

AP - 007

ANNUAL MONITORING REPORT

YEAR(S):
2004



2004
ANNUAL MONITORING REPORT

DARR ANGELL 1
LEA COUNTY, NEW MEXICO
NW ¼ SE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: DARR ANGELL 1

Prepared For:

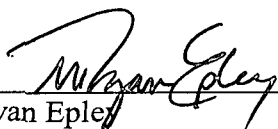


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April, 2005


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ENCLOSED ON DATA DISK

2004 Annual Monitoring Report

2004 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data

2004 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 2004 only. However, historic data tables as well as 2004 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 2004 to assess the levels and extent of dissolved phase and phase separated hydrocarbon (PSH) constituents. 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 $\frac{1}{4}$ SE $\frac{1}{4}$ Section 11, Township 15 South, Range 37 East. The release was discovered by Link Energy (formerly 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. Following completion of pipeline repair actions, approximately 1,650 cubic yards of impacted soil that was excavated during pipeline repair actions was transported to and disposed of at the Rhino Environmental Services Landfill, Lovington, New Mexico.

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. A pneumatic product recovery system operated on-site through July of 2004. Currently product is being recovered manually. A work plan is in place for automatic product recovery and should be implemented in the Spring of 2005.

FIELD ACTIVITIES

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:

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	Annually	MW-16	Annually	RW-5	Quarterly
MW-6	Annually	MW-17	Quarterly	RW-6	Quarterly
MW-7	Semi-Annually	MW-18	Quarterly	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	RW10	Quarterly
MW-11	Annually			RW-11	Quarterly

The site monitor wells were gauged and sampled on the following dates in 2004: March 10th, May 24th, September 1st, and December 16th. 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 2004 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 0.0016 ft./ft. to the southeast as measured between groundwater monitor wells MW-3 and MW-6. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevation has ranged between 3728.21 and 3731.12 feet above mean sea level, in MW-19 on September 1, 2004 and MW-11 on June 16, 2004, respectively.

The average thickness of PSH in the recovery wells during 2004 was 8.64 feet, with a maximum thickness of 11.61 feet occurring in RW-5 on June 16, 2004. The average thickness of PSH in monitor wells displaying PSH was 4.76 feet, with a maximum thickness of 9.42 feet occurring in MW-1 on December 16, 2004. Approximately 2,850 gallons of PSH was recovered from the site during the 2004 reporting period. A total of approximately 7,480 gallons 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.

NOVA installed monitor well MW-21 on December 11, 2004 in order to further delineate the impact to soil and groundwater at the site. No gauging information is available prior to 2005.

LABORATORY RESULTS

Groundwater samples collected during the first three quarterly monitoring events were delivered to AnalySys Inc., Austin, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8260b. Fourth quarter sample analysis was performed by Trace Analysis, Inc., of Lubbock, Texas for determination of BTEX constituent concentrations by EPA Method SW846-8021b. A listing of BTEX constituent concentrations for 2004 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 concentrations are depicted on Figures 3A-3D.

Review of laboratory analytical results of the groundwater samples obtained during the 2004 monitoring period indicate that the benzene and BTEX 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 well MW-12 is above NMOCD regulatory standard while total BTEX concentrations are below NMOCD regulatory standards. However, measurable amounts of PSH were detected in monitor wells MW-1 through MW-3, MW-5, MW-6, MW-8 through MW-11, MW-13, MW-14 and in all recovery wells (RW-1 through RW-11) during the 2004 reporting period.

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 2004 annual monitoring period. NOVA installed monitor well MW-21 on December 11, 2004. 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. A pneumatic product recovery system operated on-site through July of 2004. Currently, product is being recovered manually. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0016 ft./ft. to the southeast.

As discussed above, twenty two (22) monitor and recovery wells contained measurable thicknesses of PSH during the reporting period. Approximately 2,850 gallons of PSH was recovered from the site during the 2004 reporting period. A total of approximately 7,480 gallons of PSH has been recovered since the start of product recovery. No trends with respect to changing PSH thicknesses are apparent from the data.

Review of laboratory analytical results of the groundwater samples obtained during the 2004 monitoring period indicate the benzene and BTEX concentrations are below applicable NMOCD standards in ten (10) of the thirty-two (32) monitor and recovery wells currently on-site. The remaining twenty three (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 2004. Of the nine (9) monitor wells sampled in 2004, only MW-12 displayed concentrations of BTEX constituents above the NMOCD regulatory standard. Dissolved phase impact appears to be limited to monitor well MW-12 and to those monitor wells which exhibit PSH.

The Release Notification and Corrective Action Form (C-141) is provided as Appendix A.

ANTICIPATED ACTIONS

A work plan is currently in place to implement an automatic product recovery system, a combination of total fluids and skimmer pumps, to reduce the amounts of PSH present at the site. NOVA anticipates system installation commencement in the Spring of 2005. However, given the amounts of PSH displayed in the various interior monitor wells, a leak zone investigation appears to be warranted and would provide valuable 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. Additionally, samples collected during the installation of MW-21 indicate impact to both soil and groundwater in this area. Additional drilling may be required to fully 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 2005.

Although all monitor wells along the southern perimeter of the leak zone are considered necessary for future monitoring, Plains requests monitor well MW-18 be placed on an annual sampling schedule based on the lack of a detectable concentration of dissolved phase impact in eight (8) consecutive quarters since 2002.

