1R - 103

REPORTS

DATE:

2006

PLAINS
Marketing, L.P.

March 24, 2006

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

Re: Plains – Annual Monitoring Reports
16 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:

TNM 97-17	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	Section 26, Township 21 South, Range 37 East, Lea County
TNM 98-05B	Section 26, Township 21 South, Range 37 East, Lea County
TNM 97-04	Section 11, Township 16 South, Range 35 East, Lea County
Texaco Skelly "F"	Section 21, Township 20 South, Range 37 East, Lea County
Darr Angell #2	Sections 11 and 14, Township 15 South, Range 37 East, Lea County
LF-59	Section 32, Township 19 South, Range 37 East, Lea County
SPS-11	Section 18, Township 18 South, Range 36 East, Lea County
Monument #2	Sections 6 and 7, Township 20 South, Range 37 East, Lea County
Monument #10	Section 32, Township 19 South, Range 37 East, Lea County
Monument #17	Section 29, Township 19 South, Range 37 East, Lea County
Monument #18	Section 7, Township 20 South, Range 37 East, Lea County
Bob Durham	Sections 31 and 32, Township 19 South, Range 37 East, Lea County
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County
Lea Station to Monument 6"	Section 5, Township 20 South, Range 37 East, Lea County

3112 West Highway 82 • Lovington, NM 88260 • (505) 396-3341

Nova prepared these documents and has vouched for their accuracy an 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 inquires 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

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

CC: Larry Johnson, NMOCD, Hobbs, New Mexico

Enclosure

2005
ANNUAL MONITORING REPORT

Report is on the L-Drive

LF-59

LEA COUNTY, NEW MEXICO
NW ¼ SW ¼ SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST
PLAINS EMS NUMBER: TNM-LF-59
NMOCD FILE NUMBER: 1R-0103

Prepared For:

NOVA safety and environmental

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

Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

March 2006

Curt Stanley
Project Manager

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

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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 Table 1 and 2 - Groundwater Elevation and 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 LF-59 pipeline release site (the site), which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. The Release Notification and Corrective Action Form (C-141) is provided as Appendix A. 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 provided on the enclosed disk. 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 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 LF-59 site occurred as two separate releases of unknown volumes on unknown dates. The release occurred from an 8-inch pipeline and was attributed to structural failure associated with internal pipeline corrosion. Approximately 6,900 cubic yards of impacted soil was excavated, sorted, shredded and combined with fertilizer to enhance bioremediation rates. Approximately 550 cubic yards of caliche rock is also stockpiled on-site as a result of the previously referenced soil treatment activity. The soil was spread onto an on-site treatment cell for aeration in March 2003. Soil in the treatment cell was sampled for baseline concentrations of Total Petroleum Hydrocarbon (TPH) and Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations using EPA Methods 8015M and 8260b, respectively. The treatment cell was resampled on September 7, 2005, the analytical results of this sampling event indicate Total Petroleum Hydrocarbons (TPH) concentrations have decreased to levels ranging between <50 to 115 mg/Kg total TPH.

Eight groundwater monitor wells (MW-1 through MW-8) are currently on-site. NOVA directed the installation of monitor well MW-8 on October 4, 2005. Monitor well MW-8 was installed upgradient of monitor well MW-1 to verify the upgradient extent of impact to groundwater. The analytical results of soil samples collected during the installation of this monitor well indicate there appears to be no hydrocarbon impact to the soil in monitor well MW-8. Analytical groundwater samples collected after monitor well development and during the 4th quarter 2005 sampling event indicate there appears to be no hydrocarbon impact to groundwater in monitor

well MW-8. Site access was restricted by the surface lessee during 2003, who allowed site access to resume in 2004.

FIELD ACTIVITIES

During the 2005 reporting period, no measurable thickness of PSH was detected in any of the eight monitor wells. Approximately 56 gallons (approximately 1.3 barrels) of PSH have been recovered from this site since project inception. Measurable thicknesses of PSH exhibited during the 2004 reporting period, have diminished to a sheen in monitor wells MW-1 and MW-4 during the 2005 reporting period. See Table 1 and Figures 3A-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

NMOCD Approved Sampling Schedule			
MW-1	Quarterly	MW-5	Annually
MW-2	Quarterly	MW-6	Annually
MW-3	Annually	MW-7	Semi-Annually
MW-4	Quarterly	MW-8	Quarterly

The site monitor wells were gauged and sampled on the following dates in 2005: March 8, June 7, September 7, and December 2. During each sampling event, sampled monitor wells were purged of approximately three 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 (NMOCD 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 provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.009 feet/foot to the southwest as measured between groundwater monitor wells MW-3 and MW-7. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3,547.11 and 3,555.85 feet above mean sea level, in MW-7 on December 2, 2005 and MW-1 on January, 5 2005, respectively.

LABORATORY RESULTS

Groundwater samples collected during the monitoring events of 2005 were delivered to TraceAnalysis 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 an electronic copy of the laboratory reports is provided on the enclosed disk. The quarterly groundwater sampling results for benzene and total BTEX constituent concentrations are depicted on Figures 3A through 3D.

Laboratory analysis of groundwater samples obtained during the reporting period indicates benzene and total BTEX constituent concentrations were below NMOCD regulatory standards in monitor wells MW-2 through MW-8 with the exception of monitor well MW-4. Analytical results indicate monitor well MW-4 exhibited a benzene concentration above the NMOCD regulatory standard during the first quarter of 2005. Laboratory analysis of groundwater samples collected during the reporting period indicates benzene concentrations above the NMOCD regulatory standard in monitor well MW-1 during each quarterly event of 2005 and indicates total BTEX constituent concentrations were 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

Eight groundwater monitor wells (MW-1 through MW-8) are currently on-site. During the 2005 reporting period, no monitor wells contained measurable quantities of PSH. The most recent Groundwater Gradient Map indicates a general gradient of approximately 0.009 feet/foot to the southwest.

A review of the laboratory analytical results for groundwater samples obtained during the reporting period indicates the benzene concentration was above the NMOCD regulatory standard and the total BTEX constituent concentrations were below NMOCD regulatory standards in monitor well MW-1 only. All other sample locations displayed BTEX constituent concentrations below the NMOCD regulatory standard during the reporting period, with the exception of monitor well MW-4, which exhibited a benzene concentration slightly above the NMOCD regulatory standard of 0.010 mg/L and a BTEX constituent concentration below the NMOCD regulatory standard.

Dissolved phase impact above the NMOCD regulatory limit appears to be limited to the area around MW-1 at this time. From 2000 to 2002, groundwater samples collected from monitor well MW-2 displayed concentrations of benzene and BTEX constituent concentrations above the NMOCD regulatory standard. However, since 2002 MW-2 has exhibited constituent concentrations below the NMOCD standard. This appears to indicate a diminishing dissolved phase impact in the area of monitor wells MW-1 and MW-2.

