

1R - 420

**Annual GW Mon.
REPORTS**

DATE:

2007



2007
ANNUAL MONITORING REPORT

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2008 APR 1 PM 2 08

TEXACO SKELLY F
SW ¼ NW ¼ SECTION 21, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
PLAINS EMS NUMBER: 2002-11229
NMOCD Reference Number 1R-0420

Prepared For:

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



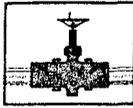
Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

March 2008

Ronald K. Rounsaville
Project Manager

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



March 28, 2008

RECEIVED

2008 APR 1 PM 2 07

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

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,

A handwritten signature in cursive script that reads "Camille Reynolds". The signature is written in black ink and is positioned above the typed name and title.

Camille Reynolds
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

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3C – Groundwater Concentration and Inferred PSH Extent Map – August 22, 2007

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APPENDICES

Appendix A – Monitor Well Details

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

ENCLOSED ON DATA DISK

2007 Annual Monitoring Report

2007 Tables 1, 2 and 3

2007 Figures 1, 2A-2D, and 3A-3D

Boring Logs and Monitor Well Details

Electronic Copies of Laboratory Reports

Historic Tables 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 for the Texaco Skelly F site (the site) were assumed by NOVA. The site, which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with text, figures, tables and appendices. The report presents the results of the quarterly groundwater monitoring events conducted in calendar year 2007 only. However, historic data tables as well as 2007 laboratory analytical reports are presented on the enclosed data disk. 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). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were not sampled.

SITE DESCRIPTION AND BACKGROUND INFORMATION

The legal description of the site is SW ¼ NW ¼ Section 21, Township 20 South, Range 37 East. The release was discovered by the Texas-New Mexico Pipeline Company (TNM) on the four-inch crude oil transportation line. The pipeline was reportedly repaired with a clamp. No information is currently available documenting the discovery date, release volume or nature of the pipeline failure. The Release Notification and Corrective Action Form (C-141) is provided as Appendix B. A Geoprobe® Rig was utilized during the initial site investigation to delineate crude oil impacted soil. Laboratory analysis of soil samples collected during this initial stage of the investigation indicates that subsurface soil impacted by the crude oil release were limited to areas at and below the surface staining.

Nine groundwater monitor wells (MW-1 through MW-9) and two product recovery wells (RW-1 and RW-2) are currently onsite. Manual product recovery is being conducted weekly from recovery wells RW-1 and RW-2 and monitor wells MW-7 (when present) and MW-8.

On August 16, 2007, monitor well MW-9 was installed at the site to delineate the hydrocarbon contaminant plume to the south of monitor well MW-4. Analytical results of the soil samples collected during the installation of the monitor well indicated total petroleum hydrocarbon concentrations were below the method detection limit (MDL) for the three laboratory submitted soil samples. Analytical results of the soil samples collected during the installation of the monitor well during the 2007 reporting period are provided in Table 3, Concentrations of TPH and BTEX in Soil. Boring logs and monitor well details are provided in Appendix A.

RECENT FIELD ACTIVITIES

During each quarterly sampling event, monitor well MW-8 and recovery wells RW-1 and RW-2 exhibited a measurable thickness of PSH and were not sampled, with the exception of monitor well MW-8 in the 2nd quarter of the reporting period. Monitor wells MW-4 and MW-7 each exhibited a sheen periodically throughout the reporting period. A maximum thickness of 4.25 feet of PSH was detected in monitor well MW-8 on October 10, 2007. The average thickness of PSH exhibited in wells MW-8, RW-1 and RW-2 was 0.97 feet. Groundwater Elevation data is provided as Table 1. Approximately 243 gallons (approximately 6.1 barrels) of PSH was recovered from the site during the 2007 reporting period. Approximately 813 gallons (approximately 20.3 barrels) of PSH has been recovered since project inception.

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated June 22, 2005.

NMOCD Approved Sampling Schedule	
MW-1	Annually
MW-2	Annually
MW-3	Annually
MW-4	Quarterly
MW-5	Annually
MW-6	Annually
MW-7	Quarterly
MW-8	Quarterly
MW-9	Quarterly
RW-1	Quarterly
RW-2	Quarterly

The site monitor wells and recovery wells were gauged and sampled on February 13, May 10, August 22, and November 2, 2007. During each sampling event, sampled monitor wells were purged of a minimum of 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 at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during the four quarterly events, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2007 is provided as Table 1. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.006 feet/foot to the south-southeast as measured between groundwater monitor wells MW-1 and MW-3. This is consistent with data presented on Figures 2A through 2C from earlier in the year. Corrected groundwater elevations ranged between 3,492.62 and 3,496.72 feet above mean sea level, in monitor well MW-4 on August 22, 2007 and monitor well MW-8 on October 10, 2007, respectively.

LABORATORY RESULTS

Recovery wells RW-1 and RW-2 contained measurable PSH throughout the reporting period and were not sampled. Monitor well MW-8 contained measurable PSH during the 1st, 3rd and 4th quarter sampling event and was not sampled during these quarters. Monitor wells MW-4 and MW-7 exhibited a PSH sheen periodically during the reporting period.

Groundwater samples collected during the 2007 quarterly monitoring events were delivered to Trace Analysis, Inc., of Lubbock, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method SW846-8021b. A listing of BTEX constituent concentrations for 2007 is summarized in Table 2 and copies of the laboratory reports for 2007 are provided on the enclosed disk. The inferred extent of PSH and groundwater sampling results for BTEX constituent concentrations are depicted on Figures 3A-3D, the Groundwater Concentration and Inferred PSH Extent Maps.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards of 0.01 mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 for xylene, during the 4th quarter sampling event. Monitor well MW-1 has exhibited 12 consecutive monitoring events below NMOCD regulatory limits.