LIMITATIONS

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

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

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

DISTRIBUTION

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Figures



NOVA
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Location

NW1/4 SE1/4 Sec 11 T15S R37E

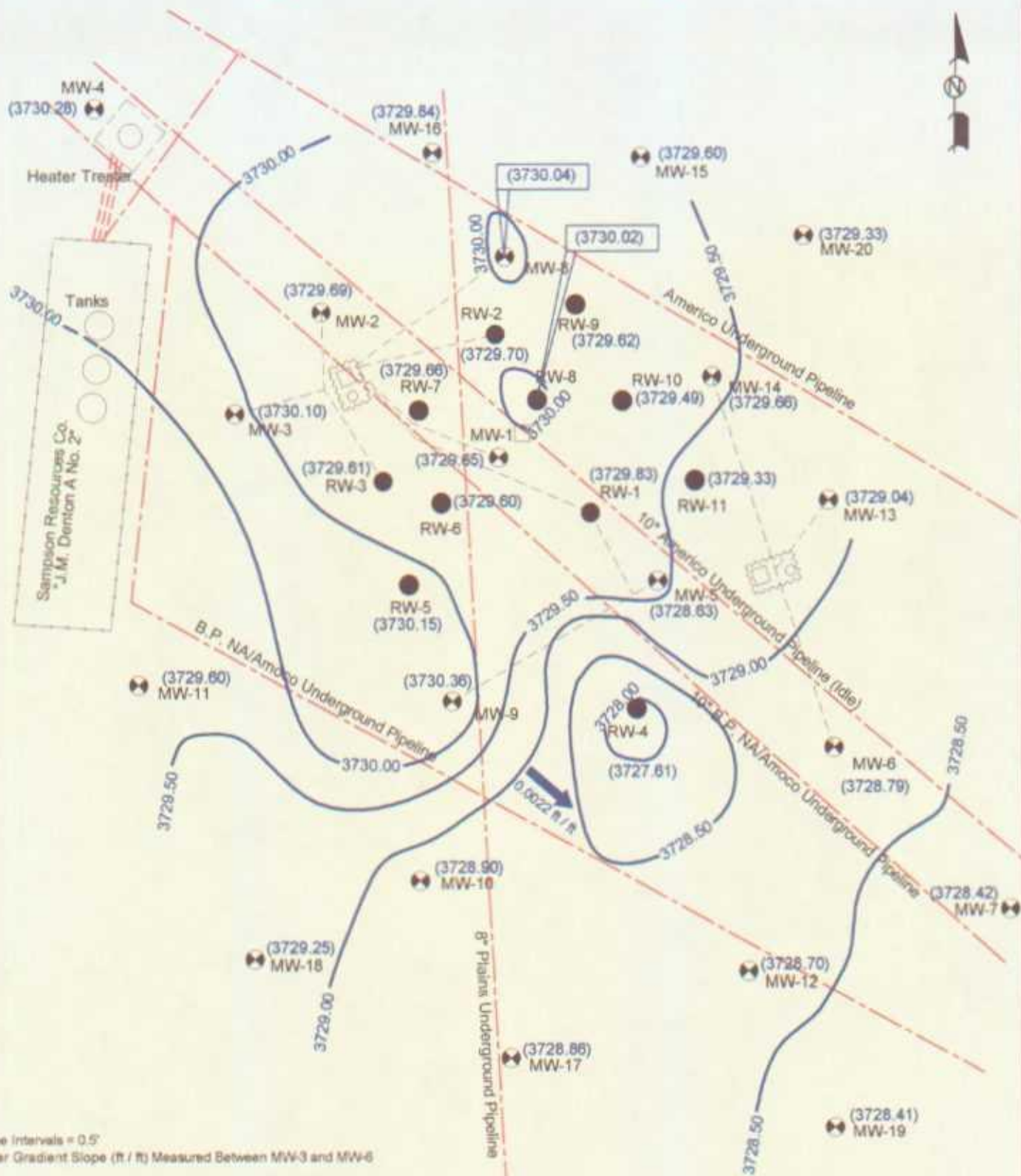
Lat. 33° 01' 36.0"N

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

Scale: 1"=2000' Prep By: DPM Checked By: MRE
February 15, 2005



NOTE:
 • Contour Line Intervals = 0.5'
 • Groundwater Gradient Slope (ft / ft) Measured Between MW-3 and MW-6



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LEGEND:
 • Monitoring Well Location
 • Recovery Well Location
 --- Product/Recovery Line
 □ Shed
 ○ Poly Tank
 → Groundwater Gradient Direction and Magnitude
 --- Groundwater Elevation Contour Line (Feet)
 [] Bermed Containment Area

Figure 2A
 Inferred Groundwater
 Gradient Map 3-10-04
 Plains Marketing, L.P.
 Darr Angell #1
 Lea County, NM

NOVA Safety and Environmental

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: MRE
 January 28, 2005

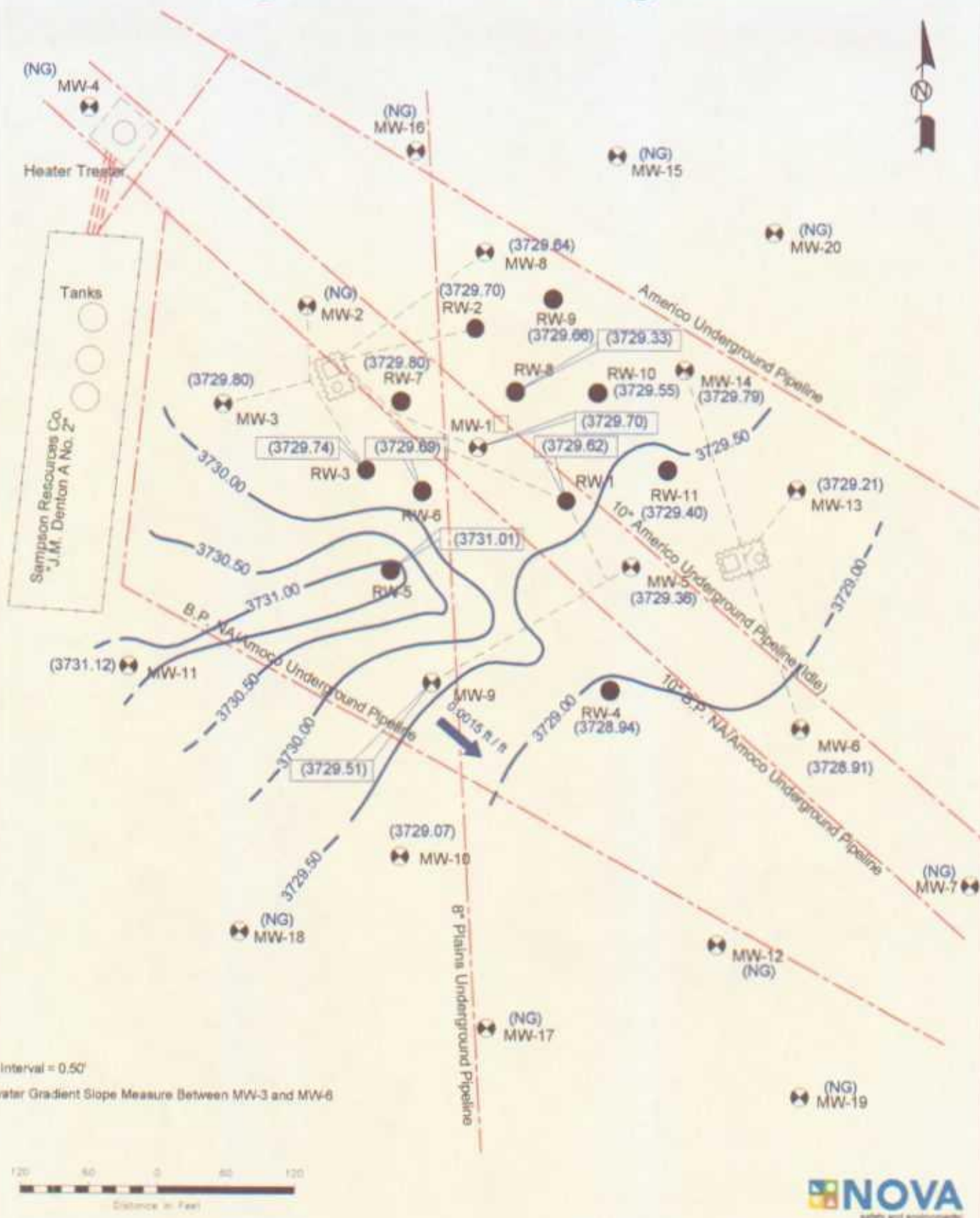




Figure 2C
Inferred Groundwater
Gradient Map 9-1-04
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

