1R - 103

REPORTS

DATE:

2006

1R-103
Report
2006

2006
ANNUAL MONITORING REPORT

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:

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March 2007

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ENCLOSED ON DATA DISK

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 2006 only. However, historic data tables as well as 2006 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 the four (4) quarters during 2006 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.

Currently, Eight groundwater monitor wells (MW-1 through MW-8) are on-site. Site access was restricted by the surface lessee during 2003 and was allowed to resume in 2004.

FIELD ACTIVITIES

During the 2006 reporting period, PSH was detected in monitor well MW-4 (0.01 feet) during the 2nd quarter sampling event and was not sampled during that quarter sampling event only. Less than one (1) gallon of PSH was recovered from monitor well MW-4 during the reporting

period. Approximately 57 gallons (approximately 1.3 barrels) of PSH have been recovered from this site since project inception. Monitor well MW-1 exhibited a sheen throughout the 1st and 2nd quarters, but with the exception of the September 16, 2006 gauging event, the sheen was not reported during the 3rd and 4th quarters of 2006. Monitor well MW-4 exhibited a sheen throughout most of the reporting period.

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: March 8, June 7, September 12, and November 22, 2006. 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 2006 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 0.011 feet/foot to the southwest as measured between groundwater monitor wells MW-1 and MW-7. This is consistent with data presented on Figures 2A and 2B from earlier in the year. The corrected groundwater elevations ranged between 3,546.69 and 3,557.74 feet above mean sea level, in MW-7 on June 7, 2006 and MW-1 on September 12, 2006, respectively.

LABORATORY RESULTS

Groundwater samples collected during the monitoring events of 2006 were delivered to TraceAnalysis of Lubbock, Texas for determination of BTEX constituent concentrations by EPA Method SW846-8021b. A listing of BTEX constituent concentrations for 2006 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.

Monitor well MW-1 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.198 mg/L during the 2nd quarter to 0.407 mg/L during the 4th

quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard of 0.01 mg/L during all four (4) quarters of 2006. Toluene concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standard of 0.75 mg/L during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from 0.032 mg/L during the 2nd quarter to 0.323 mg/L during the 4th quarter of the reporting period. Ethylbenzene concentrations were below the NMOCD regulatory standard of 0.75 mg/L during all four (4) quarters of 2006. Xylene concentrations ranged from 0.117 mg/L during the 2nd quarter to 0.949 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below NMOCD during the first three (3) quarters, but xylene concentrations were above the NMOCD regulatory standard of 0.62 mg/L during the 4th quarter of 2006.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.01 mg/L during the 1st and 3rd quarters of the reporting period. Benzene concentrations were at or below NMOCD regulatory standards during all four (4) quarters of the reporting period. Toluene concentrations were below laboratory method detection limits MDL and NMOCD regulatory standard of 0.75 mg/L during all four (4) quarters of the reporting period. Ethylbenzene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.11 mg/L during the 3rd quarter of the reporting period. Ethylbenzene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period. Xylene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.18 mg/L during the 3rd quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during all four (4) quarters of the reporting period

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event.

Monitor well MW-4 is sampled on a quarterly schedule; this monitor well was not sampled during the 2nd quarter of the reporting period, due to the reported presence (0.01 feet) of PSH in the well. Analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st and 3rd quarter to 0.002 mg/L during the 4th quarter of the reporting period. Benzene concentrations were below the NMOCD regulatory standard during the three (3) sampled quarters of the reporting period. Toluene concentrations were below laboratory method detection limits MDL and NMOCD regulatory standard of 0.75 mg/L during the three (3) sampled quarters of the reporting period. Ethylbenzene concentrations were below laboratory method detection limits MDL and NMOCD regulatory standard of 0.75 mg/L during the three (3) sampled quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1st and 3rd quarters to 0.002 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during the three (3) sampled quarters of the reporting period

Monitor well MW-5 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event.

Monitor well MW-6 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 4th quarter sampling event.

Monitor well MW-7 is sampled on a semi-annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each constituent during the 2nd and 4th quarter sampling event.

Monitor well MW-8 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for all four (4) quarters of the 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

Eight groundwater monitor wells (MW-1 through MW-8) are currently on-site. During the 2006 reporting period, PSH was reportedly present in monitor well MW-4 (0.01 feet) during the 2nd quarter sampling event and was not sampled during the event. Less than one (1) gallon of PSH was recovered from monitor well MW-4 during the reporting period. Approximately 57 gallons (approximately 1.3 barrels) of PSH have been recovered from this site since project inception. Monitor well MW-1 exhibited a sheen throughout the 1st and 2nd quarters, but with the exception of the September 16, 2006 gauging event, the sheen was not reported during the 3rd and 4th quarters of 2006. Monitor well MW-4 exhibited a sheen throughout most of the reporting period. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.011 feet/foot to the southwest as measured between groundwater monitor wells MW-1 and MW-7. This is consistent with data presented on Figures 2A and 2B from earlier in the year.

A review of the laboratory analytical results for groundwater samples collected during the reporting period indicates benzene concentrations were above the NMOCD regulatory standard and toluene, ethylbenzene and xylene concentrations were below NMOCD regulatory standards in monitor well MW-1 only, with the exception of the 4th quarter xylene constituent concentration which exceeded the NMOCD regulatory standard. All other monitor well groundwater samples exhibited BTEX constituent concentrations below the NMOCD regulatory standard during the reporting period.

Dissolved phase impact above the NMOCD regulatory standard appears to be limited to monitor well MW-1. Based on the analytical results from groundwater samples collected from monitor well MW-4, the sheen and measurable PSH observed in this well has not resulted in the elevation of BTEX constituent concentrations above the NMOCD criteria during the 2006 reporting period.

ANTICIPATED ACTIONS

Plains, respectfully requests NMOCD approval to plug and abandon monitor well MW-6. Monitor well MW-6 was installed in 2001 and analytical results indicate BTEX constituent concentrations have been below the MDL and NMOCD regulatory standard during each sampling event since the installation of the monitor well. Monitor wells MW-3 and MW-5 located west or cross gradient of monitor well MW-6, have exhibited BTEX constituent concentrations below the MDL and NMOCD regulatory standard since the installation of these monitor wells and adequately define the dissolved phase hydrocarbon plume. Upon NMOCD approval, a New Mexico licensed water well driller will plug and abandon the monitor well as required by and in the manner stipulated by the New Mexico State Engineer.