Monitor well MW-2 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards. Monitor well MW-2 has exhibited 12 consecutive monitoring events below NMOCD regulatory limits.

Monitor well MW-3 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards. Monitor well MW-3 has exhibited 12 consecutive monitoring events below NMOCD regulatory limits.

Monitor well MW-4 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0095 mg/L during the 2nd quarter to 0.0398 mg/L during the 1st quarter of 2007. Benzene concentrations were above NMOCD regulatory standards during the 1st, 3rd and 4th quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations were below the MDL and NMOCD regulatory standards during the 1st, 2nd, and 3rd quarters. Analytical results during the 4th quarter sampling event indicate an ethylbenzene concentration of 0.0019 mg/L (below NMOCD regulatory standards). Xylene concentrations ranged from <0.001 mg/L during the 3rd quarter to 0.0093 mg/L during the 2nd quarter of 2007. Xylene concentrations were below NMOCD regulatory standards during all four 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 standards for each BTEX constituent during the 4th quarter sampling event. Monitor well MW-5 has exhibited 12 consecutive monitoring events below NMOCD regulatory limits.

Monitor well MW-6 is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. Monitor well MW-6 has exhibited 14 consecutive monitoring events below NMOCD regulatory limits.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.053 mg/L during the 2nd quarter to 0.195 mg/L during the 3rd quarter of 2007. Benzene concentrations were above NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period with concentrations ranging from <0.001 mg/L during the 3rd quarter to 0.0067 mg/L during the 1st quarter. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Analytical results indicate ethylbenzene concentrations ranged from 0.0335 mg/L during the 2nd quarter to 0.0948 mg/L during the 1st quarter. Xylene concentrations ranged from <0.005 mg/L during the 2nd quarter to 0.0510 mg/L during the 4th quarter of 2007. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period.

Monitor well MW-8 is sampled/monitored on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st, 3rd or 4th quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 0.17 feet, 2.72 feet and 1.04 feet were reported during the 1st, 3rd, and 4th quarters of 2007, respectively. Benzene concentrations were below the NMOCD regulatory standards during the 2nd quarter of the reporting period with a concentration of 0.0054 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 2nd quarter of the reporting period with a concentration of <0.001 mg/L. Ethylbenzene concentrations were below NMOCD regulatory standards during the 2nd quarter of the reporting period. Analytical results indicate an ethylbenzene concentration of 0.0133 mg/L during the 2nd quarter. Xylene concentrations were below NMOCD regulatory standards during the 2nd quarter of the reporting period with a concentration of 0.0181 mg/L.

Monitor well MW-9 was installed on August 16, 2007 and is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards during the 3rd and 4th quarter sampling event.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during any of the four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 1.77 feet, 1.32 feet, 2.09 feet and 0.95 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2007, respectively.

Recovery well RW-2 is monitored on a quarterly schedule. Recovery well RW-2 was not sampled during any of the four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 0.86 feet, 0.91 feet, 2.52 feet and 0.58 feet were reported during the 1st, 2nd, 3rd, and 4th quarters of 2007, respectively.

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 2007 annual monitoring period. Nine groundwater monitor wells (MW-1 through MW-9) and two recovery wells (RW-1 and RW-2) are currently onsite. Manual product recovery is now being conducted twice weekly from monitor well MW-8 and recovery wells RW-1 and RW-2. The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.006 feet/foot to the south-southeast.

Recovery wells RW-1 and RW-2 contained measurable PSH throughout the reporting period and were not sampled. Monitor well MW-8 contained measurable PSH during the 1st, 3rd and 4th quarter sampling event and was not sampled during these quarters. Monitor wells MW-4 and MW-7 exhibited a PSH sheen periodically during the reporting period. Approximately 243 gallons (approximately 6.1 barrels) of PSH was recovered from the site during the 2007 reporting period. Approximately 813 gallons (approximately 20.3 barrels) of PSH has been recovered since project inception.

Review of the laboratory analytical results of the groundwater samples obtained during this annual reporting period indicate BTEX constituent concentrations were below the applicable NMOCD regulatory standards in six of the eleven monitor and recovery wells on site. Recovery wells RW-1 and RW-2 consistently exhibited measurable thicknesses of PSH during each sampling event and were not sampled. Monitor well and MW-8 exhibited measurable PSH during the 1st, 3rd and 4th quarters of the reporting period.

Dissolved phase hydrocarbon impact above the applicable NMOCD regulatory standard appears to be limited to monitor and recovery wells currently or previously containing PSH.

ANTICIPATED ACTIONS

Quarterly groundwater monitoring and sampling will continue in 2008. PSH will be recovered on a twice weekly schedule. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2009.

A Soil Closure Proposal will be submitted to the NMOCD during the 2nd quarter of 2008. This proposal will address remaining soil issues at the site.