NOVA Safety and Environmental

NW1/4 SE1/4 Sec 11 T15S R37E 33° 01' 36.0"N 103° 10' 00.7"W

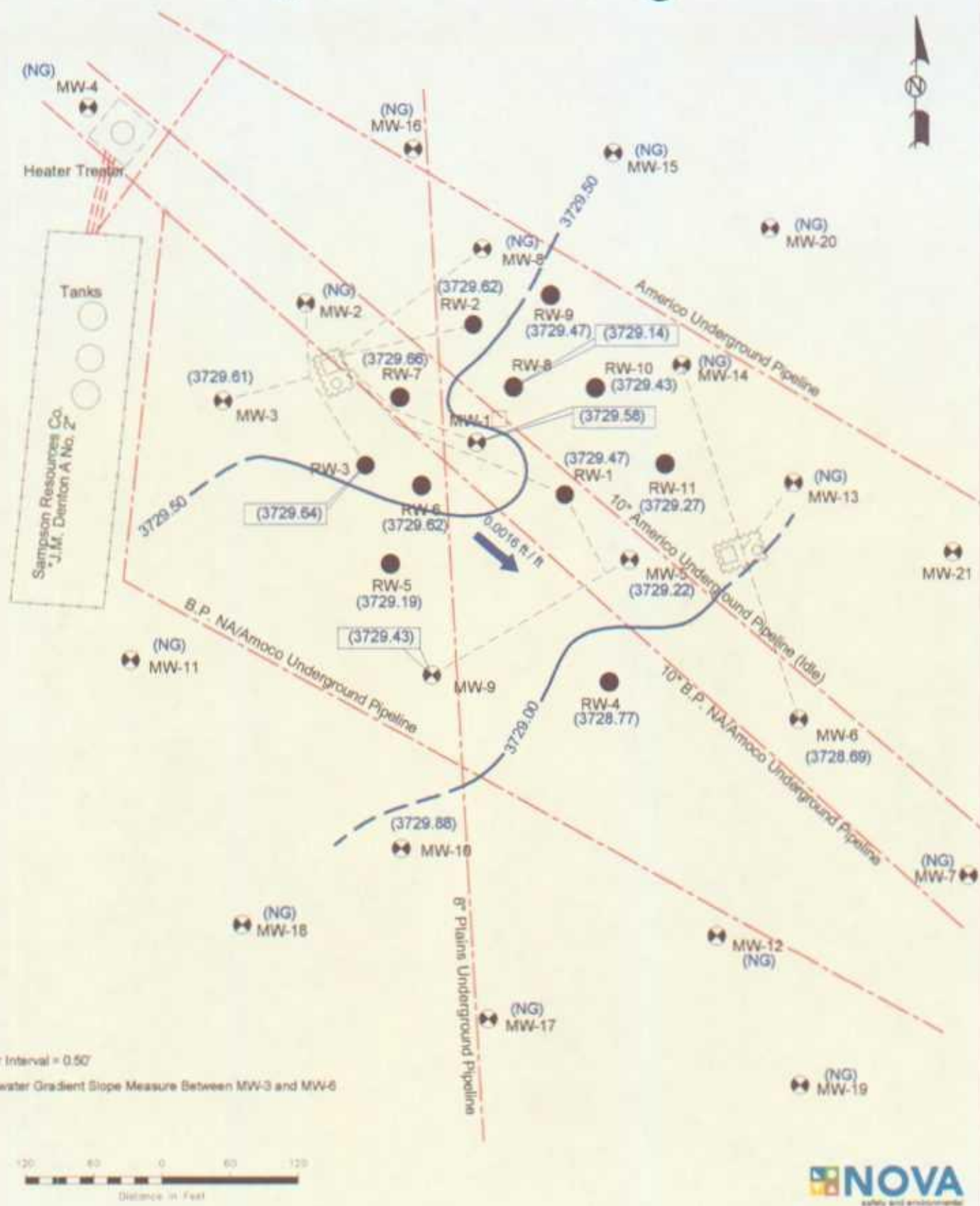
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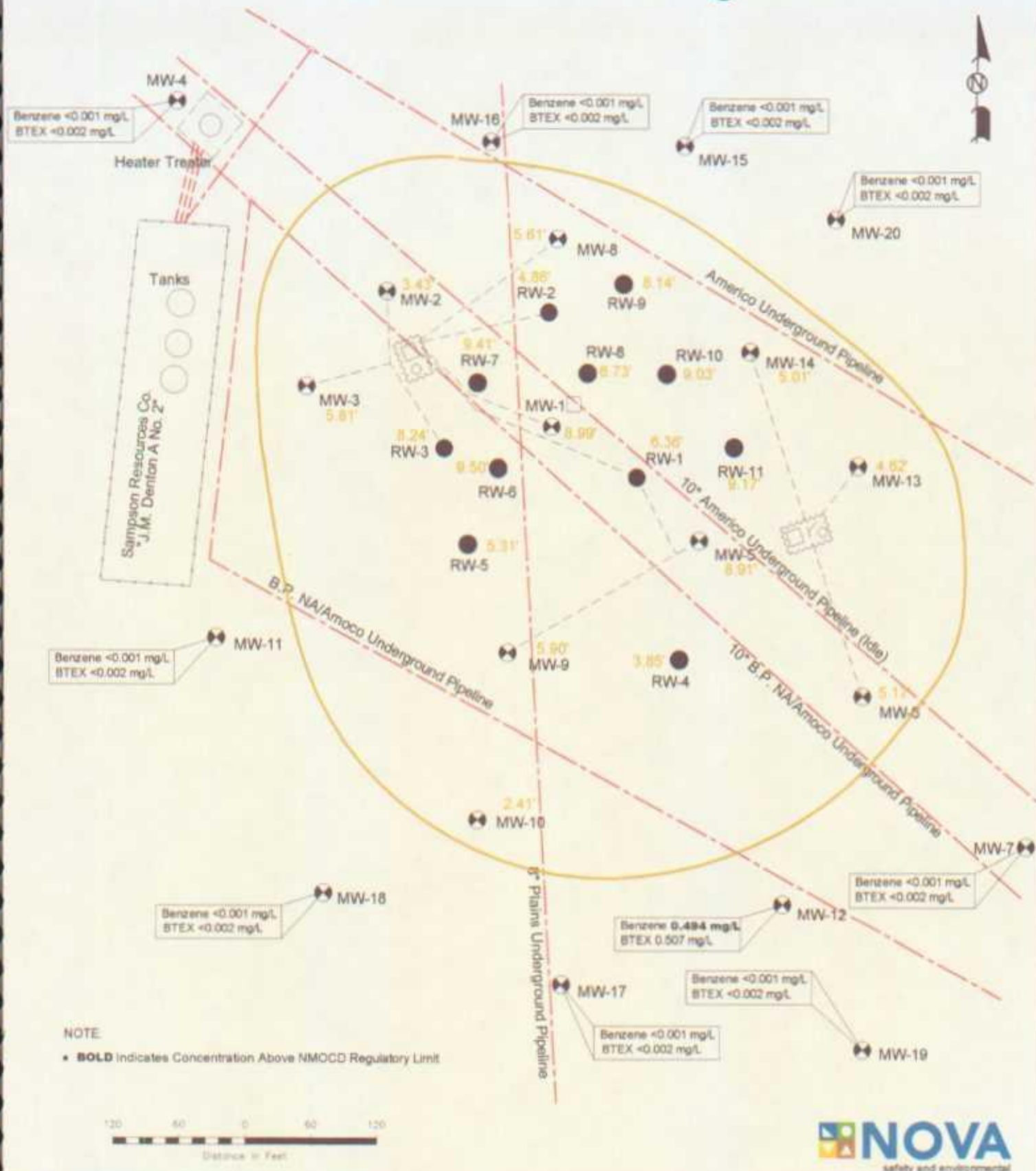
Prep By: DPM

Checked By: MRE

January 28, 2005

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LEGEND

- Monitor Well Location
- Recovery Well Location
- Product/Recovery Line
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- 2.41' Thickness of PSH (feet)
- Bermed Containment Area
- Shed
- Poly Tank

Figure 3A
Groundwater Concentration
and Inferred PSH Extent
Map (3/10/04)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

NOVA Safety and Environmental

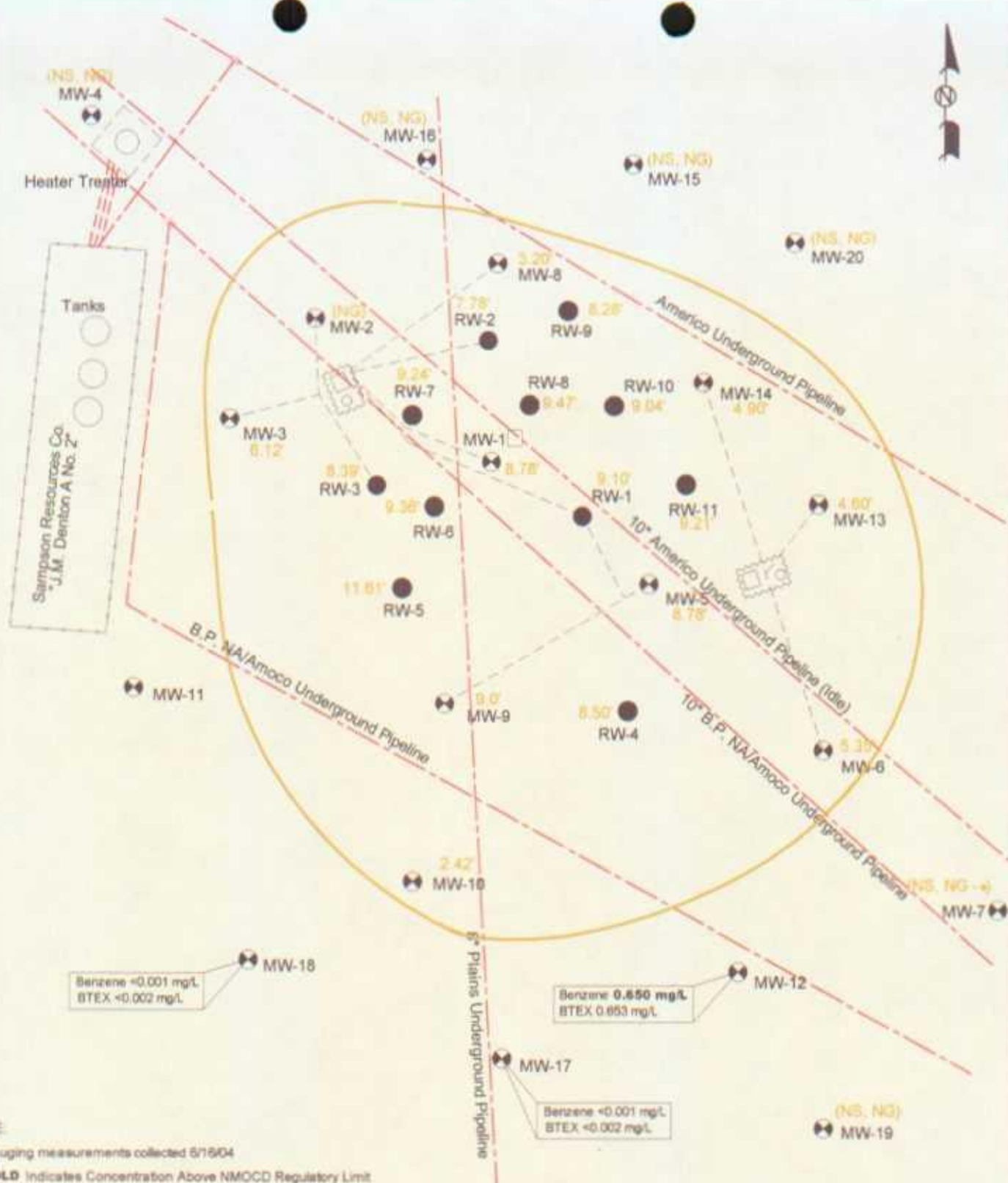
NW1/4 SE1/4 Sec 11 T15S R37E 33° 01' 36.0"N 103° 10' 00.7"W

