1R - 404

Annual GW Mon. REPORTS

DATE:
2007

2007
ANNUAL MONITORING REPORT

LEA STATION TO MONUMENT 6 INCH

NE ¼ SE ¼ of SECTION 5, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: 2001-11056
NMOCD File Number 1R-0404

PREPARED FOR:

PLAINS MARKETING, L.P.
333 CLAY STREET SUITE 1600
HOUSTON, TEXAS 77022

NOVA
safety and environmental

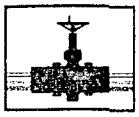
PREPARED BY:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

March 2008

Curt D. Stanley
Project Manager

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



RECEIVED
2008 APR 1 PM 2 07

March 28, 2008

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

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

Dear Mr. Hansen:

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	Section 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 #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
Lea Station to Monument 6"	Section 5, Township 20 South, Range 37 East, Lea County
34 Junction South Station	Section 2, Township 17 South, Range 36 East, Lea County
Bob Durham	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #4	Sections 2 and 11, Township 15 South, Range 37 East, Lea County
HDO 90-23	Section 6, Township 20 South, Range 37 East, Lea County
Junction 34 to Lea	Section 21, Township 20 South, Range 37 East, Lea County
Monument #2	Section 6, Township 20 South, Range 37 East, Lea County
Monument Barber 10" Sour	Section 32, Township 19 South, Range 37 East, Lea County
Monument #11	Section 30, Township 19 South, Range 37 East, Lea County
Red Byrd #1	Section 1, Township 20 South, Range 36 East, Lea County
South Monument Gathering	Section 5, Township 20 South, Range 37 East, Lea County
Denton Station	Section 14, Township 15 South, Range 37 East, Lea County

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

order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

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

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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ENCLOSED ON DATA DISK

2007 Annual Monitoring Report
2007 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data
2007 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 Lea Station to Monument 6-Inch site, formally the responsibility of Enron Oil Trading and Transportation (EOTT) is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, attachments, tables and text. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2007 only. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2007 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). The groundwater monitoring events consisted of measuring static water levels in the monitor wells, checking for the presence of PSH, 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 NE ¼ of the SE ¼ of Section 5, Township 20 South, Range 37 East, Lea County, New Mexico. A three barrel release, with no recovery occurred on August 3, 2001. The surface expression of the release resulted in an irregularly shaped stained surface area measuring approximately 175 feet in length by 30 feet in width. EOTT conducted initial response actions by excavating impacted soil from around the pipeline, locating the release point and repairing the pipeline. The Release Notification and Corrective Action (Form C-141) is provided as Appendix A

Currently, there are nine (9) monitor wells (MW-1 through MW-9) on site.

RECENT FIELD ACTIVITIES

During the 2007 reporting period, measurable PSH or hydrocarbon sheen was not observed in any of the site monitor wells. The 2007 gauging data is provided in Table 1.

In previous correspondence dated April 28, 2004, the NMOCD approved the current sampling schedule. The table below illustrates the current schedule.

NMOCD APPROVED SAMPLING SCHEDULE	
Sample Location	**Sampling Schedule**
MW-1	Annually
MW-2	Quarterly
MW-3	Annually
MW-4	Annually
MW-5	Quarterly

NMOCD APPROVED SAMPLING SCHEDULE CONTINUED	
Sample Location	**Sampling Schedule**
MW-6	Quarterly
MW-7	Quarterly
MW-8	Quarterly
MW-9	Quarterly

The site monitor wells were gauged and sampled on February 22, May 14, August 10, and November 15, 2007. During each sampling event, the monitor wells were purged a minimum of three well volumes of water or until the wells were dry using a disposable polyethylene bailer or electrical 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 at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, constructed from measurements collected during quarterly sampling events, are depicted on Figures 2A-2D, the Inferred Groundwater Gradient Maps. The 2007 groundwater elevation data is provided as Table 1. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0002 feet/foot to the east-southeast as measured between monitor wells MW-2 and MW-9. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3529.92 to 3530.51 feet above mean sea level, in monitor wells MW-4, MW-6 and MW-9 on November 15, 2007 and in monitor well MW-2 on May 14, 2007, respectively.

LABORATORY RESULTS

During the 2007 reporting period, measurable PSH or hydrocarbon sheen was not observed in any of the site monitor wells.

Groundwater samples obtained during 2007 groundwater sampling events were delivered to Trace Analysis of Lubbock, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW 846-8021b. A listing of BTEX constituent concentrations for 2007 is summarized in Table 2 and electronic copies of the laboratory reports from this reporting period are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A-3D.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the laboratory method detection limits (MDL) and NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters.

Monitor well MW-2 is sampled on a quarterly schedule and analytical results indicate benzene, toluene, and ethylbenzene constituent concentrations were below the MDL and NMOCD

regulatory standard for each BTEX constituent during the four quarterly sampling events. Xylene concentrations ranged from <0.001 mg/L during the 1st, 2nd and 3rd quarters to 0.0025 mg/L during the 4th quarter of 2007. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirteen consecutive quarters.

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 BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fourteen consecutive quarters.

Monitor well MW-4 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each BTEX constituent during the 4th quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-two consecutive quarters.

Monitor well MW-5 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1st 2nd and 3rd quarters to 0.0035 mg/L during the 4th quarter of 2007. Benzene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Toluene constituent concentrations were below MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0016 mg/L during the 1st quarter of 2007. Ethylbenzene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0038 mg/L during the 2nd quarter of 2007. Xylene concentrations were below NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last ten consecutive quarters.

Monitor well MW-6 is sampled on a semi-annual schedule and analytical results indicate the benzene concentration ranged from <0.001 mg/L during the 2nd quarter to 0.0024 mg/L during the 4th quarter of 2007. Toluene, ethylbenzene, and xylene constituent concentrations were below the MDL and NMOCD regulatory standard for each BTEX constituent during the 2nd and 4th quarterly sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fourteen consecutive quarters.

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 each BTEX constituent during all four quarters of the reporting period, with the exception of the 4th quarter xylene results, which indicated a xylene concentration of 0.0016 mg/L (below NMOCD regulatory standard). The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fourteen consecutive quarters.

Monitor well MW-9 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard for each BTEX constituent during all four quarters of the reporting period, with the exception of the 4th quarter benzene results, which indicated a benzene concentration of 0.0016 mg/L. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eleven consecutive quarters.

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

SUMMARY

This report presents the results of groundwater monitoring activities for the annual monitoring period 2007. As discussed above, none of the site monitor wells exhibited measurable PSH or hydrocarbon sheen during the reporting period.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0002 feet/foot to the east-southeast as measured between monitor wells MW-2 and MW-9.

As discussed above, BTEX constituent concentrations were below NMOCD regulatory standard in all nine monitor wells during the 2007 reporting period.

ANTICIPATED ACTIONS

The 2006 Annual Monitoring Report was submitted to the NMOCD in April 2007. To date, Plains has not received a response to this report.

Quarterly groundwater monitoring, gauging and sampling will continue. Analytical results indicate the on site monitor and recovery wells have posted a minimum of ten consecutive quarters below the NMOCD regulatory standard for BTEX constituents. Pending favorable analytical results and the absence of any hydrocarbon sheen, Plains will submit a groundwater closure request to the NMOCD following the 3rd quarter 2008 sampling event.