ANTICIPATED ACTIONS

Monitoring, gauging and sampling of the on site monitor wells will continue through 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.

DISTRIBUTION

Copy 1 Ed Martin
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

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New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3: Camille Reynolds
Plains Marketing, L.P.
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Lovington, NM
cjreynolds@paalp.com

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Suite 1600
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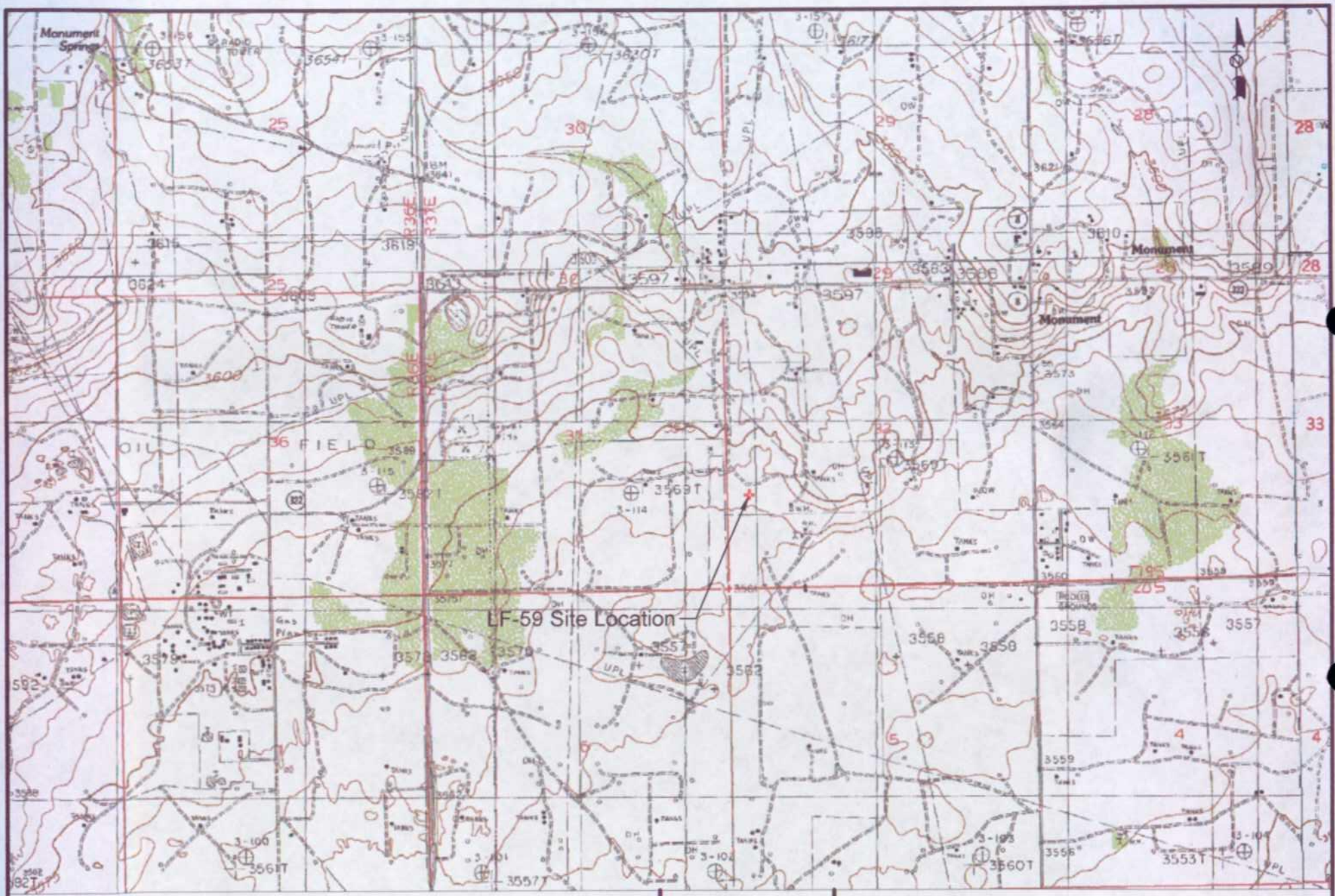
jpdann@paalp.com

Copy 5: NOVA Safety and Environmental
2057 Commerce Street
Midland, TX 79703
cstanley@novatraining.cc