Scale: 1"=120'

Prep By: DPM

Checked By: MRE

February 7, 2005



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NOVA Safety and Environmental

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: MRE

February 7, 2005

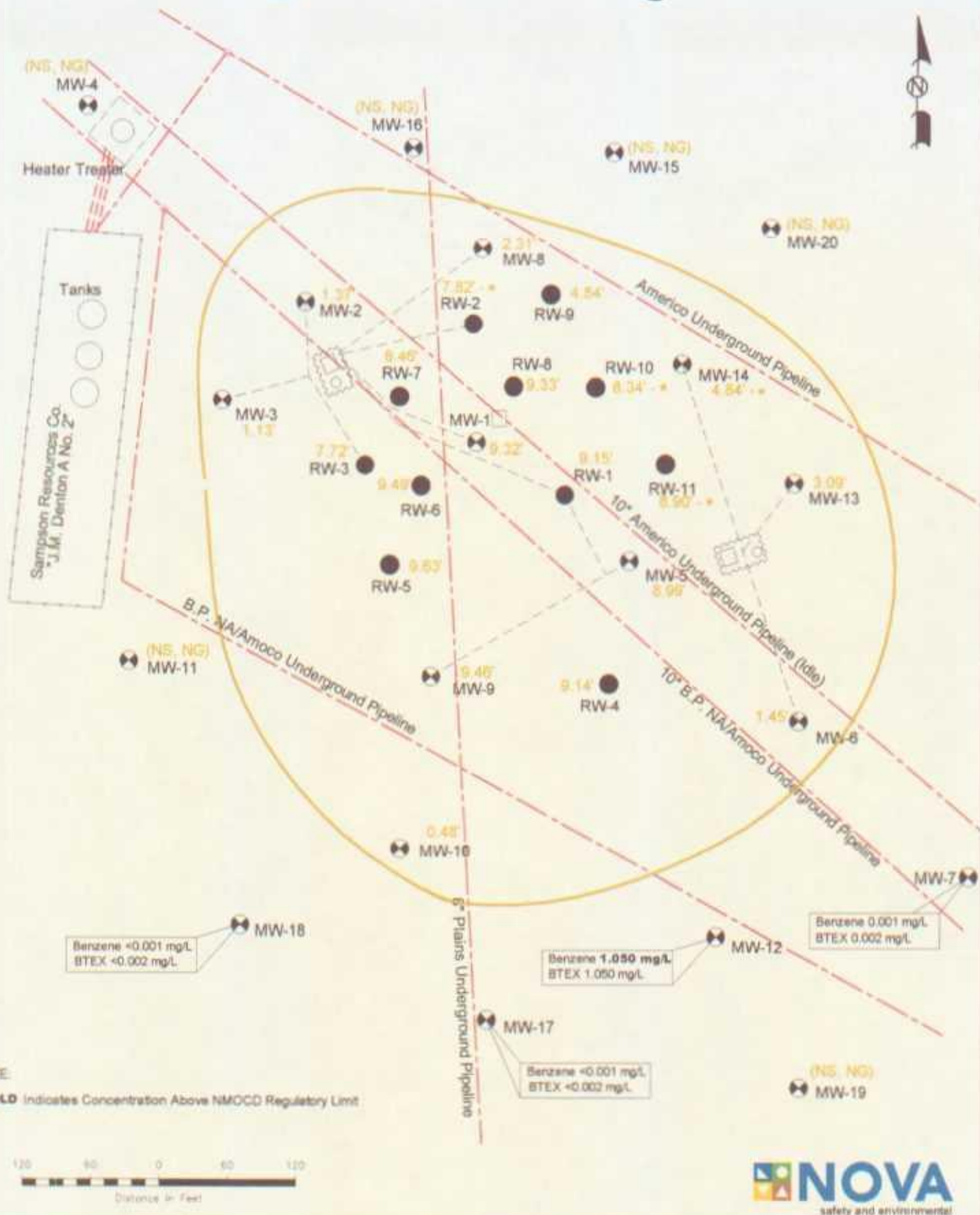


Figure 3C
Groundwater Concentration
and Inferred PSH Extent
Map (9/1/04)
Plains Marketing, L.P.
Darr Angeli #1
Lea County, NM

NOVA Safety and Environmental

NW1/4 SE1/4 Sec 11 T15S R37E 33° 01' 26.0"N 103° 10' 00.7"W

Scale: 1"=120'

Prep By: DPM

Checked By: MRE

February 7, 2005

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

Heater Treater

Tanks

Sampson Resources Co.
J.M. Denton A No. 2

MW-16

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

MW-15

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

MW-20

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

MW-8

4.34

RW-2

3.07

RW-9

6.87

RW-8

9.43

RW-10

8.74

MW-14

4.82

MW-3

2.43

RW-3

8.72

RW-6

9.38

RW-5

9.86

MW-9

9.88

RW-1

9.21

RW-11

9.05

MW-13

3.51

MW-11

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

MW-10

0.67

RW-4

9.20

MW-6

4.25

MW-7

Benzene 0.001 mg/L
BTEX 0.001 mg/L

MW-18

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

MW-17

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

MW-12

Benzene 1.200 mg/L
BTEX 1.200 mg/L

MW-19

Benzene 0.001 mg/L
BTEX 0.001 mg/L

NOTE

- **BOLD** Indicates Concentration Above NMOC Regulatory Limit
- MW-21 installed at location PMW on 12/11/04



LEGEND Monitor Well Location Recovery Well Location Product/Recovery Line Inferred PSH Extent <0.001 Constituent Concentration (mg/L) 0.42" Thickness of PSH (feet)	Bermed Containment Area Shed Poly Tank Indicates PSH Measured 12/19/04
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Figure 3D
Groundwater Concentration
and Inferred PSH Extent
Map (12/16/04)
Plains Marketing, L.P.
Darr Angell #1
Lea County, NM

NOVA Safety and Environmental		
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: MRE
March 18, 2005		