Plains submitted a *Soil Remediation Work Plan* to the NMOCD in March 2006 to address the remaining hydrocarbon impacted soil onsite and to progress this site toward an NMOCD approved closure. This Work plan was approved by the NMOCD in an email dated February 19, 2008. Plains anticipates commencing and completing the soil remediation activities outlined in

the Work Plan during the 2nd quarter of 2008. A Soil Closure Request will be submitted to the NMOCD following the completion of these activities.

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 Hansen
New Mexico Energy, Minerals and Natural Resources Department
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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

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jpdann@paalp.com

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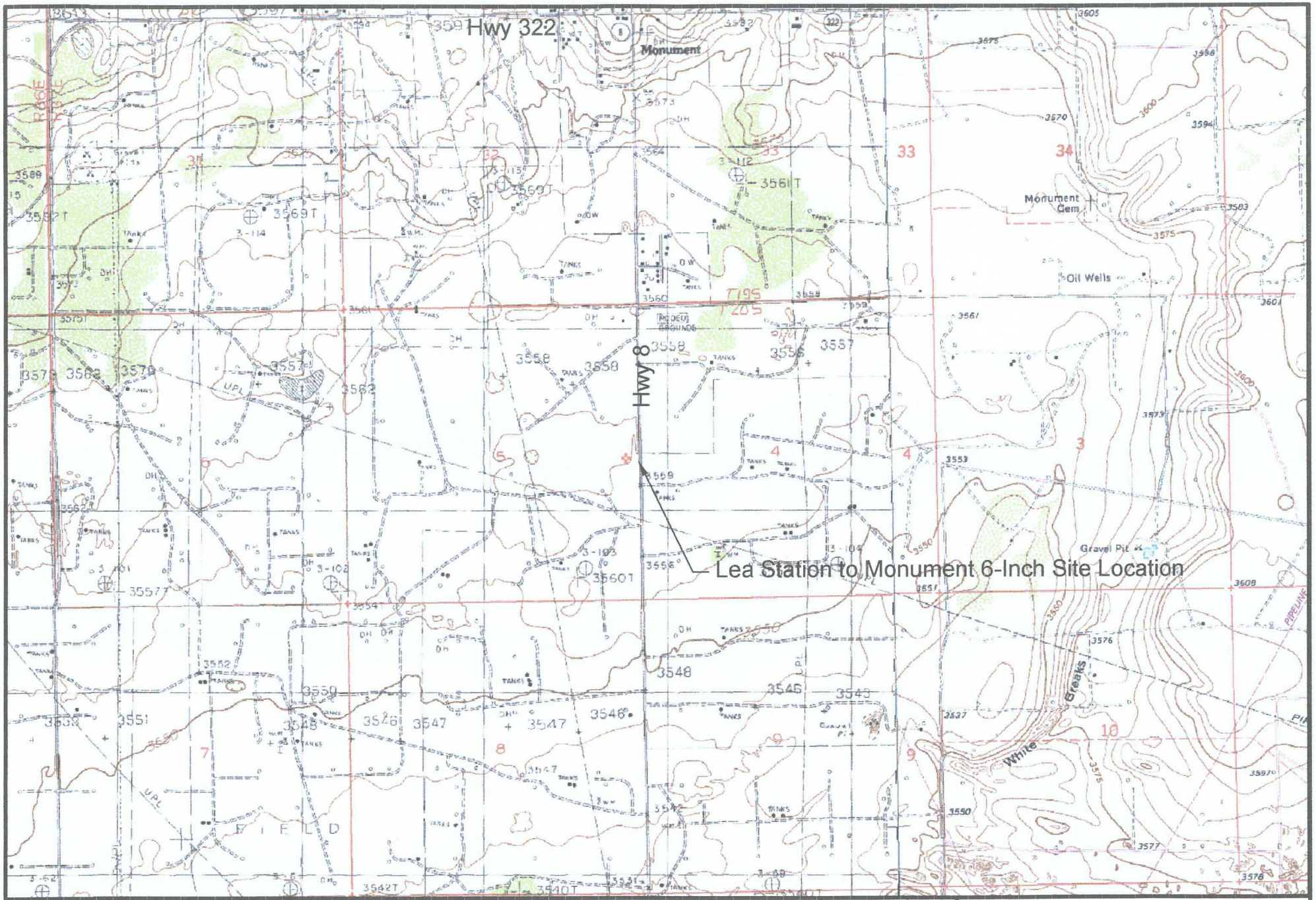
cstanley@novatraining.cc

