23
	11/29/05	3,799.10	64.98	71.26	6.28	3,733.18
	12/09/05	3,799.10	65.07	71.33	6.26	3,733.09
	12/14/05	3,799.10	64.90	71.01	6.11	3,733.28
	12/20/05	3,799.10	65.20	70.96	5.76	3,733.04
	12/22/05	3,799.10	66.04	66.61	0.57	3,732.97
	12/28/05	3,799.10	65.02	71.26	6.24	3,733.14
RW-11	01/13/05	3,796.65	62.00	68.70	6.70	3,733.65
	01/21/05	3,796.65	62.05	67.37	5.32	3,733.80
	01/26/05	3,796.65	62.12	68.53	6.41	3,733.57
	02/04/05	3,796.65	62.05	68.62	6.57	3,733.61
	02/10/05	3,796.65	62.03	68.54	6.51	3,733.64
	02/16/05	3,796.65	62.05	68.64	6.59	3,733.61
	02/23/05	3,796.65	62.05	68.65	6.60	3,733.61
	03/02/05	3,796.65	62.02	68.65	6.63	3,733.64
	03/10/05	3,796.65	62.05	68.67	6.62	3,733.61
	03/17/05	3,796.65	62.08	68.65	6.57	3,733.58
	03/21/05	3,796.65	62.08	68.25	6.17	3,733.64
	03/23/05	3,796.65	62.10	68.75	6.65	3,733.55
	04/01/05	3,796.65	62.13	68.84	6.71	3,733.51
	06/21/05	3,796.65	63.64	69.17	5.53	3,732.18
	06/22/05	3,796.65	63.64	69.17	5.53	3,732.18
	07/14/05	3,796.65	63.65	69.13	5.48	3,732.18
	08/19/05	3,796.65	62.45	69.70	7.25	3,733.11
	08/26/05	3,796.65	62.35	69.15	6.80	3,733.28
	09/02/05	3,796.65	62.36	68.70	6.34	3,733.34
	09/08/05	3,796.65	62.33	69.01	6.68	3,733.32
	09/20/05	3,796.65	62.41	69.20	6.79	3,733.22
	09/23/05	3,796.65	62.53	69.13	6.60	3,733.13
	09/28/05	3,796.65	62.48	69.06	6.58	3,733.18
	10/05/05	3,796.65	62.69	69.00	6.31	3,733.01
	10/14/05	3,796.65	62.89	68.95	6.06	3,732.85

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-11	10/18/05	3,796.65	62.36	69.33	6.97	3,733.24
	10/27/05	3,796.65	62.94	68.40	5.46	3,732.89
	11/01/05	3,796.65	62.37	69.21	6.84	3,733.25
	11/08/05	3,796.65	62.38	69.20	6.82	3,733.25
	11/15/05	3,796.65	62.44	69.10	6.66	3,733.21
	11/22/05	3,796.65	63.36	64.16	0.80	3,733.17
	11/29/05	3,796.65	62.55	68.64	6.09	3,733.19
	12/09/05	3,796.65	62.77	68.73	5.96	3,732.99
	12/14/05	3,796.65	62.60	69.09	6.49	3,733.08
	12/20/05	3,796.65	63.05	68.90	5.85	3,732.72
	12/22/05	3,796.65	64.51	64.98	0.47	3,732.07
	12/28/05	3,796.65	62.65	68.66	6.01	3,733.10
RW-12	01/13/05	3,798.13	63.91	68.65	4.74	3,733.51
	01/21/05	3,798.13	64.22	66.79	2.57	3,733.52
	01/26/05	3,798.13	64.33	66.28	1.95	3,733.51
	02/04/05	3,798.13	64.28	66.48	2.20	3,733.52
	02/10/05	3,798.13	64.30	66.49	2.19	3,733.50
	02/16/05	3,798.13	64.30	66.50	2.20	3,733.50
	02/23/05	3,798.13	64.30	66.53	2.23	3,733.50
	03/02/05	3,798.13	64.00	67.05	3.05	3,733.67
	03/10/05	3,798.13	63.90	68.16	4.26	3,733.59
	03/17/05	3,798.13	63.94	68.20	4.26	3,733.55
	03/21/05	3,798.13	63.94	68.20	4.26	3,733.55
	03/23/05	3,798.13	64.05	67.73	3.68	3,733.53
	04/01/05	3,798.13	64.09	67.75	3.66	3,733.49
	05/04/05	3,798.13	64.24	66.26	2.02	3,733.59
	06/21/05	3,798.13	64.12	68.13	4.01	3,733.41
	06/22/05	3,798.13	64.12	68.13	4.01	3,733.41
	07/14/05	3,798.13	64.08	68.70	4.62	3,733.36
	08/19/05	3,798.13	64.40	67.25	2.85	3,733.30
	08/26/05	3,798.13	64.58	66.60	2.02	3,733.25
	09/02/05	3,798.13	64.40	67.37	2.97	3,733.28
	09/08/05	3,798.13	64.60	66.44	1.84	3,733.25
	09/16/05	3,798.13	64.65	66.20	1.55	3,733.25
	09/20/05	3,798.13	64.40	67.32	2.92	3,733.29
	09/23/05	3,798.13	64.45	67.39	2.94	3,733.24
	09/28/05	3,798.13	64.77	65.74	0.97	3,733.21
	10/05/05	3,798.13	64.80	65.87	1.07	3,733.17
	10/14/05	3,798.13	64.80	66.03	1.23	3,733.15
	10/18/05	3,798.13	64.64	66.52	1.88	3,733.21
	10/27/05	3,798.13	64.93	65.91	0.98	3,733.05