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

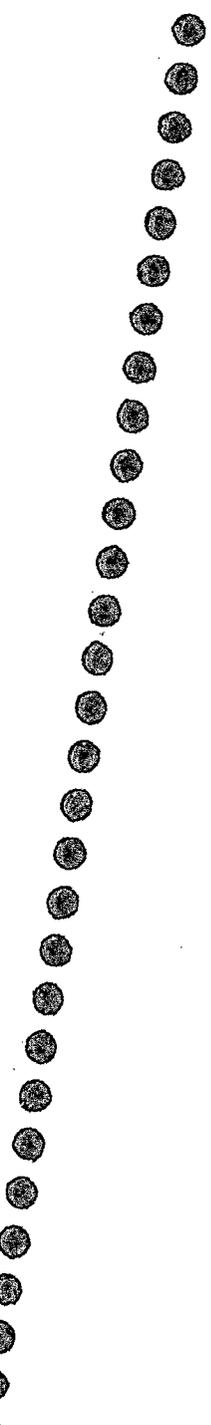
Copy 1 Ed Hansen
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Copy 2: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

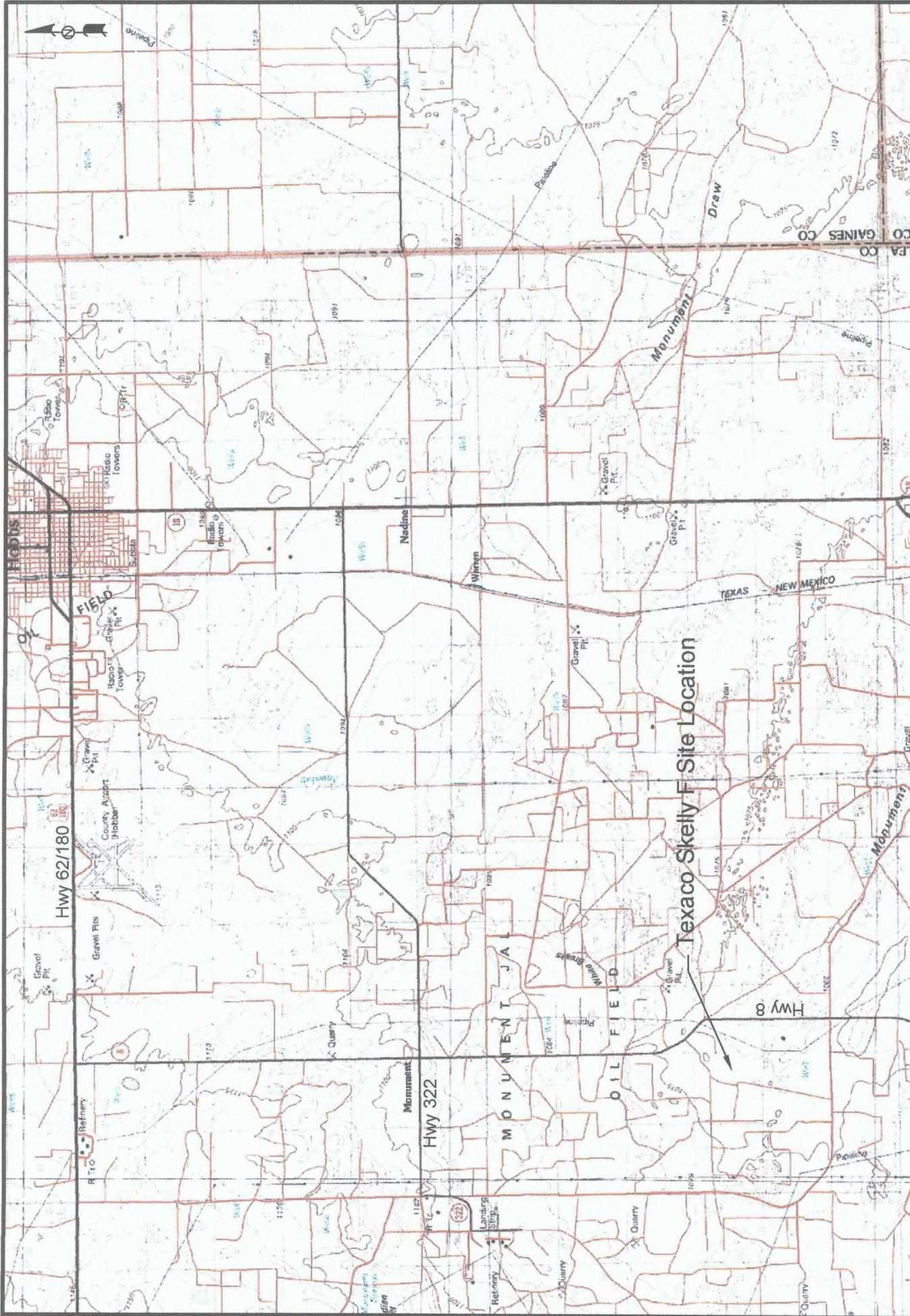
Copy 3: Camille Reynolds
Plains Marketing, L.P.
3112 Highway 82
Lovington, NM
cjreynolds@paalp.com

Copy 4: Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 1600
Houston, TX 77002
jpdann@paalp.com