Figures



NW 1/4 SW 1/4 Sec 32 T19S, R37E
32° 36' 50.1" N
103° 16' 47.6" W

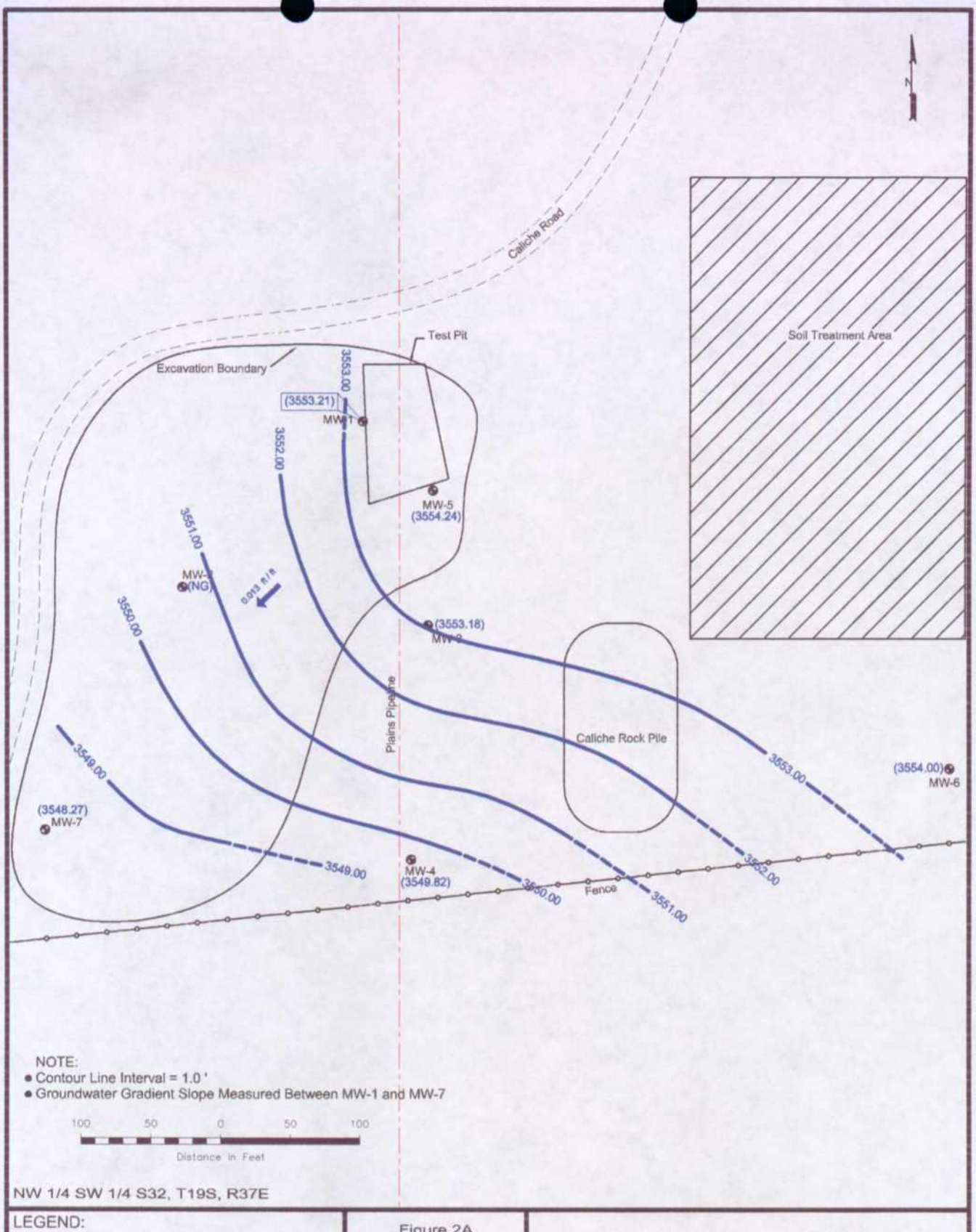
Figure 1
Site Location Map

Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: NTS	Prep By: DPM	Checked By: MRE
February 15, 2005		



LEGEND:

- Monitor Well Location
- (3552.29) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.013 ft / ft — Groundwater Direction + Magnitude
- NG — Not Gauged

Figure 2A

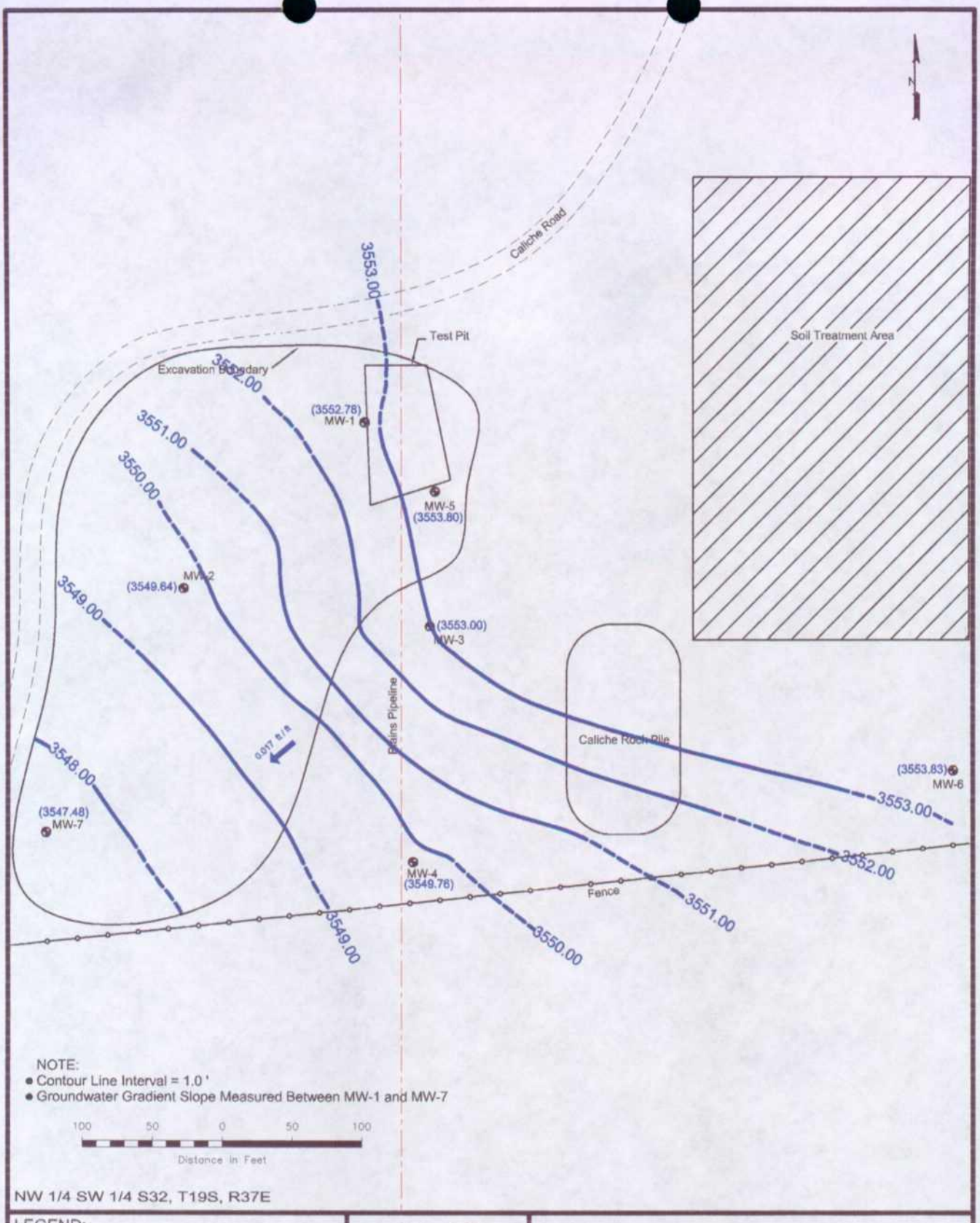
NMOCD Inferred Groundwater Gradient Map (03/08/05)

Plains Marketing, L.P.

LF - 59
Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: MRE
May 5, 2005		



LEGEND:

- Monitor Well Location
- (3552.29) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.017 ft / ft — Groundwater Direction + Magnitude
- NG — Not Gauged