Groundwater monitoring and quarterly sampling will continue through 2006. An annual groundwater monitoring report will be submitted by April 1, 2008. A *Soil Closure Strategy and Site Restoration Work Plan* was submitted to the NMOCD in July, 2006. The Work Plan proposes soil remediation activities intended to progress the site toward an NMOCD approved closure. To date, Plains has not received a response from the NMOCD as to the status of this Work Plan.

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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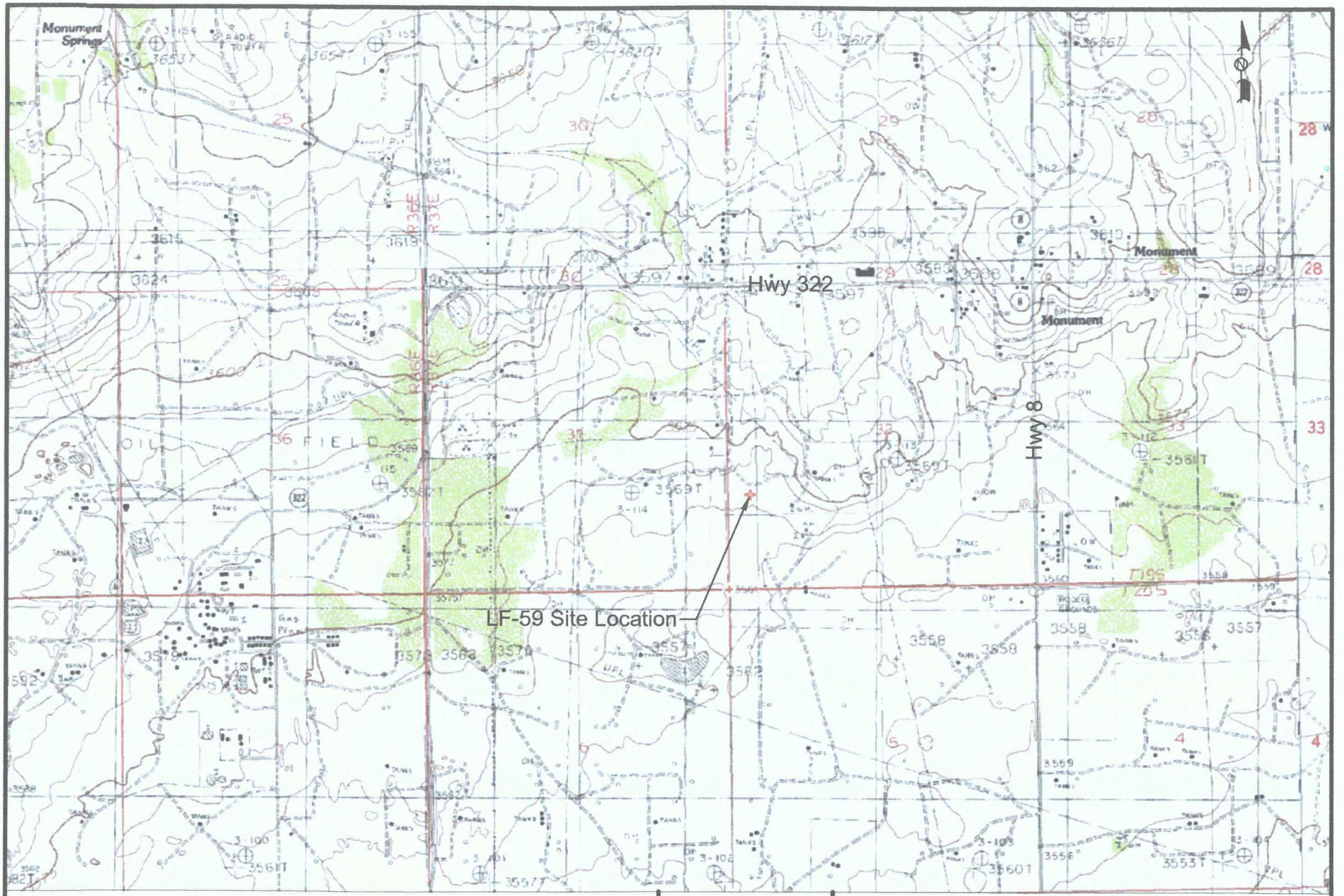
FIGURES