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



Figures



SW1/4 NW1/4 Section 21, T20S, R37E

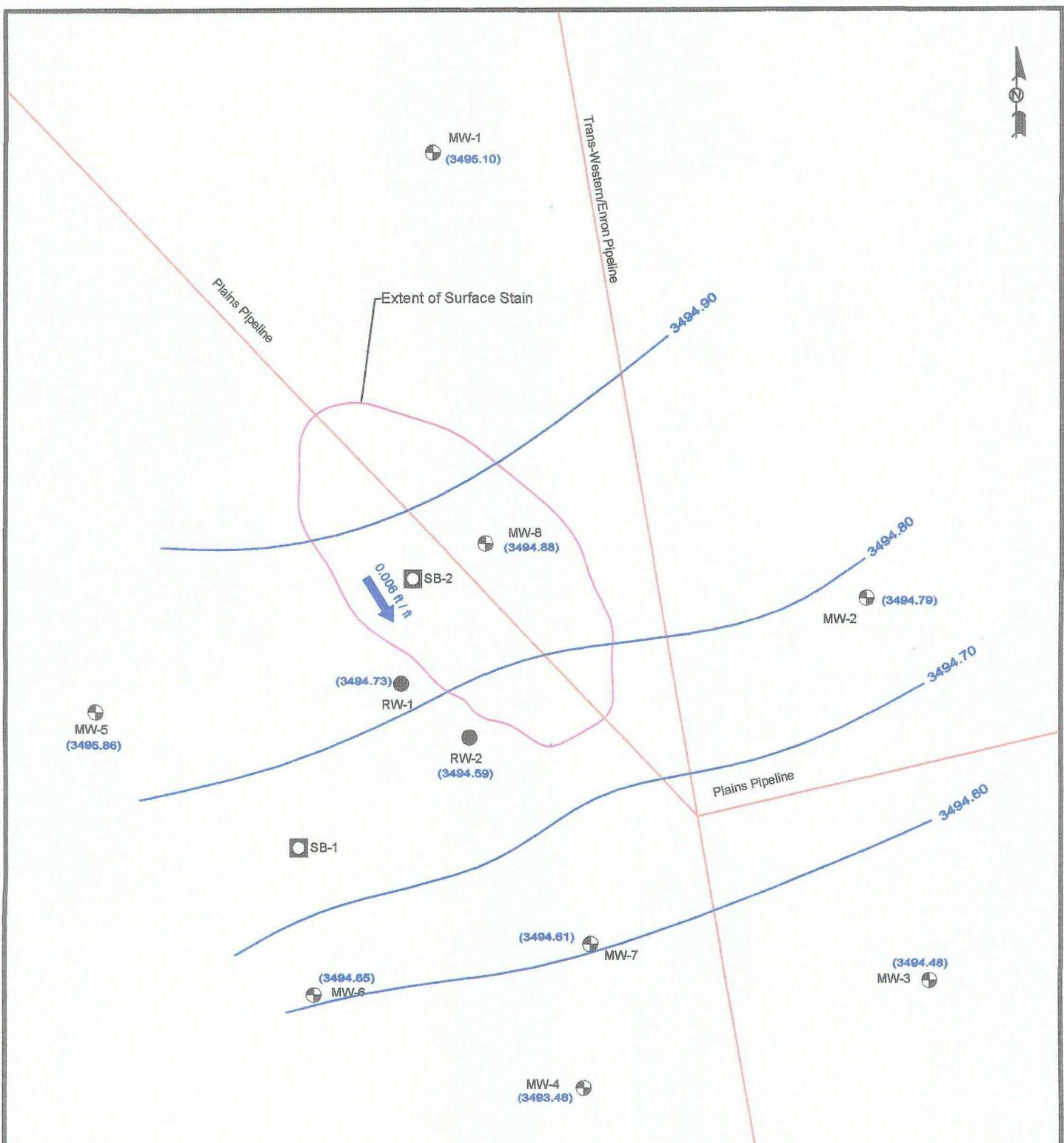
Figure 1
 Site Location Map
 Plains Marketing, L.P.
 Texaco Skelly F
 Lea County, NM

NMOCD Reference # 1R-0420

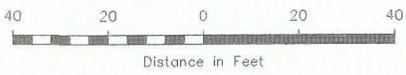
NOVA Safety and Environmental



February 15, 2005
 Scale: 1" = 6 Miles
 Prep By: DPM
 Checked By: MRE



NOTE:
 • Contour Intervals = 0.10'
 • Groundwater Gradient Slope Measured Between MW-1 and RW-1
 • RW-1 and RW-2 Not Used For Contouring