Figures



NMOCD Reference # 1R-0404
NE 1/4, SE 1/4, Sec. 5 T20S, R37E

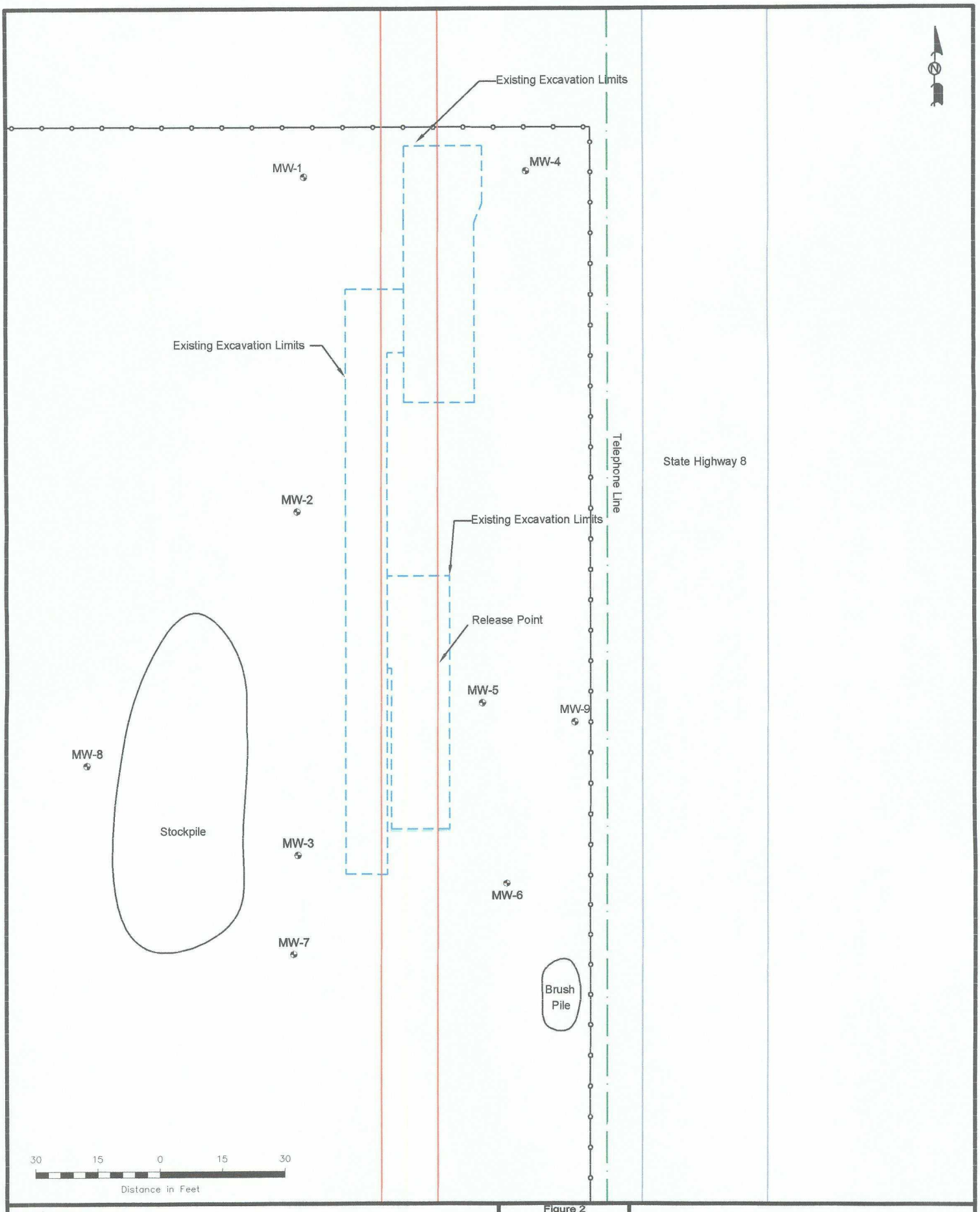
Figure 1
Site Location
Map

Plains Marketing, L.P.
Lea Station to
Monument 6-Inch
Lea County, NM

NOVA Safety and Environmemntal

NOVA safety and environmental

Scale: NTS	Prep By: CDS	Checked By: TKC
February 10, 2005	Lat. 32° 36' 8.4"N Long. 103° 15' 55.1"	



Legend:

- GeoProbe Sample Location
- Pipeline
- Fence
- Monitor Well Location

Figure 2

Site Map

Plains Pipeline, L.P.
Lea Station to
Monument 6" Pipeline
Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: 1" = 30'	Prep By: CS	Checked By: TKC
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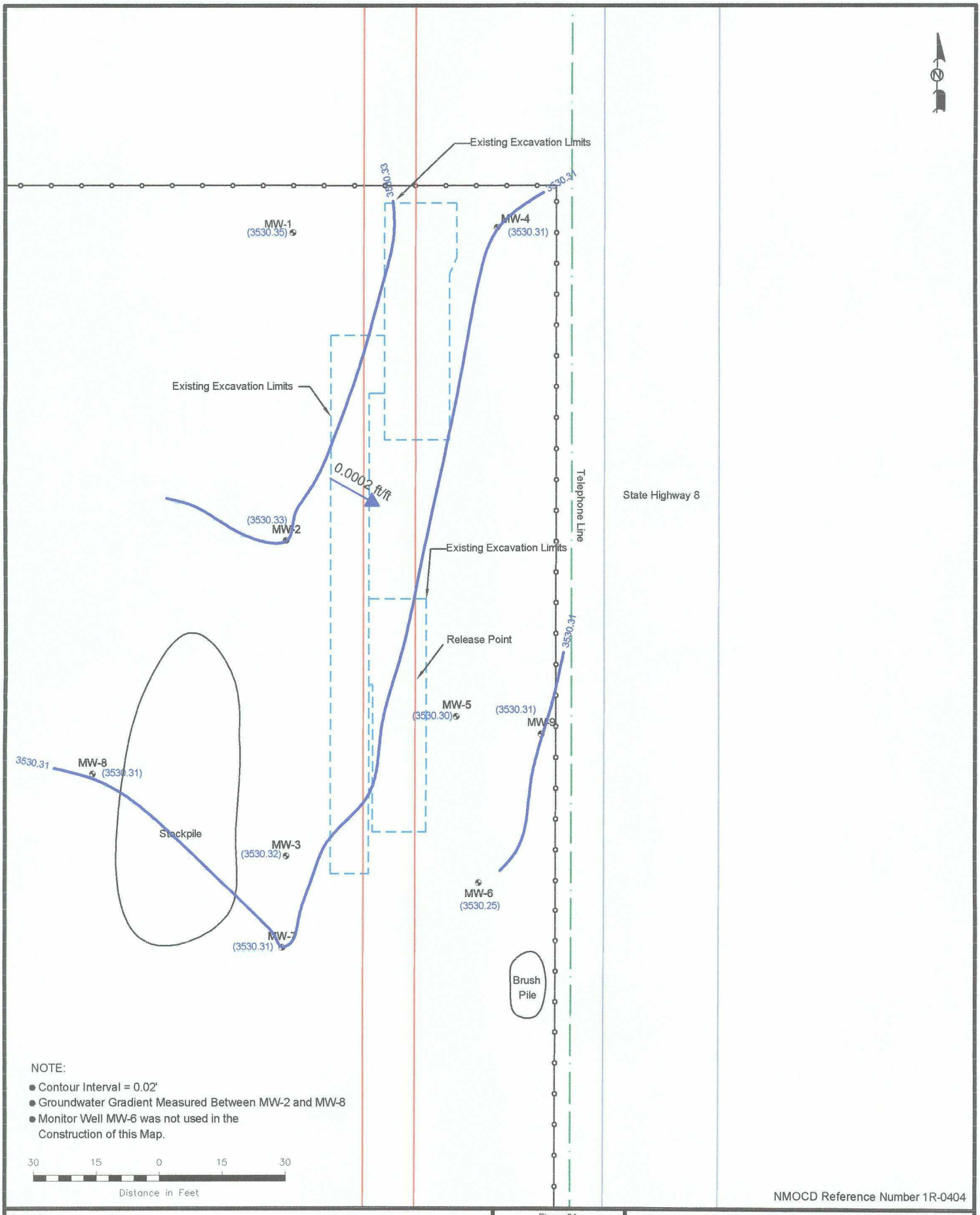


NMOCD Reference Number 1R-0404

Legend:
- Monitor Well Location
- Pipeline
- Fence
- (3523.35) Groundwater Elevation (In Feet)
- Groundwater Gradient Contour Line
- 0.001 ft/ft Groundwater Gradient and Magnitude