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

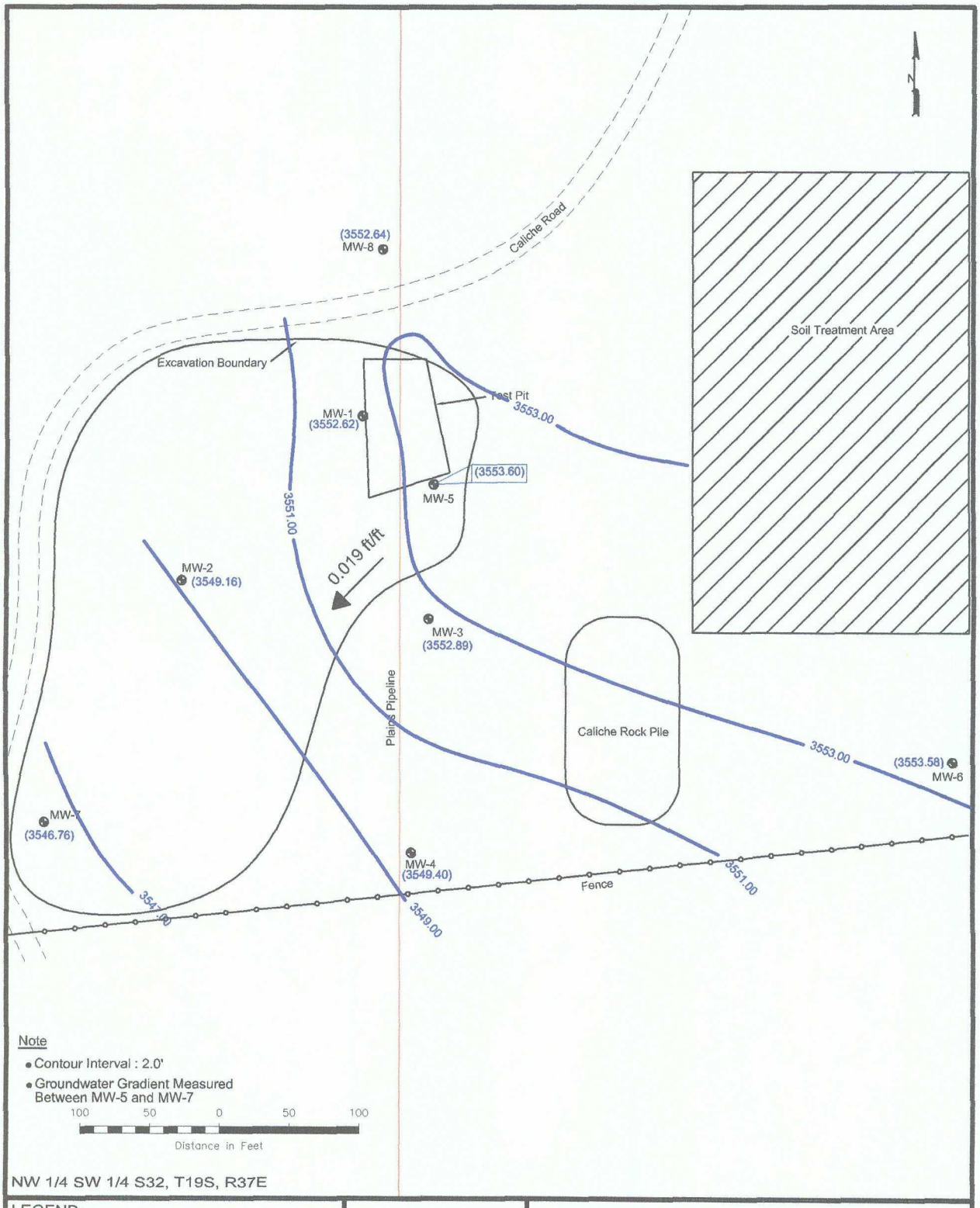
Figure 1
Site Location Map

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
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2A

NMOCD Inferred Groundwater Gradient Map (3/8/06)

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	CAD By: DGC	Checked By: CDS
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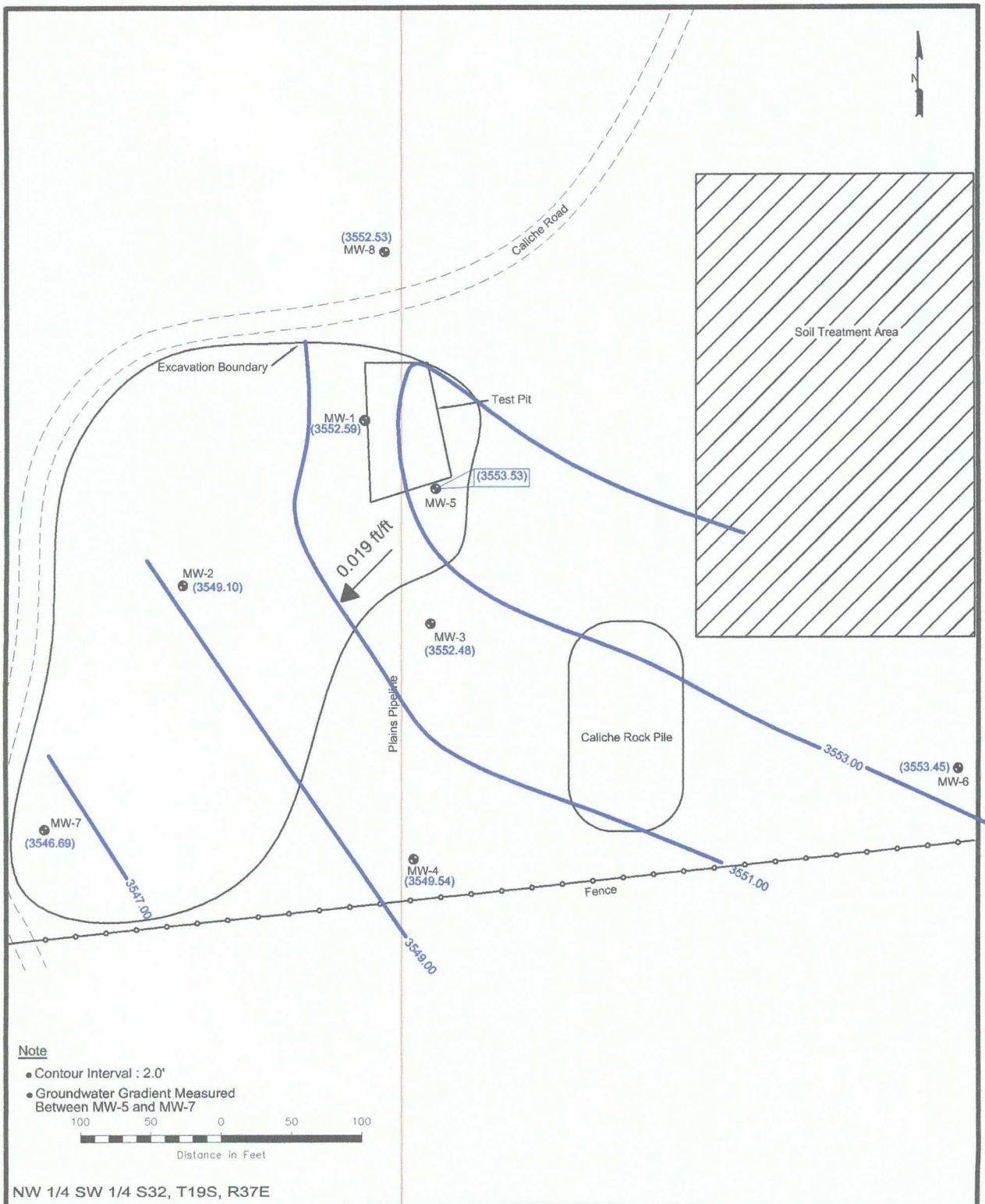


LEGEND:

- Monitor Well Location
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2B

NMOCD Inferred Groundwater Gradient Map (6/7/06)