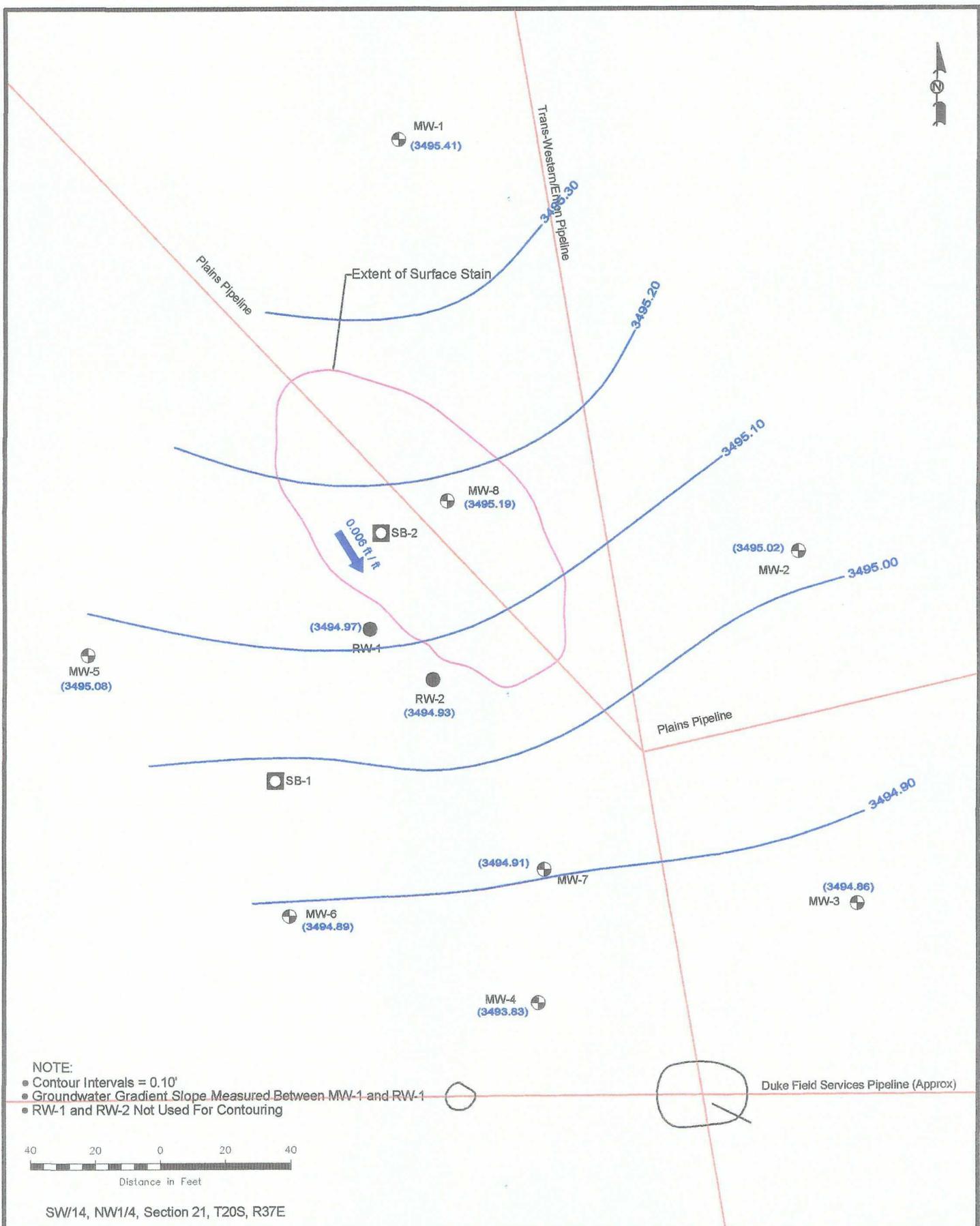
SW/14, NW1/4, Section 21, T20S, R37E

Legend:	
	GeoProbe® Sample Location
	Monitor Well Location
	(3492.54) Groundwater Elevation
	0.002 ft/ft Groundwater Gradient Direction & Magnitude
	Soil Boring Location
	Groundwater Elevation Contour Line

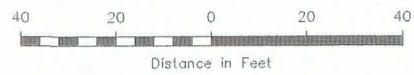
Figure 2A
Inferred Groundwater Gradient Map
 (02/13/07)
 Plains Marketing, L.P.
 Texaco Skelly "E" Site
 Lea County, NM
 NMOCD Ref# 1R-0420

NOVA Safety and Environmental

January 21, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS

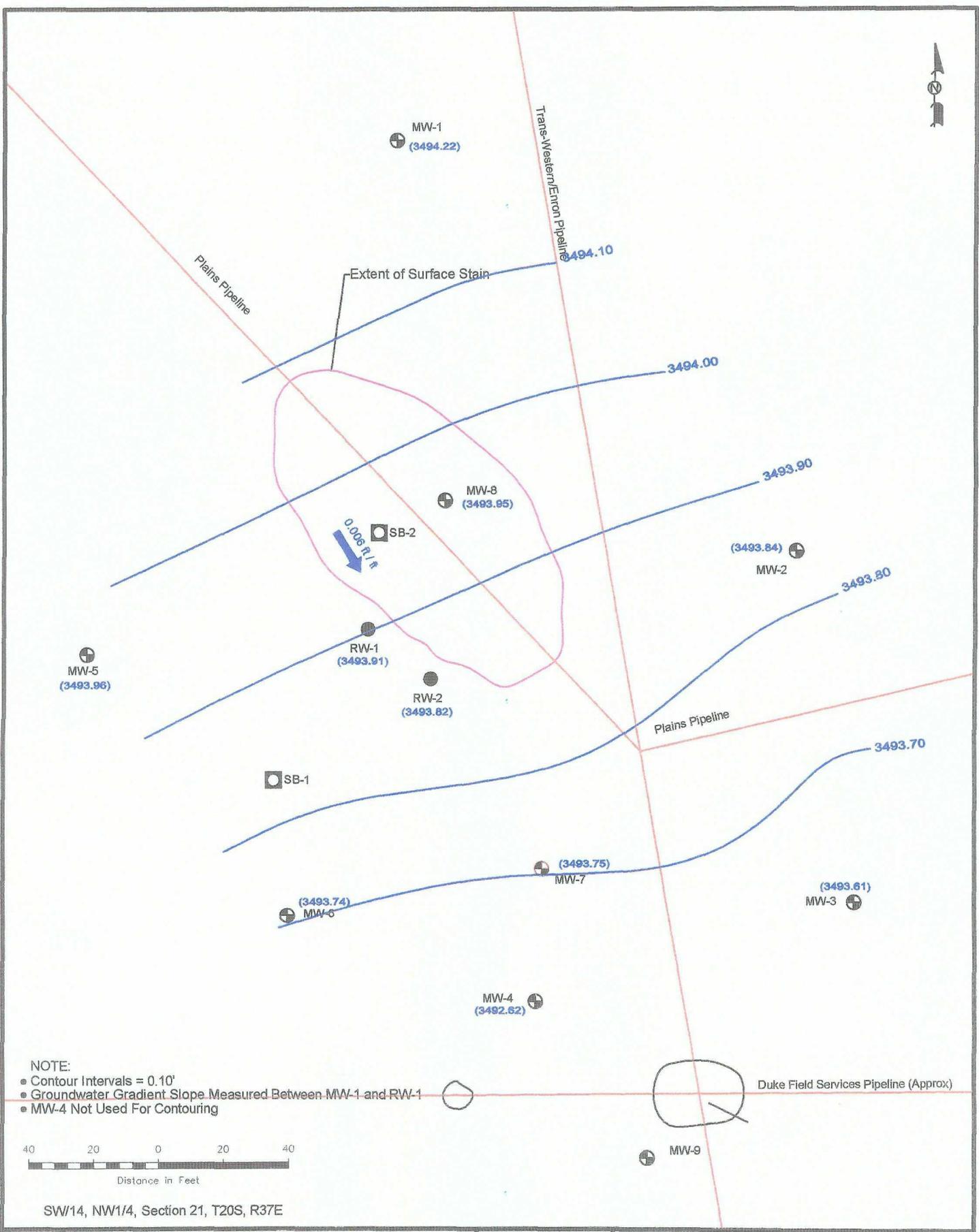


NOTE:
 • Contour Intervals = 0.10'
 • Groundwater Gradient Slope Measured Between MW-1 and RW-1
 • RW-1 and RW-2 Not Used For Contouring