Tables

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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	01/09/04	3787.62	57.82	60.19	2.37	3729.44
	01/21/04	3787.62	57.28	61.42	4.14	3729.72
	03/10/04	3787.62	56.62	65.61	8.99	3729.65
	03/18/04	3787.62	58.48	59.31	0.83	3729.02
	04/20/04	3787.62	56.90	56.99	0.09	3730.71
	06/16/04	3787.62	56.60	65.38	8.78	3729.70
	07/06/04	3787.62	56.52	65.78	9.26	3729.71
	07/14/04	3787.62	56.53	65.75	9.22	3729.71
	07/22/04	3787.62	56.53	64.78	8.25	3729.85
	08/03/04	3787.62	56.55	64.78	8.23	3729.84
	08/05/04	3787.62	56.55	64.78	8.23	3729.84
	08/10/04	3787.62	56.60	66.00	9.40	3729.61
	08/18/04	3787.62	56.60	65.95	9.35	3729.62
	09/01/04	3787.62	56.63	65.95	9.32	3729.59
	09/09/04	3787.62	56.63	65.95	9.32	3729.59
	09/22/04	3787.62	56.68	65.90	9.22	3729.56
	11/12/04	3787.62	56.58	66.03	9.45	3729.62
	12/04/04	3787.62	56.62	66.02	9.40	3729.59
	12/16/04	3787.62	56.63	66.05	9.42	3729.58
MW - 2	01/09/04	3788.19	58.19	61.52	3.33	3729.50
	01/21/04	3788.19	58.30	61.47	3.17	3729.41
	03/10/04	3788.19	57.99	61.42	3.43	3729.69
	03/18/04	3788.19	58.25	62.28	4.03	3729.34
	04/20/04	3788.19	58.70	59.22	0.52	3729.41
	07/06/04	3788.19	57.78	62.18	4.40	3729.75
	07/14/04	3788.19	57.78	62.16	4.38	3729.75
	07/22/04	3788.19	57.67	62.49	4.82	3729.80
	08/03/04	3788.19	57.66	62.49	4.83	3729.81
	08/05/04	3788.19	57.66	62.49	4.83	3729.81
	08/10/04	3788.19	57.66	63.20	5.54	3729.70
	08/18/04	3788.19	58.30	59.98	1.68	3729.64
	09/01/04	3788.19	58.36	59.73	1.37	3729.62
	09/09/04	3788.19	58.29	60.14	1.85	3729.62
	09/22/04	3788.19	58.75	59.30	0.55	3729.36
	11/12/04	3788.19	58.22	60.20	1.98	3729.67
	12/04/04	3788.19	58.09	61.20	3.11	3729.63
	12/19/04	3788.19	58.00	61.63	3.63	3729.65
MW - 3	01/09/04	3789.03	58.40	63.34	4.94	3729.89
	01/21/04	3789.03	58.42	63.30	4.88	3729.88
	03/10/04	3789.03	58.06	63.87	5.81	3730.10
	03/18/04	3789.03	58.39	64.36	5.97	3729.74
	04/20/04	3789.03	58.70	64.51	5.81	3729.46
	06/16/04	3789.03	58.31	64.43	6.12	3729.80
	07/06/04	3789.03	58.31	64.46	6.15	3729.80
	07/14/04	3789.03	58.29	64.48	6.19	3729.81
	07/22/04	3789.03	58.35	64.48	6.13	3729.76
	08/03/04	3789.03	58.36	64.49	6.13	3729.75
	08/05/04	3789.03	58.36	64.49	6.13	3729.75
	08/10/04	3789.03	58.98	64.62	5.64	3729.20
	08/18/04	3789.03	59.17	60.86	1.69	3729.61
	09/01/04	3789.03	59.29	60.42	1.13	3729.57
	09/09/04	3789.03	59.22	60.69	1.47	3729.59

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	09/22/04	3789.03	59.41	59.90	0.49	3729.55
	11/12/04	3789.03	59.20	60.00	0.80	3729.71
	12/04/04	3789.03	59.14	61.21	2.07	3729.58
	12/16/04	3789.03	59.06	61.49	2.43	3729.61
MW - 4	03/10/04	3790.06	-	59.78	0.00	3730.28
	09/01/04	3790.06	-	59.97	0.00	3730.09
	12/20/04	3790.06	-	60.00	0.00	3730.06
MW - 5	01/09/04	3787.47	56.72	65.51	8.79	3729.43
	01/21/04	3787.47	56.69	64.18	7.49	3729.66
	03/10/04	3787.47	56.50	65.41	8.91	3729.63
	03/18/04	3787.47	56.80	65.79	8.99	3729.32
	04/20/04	3787.47	57.14	65.99	8.85	3729.00
	06/16/04	3787.47	56.79	65.57	8.78	3729.36
	07/06/04	3787.47	56.80	65.73	8.93	3729.33
	07/14/04	3787.47	56.82	65.71	8.89	3729.32
	07/22/04	3787.47	56.82	65.78	8.96	3729.31
	08/03/04	3787.47	56.81	65.77	8.96	3729.32
	08/05/04	3787.47	56.81	65.77	8.96	3729.32
	08/11/04	3787.47	56.89	65.88	8.99	3729.23
	09/01/04	3787.47	56.90	65.89	8.99	3729.22
	09/09/04	3787.47	56.90	65.85	8.95	3729.23
	09/22/04	3787.47	56.90	66.80	9.90	3729.09
	11/12/04	3787.47	56.82	65.85	9.03	3729.30
	12/04/04	3787.47	56.88	65.90	9.02	3729.24
	12/16/04	3787.47	56.90	65.89	8.99	3729.22
MW - 6	01/09/04	3786.81	57.29	62.20	4.91	3728.78
	01/21/04	3786.81	57.18	62.04	4.86	3728.90
	03/10/04	3786.81	57.24	62.41	5.17	3728.79
	03/18/04	3786.81	57.51	63.19	5.68	3728.45
	04/20/04	3786.81	57.59	60.21	2.62	3728.83
	06/16/04	3786.81	57.10	62.45	5.35	3728.91
	07/06/04	3786.81	57.09	62.92	5.83	3728.85
	07/14/04	3786.81	57.07	62.95	5.88	3728.86
	07/22/04	3786.81	57.12	62.91	5.79	3728.82
	08/03/04	3786.81	57.11	62.91	5.80	3728.83
	08/05/04	3786.81	57.11	62.91	5.80	3728.83
	08/11/04	3786.81	57.20	63.10	5.90	3728.73
	09/01/04	3786.81	58.00	59.45	1.45	3728.59
	09/09/04	3786.81	58.08	59.57	1.49	3728.51
	09/22/04	3786.81	57.80	60.30	2.50	3728.64
	11/12/04	3786.81	57.60	60.90	3.30	3728.72
	12/04/04	3786.81	58.10	61.22	3.12	3728.24
	12/16/04	3786.81	57.48	61.73	4.25	3728.69
MW - 7	03/10/04	3786.82	-	58.40	0.00	3728.42
	08/03/04	3786.82	-	58.55	0.00	3728.27
	09/01/04	3786.82	-	58.60	0.00	3728.22
	12/20/04	3786.82	-	58.58	0.00	3728.24
MW - 8	01/09/04	3788.24	57.56	63.27	5.71	3729.82
	01/21/04	3788.24	57.50	63.18	5.68	3729.89
	03/10/04	3788.24	57.36	62.97	5.61	3730.04