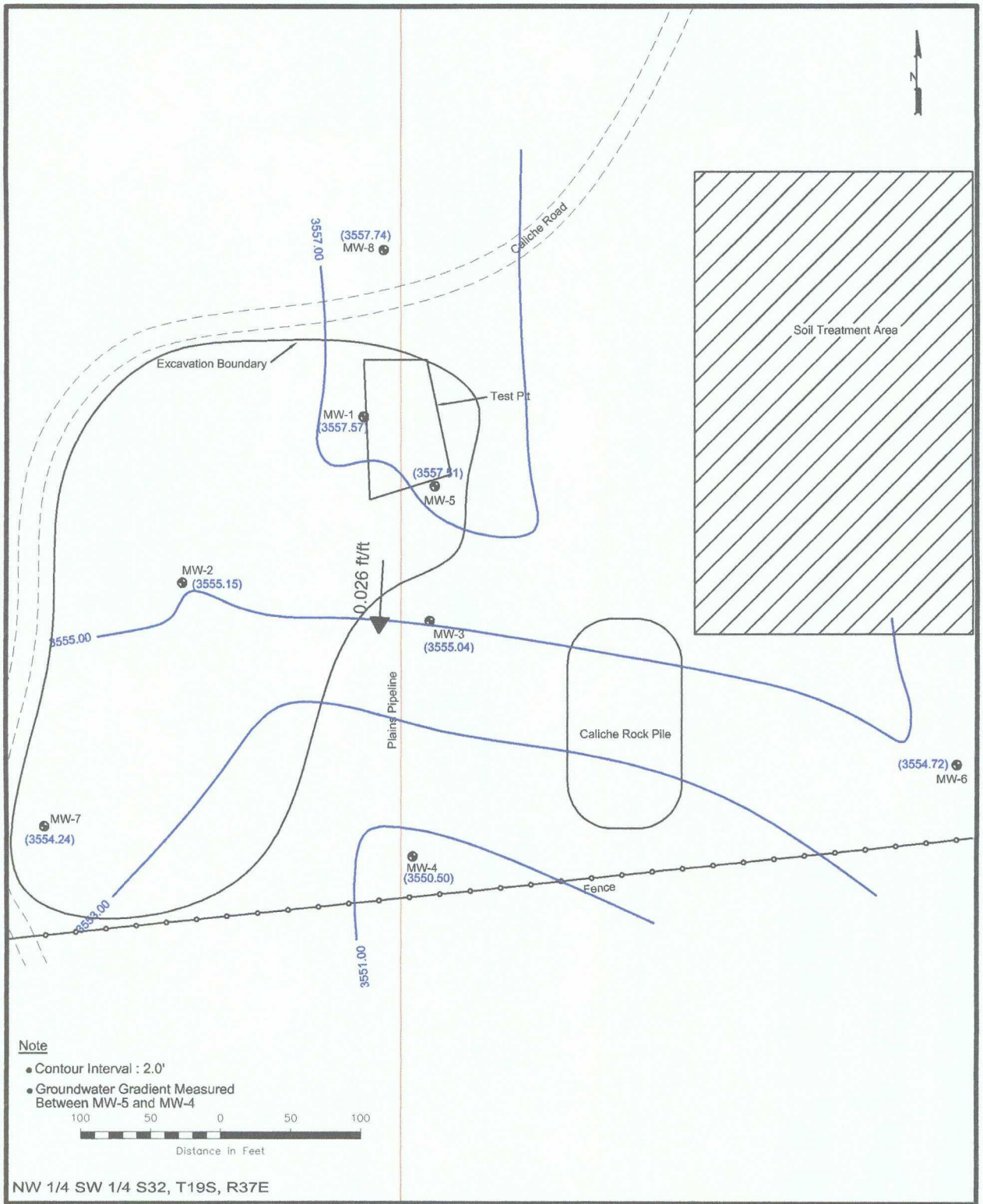
Plains Marketing, L.P.

LF - 59
Monument, NM

NOVA Safety and Environmental

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	CAD By: DGC	Checked By: CDS
June 23, 2006		



LEGEND:

- Monitor Well Location
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2C

NMOCD Inferred Groundwater Gradient Map (9/12/06)

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	CAD By: DGC	Checked By: CDS
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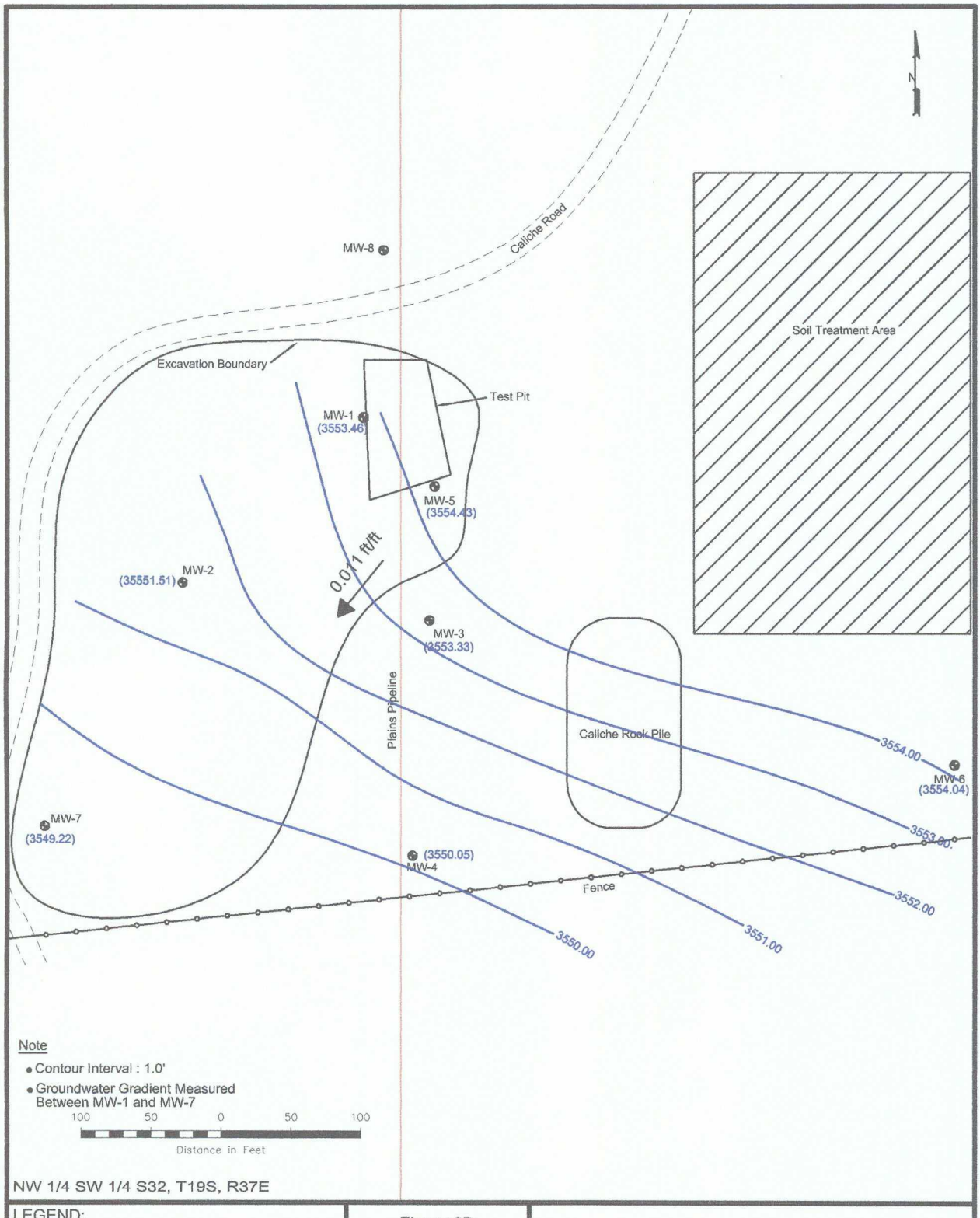