Figure 2B

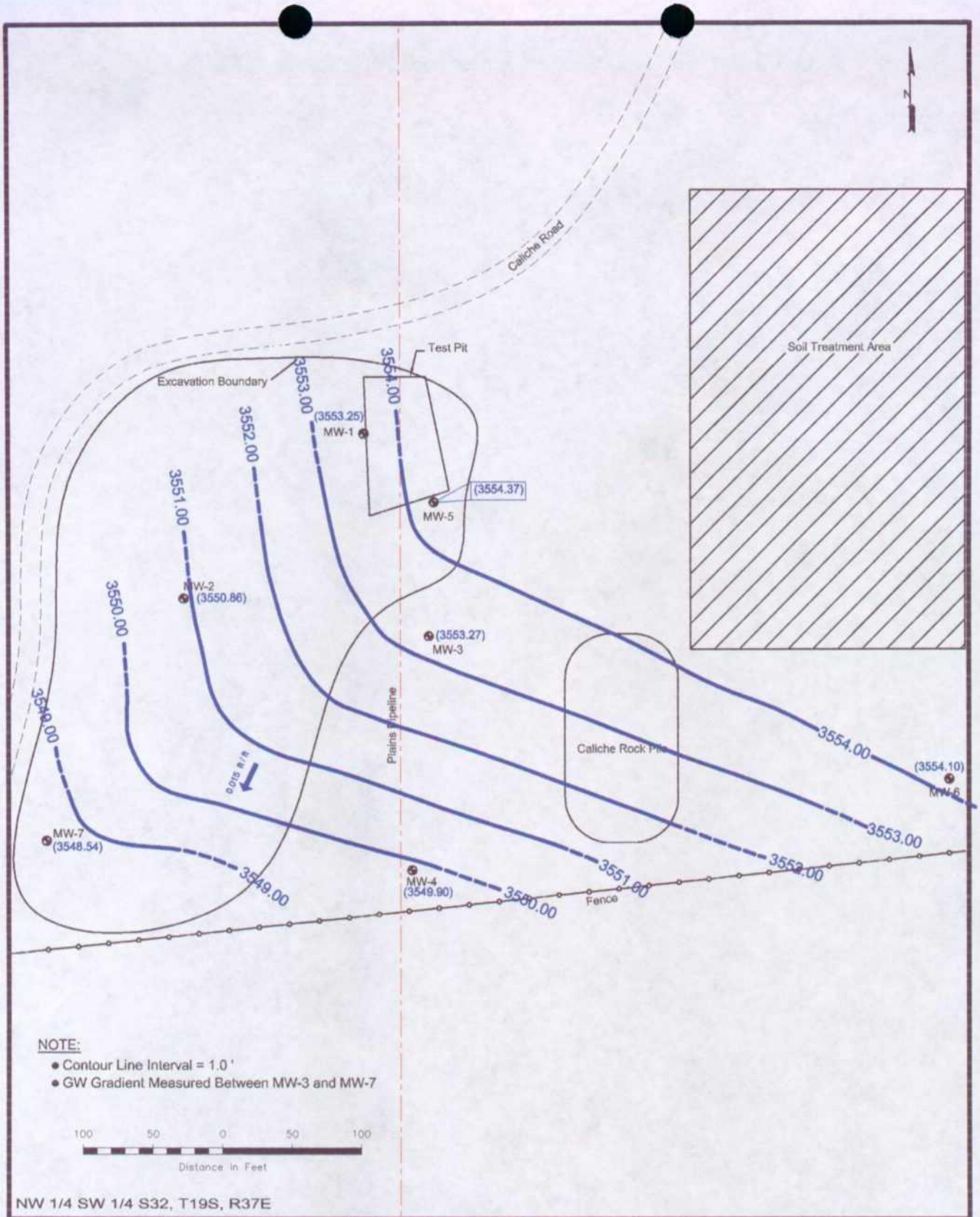
NMOCD Inferred Groundwater Gradient Map (6/7/05)

Plains Marketing, L.P.

LF - 59
Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: CDS
June 22, 2005		



LEGEND:

- Monitor Well Location
- (3550.86) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.015 ft / ft — Groundwater Direction + Magnitude
- NG — Not Gauged

Figure 2C

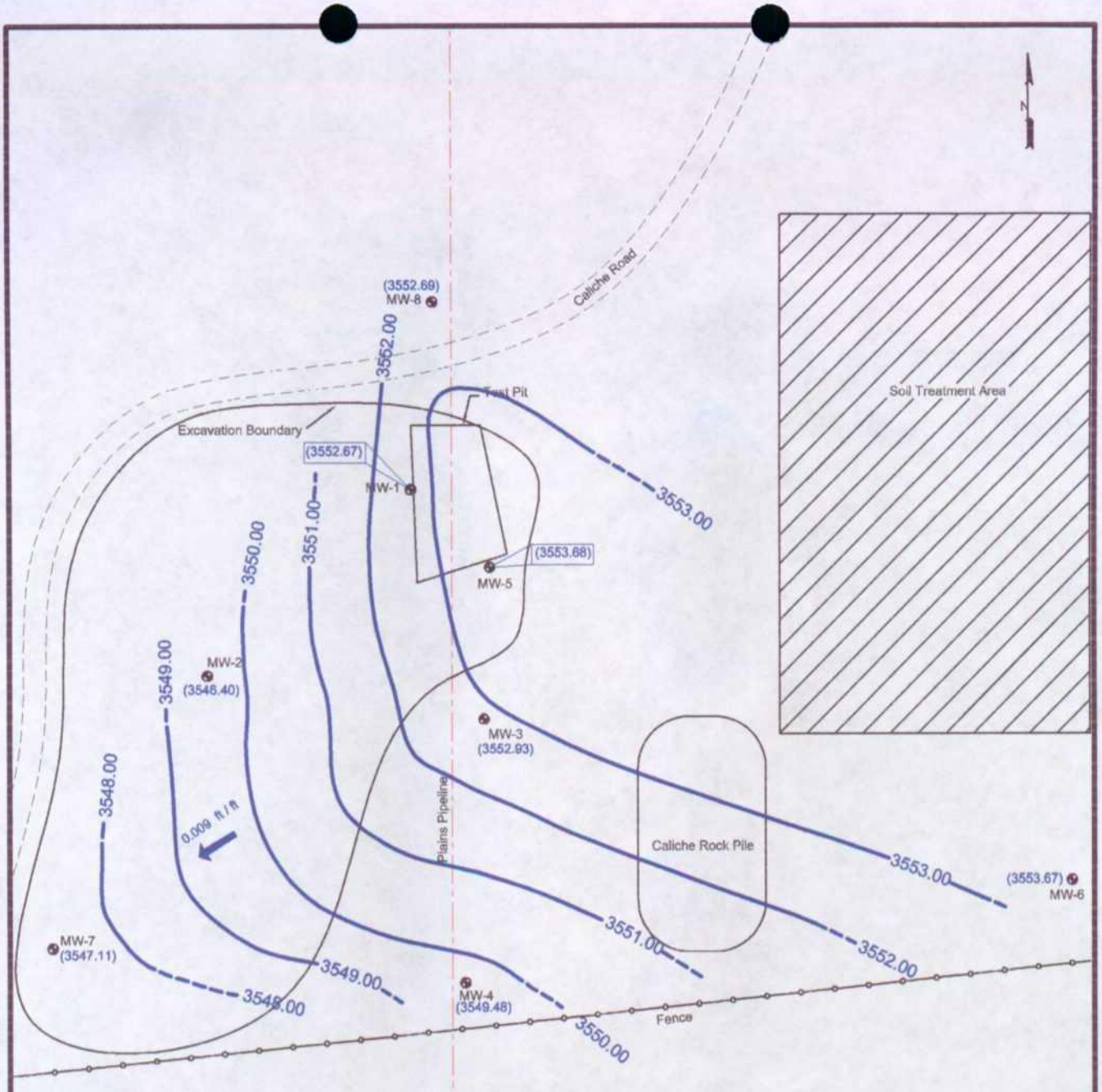
NMOCD Inferred Groundwater Gradient Map (9/7/05)

Plains Marketing, L.P.