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	03/18/04	3788.24	57.89	62.77	4.88	3729.62
	04/20/04	3788.24	58.30	59.16	0.86	3729.81
	06/16/04	3788.24	58.12	61.32	3.20	3729.64
	07/06/04	3788.24	57.82	62.75	4.93	3729.68
	07/14/04	3788.24	57.79	62.76	4.97	3729.70
	07/22/04	3788.24	57.73	62.70	4.97	3729.76
	08/03/04	3788.24	57.76	62.69	4.93	3729.74
	08/05/04	3788.24	57.76	62.69	4.93	3729.74
	08/10/04	3788.24	57.72	63.80	6.08	3729.61
	08/18/04	3788.24	59.20	61.60	2.40	3728.68
	09/01/04	3788.24	58.41	60.72	2.31	3729.48
	09/09/04	3788.24	58.46	60.46	2.00	3729.48
	09/22/04	3788.24	58.52	60.25	1.73	3729.46
	11/12/04	3788.24	58.02	62.41	4.39	3729.56
	12/04/04	3788.24	57.81	63.46	5.65	3729.58
	12/19/04	3788.24	58.06	62.40	4.34	3729.53
MW - 9	01/09/04	3788.33	57.29	66.81	9.52	3729.61
	01/21/04	3788.33	57.31	66.69	9.38	3729.61
	03/10/04	3788.33	57.09	62.99	5.90	3730.36
	03/18/04	3788.33	57.33	67.11	9.78	3729.53
	04/20/04	3788.33	57.40	58.13	0.73	3730.82
	06/16/04	3788.33	57.47	66.47	9.00	3729.51
	07/06/04	3788.33	57.74	66.14	8.40	3729.33
	07/14/04	3788.33	57.73	66.17	8.44	3729.33
	07/22/04	3788.33	57.42	66.92	9.50	3729.49
	08/03/04	3788.33	57.42	66.92	9.50	3729.49
	08/05/04	3788.33	57.44	66.92	9.48	3729.47
	08/10/04	3788.33	57.45	67.04	9.59	3729.44
	08/18/04	3788.33	57.50	67.03	9.53	3729.40
	09/01/04	3788.33	57.50	66.96	9.46	3729.41
	09/09/04	3788.33	57.81	66.97	9.16	3729.15
	09/22/04	3788.33	57.53	66.95	9.42	3729.39
	11/12/04	3788.33	57.42	67.05	9.63	3729.47
	12/04/04	3788.33	57.45	67.13	9.68	3729.43
	12/16/04	3788.33	57.45	67.14	9.69	3729.43
MW - 10	01/09/04	3788.46	59.51	60.27	0.76	3728.84
	01/21/04	3788.46	59.47	60.00	0.53	3728.91
	03/10/04	3788.46	59.20	61.61	2.41	3728.90
	03/18/04	3788.46	59.50	61.47	1.97	3728.66
	04/20/04	3788.46	59.54	60.00	0.46	3728.85
	06/16/04	3788.46	59.03	61.45	2.42	3729.07
	07/06/04	3788.46	59.02	61.55	2.53	3729.06
	07/14/04	3788.46	59.05	61.54	2.49	3729.04
	07/22/04	3788.46	59.03	61.65	2.62	3729.04
	08/03/04	3788.46	59.05	61.65	2.60	3729.02
	08/05/04	3788.46	59.05	61.65	2.60	3729.02
	08/10/04	3788.46	59.04	61.80	2.76	3729.01
	08/18/04	3788.46	59.05	61.86	2.81	3728.99
	09/01/04	3788.46	59.52	60.00	0.48	3728.87
	09/09/04	3788.46	59.51	59.94	0.43	3728.89
	09/22/04	3788.46	59.55	59.82	0.27	3728.87
	11/12/04	3788.46	59.80	60.18	0.38	3728.60

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	12/04/04	3788.46	59.44	60.19	0.75	3728.91
	12/16/04	3788.46	59.48	60.15	0.67	3728.88
MW - 11	03/10/04	3789.55	-	59.95	0.00	3729.60
	06/16/04 **	3789.55	57.92	61.35	3.43	3731.12
	08/03/04	3789.55	-	60.90	0.00	3728.65
	09/01/04	3789.55	-	60.13	0.00	3729.42
	12/20/04	3789.55	-	60.14	0.00	3729.41
MW - 12	03/10/04	3787.81	-	59.11	0.00	3728.70
	08/03/04	3787.81	-	59.28	0.00	3728.53
	09/01/04	3787.81	-	59.32	0.00	3728.49
	12/20/04	3787.81	-	59.30	0.00	3728.51
MW - 13	01/09/04	3788.55	59.18	61.06	1.88	3729.09
	01/21/04	3788.55	59.16	61.10	1.94	3729.10
	03/10/04	3788.55	58.82	63.44	4.62	3729.04
	03/18/04	3788.55	59.10	63.80	4.70	3728.75
	04/20/04	3788.55	59.10	63.91	4.81	3728.73
	06/16/04	3788.55	58.65	63.25	4.60	3729.21
	07/06/04	3788.55	58.64	63.23	4.59	3729.22
	07/14/04	3788.55	58.62	63.20	4.58	3729.24
	07/22/04	3788.55	57.70	63.30	5.60	3730.01
	08/03/04	3788.55	57.72	66.29	8.57	3729.54
	08/05/04	3788.55	57.72	66.29	8.57	3729.54
	08/10/04	3788.55	59.01	float in well		
	09/01/04	3788.55	59.20	62.29	3.09	3728.89
	09/09/04	3788.55	59.35	61.50	2.15	3728.88
	09/22/04	3788.55	59.45	61.20	1.75	3728.84
	11/12/04	3788.55	58.79	63.50	4.71	3729.05
	12/04/04	3788.55	58.74	63.33	4.59	3729.12
	12/19/04	3788.55	58.79	62.30	3.51	3729.23
MW - 14	01/09/04	3788.72	58.54	63.67	5.13	3729.41
	01/21/04	3788.72	58.50	63.69	5.19	3729.44
	03/10/04	3788.72	58.31	63.32	5.01	3729.66
	03/18/04	3788.72	58.60	63.68	5.08	3729.36
	04/20/04	3788.72	58.60	63.70	5.10	3729.36
	06/16/04	3788.72	58.20	63.10	4.90	3729.79
	07/06/04	3788.72	58.22	67.96	9.74	3729.04
	07/14/04	3788.72	58.27	62.90	4.63	3729.76
	07/22/04	3788.72	58.23	63.06	4.83	3729.77
	08/03/04	3788.72	58.24	63.05	4.81	3729.76
	08/05/04	3788.72	58.24	63.05	4.81	3729.76
	08/10/04	3788.72	58.28	63.16	4.88	3729.71
	09/02/04	3788.72	58.31	63.15	4.84	3729.68
	09/09/04	3788.72	58.30	63.15	4.85	3729.69
	09/22/04	3788.72	58.30	63.20	4.90	3729.69
	11/12/04	3788.72	58.28	63.15	4.87	3729.71
	12/04/04	3788.72	58.30	63.14	4.84	3729.69
	12/19/04	3788.72	58.32	63.14	4.82	3729.68
MW - 15	03/10/04	3788.95	-	59.35	0.00	3729.60
	08/03/04	3788.95	-	59.33	0.00	3729.62

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	09/01/04	3788.95	-	59.56	0.00	3729.39
	12/20/04	3788.95	-	59.59	0.00	3729.36
MW - 16	03/10/04	3789.61	-	59.77	0.00	3729.84
	08/03/04	3789.61	-	59.94	0.00	3729.67
	09/01/04	3789.61	-	59.98	0.00	3729.63
	12/20/04	3789.61	-	60.00	0.00	3729.61
MW - 17	03/10/04	3787.95	-	59.09	0.00	3728.86
	08/03/04	3787.95	-	59.23	0.00	3728.72
	09/01/04	3787.95	-	59.28	0.00	3728.67
	12/20/04	3787.95	-	59.30	0.00	3728.65
MW - 18	03/10/04	3788.82	-	59.57	0.00	3729.25
	08/03/04	3788.82	-	59.73	0.00	3729.09
	09/01/04	3788.82	-	59.78	0.00	3729.04
	12/20/04	3788.82	-	59.77	0.00	3729.05
MW - 19	03/10/04	3787.51	-	59.10	0.00	3728.41
	08/03/04	3787.51	-	59.25	0.00	3728.26
	09/01/04	3787.51	-	59.30	0.00	3728.21
	12/20/04	3787.51	-	59.29	0.00	3728.22
MW - 20	03/10/04	3788.53	-	59.20	0.00	3729.33
	08/03/04	3788.53	-	59.38	0.00	3729.15
	09/01/04	3788.53	-	69.42	0.00	3719.11
	12/20/04	3788.53	-	59.45	0.00	3729.08
RW - 1	01/09/04	3788.33	57.28	61.39	4.11	3730.43
	01/21/04	3788.33	57.79	60.21	2.42	3730.18
	03/10/04	3788.33	57.55	63.91	6.36	3729.83
	03/18/04	3788.33	57.75	66.99	9.24	3729.19
	04/20/04	3788.33	57.70	58.14	0.44	3730.56
	06/16/04	3788.33	57.35	66.45	9.10	3729.62
	07/06/04	3788.33	57.38	66.49	9.11	3729.58
	07/14/04	3788.33	57.34	66.51	9.17	3729.61
	07/22/04	3788.33	57.42	65.22	7.80	3729.74
	08/03/04	3788.33	57.43	66.90	9.47	3729.48
	08/05/04	3788.33	57.43	66.90	9.47	3729.48
	08/11/04	3788.33	57.45	66.58	9.13	3729.51
	09/01/04	3788.33	57.50	66.65	9.15	3729.46
	09/09/04	3788.33	57.50	66.65	9.15	3729.46
	09/22/04	3788.33	57.60	66.64	9.04	3729.37
	11/12/04	3788.33	57.45	66.70	9.25	3729.49
	12/04/04	3788.33	57.46	66.72	9.26	3729.48
	12/16/04	3788.33	57.48	66.69	9.21	3729.47
RW - 2	01/09/04	3788.98	58.41	58.62	0.21	3730.54
	01/21/04	3788.98	58.55	58.60	0.05	3730.42
	03/10/04	3788.98	58.28	63.14	4.86	3729.97
	03/18/04	3788.98	58.42	66.49	8.07	3729.35
	04/20/04	3788.98	58.90	59.19	0.29	3730.04
	06/16/04	3788.98	58.11	65.89	7.78	3729.70
	07/06/04	3788.98	58.05	65.92	7.87	3729.75