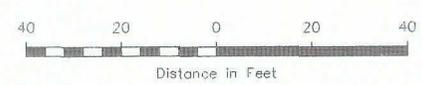
SW/14, NW1/4, Section 21, T20S, R37E

Legend: GeoProbe® Sample Location Monitor Well Location Groundwater Elevation (3492.54)		Groundwater Gradient Direction & Magnitude (0.002 ft/ft) Soil Boring Location Groundwater Elevation Contour Line		Figure 2B Inferred Groundwater Gradient Map (05/10/07) Plains Marketing, L.P. Texaco Skelly "E" Site Lea County, NM NMOCD Ref# 1R-0420	NOVA Safety and Environmental 	January 21, 2008 Scale: 1" = 40' CAD By: DGC Checked By: CDS
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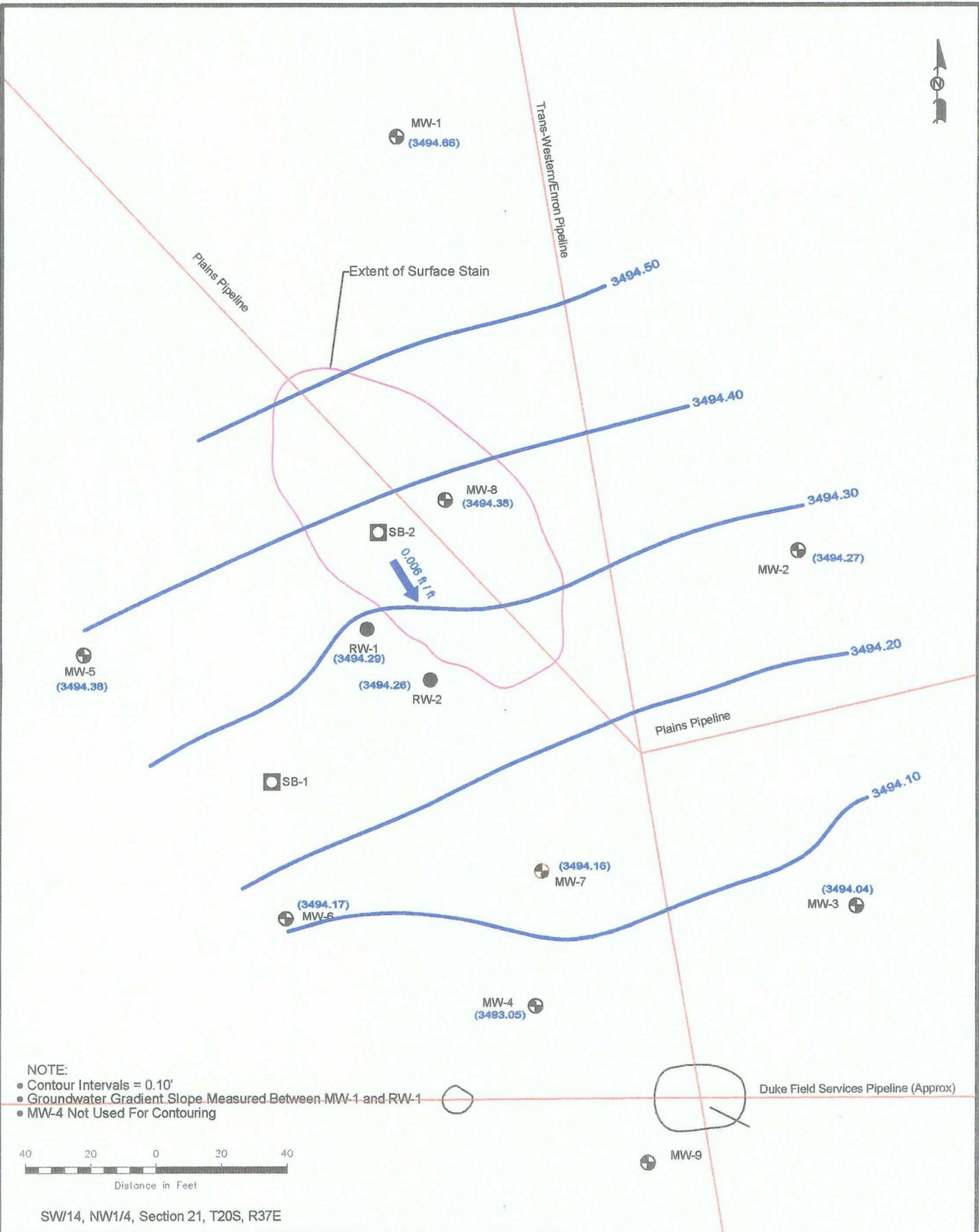
NOTE:

- Contour Intervals = 0.10'
- Groundwater Gradient Slope Measured Between MW-1 and RW-1
- MW-4 Not Used For Contouring