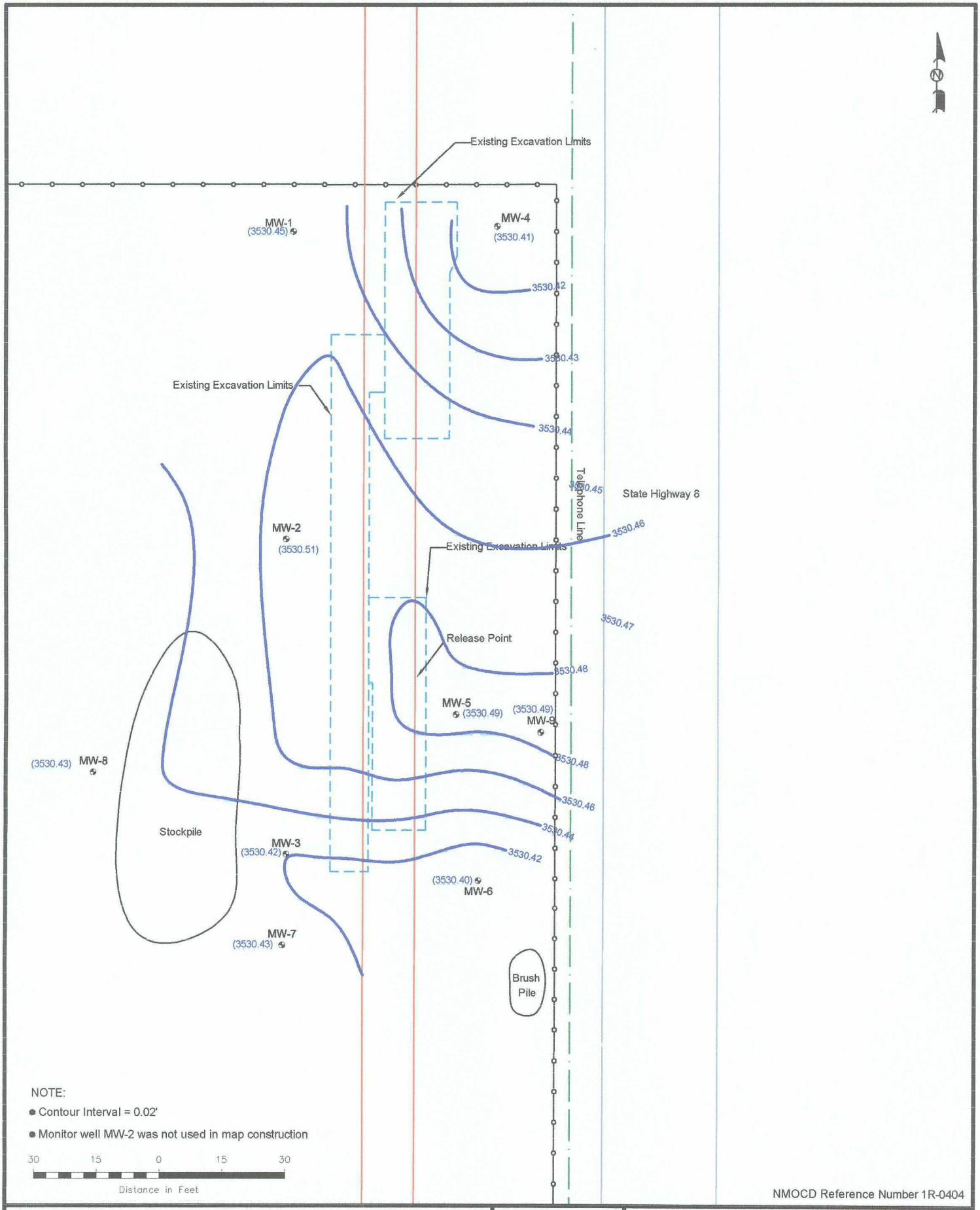
NE 1/4, SE 1/4, Sec. 5, T20S, R37E

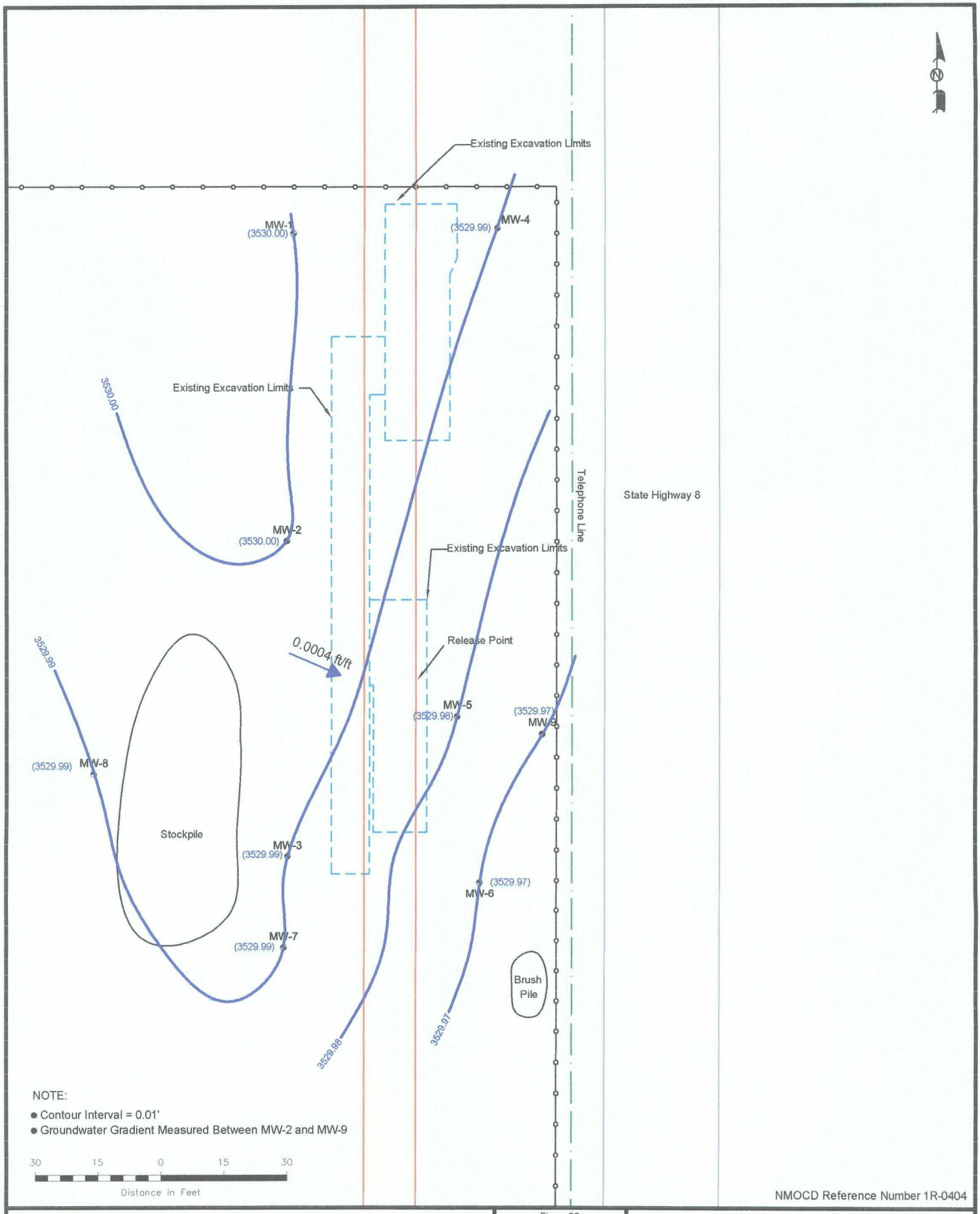
Figure 2A
Inferred Groundwater Gradient Map (02/22/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 30'	CAD By: DGC	Checked By: CDS
September 27, 2007	Lat. 32° 36' 6.4"N	Long. 103° 15' 55.1"


Existing Excavation Limits
MW-1
(3530.45)
MW-4
(3530.41)
3530.42
3530.43
Existing Excavation Limits
3530.44
Telephone Line
3530.45
State Highway 8
MW-2
(3530.51)
3530.46
Existing Excavation Limits
3530.47
Release Point
3530.48
MW-5
(3530.49)
(3530.49)
MW-9
(3530.43) MW-8
3530.48
3530.46
3530.44
Stockpile
MW-3
(3530.42)
3530.42
(3530.40)
MW-6
MW-7
(3530.43)
Brush Pile
NOTE:
Contour Interval = 0.02'
Monitor well MW-2 was not used in map construction
30 15 0 15 30
Distance in Feet
NMOCD Reference Number 1R-0404
Legend:
Monitor Well Location
(3523.35) Groundwater Elevation (In Feet)
Groundwater Gradient Contour Line
Pipeline
Fence
NE 1/4, SE 1/4, Sec. 5, T20S, R37E
Figure 2B
Inferred Groundwater Gradient Map (05/14/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM
NOVA Safety and Environmental
NOVA safety and environmental
Scale: 1" = 30'
CAD By: DGC
Checked By: CDS
February 27, 2008
Lat. 32° 36' 6.4"N Long. 103° 15' 55.1"