LF - 59
Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: LDH
October 25, 2005		



NW 1/4 SW 1/4 S32, T19S, R37E

LEGEND:

- Monitor Well Location
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.009 ft / ft — Groundwater Direction + Magnitude
- NG — Not Gauged

Figure 2D

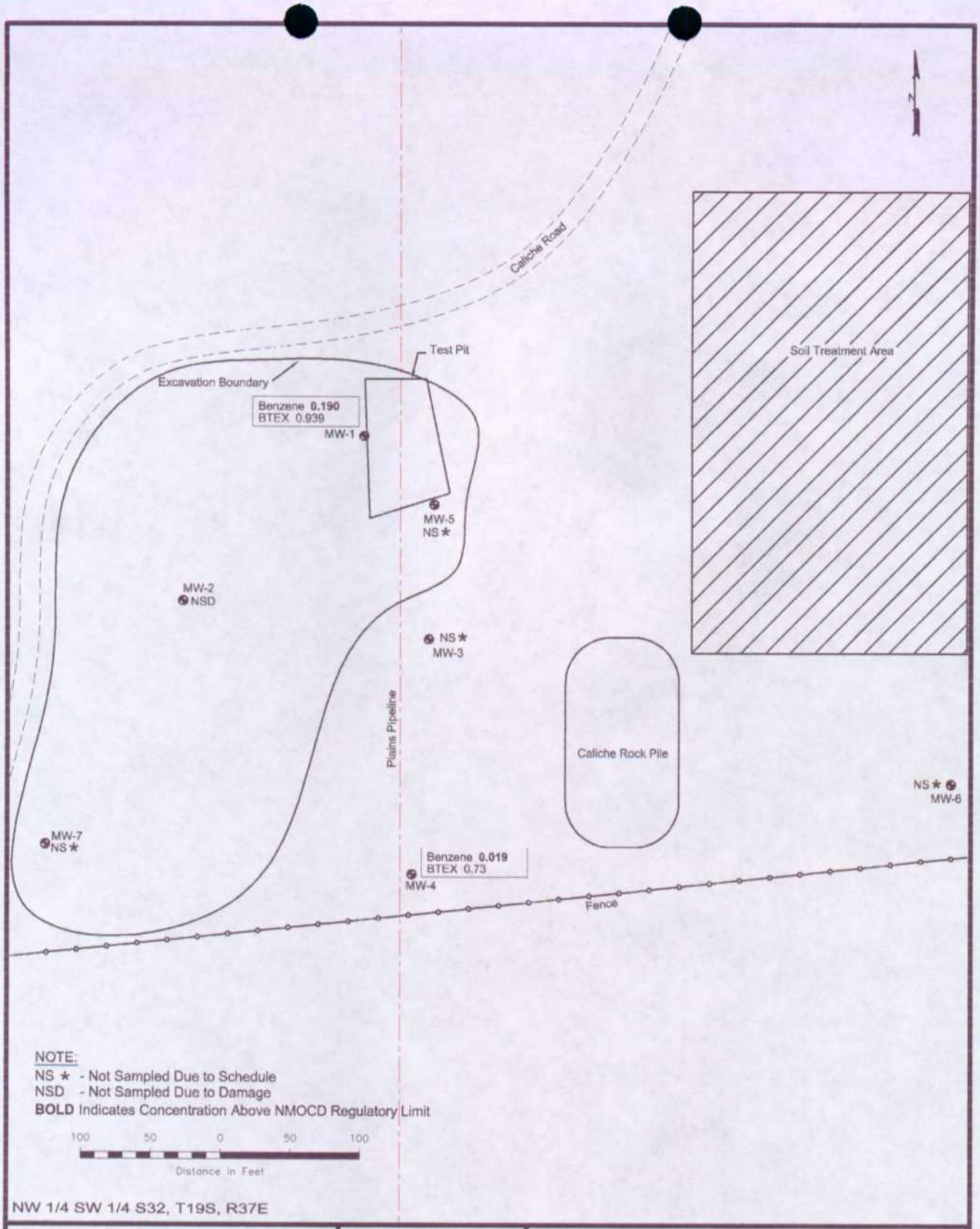
NMOCD Inferred Groundwater Gradient Map (12/02/05)

Plains Marketing, L.P.

LF - 59
Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'	
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: CDS	
January 20, 2006			



LEGEND:

- Monitor Well Location
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- 2.42' Thickness of PSH (feet)
- NG Not Gauged

Figure 3A

NMOCD Groundwater Concentration and Inferred PSH Extent Map (03/08/05)