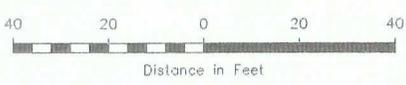
SW/14, NW1/4, Section 21, T20S, R37E

<p>Legend:</p> <ul style="list-style-type: none"> GeoProbe® Sample Location Monitor Well Location (3492.54) Groundwater Elevation Soil Boring Location Groundwater Elevation Contour Line 	<p> 0.002 ft/ft Groundwater Gradient Direction & Magnitude</p>	<p>Figure 2C Inferred Groundwater Gradient Map (08/22/07) Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM NMOCD Ref# 1R-0420</p>	<p>NOVA Safety and Environmental</p> <p> NOVA safety and environmental</p> <table border="1"> <tr> <td>January 21, 2008</td> <td>Scale: 1" = 40'</td> <td>CAD By: DGC</td> </tr> <tr> <td colspan="2"></td> <td>Checked By: CDS</td> </tr> </table>	January 21, 2008	Scale: 1" = 40'	CAD By: DGC			Checked By: CDS
January 21, 2008	Scale: 1" = 40'	CAD By: DGC							
		Checked By: CDS							



NOTE:

- Contour Intervals = 0.10'
- Groundwater Gradient Slope Measured Between MW-1 and RW-1
- MW-4 Not Used For Contouring



SW/14, NW1/4, Section 21, T20S, R37E

<p>Legend:</p> <ul style="list-style-type: none"> GeoProbe® Sample Location Monitor Well Location (3492.54) Groundwater Elevation 		<ul style="list-style-type: none"> 0.002 ft/ft Groundwater Gradient Direction & Magnitude Soil Boring Location Groundwater Elevation Contour Line 		<p>Figure 2D Inferred Groundwater Gradient Map (11/02/07)</p> <p>Plains Marketing, L.P. Texaco Skelly "E" Site Lea County, NM NMOCD Ref# 1R-0420</p>	<p>NOVA Safety and Environmental</p> <p>January 21, 2008 Scale: 1" = 40' CAD By: DGC Checked By: CDS</p>
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Trans-Western/Enron Pipeline

Plains Pipeline

Extent of Surface Stain

MW-1
NS

NS
MW-2

NS
MW-5

SB-1

SB-2

MW-8
0.17

RW-1
1.01

RW-2
1.04

Plains Pipeline

NS
MW-6

Benzene	0.135 mg/L
Toluene	0.0067 mg/L
Ethylbenzene	0.0948 mg/L
Xylene	0.0207 mg/L

MW-7

MW-3
NS

Benzene	0.0398 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	0.0032 mg/L

MW-4

Duke Field Services Pipeline (Approx)

Note:

• **Bold** Indicates Concentration Above NMOCD Regulatory Limit



SW/14, NW1/4, Section 21, T20S, R37E

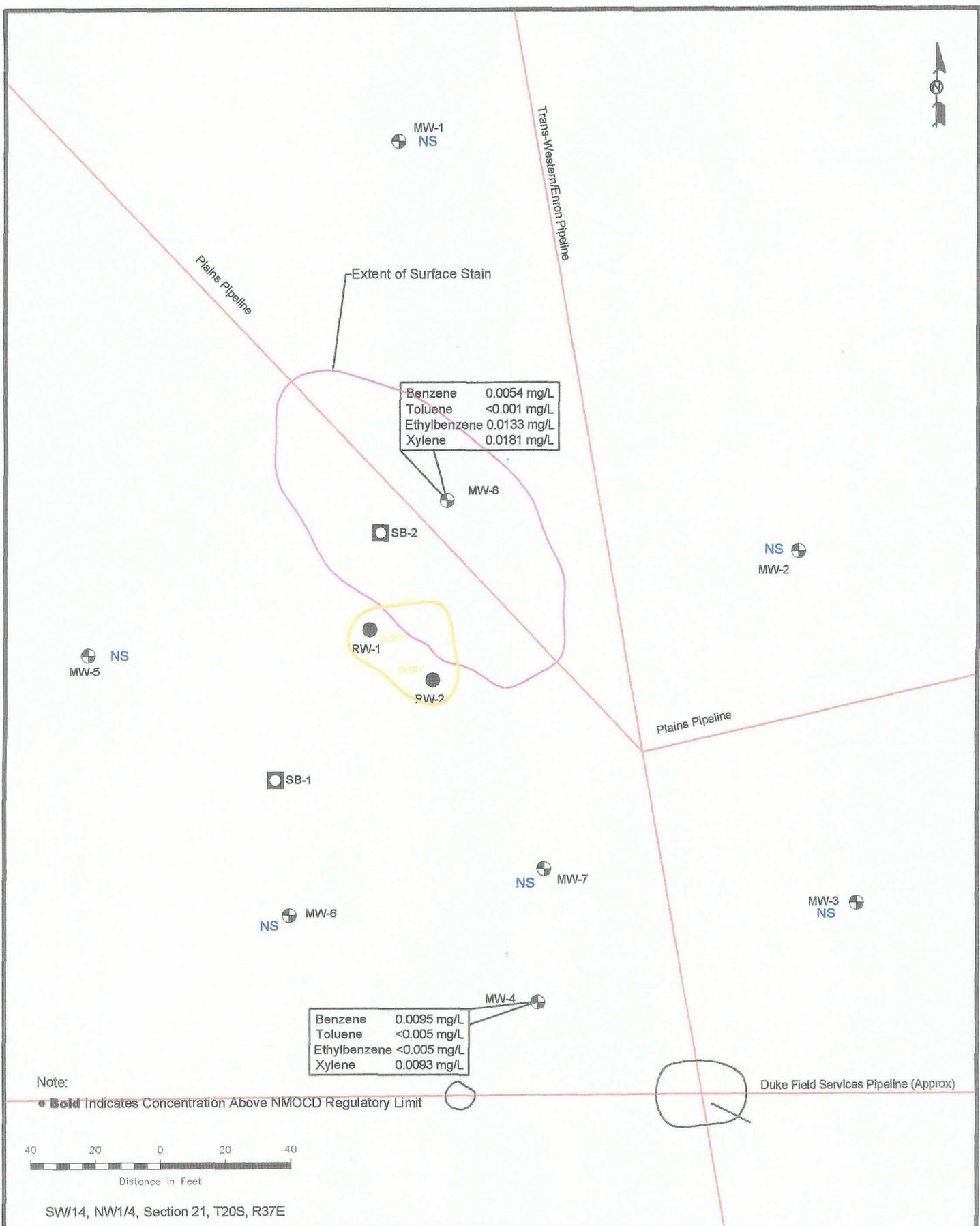
	GeoProbe® Sample Location		Product Recovery Well	NS	Not Sampled
	Monitor Well Location		Inferred Extent of PSH		
	<0.001 Constituent Concentration (mg/L)		Depth of PSH (feet)		