Legend:

- Monitor Well Location
- (3523.35) Groundwater Elevation (In Feet)
- Groundwater Gradient Contour Line
- Pipeline
- 0.001 ft/ft Groundwater Gradient and Magnitude
- Fence

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

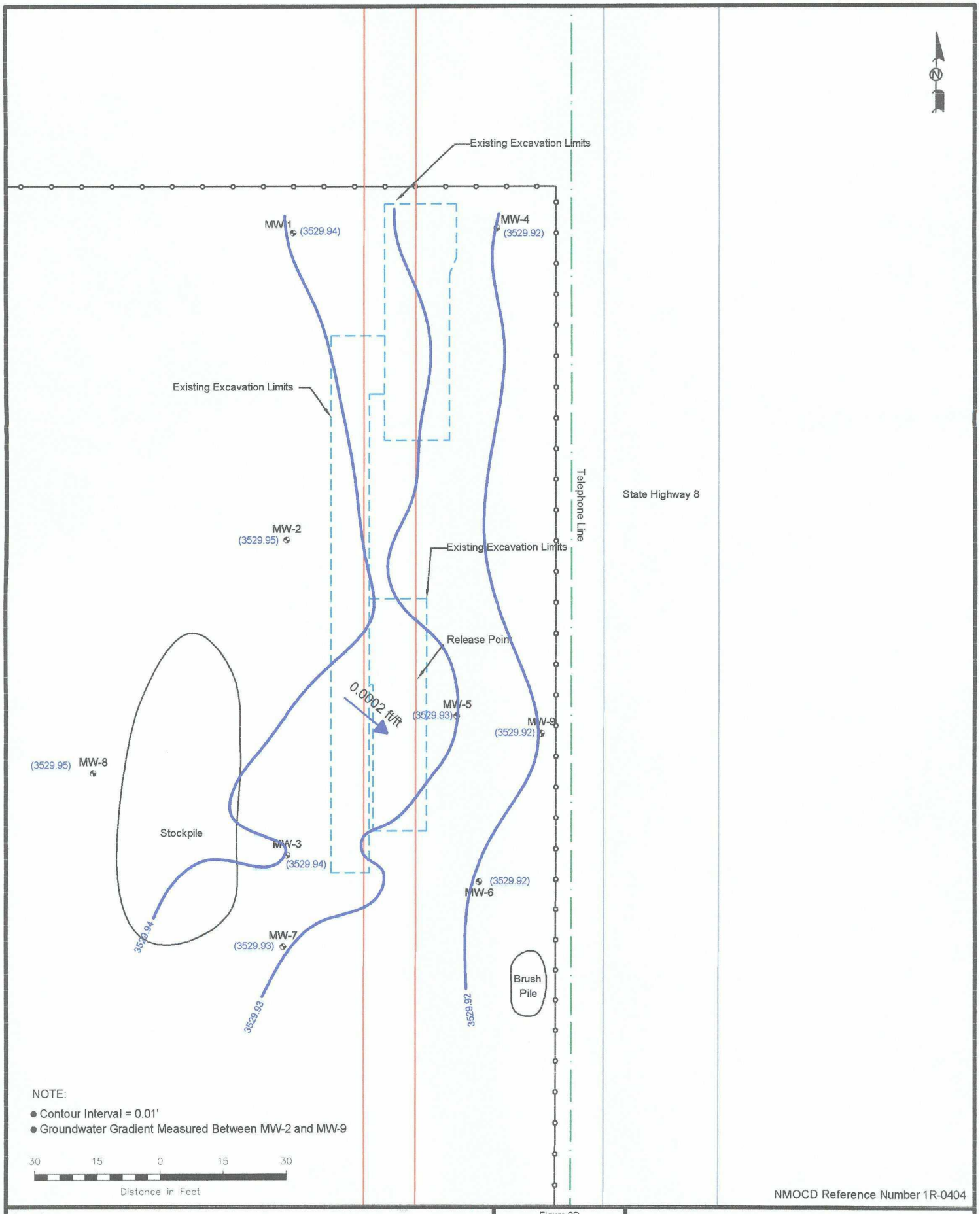
Figure 2C

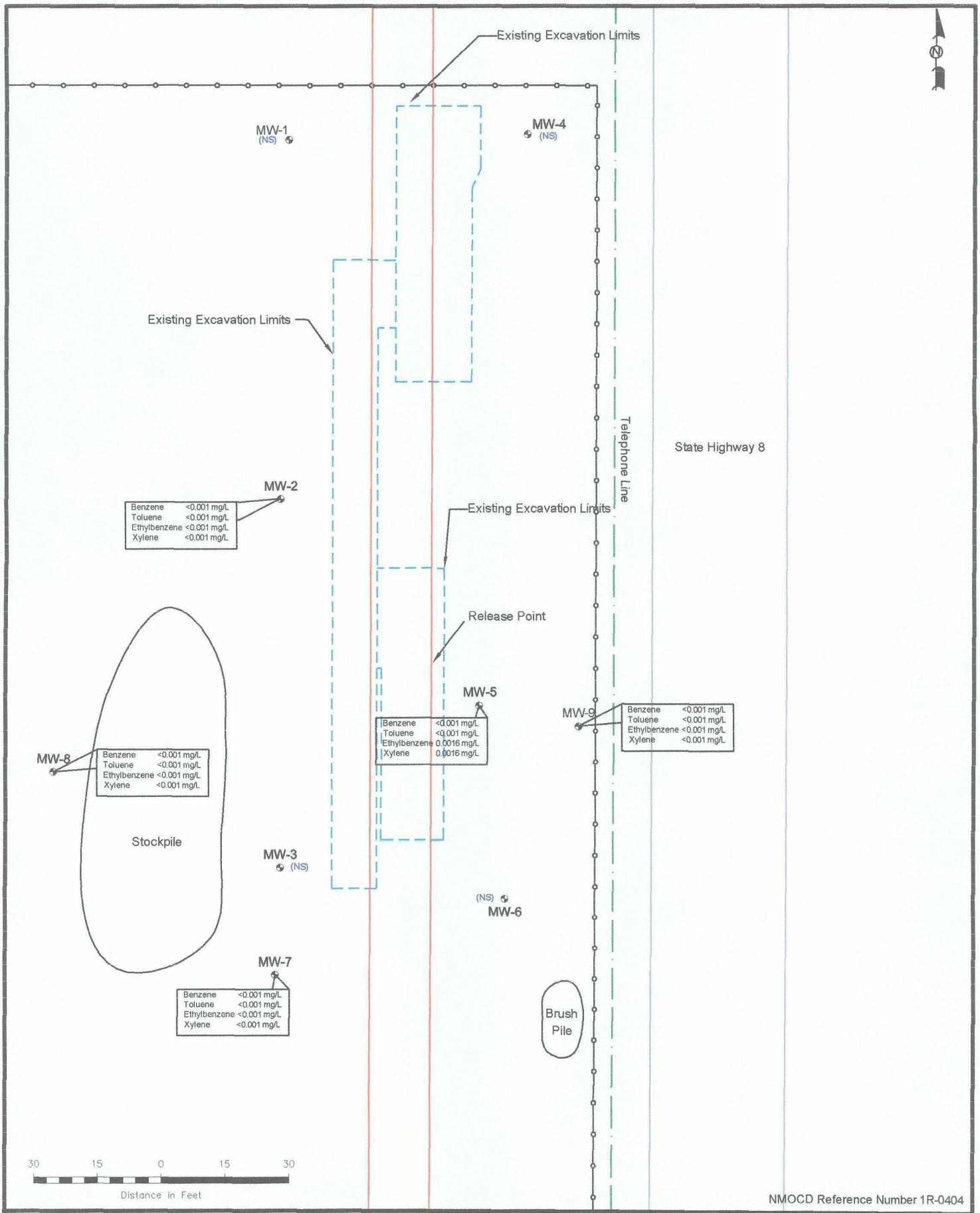
Inferred Groundwater Gradient Map (08/10/07)