LEGEND:

- Monitor Well Location
- (3547.11) Groundwater Elevation in Feet
- Groundwater Elevation Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

Figure 2D

NMOCD Inferred Groundwater Gradient Map (11/22/06)

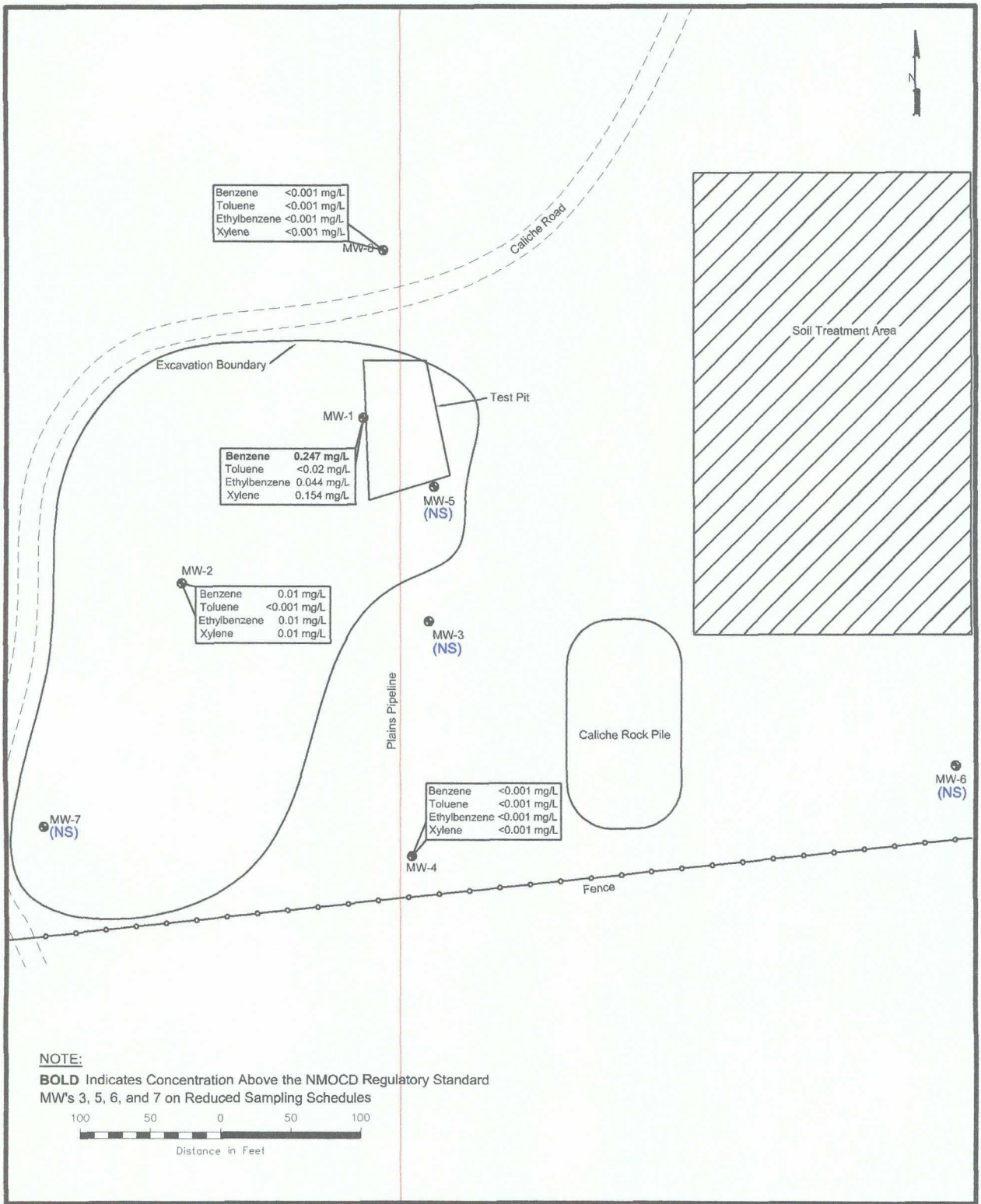
Plains Marketing, L.P.