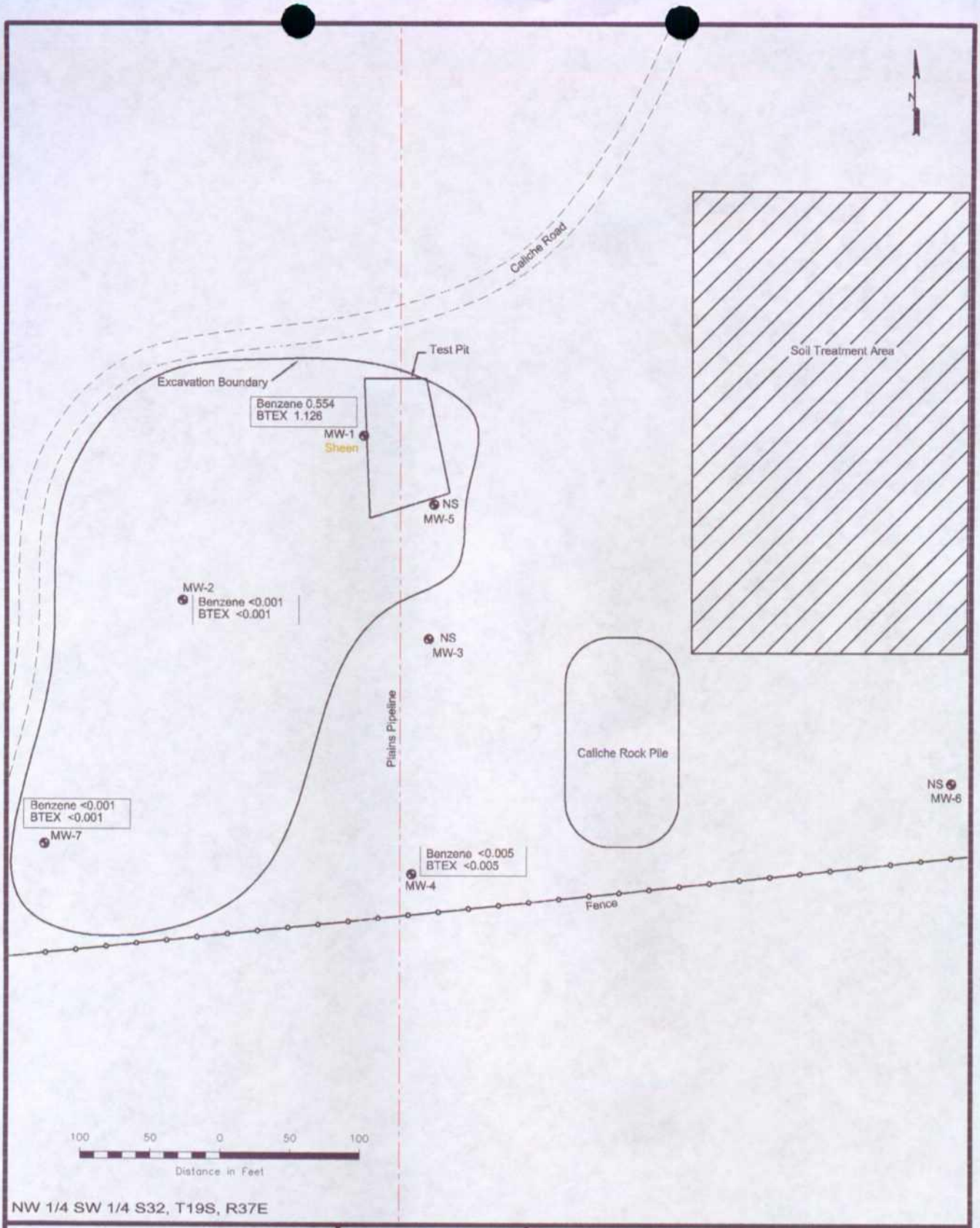
Plains Marketing, L.P.

LF - 59

Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: MRE
May 5, 2005		



LEGEND:

- Monitor Well Location
- Inferred PSH Extent
- <0.001 Constituent Concentration (mg/L)
- 2.42' Thickness of PSH (feet)
- NS Not Sampled

Figure 3B

NMOCD Groundwater Concentration and Inferred PSH Extent Map (6/7/05)

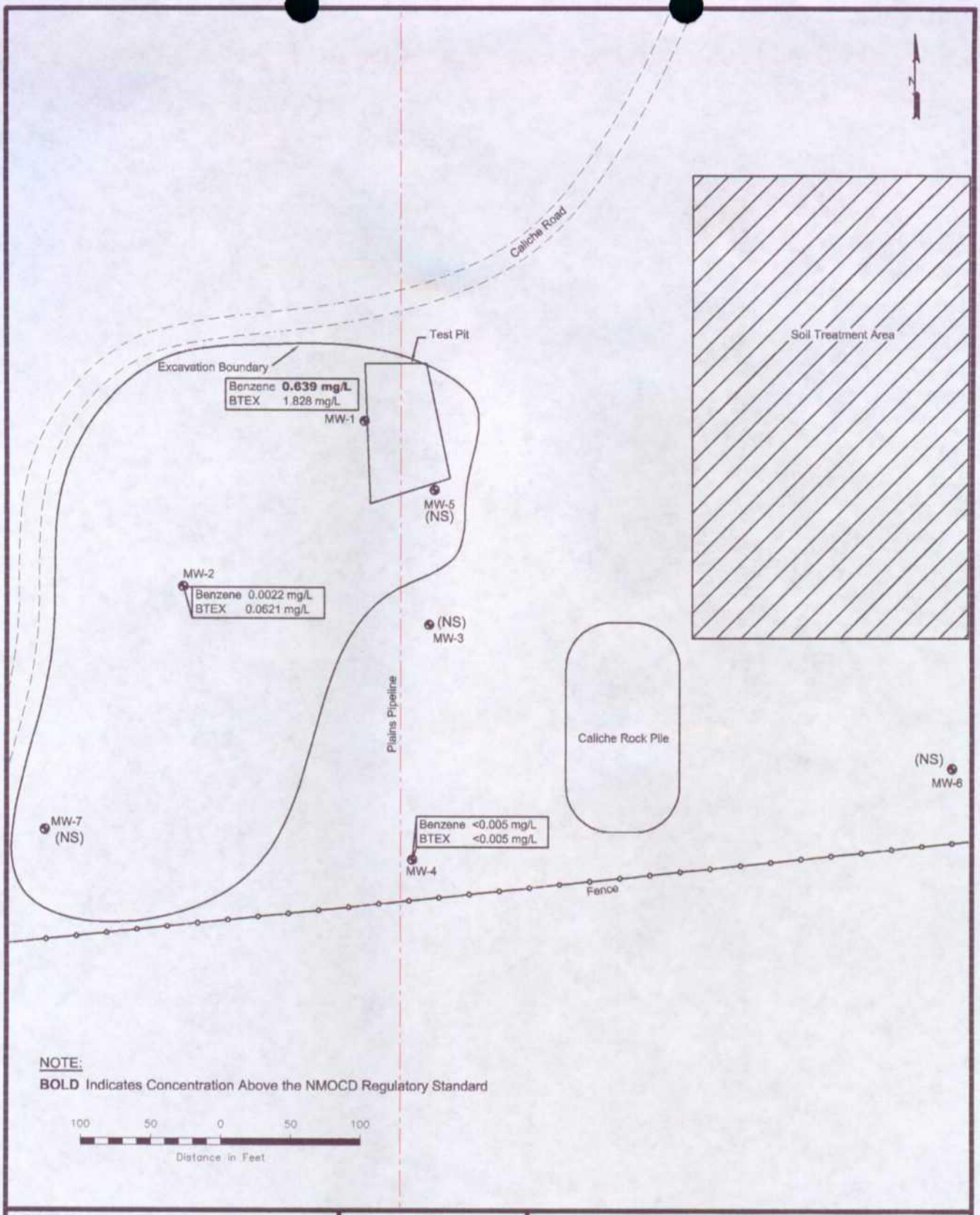
Plains Marketing, L.P.