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-12	11/01/05	3,798.13	64.57	66.89	2.32	3,733.21
	11/08/05	3,798.13	64.74	66.08	1.34	3,733.19
	11/15/05	3,798.13	64.79	66.12	1.33	3,733.14
	11/22/05	3,798.13	64.78	66.01	1.23	3,733.17
	11/29/05	3,798.13	64.81	66.04	1.23	3,733.14
	12/09/05	3,798.13	64.76	66.34	1.58	3,733.13
	12/14/05	3,798.13	65.20	66.31	1.11	3,732.76
	12/20/05	3,798.13	65.45	65.90	0.45	3,732.61
	12/22/05	3,798.13	65.45	65.90	0.45	3,732.61
	12/28/05	3,798.13	64.72	66.31	1.59	3,733.17
RW-13	01/13/05	3,798.52	64.2	69.2	5.00	3,733.57
	01/21/05	3,798.52	64.62	67.21	2.59	3,733.51
	01/26/05	3,798.52	64.8	66.36	1.56	3,733.49
	02/04/05	3,798.52	64.75	66.55	1.80	3,733.50
	02/10/05	3,798.52	64.76	66.5	1.74	3,733.50
	02/16/05	3,798.52	64.75	66.5	1.75	3,733.51
	02/23/05	3,798.52	64.74	66.5	1.76	3,733.52
	03/02/05	3,798.52	64.53	66.85	2.32	3,733.64
	03/10/05	3,798.52	64.45	68.25	3.80	3,733.50
	03/17/05	3,798.52	64.5	68.2	3.70	3,733.47
	03/21/05	3,798.52	64.5	68.65	4.15	3,733.40
	03/23/05	3,798.52	64.75	66.95	2.20	3,733.44
	04/01/05	3,798.52	64.76	66.94	2.18	3,733.43
	05/04/05	3,798.52	64.75	67.23	2.48	3,733.40
	06/21/05	3,798.52	64.69	67.89	3.20	3,733.35
	06/22/05	3,798.52	64.69	67.89	3.20	3,733.35
	07/14/05	3,798.52	64.58	68.71	4.13	3,733.32
	08/19/05	3,798.52	64.9	67.11	2.21	3,733.29
	08/26/05	3,798.52	65.1	66.5	1.40	3,733.21
	09/02/05	3,798.52	65	67.06	2.06	3,733.21
	09/08/05	3,798.52	65.09	66.5	1.41	3,733.22
	09/16/05	3,798.52	65.2	65.48	0.28	3,733.28
	09/20/05	3,798.52	65.02	67.08	2.06	3,733.19
	09/23/05	3,798.52	65.02	67.12	2.10	3,733.19
	09/28/05	3,798.52	65.21	65.93	0.72	3,733.20
	10/05/05	3,798.52	65.24	66.02	0.78	3,733.16
	10/14/05	3,798.52	65.25	66.1	0.85	3,733.14
	10/18/05	3,798.52	65.14	66.44	1.30	3,733.19
	10/27/05	3,798.52	65.22	66.01	0.79	3,733.18
	11/01/05	3,798.52	65.13	66.65	1.52	3,733.16
	11/08/05	3,798.52	65.22	66.19	0.97	3,733.15

TABLE 1

## 2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
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-13	11/15/05	3,798.52	65.27	66.23	0.96	3,733.11
	11/22/05	3,798.52	65.24	66.21	0.97	3,733.13
	11/29/05	3,798.52	65.27	66.18	0.91	3,733.11
	12/09/05	3,798.52	65.24	66.41	1.17	3,733.10
	12/14/05	3,798.52	65.1	66.04	0.94	3,733.28
	12/20/05	3,798.52	65.29	65.98	0.69	3,733.13
	12/22/05	3,798.52	65.29	65.98	0.69	3,733.13
	12/28/05	3,798.52	65.2	66.49	1.29	3,733.13
Tank	08/26/05		4.11	4.43	0.32	
	12/28/05		8.66	9.4	0.74	