LF - 59
Monument, NM

NOVA Safety and Environmental

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	CAD By: DGC	Checked By: CDS
January 5, 2007		



LEGEND:

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

Figure 3A

NMOCD Groundwater Concentration and Inferred PSH Extent Map (03/08/06)

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	CAD By: DGC	Checked By: CDS
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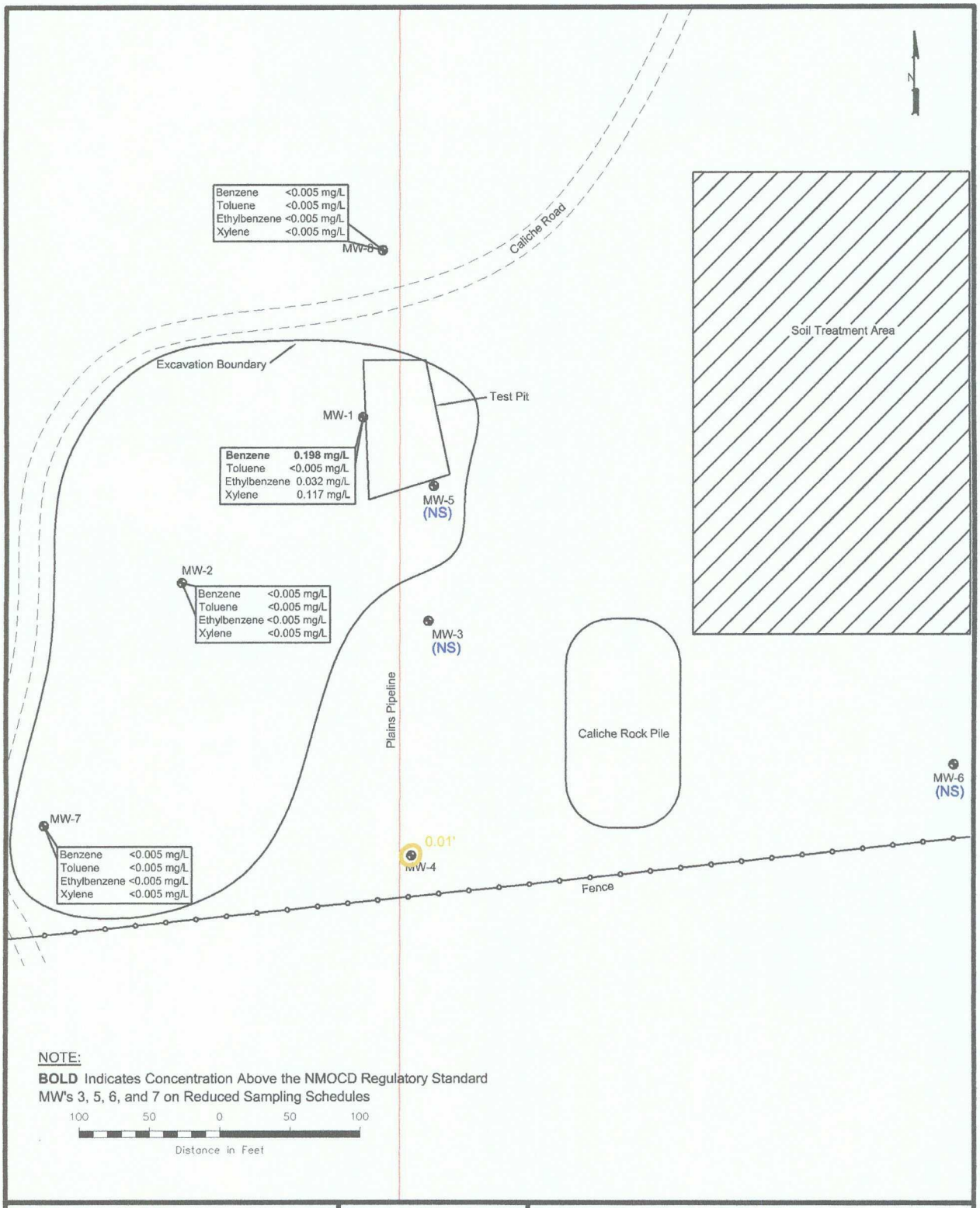


LEGEND:

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

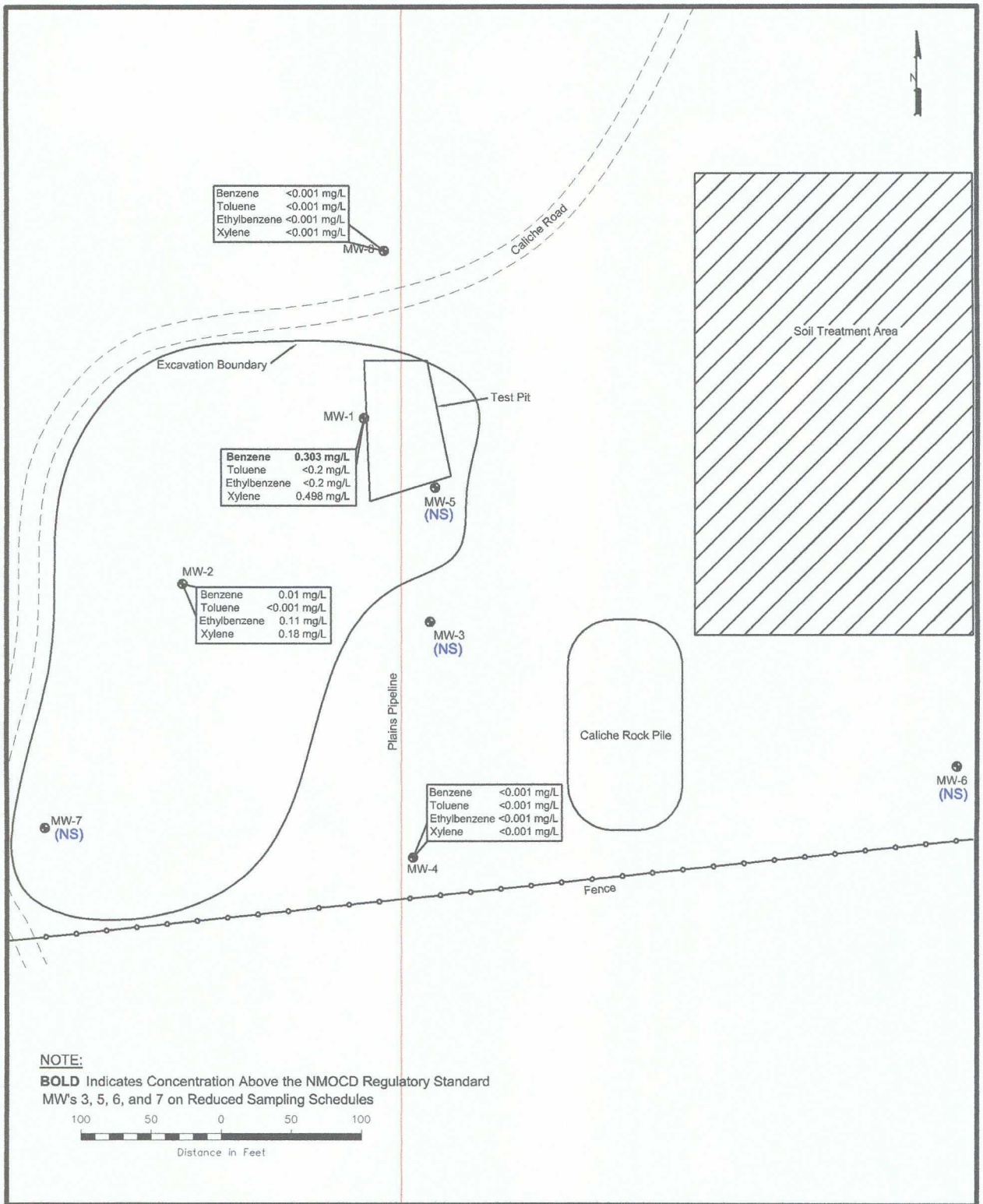
Figure 3B

NMOCD Groundwater Concentration and Inferred PSH Extent Map (06/7/06)

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	CAD By: DGC	Checked By: CDS
July 24, 2006		



LEGEND:

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

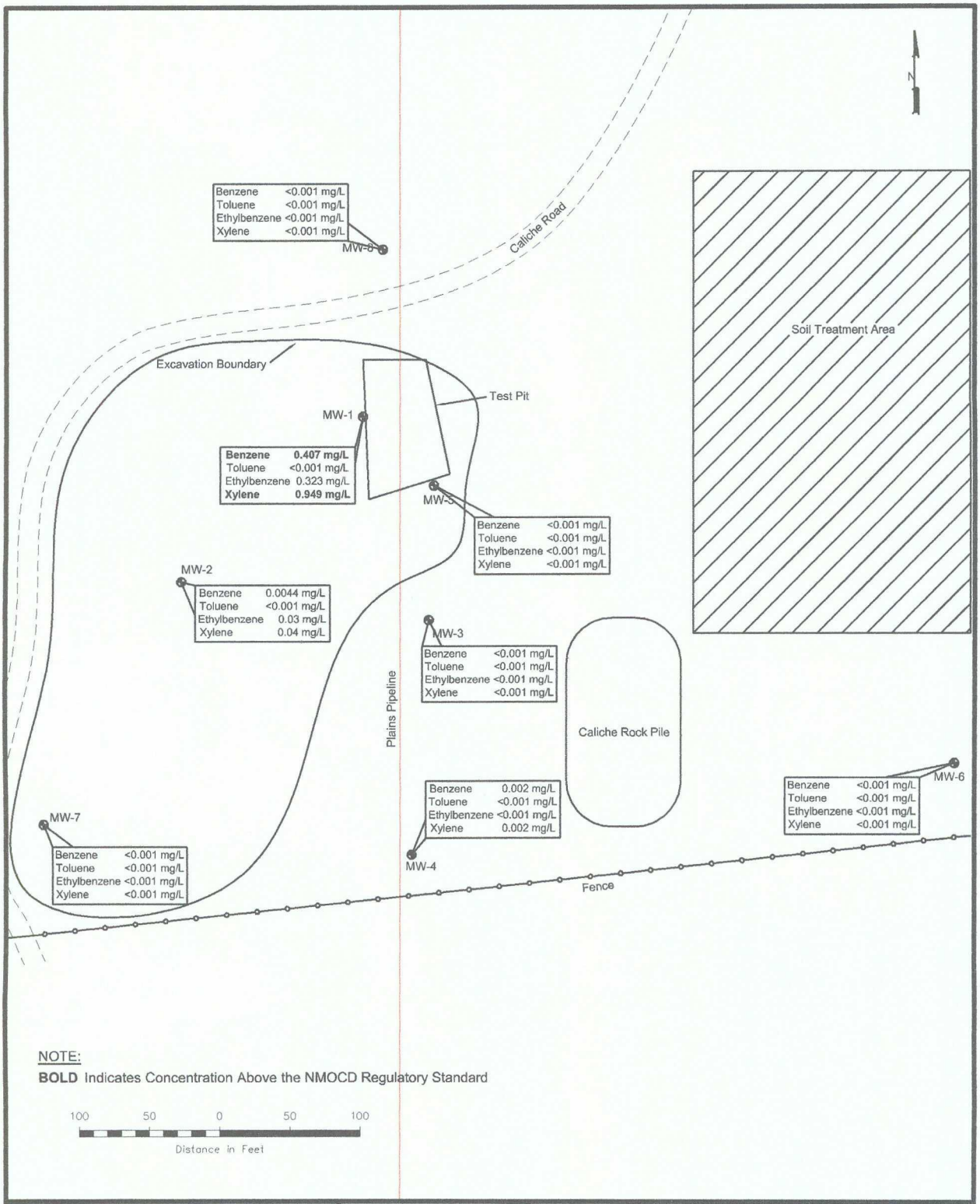
Figure 3C

NMOCD Groundwater Concentration and Inferred PSH Extent Map (09/12/06)

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	CAD By: DGC	Checked By: CDS
January 30, 2007		



NOTE:

BOLD Indicates Concentration Above the NMOCD Regulatory Standard

LEGEND:

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

Figure 3D

NMOCD Groundwater Concentration and Inferred PSH Extent Map (11/22/06)

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	CAD By: DGC	Checked By: CDS
January 30, 2007		