LF - 59

Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: CDS
June 23, 2005		



LEGEND:

- Monitor Well Location
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

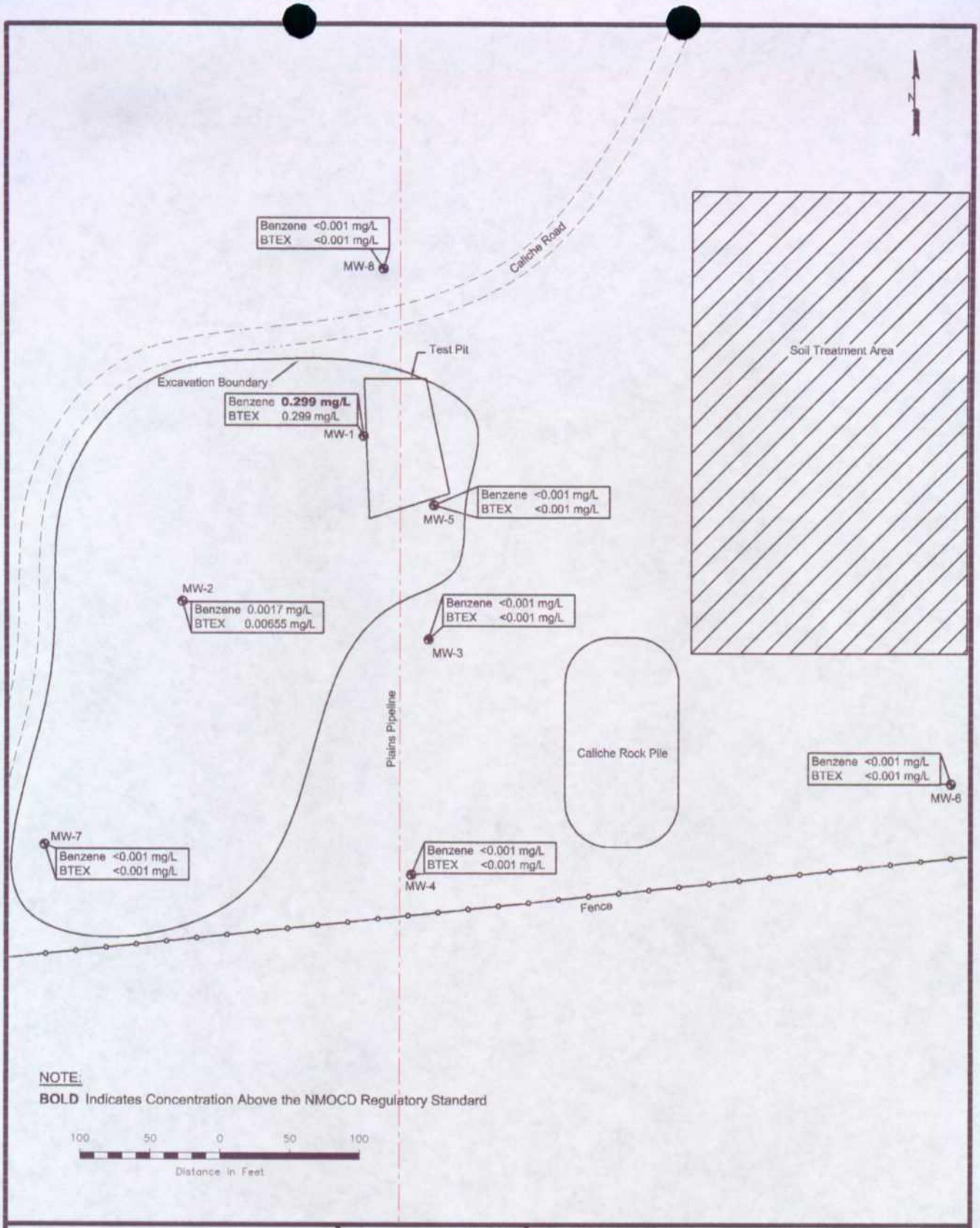
Figure 3C

NMOCD Groundwater Concentration and Inferred PSH Extent Map (9/7/05)

Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W			Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E		Drawn By: DPM	Prepared By: CDS
January 19, 2006			



LEGEND:

- Monitor Well Location
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

Figure 3D

NMOCD Groundwater Concentration and Inferred PSH Extent Map (12/02/05)

Plains Marketing, L.P.
LF - 59
Monument, NM

NOVA Safety and Environmental

Lat. 32° 36' 50.1"N Long 103° 16' 49.6"W		Scale: 1"=100'
NW1/4 SW1/4 Sec32 T19S R37E	Drawn By: DPM	Prepared By: CDS
January 20, 2006		

Tables

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-1	01/05/05	3,572.21	sheen	16.36	0.00	3,555.85
	01/13/05	3,572.21	sheen	16.72	0.00	3,555.49
	01/19/05	3,572.21	sheen	17.22	0.00	3,554.99
	01/27/05	3,572.21	sheen	17.66	0.00	3,554.55
	02/03/05	3,572.21	sheen	17.97	0.00	3,554.24
	02/10/05	3,572.21	sheen	18.34	0.00	3,553.87
	02/17/05	3,572.21	sheen	18.61	0.00	3,553.60
	02/24/05	3,572.21	sheen	18.80	0.00	3,553.41
	03/03/05	3,572.21	sheen	18.55	0.00	3,553.66
	03/08/05	3,572.21	sheen	19.00	0.00	3,553.21
	03/10/05	3,572.21	sheen	19.00	0.00	3,553.21
	03/17/05	3,572.21	sheen	18.98	0.00	3,553.23
	03/24/05	3,572.21	sheen	19.23	0.00	3,552.98
	03/31/05	3,572.21	sheen	19.36	0.00	3,552.85
	04/0705	3,572.21	sheen	19.29	0.00	3,552.92
	04/14/05	3,572.21	sheen	19.23	0.00	3,552.98
	05/24/05	3,572.21	sheen	20.09	0.00	3,552.12
	06/07/05	3,572.21	sheen	19.43	0.00	3,552.78
	06/23/05	3,572.21	sheen	19.51	0.00	3,552.70
	07/28/05	3,572.21	sheen	19.58	0.00	3,552.63
	08/24/05	3,572.21	sheen	18.19	0.00	3,554.02
	09/07/05	3,572.21	-	18.96	0.00	3,553.25
	09/30/05	3,572.21	-	19.29	0.00	3,552.92
	10/28/05	3,572.21	sheen	19.42	0.00	3,552.79
	11/16/05	3,572.21	sheen	19.50	0.00	3,552.71
	12/02/05	3,572.21	-	19.54	0.00	3,552.67
	12/30/05	3,572.21	sheen	19.59	0.00	3,552.62
MW-2	*03/08/05*	Unable to Gauge				
	06/07/05	3,571.46	-	21.82	0.00	3,549.64
	09/07/05	3,571.46	-	20.60	0.00	3,550.86
	12/02/05	3,571.46	-	22.06	0.00	3,549.40
MW-3	*03/08/05*	3,573.46	-	20.28	0.00	3,553.18
	06/07/05	3,573.46	-	20.46	0.00	3,553.00
	09/07/05	3,573.46	-	20.19	0.00	3,553.27
	12/02/05	3,573.46	-	20.53	0.00	3,552.93
MW-4	01/05/05	3,570.15	sheen	20.00	0.00	3,550.15
	01/13/05	3,570.15	sheen	19.98	0.00	3,550.17
	01/19/05	3,570.15	sheen	20.01	0.00	3,550.14
	01/27/05	3,570.15	sheen	20.08	0.00	3,550.07
	02/03/05	3,570.15	sheen	20.11	0.00	3,550.04