Plains Pipeline, L.P.
Lea Station to
Monument 6" Pipeline
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 30'	CAD By: DGC	Checked By: CDS
September 27, 2007	Lat. 32° 36' 6.4"N	Long. 103° 15' 55.1"


Existing Excavation Limits
MW-1 (3529.94)
MW-4 (3529.92)
Existing Excavation Limits
Telephone Line
State Highway 8
MW-2 (3529.95)
Existing Excavation Limits
Release Point
0.0002 ft/ft
MW-5 (3529.93)
MW-9 (3529.92)
(3529.95) MW-8
Stockpile
MW-3 (3529.94)
(3529.92) MW-6
3529.94
MW-7 (3529.93)
Brush Pile
3529.93
3529.92
NOTE:
Contour Interval = 0.01'
Groundwater Gradient Measured Between MW-2 and MW-9
30 15 0 15 30
Distance in Feet
NMOCD Reference Number 1R-0404
Legend:
Monitor Well Location
(3523.35) Groundwater Elevation (In Feet)
Groundwater Gradient Contour Line
Pipeline
0.001 ft/ft Groundwater Gradient and Magnitude
Fence
NE 1/4, SE 1/4, Sec. 5, T20S, R37E
Figure 2D
Inferred Groundwater Gradient Map (11/15/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM
NOVA Safety and Environmental
NOVA safety and environmental
Scale: 1" = 30'
CAD By: DGC
Checked By: CDS
September 27, 2007
Lat. 32° 36' 6.4"N Long. 103° 15' 55.1"



Legend:

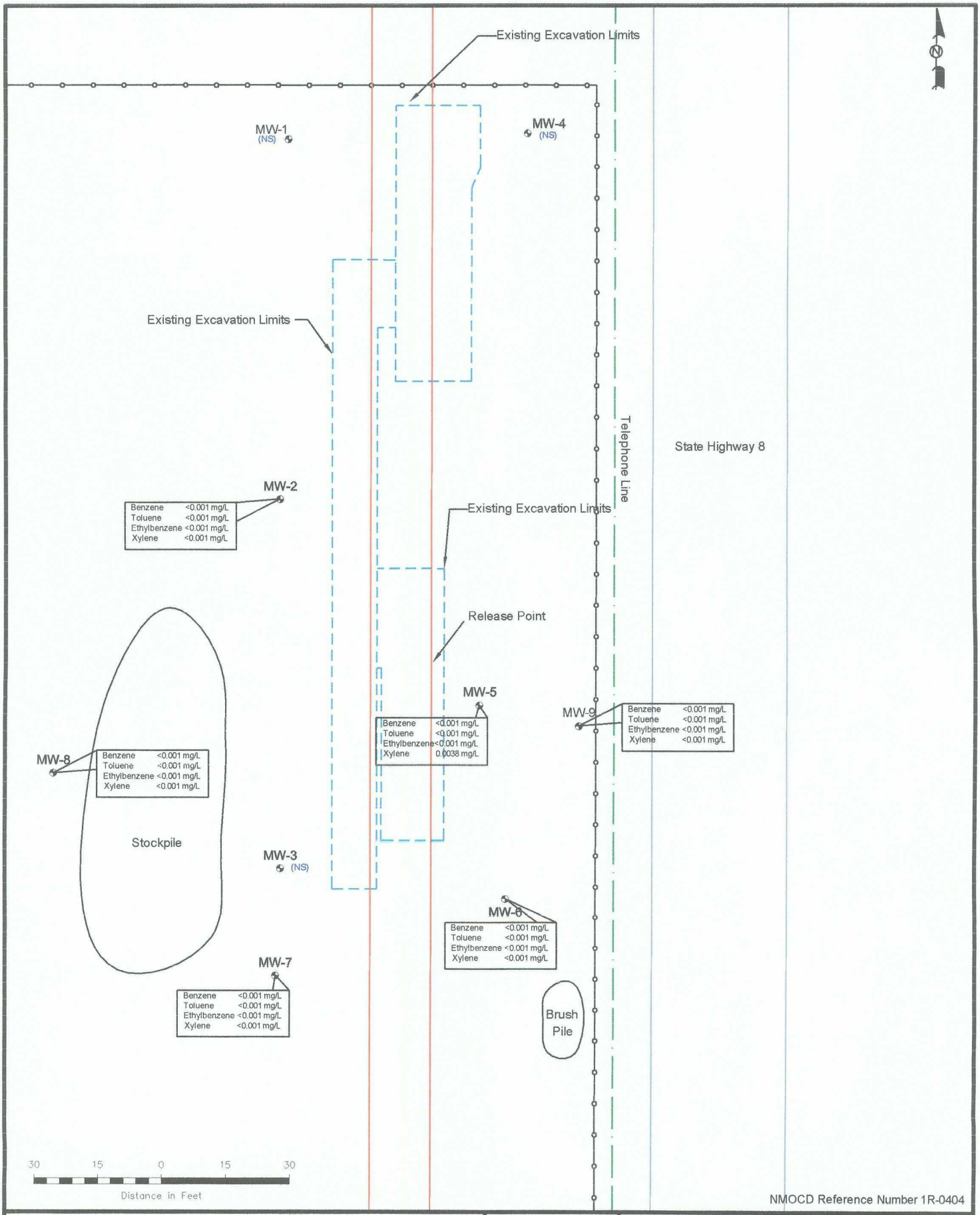
- Monitor Well Location
- Pipeline
- Fence
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 3A
Groundwater Concentration and Inferred PSH Extent (02/22/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 30'	CAD By: DGC	Checked By: CDS
September 25, 2007	Lat. 32° 36' 6.4"N	Long. 103° 15' 55.1"



Legend:

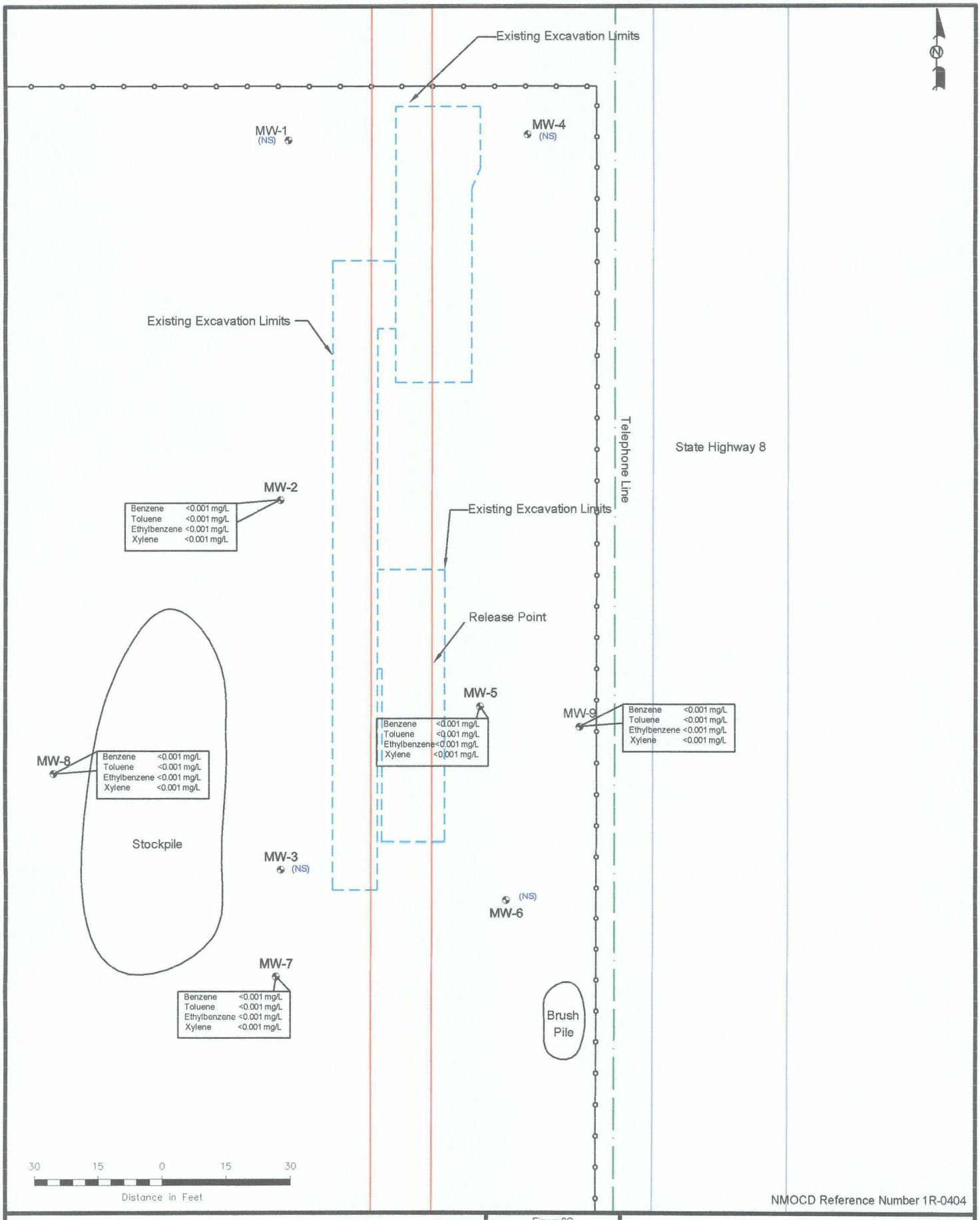
- Monitor Well Location
- Pipeline
- Fence
- <0.001 Constituent Concentration (mg/L)
- (NS) Not Sampled

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 3B
Groundwater Concentration and Inferred PSH Extent (05/14/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 30'	CAD By: DGC	Checked By: CDS
September 25, 2007	Lat. 32° 36' 6.4"N Long. 103° 15' 55.1"	



Legend:

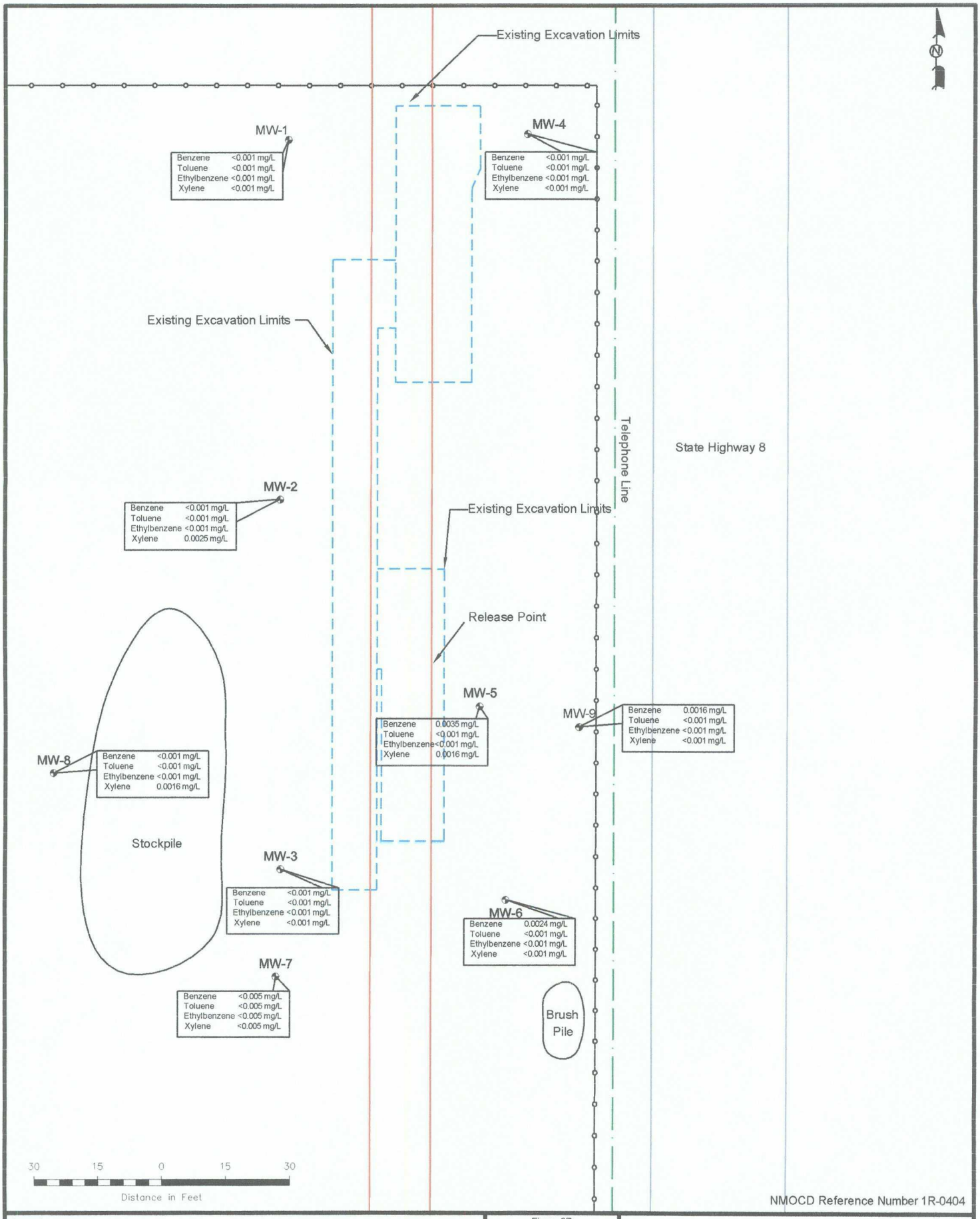
- Monitor Well Location
- Pipeline
- Fence
- (NS) Not Sampled
- <0.001 Constituent Concentration (mg/L)