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	07/14/04	3788.98	58.60	65.89	7.29	3729.29
	07/22/04	3788.98	58.07	65.95	7.88	3729.73
	08/03/04	3788.98	58.08	65.94	7.86	3729.72
	08/05/04	3788.98	58.08	65.94	7.86	3729.72
	08/10/04	3788.98	58.12	66.20	8.08	3729.65
	08/18/04	3788.98	58.16	66.08	7.92	3729.63
	09/02/04	3788.98	58.17	65.99	7.82	3729.64
	09/09/04	3788.98	58.20	65.90	7.70	3729.63
	09/22/04	3788.98	58.28	63.20	4.92	3729.96
	11/12/04	3788.98	58.10	66.18	8.08	3729.67
	12/04/04	3788.98	58.11	66.20	8.09	3729.66
	12/19/04	3788.98	58.16	66.19	8.03	3729.62
RW - 3	01/09/04	3788.95	59.90	60.02	0.12	3729.03
	01/21/04	3788.95	59.74	59.99	0.25	3729.17
	03/10/04	3788.95	58.10	66.34	8.24	3729.61
	03/18/04	3788.95	58.30	66.87	8.57	3729.36
	04/20/04	3788.95	59.70	60.40	0.70	3729.15
	06/16/04	3788.95	57.95	66.34	8.39	3729.74
	07/06/04	3788.95	57.89	66.36	8.47	3729.79
	07/14/04	3788.95	57.92	66.34	8.42	3729.77
	07/22/04	3788.95	57.93	66.41	8.48	3729.75
	08/03/04	3788.95	57.96	64.42	6.46	3730.02
	08/05/04	3788.95	57.96	64.42	6.46	3730.02
	08/10/04	3788.95	58.98	66.83	7.85	3728.79
	08/18/04	3788.95	58.15	65.91	7.76	3729.64
	09/01/04	3788.95	58.18	65.90	7.72	3729.61
	09/09/04	3788.95	58.27	65.53	7.26	3729.59
	09/22/04	3788.95	58.30	65.40	7.10	3729.59
	11/12/04	3788.95	57.96	66.78	8.82	3729.67
	12/04/04	3788.95	57.95	66.84	8.89	3729.67
	12/16/04	3788.95	58.00	66.72	8.72	3729.64
RW - 4	01/09/04	3788.15	57.81	64.39	6.58	3729.35
	01/21/04	3788.15	57.83	64.31	6.48	3729.35
	03/10/04	3788.15	59.70	63.55	3.85	3727.87
	03/18/04	3788.15	58.05	66.95	8.90	3728.77
	04/20/04	3788.15	57.88	58.91	1.03	3730.12
	06/16/04	3788.15	57.94	66.44	8.50	3728.94
	07/06/04	3788.15	57.90	66.98	9.08	3728.89
	07/14/04	3788.15	57.87	66.97	9.10	3728.92
	07/22/04	3788.15	57.92	67.08	9.16	3728.86
	08/03/04	3788.15	57.94	67.10	9.16	3728.84
	08/05/04	3788.15	57.94	67.10	9.16	3728.84
	08/11/04	3788.15	57.70	67.20	9.50	3729.03
	09/01/04	3788.15	58.04	67.18	9.14	3728.74
	09/09/04	3788.15	58.02	67.15	9.13	3728.76
	09/22/04	3788.15	58.01	67.20	9.19	3728.76
	11/12/04	3788.15	57.92	67.28	9.36	3728.83
	12/04/04	3788.15	57.99	67.18	9.19	3728.78
	12/16/04	3788.15	58.00	67.20	9.20	3728.77
RW - 5	01/09/04	3788.83	58.17	60.13	1.96	3730.37
	01/21/04	3788.83	58.20	60.10	1.90	3730.35

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	03/10/04	3788.83	57.88	63.19	5.31	3730.15
	03/18/04	3788.83	58.13	67.77	9.64	3729.25
	04/20/04	3788.83	58.52	59.69	1.17	3730.13
	06/16/04	3788.83	56.08	67.69	11.61	3731.01
	07/06/04	3788.83	58.10	67.71	9.61	3729.29
	07/14/04	3788.83	58.11	67.73	9.62	3729.28
	07/22/04	3788.83	58.13	67.09	8.96	3729.36
	08/03/04	3788.83	58.14	67.08	8.94	3729.35
	08/05/04	3788.83	58.14	67.08	8.94	3729.35
	08/10/04	3788.83	58.15	67.85	9.70	3729.23
	08/18/04	3788.83	58.19	67.86	9.67	3729.19
	09/01/04	3788.83	58.20	67.83	9.63	3729.19
	09/09/04	3788.83	58.20	67.82	9.62	3729.19
	09/22/04	3788.83	58.22	66.83	8.61	3729.32
	11/12/04	3788.83	58.13	67.83	9.70	3729.25
	12/04/04	3788.83	58.17	67.85	9.68	3729.21
	12/16/04	3788.83	58.19	67.85	9.66	3729.19
RW - 6	01/09/04	3788.93	58.00	62.30	4.30	3730.29
	01/21/04	3788.93	58.06	62.18	4.12	3730.25
	03/10/04	3788.93	57.91	67.41	9.50	3729.60
	03/18/04	3788.93	58.28	67.90	9.62	3729.21
	04/20/04	3788.93	58.14	60.04	1.90	3730.51
	06/16/04	3788.93	57.84	67.20	9.36	3729.69
	07/06/04	3788.93	57.78	67.03	9.25	3729.76
	07/14/04	3788.93	57.79	67.01	9.22	3729.76
	07/22/04	3788.93	57.77	66.60	8.83	3729.84
	08/03/04	3788.93	57.75	66.59	8.84	3729.85
	08/05/04	3788.93	57.75	66.59	8.84	3729.85
	08/10/04	3788.93	57.86	62.47	4.61	3730.38
	08/18/04	3788.93	57.87	67.42	9.55	3729.63
	09/01/04	3788.93	57.92	67.41	9.49	3729.59
	09/09/04	3788.93	57.90	67.40	9.50	3729.61
	09/22/04	3788.93	57.90	66.37	8.47	3729.76
	11/12/04	3788.93	57.87	67.41	9.54	3729.63
	12/04/04	3788.93	57.90	67.40	9.50	3729.61
	12/16/04	3788.93	57.90	67.29	9.39	3729.62
RW - 7	01/09/04	3789.07	58.41	67.49	9.08	3729.30
	01/21/04	3789.07	58.11	66.19	8.08	3729.75
	03/10/04	3789.07	58.00	67.41	9.41	3729.66
	03/18/04	3789.07	58.25	67.61	9.36	3729.42
	04/20/04	3789.07	58.20	59.14	0.94	3730.73
	06/16/04	3789.07	57.88	67.12	9.24	3729.80
	07/06/04	3789.07	57.91	66.65	8.74	3729.85
	07/14/04	3789.07	57.87	66.68	8.81	3729.88
	07/22/04	3789.07	57.93	66.33	8.40	3729.88
	08/03/04	3789.07	57.94	66.34	8.40	3729.87
	08/05/04	3789.07	57.94	66.34	8.40	3729.87
	08/10/04	3789.07	57.98	62.23	4.25	3730.45
	08/18/04	3789.07	58.10	66.70	8.60	3729.68
	09/01/04	3789.07	58.15	66.61	8.46	3729.65
	09/09/04	3789.07	58.22	66.31	8.09	3729.64
	09/22/04	3789.07	58.20	66.22	8.02	3729.67