TABLE 1

2005 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-4	02/10/05	3,570.15	sheen	20.17	0.00	3,549.98
	02/17/05	3,570.15	sheen	20.23	0.00	3,549.92
	02/24/05	3,570.15	sheen	20.19	0.00	3,549.96
	03/03/05	3,570.15	sheen	20.14	0.00	3,550.01
	03/08/05	3,570.15	sheen	20.33	0.00	3,549.82
	03/10/05	3,570.15	sheen	20.33	0.00	3,549.82
	03/17/05	3,570.15	sheen	20.29	0.00	3,549.86
	03/24/05	3,570.15	sheen	20.33	0.00	3,549.82
	03/31/05	3,570.15	sheen	20.38	0.00	3,549.77
	04/07/05	3,570.15	sheen	20.37	0.00	3,549.78
	04/14/05	3,570.15	sheen	20.29	0.00	3,549.86
	05/24/05	3,570.15	sheen	18.99	0.00	3,551.16
	06/07/05	3,570.15	sheen	20.39	0.00	3,549.76
	06/23/05	3,570.15	sheen	20.50	0.00	3,549.65
	07/28/05	3,570.15	sheen	20.50	0.00	3,549.65
	08/24/05	3,570.15	sheen	20.49	0.00	3,549.66
	09/07/05	3,570.15	sheen	20.25	0.00	3,549.90
	09/30/05	3,570.15	-	20.30	0.00	3,549.85
	10/28/05	3,570.15	sheen	20.61	0.00	3,549.54
	11/16/05	3,570.15	sheen	20.62	0.00	3,549.53
	12/02/05	3,570.15	-	20.67	0.00	3,549.48
	12/30/05	3,570.15	sheen	20.82	0.00	3,549.33
MW-5	*03/08/05*	3,572.92	-	18.68	0.00	3,554.24
	06/07/05	3,572.92	-	19.12	0.00	3,553.80
	09/07/05	3,572.92	-	18.55	0.00	3,554.37
	12/02/05	3,572.92	-	19.24	0.00	3,553.68
MW-6	*03/08/05*	3,572.11	-	18.11	0.00	3,554.00
	06/07/05	3,572.11	-	18.28	0.00	3,553.83
	09/07/05	3,572.11	-	18.01	0.00	3,554.10
	12/02/05	3,572.11	-	18.44	0.00	3,553.67
MW-7	*03/08/05*	3,569.75	-	21.48	0.00	3,548.27
	06/07/05	3,569.75	-	22.27	0.00	3,547.48
	09/07/05	3,569.75	-	21.21	0.00	3,548.54
	12/02/05	3,569.75	-	22.64	0.00	3,547.11
MW-8	10/07/05	3,573.59	-	20.75	0.00	3,552.84
	12/02/05	3,573.59	-	20.90	0.00	3,552.69

Note: "-" denotes no PSH measured during gauging.
Elevations based on the North American Vertical Datum of 1929.

TABLE 2

2005 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
LF - 59
LEA COUNTY, NEW MEXICO

All results are reported in mg/L.

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p-XYLENES	o - XYLENE
NMOCD Regulatory Limit		**0.01**	**0.75**	**0.75**	**0.62**	
MW-1	03/08/05	**0.190**	0.020	0.173	0.556	
	06/07/05	**0.554**	<0.2	<0.2	0.572	
	09/07/05	**0.639**	<0.01	0.204	**0.985**	
	12/02/05	**0.299**	<0.1	<0.1	<0.1	
MW-2	03/08/05	Not sampled due well obstruction				
	06/07/05	<0.001	<0.001	<0.001	<0.001	
	09/07/05	0.00220	<0.001	0.0238	0.0361	
	12/02/05	0.00170	<0.001	0.00240	0.00250	
MW-3	03/08/05	Not sampled due to sample reduction				
	06/07/05	Not sampled due to sample reduction				
	09/07/05	Not sampled due to sample reduction				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
MW-4	03/08/05	**0.019**	0.017	<0.01	0.038	
	06/07/05	<0.005	<0.005	<0.005	<0.005	
	09/07/05	<0.005	<0.005	<0.005	<0.005	
	12/02/05	<0.001	<0.001	<0.001	<0.001	
MW-5	03/08/05	Not sampled due to sample reduction				
	06/07/05	Not sampled due to sample reduction				
	09/07/05	Not sampled due to sample reduction				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
MW-6	03/08/05	Not sampled due to sample reduction				
	06/07/05	Not sampled due to sample reduction				
	09/07/05	Not sampled due to sample reduction				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
MW-7	03/08/05	Not sampled due to sample reduction				
	06/07/05	<0.001	<0.001	<0.001	<0.001	
	09/07/05	Not sampled due to sample reduction				
	12/02/05	<0.001	<0.001	<0.001	<0.001	
MW-8	10/10/05	<0.001	<0.001	<0.001	<0.001	
	12/02/05	<0.001	<0.001	<0.001	<0.001	

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

Appendices

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

811 South First
Artesia, NM 88210
District II - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

STATE Byrd LF-1999-59

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: EOTT Energy Pipeline	Contact: Lennah FROST
Address: PO Box 1660	Telephone No.: 915/6843467
Facility Name:	Facility Type: Pipeline

Surface Owner	Mineral Owner	Lease No.
State of New Mexico		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	32	19S	37E					Lea

NATURE OF RELEASE

Type of Release: Crude oil	Volume of Release: 260 bbls / Volume Recovered: 200 bbls
Source of Release: Crude oil Pipeline	Date and Hour of Occurrence: 7/18/99 1pm / Date and Hour of Discovery: 7/18/99 1PM
Was Immediate Notice Given? ☑ Yes ☐ No ☐ Not Required	If YES, To Whom? Chris Williams
By Whom? Lennah Frost	Date and Hour: 7/18/99 - 2:30p
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.

If a Watercourse was Impacted, Describe Fully (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)
Internal Corrosion - Leak Clamped off will replace pipe ASAP

Describe Area Affected and Cleanup Action Taken (Attach Additional Sheets If Necessary)
Spill occurred in a previously remediated site. Will evaluate for cleanup this week

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 poses 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.

Signature: Lennah Frost	OIL CONSERVATION DIVISION
Printed Name: Lennah Frost	Approved by District Supervisor:
Title: SR. ENV. ENG	Approval Date: / Expiration Date:
Date: 7-20-99 Phone: 915/6843467	Conditions of Approval: / Attached ☐