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 3C
Groundwater Concentration and Inferred PSH Extent (08/10/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 30'	CAD By: DGC	Checked By: CDS
September 25, 2007	Lat. 32° 36' 6.4"N	Long. 103° 15' 55.1"



Legend:

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

NE 1/4, SE 1/4, Sec. 5, T20S, R37E

Figure 3D
Groundwater Concentration and Inferred PSH Extent (11/15/07)
Plains Pipeline, L.P.
Lea Station to Monument 6" Pipeline
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental

Scale: 1" = 30'	CAD By: DGC	Checked By: CDS
January 25, 2008	Lat. 32° 36' 6.4"N	Long. 103° 15' 55.1"

Tables

TABLE 1

2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P.
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0404

SAMPLE LOCATION	SAMPLE DATE	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	*02/22/07*	3562.67	-	32.32	0.00	3530.35
	05/14/07	3562.67	-	32.22	0.00	3530.45
	08/10/07	3562.67	-	32.67	0.00	3530.00
	11/15/07	3562.67	-	32.73	0.00	3529.94
MW-2	*02/22/07*	3563.00	-	32.67	0.00	3530.33
	05/14/07	3563.00	-	32.49	0.00	3530.51
	08/10/07	3563.00	-	33.00	0.00	3530.00
	11/15/07	3563.00	-	33.05	0.00	3529.95
MW-3	*02/22/07*	3562.60	-	32.28	0.00	3530.32
	05/14/07	3562.60	-	32.18	0.00	3530.42
	08/10/07	3562.60	-	32.61	0.00	3529.99
	11/15/07	3562.60	-	32.66	0.00	3529.94
MW-4	*02/22/07*	3562.85	-	32.54	0.00	3530.31
	05/14/07	3562.85	-	32.44	0.00	3530.41
	08/10/07	3562.85	-	32.86	0.00	3529.99
	11/15/07	3562.85	-	32.93	0.00	3529.92
MW-5	*02/22/07*	3564.21	-	33.91	0.00	3530.30
	05/14/07	3564.21	-	33.72	0.00	3530.49
	08/10/07	3564.21	-	34.23	0.00	3529.98
	11/15/07	3564.21	-	34.28	0.00	3529.93
MW-6	*02/22/07*	3563.29	-	33.04	0.00	3530.25
	05/14/07	3563.29	-	32.89	0.00	3530.40
	08/10/07	3563.29	-	33.32	0.00	3529.97
	11/15/07	3563.29	-	33.37	0.00	3529.92
MW-7	*02/22/07*	3562.79	-	32.48	0.00	3530.31
	05/14/07	3562.79	-	32.36	0.00	3530.43
	08/10/07	3562.79	-	32.80	0.00	3529.99
	11/15/07	3562.79	-	32.86	0.00	3529.93
MW-8	*02/22/07*	3563.79	-	33.48	0.00	3530.31
	05/14/07	3563.79	-	33.36	0.00	3530.43
	08/10/07	3563.79	-	33.80	0.00	3529.99
	11/15/07	3563.79	-	33.84	0.00	3529.95
MW-9	*02/22/07*	3563.91	-	33.60	0.00	3530.31
	05/14/07	3563.91	-	33.42	0.00	3530.49
	08/10/07	3563.91	-	33.94	0.00	3529.97
	11/15/07	3563.91	-	33.99	0.00	3529.92

Elevations based on the North American Vertical Datum of 1929.

TABLE 2

2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
LEA STATION TO MONUMENT 6" PIPELINE
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0404

All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	SW 846-8021B, 5030				
		BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	m, p - XYLENES (mg/Kg)	o - XYLENE (mg/Kg)
NMOCD REGULATORY LIMIT		0.01	0.75	0.75	0.62	
MW-1	02/22/07	Not Sampled on Current Sample Schedule				
	05/14/07	Not Sampled on Current Sample Schedule				
	08/10/07	Not Sampled on Current Sample Schedule				
	11/15/07	<0.001	<0.001	<0.001	<0.001	
MW-2	02/22/07	<0.001	<0.001	<0.001	<0.001	
	05/14/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	11/15/07	<0.001	<0.001	<0.001	0.0025	
MW-3	02/22/07	Not Sampled on Current Sample Schedule				
	05/14/07	Not Sampled on Current Sample Schedule				
	08/10/07	Not Sampled on Current Sample Schedule				
	11/15/07	<0.001	<0.001	<0.001	<0.001	<0.001
MW-4	02/22/07	Not Sampled on Current Sample Schedule				
	05/14/07	Not Sampled on Current Sample Schedule				
	08/10/07	Not Sampled on Current Sample Schedule				
	11/15/07	<0.001	<0.001	<0.001	<0.001	
MW-5	02/22/07	<0.001	<0.001	0.0016	0.0016	
	05/14/07	<0.001	<0.001	<0.001	0.0038	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	11/15/07	0.0035	<0.001	<0.001	0.0016	
MW-6	02/22/07	Not Sampled on Current Sample Schedule				
	05/14/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	Not Sampled on Current Sample Schedule				
	11/15/07	0.0024	<0.001	<0.001	<0.001	
MW-7	02/22/07	<0.001	<0.001	<0.001	<0.001	
	05/14/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	11/15/07	<0.005	<0.005	<0.005	<0.005	
MW-8	02/22/07	<0.001	<0.001	<0.001	<0.001	
	05/14/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	11/15/07	<0.001	<0.001	<0.001	0.0016	
MW-9	02/22/07	<0.001	<0.001	<0.001	<0.001	
	05/14/07	<0.001	<0.001	<0.001	<0.001	
	08/10/07	<0.001	<0.001	<0.001	<0.001	
	11/15/07	0.0016	<0.001	<0.001	<0.001	

Appendices

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

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	Lea to Monument 6"	Facility Type:	6" Steel Pipeline

Surface Owner:	Mineral Owner	Lease No.
Laughlin Estate		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	5	20S	37E					Lea

Latitude 32 degrees 36' 06.4" **Longitude** 103 degrees 15' 56.1"

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 3 barrels	Volume Recovered 0 barrels
Source of Release: 6" Steel Pipeline	Date and Hour of Occurrence 8/03/01	Date and Hour of Discovery 14:00
Was Immediate Notice Given? Yes ☐ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Internal corrosion of 6" steel pipeline. A clamp was installed on the line to mitigate the release.

Describe Area Affected and Cleanup Action Taken.* A clamp was installed on the line to mitigate the release. The aerial extent of surface impact was approximately 10' x 80'.
NOTE: This information was obtained from historical EOTT files, Plains acquired EOTT/Link on April 1, 2004 and Plains assumes this information to be correct.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 3/21/2005 Phone: (505)441-0965		

* Attach Additional Sheets If Necessary