\*\* Could not gauge due to excavation

*Elevations based on the North American Vertical Datum of 1929.*



TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
MW-1	03/21/05	Not Sampled Due to Sample Reduction				
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	Not Sampled Due to Insufficient Water After Purge				
MW-2	03/21/05	Not Sampled Due to Sample Reduction				
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-3	03/21/05	0.002	<0.001	<0.001	<0.001	
	06/21/05	<0.005	<0.005	<0.005	<0.005	
	09/20/05	<0.001	<0.001	<0.001	<0.001	
	12/22/05	0.007	<0.001	<0.001	<0.001	
MW-4	03/21/05	Not Sampled Due to Sample Reduction				
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-5	03/21/05	Not Sampled Due to Sample Reduction				
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-6	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	0.0268	<0.005	0.082	0.317	
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
MW-7	03/21/05	Not Sampled Due to Sample Reduction				
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-8	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
MW-9	03/21/05	Not Sampled Due to Sample Reduction				

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
MW-9	06/21/05	0.142	<0.001	<0.001	0.0171	
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	0.17	<0.001	<0.001	0.0324	
MW-10	03/21/05	0.008	<0.001	<0.001	<0.001	
	06/21/05	<0.001	<0.001	<0.001	<0.001	
	09/20/05	0.002	<0.001	<0.001	<0.001	
	12/22/05	0.003	<0.001	<0.001	<0.001	
MW-11	03/21/05	<0.001	<0.001	<0.001	<0.001	
	06/21/05	<0.01	<0.01	<0.01	<0.01	
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-12	03/21/05	Not Sampled Due to Sample Reduction				
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	Not Sampled Due to Sample Reduction				
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-13	03/21/05	<0.001	<0.001	<0.001	<0.001	
	06/21/05	Not Sampled Due to Sample Reduction				
	09/20/05	<0.001	<0.001	<0.001	<0.001	
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-14	03/21/05	0.0063	<0.001	<0.001	<0.001	
	06/21/05	<0.001	<0.001	<0.001	<0.001	
	09/20/05	<0.001	<0.001	<0.001	<0.001	
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-15	01/10/05	<0.001	<0.001	<0.001	<0.001	
	03/21/05	<0.001	<0.001	<0.001	<0.001	
	06/21/05	<0.005	<0.005	<0.005	<0.005	
	09/20/05	<0.001	<0.001	<0.001	<0.001	
	12/22/05	<0.001	<0.001	<0.001	<0.001	
MW-16	01/10/05	<0.001	<0.001	<0.001	<0.001	
	03/21/05	<0.001	<0.001	<0.001	<0.001	
	06/21/05	<0.001	<0.001	<0.001	<0.001	
	09/20/05	<0.001	<0.001	<0.001	<0.001	
	12/22/05	<0.001	<0.001	<0.001	<0.001	

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
RW-1	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-2	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-3	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-4	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-5	03/21/05	0.0021	<0.001	<0.001	0.003	
	06/21/05	<0.001	<0.001	<0.001	0.009	
	09/20/05	<0.005	<0.005	<0.005	0.012	
	12/22/05	<0.001	<0.001	0.003	0.030	
RW-6	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-7	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-8	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-9	03/21/05	Not Sampled Due to PSH in Well				

TABLE 2

## 2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.  
DARR ANGELL 4  
LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/L*

SAMPLE LOCATION	SAMPLE DATE	SW 846-8260b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	0.62	
RW-9	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-10	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-11	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-12	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				
RW-13	03/21/05	Not Sampled Due to PSH in Well				
	06/21/05	Not Sampled Due to PSH in Well				
	09/20/05	Not Sampled Due to PSH in Well				
	12/22/05	Not Sampled Due to PSH in Well				

Note: m, p & o xylenes combined when analyzed by Trace Laboratories, Inc. only  
EB - 1 Denotes equipment blank collected on sample date.

# Appendices

Appendix A:  
Notification of Release and Corrective  
Action (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	Darr Angell # 4	Facility Type:	Steel Pipeline

Surface Owner:	Darr Angell	Mineral Owner		Lease No.	
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### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	11	15S	37E					Lea

Latitude 33 degrees 02' 17.4 N Longitude 103 degrees 10' 04.4" W

### NATURE OF RELEASE

Type of Release:	Crude Oil	Volume of Release:	150 bbls	Volume Recovered	95 bbls
Source of Release:	Steel Pipeline	Date and Hour of Occurrence	02/02/2001	Date and Hour of Discovery	02/02/2001 05:15 AM
Was Immediate Notice Given?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Sylvia Dickey - NMOCD		
By Whom?	Wayne Brunette	Date and Hour	02/02/01 05:20 AM		
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.\* Internal corrosion of the pipeline.

Describe Area Affected and Cleanup Action Taken.\* The impacted soil was excavated and stockpiled on plastic. The aerial extent of surface impact was approximately 80' x 150'.

NOTE: This information was obtained from historical EOTT files, Plains acquired EOTT/Link on April 1, 2004 and Plains assumes this information to be correct.

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			
Title: Remediation Coordinator	Approval Date:	Expiration Date:	
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