TABLES

TABLE 1

2006 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	01/18/06	3,572.21	SHEEN	19.60	0.00	3,552.61
	02/17/06	3,572.21	SHEEN	19.60	0.00	3,552.61
	03/08/06	3,572.21	SHEEN	19.59	0.00	3,552.62
	03/20/06	3,572.21	SHEEN	19.64	0.00	3,552.57
	04/19/06	3,572.21	SHEEN	19.62	0.00	3,552.59
	05/25/06	3,572.21	20.61	20.72	0.11	3,551.58
	06/07/06	3,572.21	SHEEN	19.62	0.00	3,552.59
	07/13/06	3,572.21	SHEEN	19.28	0.00	3,552.93
	07/27/06	3,572.21	SHEEN	19.61	0.00	3,552.60
	08/10/06	3,572.21	-	19.49	0.00	3,552.72
	09/12/06	3,572.21	-	14.64	0.00	3,557.57
	09/16/06	3,572.21	SHEEN	14.71	0.00	3,557.50
	10/04/06	3,572.21	-	19.66	0.00	3,552.55
	11/15/06	3,572.21	-	19.26	0.00	3,552.95
	11/22/06	3,572.21	-	18.75	0.00	3,553.46
MW-2	*03/08/06*	3,571.46	-	22.30	0.00	3,549.16
	06/07/06	3,571.46	SHEEN	22.36	0.00	3,549.10
	07/13/06	3,571.46	-	22.26	0.00	3,549.20
	07/27/06	3,571.46	SHEEN	22.31	0.00	3,549.15
	08/10/06	3,571.46	-	22.16	0.00	3,549.30
	09/12/06	3,571.46	-	16.31	0.00	3,555.15
	09/16/06	3,571.46	SHEEN	16.78	0.00	3,554.68
	10/04/06	3,571.46	-	16.35	0.00	3,555.11
	11/15/06	3,571.46	-	16.00	0.00	3,555.46
	11/22/06	3,571.46	-	19.95	0.00	3,551.51
MW-3	*03/08/06*	3,573.46	-	20.57	0.00	3,552.89
	06/07/06	3,573.46	-	20.62	0.00	3,552.84
	09/12/06	3,573.46	-	18.42	0.00	3,555.04
	11/22/06	3,573.46	-	20.13	0.00	3,553.33
MW-4	01/18/06	3,570.15	SHEEN	20.82	0.00	3,549.33
	02/17/06	3,570.15	SHEEN	20.83	0.00	3,549.32
	03/08/06	3,570.15	SHEEN	20.75	0.00	3,549.40
	03/20/06	3,570.15	SHEEN	20.61	0.00	3,549.54
	04/19/06	3,570.15	SHEEN	20.60	0.00	3,549.55
	05/25/06	3,570.15	SHEEN	20.61	0.00	3,549.54
	06/07/06	3,570.15	20.61	20.62	0.01	3,549.54
	06/08/06	3,570.15	20.59	20.61	0.02	3,549.56

TABLE 1

2006 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	07/13/06	3,570.15	SHEEN	20.59	0.00	3,549.56
	07/27/06	3,570.15	SHEEN	20.77	0.00	3,549.38
	08/10/06	3,570.15	SHEEN	20.84	0.00	3,549.31
	09/12/06	3,570.15	-	19.65	0.00	3,550.50
	09/16/06	3,570.15	SHEEN	19.67	0.00	3,550.48
	10/04/06	3,570.15	SHEEN	19.71	0.00	3,550.44
	11/15/06	3,570.15	SHEEN	19.42	0.00	3,550.73
	11/22/06	3,570.15	SHEEN	20.10	0.00	3,550.05
MW-5	*03/08/06*	3,572.92	-	19.32	0.00	3,553.60
	06/07/06	3,572.92	-	19.39	0.00	3,553.53
	09/12/06	3,572.92	-	15.41	0.00	3,557.51
	11/22/06	3,572.92	-	18.49	0.00	3,554.43
MW-6	*03/08/06*	3,572.11	-	18.53	0.00	3,553.58
	06/07/06	3,572.11	-	18.66	0.00	3,553.45
	09/12/06	3,572.11	-	17.39	0.00	3,554.72
	11/22/06	3,572.11	-	18.07	0.00	3,554.04
MW-7	*03/08/06*	3,569.75	-	22.99	0.00	3,546.76
	06/07/06	3,569.75	-	23.06	0.00	3,546.69
	09/12/06	3,569.75	-	15.57	0.00	3,554.18
	11/22/06	3,569.75	-	20.81	0.00	3,548.94
MW-8	*03/08/06*	3,573.59	-	20.95	0.00	3,552.64
	06/07/06	3,573.59	-	21.06	0.00	3,552.53
	09/12/06	3,573.59	-	15.85	0.00	3,557.74
	11/22/06	3,573.59	-	20.53	0.00	3,553.06

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

TABLE 2

2006 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	03/08/06	**0.247**	<0.02	0.044	0.154	
	06/07/06	**0.198**	<0.005	0.032	0.117	
	09/12/06	**0.303**	<0.2	<0.2	0.498	
	11/22/06	**0.407**	<0.001	0.323	**0.949**	
MW-2	03/08/06	0.01	<0.001	0.01	0.01	
	06/07/06	<0.005	<0.005	<0.005	<0.005	
	09/12/06	0.01	<0.001	0.11	0.18	
	11/22/06	0.0044	<0.001	0.03	0.04	
MW-3	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	Not Sampled on Current Sample Schedule				
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
MW-4	03/08/06	<0.001	<0.001	<0.001	<0.001	
	06/07/06	Not sampled				
	09/12/06	<0.001	<0.001	<0.001	<0.001	
	11/22/06	0.002	<0.001	<0.001	0.002	
MW-5	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	Not Sampled on Current Sample Schedule				
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
MW-6	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	Not Sampled on Current Sample Schedule				
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
MW-7	03/08/06	Not Sampled on Current Sample Schedule				
	06/07/06	<0.005	<0.005	<0.005	<0.005	
	09/12/06	Not Sampled on Current Sample Schedule				
	11/22/06	<0.001	<0.001	<0.001	<0.001	
MW-8	03/08/06	<0.001	<0.001	<0.001	<0.001	
	06/07/06	<0.005	<0.005	<0.005	<0.005	
	09/12/06	<0.001	<0.001	<0.001	<0.001	

TABLE 2

2006 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-8	11/22/06	<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:
Release Notification and Corrective Action
(Form C-141)

811 South First
Artesia, NM 88210
District III - (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 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.

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 ☐