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	11/12/04	3789.07	58.00	67.08	9.08	3729.71
	12/16/04	3789.07	58.05	67.15	9.10	3729.66
RW - 8	01/09/04	3788.48	57.80	62.81	5.01	3729.93
	01/21/04	3788.48	57.82	61.91	4.09	3730.05
	03/10/04	3788.48	57.45	64.18	6.73	3730.02
	03/18/04	3788.48	57.78	67.34	9.56	3729.27
	04/20/04	3788.48	57.81	58.02	0.21	3730.64
	06/16/04	3788.48	57.73	67.20	9.47	3729.33
	07/06/04	3788.48	57.77	66.84	9.07	3729.35
	07/14/04	3788.48	57.72	66.81	9.09	3729.40
	07/22/04	3788.48	57.77	67.14	9.37	3729.30
	08/03/04	3788.48	57.80	67.13	9.33	3729.28
	08/05/04	3788.48	61.73	67.13	5.40	3725.94
	08/10/04	3788.48	57.82	67.12	9.30	3729.27
	08/18/04	3788.48	57.85	67.01	9.16	3729.26
	09/01/04	3788.48	57.89	67.22	9.33	3729.19
	09/09/04	3788.48	57.91	67.13	9.22	3729.19
	09/22/04	3788.48	57.89	67.05	9.16	3729.22
	11/12/04	3788.48	57.25	67.15	9.90	3729.75
	12/04/04	3788.48	57.89	67.29	9.40	3729.18
	12/19/04	3788.48	57.91	67.44	9.53	3729.14
RW - 9	01/09/04	3788.92	58.31	66.49	8.18	3729.38
	01/21/04	3788.92	58.29	65.41	7.12	3729.56
	03/10/04	3788.92	58.08	66.22	8.14	3729.62
	03/18/04	3788.92	58.41	66.75	8.34	3729.26
	04/20/04	3788.92	58.30	66.69	8.39	3729.36
	06/16/04	3788.92	58.02	66.30	8.28	3729.66
	07/06/04	3788.92	57.99	66.24	8.25	3729.69
	07/14/04	3788.92	58.02	66.28	8.26	3729.66
	07/22/04	3788.92	58.03	66.29	8.26	3729.65
	08/03/04	3788.92	58.08	66.28	8.20	3729.61
	08/05/04	3788.92	58.08	66.28	8.20	3729.61
	08/10/04	3788.92	58.10	66.40	8.30	3729.58
	08/18/04	3788.92	58.57	64.42	5.85	3729.47
	09/02/04	3788.92	58.76	63.60	4.84	3729.43
	09/09/04	3788.92	58.90	63.00	4.10	3729.41
	09/22/04	3788.92	59.00	62.60	3.60	3729.38
	11/12/04	3788.92	58.38	65.36	6.98	3729.49
	12/04/04	3788.92	58.16	66.13	7.97	3729.56
	12/19/04	3788.92	58.42	65.29	6.87	3729.47
RW - 10	01/09/04	3788.72	58.28	67.18	8.90	3729.11
	01/21/04	3788.72	58.30	67.21	8.91	3729.08
	03/10/04	3788.72	57.88	66.91	9.03	3729.49
	03/18/04	3788.72	58.16	67.30	9.14	3729.19
	04/20/04	3788.72	58.14	67.14	9.00	3729.23
	06/16/04	3788.72	57.81	66.85	9.04	3729.55
	07/06/04	3788.72	57.83	66.82	8.99	3729.54
	07/14/04	3788.72	57.86	66.79	8.93	3729.52
	07/22/04	3788.72	57.83	66.58	8.75	3729.58
	08/03/04	3788.72	57.82	66.58	8.76	3729.59
	08/05/04	3788.72	57.82	66.58	8.76	3729.59

TABLE 1
GROUNDWATER ELEVATION DATA FOR 2004

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
	08/10/04	3788.72	57.89	66.95	9.06	3729.47
	08/18/04	3788.72	58.00	66.50	8.50	3729.45
	09/02/04	3788.72	58.05	66.39	8.34	3729.42
	09/09/04	3788.72	58.09	66.14	8.05	3729.42
	09/22/04	3788.72	58.15	65.85	7.70	3729.42
	11/12/04	3788.72	57.91	66.80	8.89	3729.48
	12/04/04	3788.72	57.91	66.91	9.00	3729.46
	12/19/04	3788.72	57.98	66.72	8.74	3729.43
RW - 11	01/09/04	3788.43	57.94	67.21	9.27	3729.10
	01/21/04	3788.43	57.96	67.32	9.36	3729.07
	03/10/04	3788.43	57.72	66.89	9.17	3729.33
	03/18/04	3788.43	58.00	67.29	9.29	3729.04
	04/20/04	3788.43	58.10	67.22	9.12	3728.96
	06/16/04	3788.43	57.65	66.86	9.21	3729.40
	07/06/04	3788.43	57.65	66.86	9.21	3729.40
	07/14/04	3788.43	57.68	66.85	9.17	3729.37
	07/22/04	3788.43	57.65	66.55	8.90	3729.45
	08/03/04	3788.43	57.68	66.56	8.88	3729.42
	08/05/04	3788.43	57.68	66.56	8.88	3729.42
	08/10/04	3788.43	57.70	67.00	9.30	3729.34
	09/02/04	3788.43	57.83	66.73	8.90	3729.27
	09/09/04	3788.43	57.86	66.56	8.70	3729.27
	09/22/04	3788.43	57.92	66.30	8.38	3729.25
	11/12/04	3788.43	57.73	66.80	9.07	3729.34
	12/04/04	3788.43	57.75	66.90	9.15	3729.31
	12/19/04	3788.43	57.80	66.85	9.05	3729.27

Elevations based on the North American Vertical Datum of 1929

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

** Gauging measurement appears to be incorrect due to instrument malfunction. This depth of PSH is not supported by any other measurable thickness of PSH in this monitor well at any other time.

TABLE 2

CONCENTRATIONS OF BTEX IN GROUNDWATER FOR 2004

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

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8260b & SW 846-8021b				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE
NMOC REGULATORY LIMIT		0.01	0.75	0.75	TOTAL XYLENES	
					0.67	
MW-4	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-7	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	09/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-11	12/09/03	<0.001	<0.001	<0.001	<0.002	<0.001
	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/106/04	<0.001	<0.001	<0.001	<0.001	
MW-12	03/10/04	0.494	<0.001	0.003	0.01	<0.001
	05/24/04	0.650	<0.001	0.00299	<0.002	<0.001
	09/01/04	1.050	<0.001	<0.001	<0.002	<0.001
	12/16/04	1.200	<0.02	<0.02	<0.002	
MW-15	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-16	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-17	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.001
	09/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-18	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.001
	09/01/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-19	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	
MW-20	03/10/04	<0.001	<0.001	<0.001	<0.002	<0.001
	12/16/04	<0.001	<0.001	<0.001	<0.001	

NOTE:

Concentrations in **BOLD** are above the applicable NMOC Regulatory Limit

Appendices

Appendix A
Notification of Release and Corrective
Action

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>915/6872640</i>	
REPORT OF	FIRE	BREAK	SPILL	LEAK	BLOWOUT	OTHER*		
TYPE OF FACILITY	DRUG 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/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 ☒	NO	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	NO ☒	QUANTITY				
IF YES, DESCRIBE FULLY**								

DESCRIBE CAUSE OF PROBLEM AND REMEDIAL ACTION TAKEN**

Internal Corrosion - Clamped & will replace pipe

DESCRIBE AREA AFFECTED AND CLEANUP ACTION TAKEN**

Area is rocky. Will be excavated & disposed of at Goo Yea Landfarm

DESCRIPTION OF AREA	FARMING	GRAZING	URBAN	OTHER*			
SURFACE CONDITIONS	SANDY	SANDY LOAM	CLAY	ROCKY	WET	DRY	SNOW

DESCRIBE GENERAL CONDITIONS PREVAILING (TEMPERATURE, PRECIPITATION, ETC.)**

Clear

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

SIGNED *Lennah Frost* PRINTED NAME *Lennah Frost* AND TITLE *ENV Eng* DATE *5-5-97*

*SPECIFY

**ATTACH ADDITIONAL SHEETS IF NECESSARY