Figure 3A
 Groundwater Concentration
 and Inferred PSH Extent
 Map (02/13/07)
 Plains Pipeline, L.P.
 Texaco Skelly "F" Site
 Lea County, New Mexico
 NMOCD Ref# 1R-0420

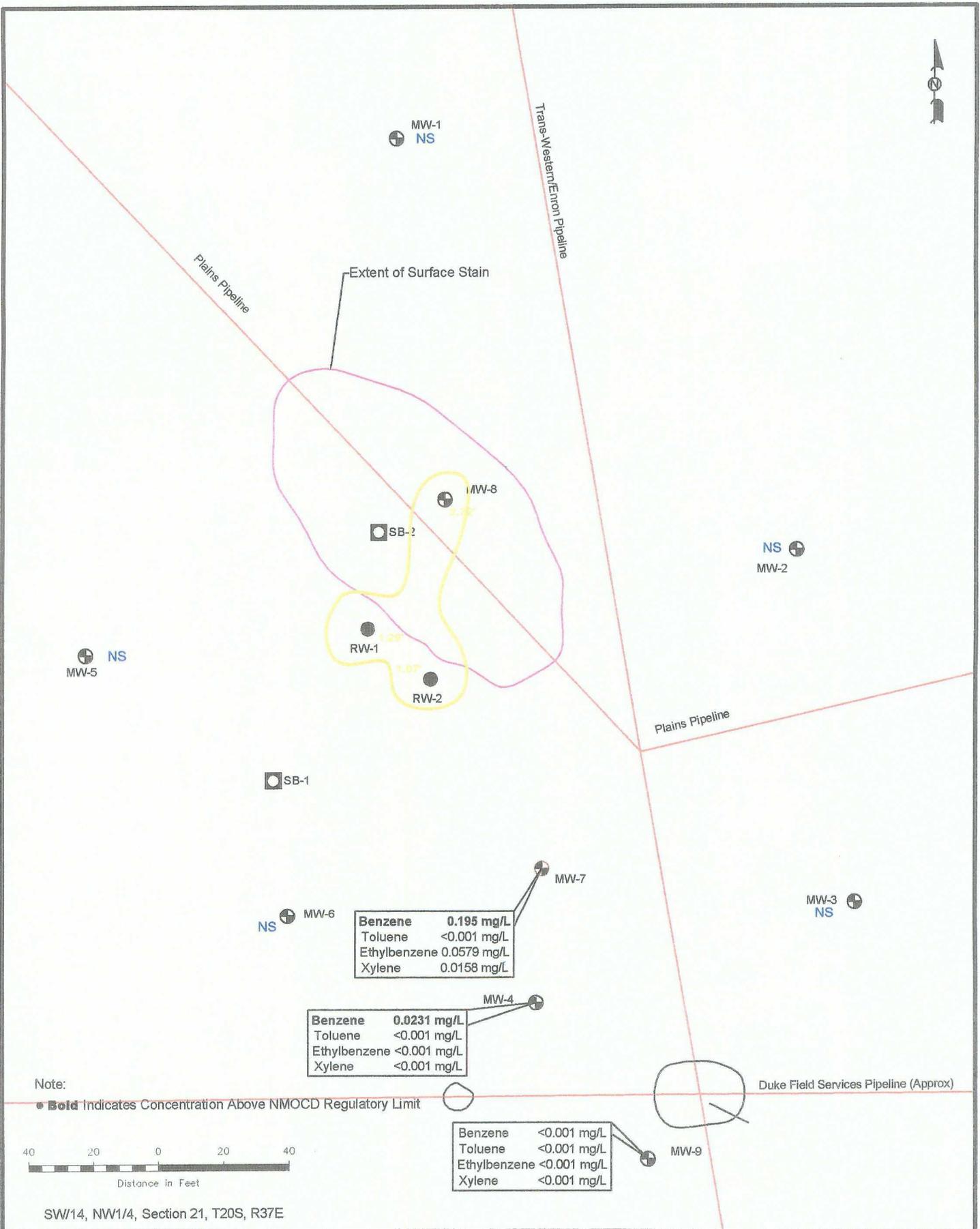
NOVA Safety and Environmental



January 21, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS



Legend: GeoProbe® Sample Location Product Recovery Well NS Not Sampled Monitor Well Location Inferred Extent of PSH <0.001 Constituent Concentration (mg/L) Depth of PSH (feet)		Figure 3B Groundwater Concentration and Inferred PSH Extent Map (05/10/07) Plains Pipeline, L.P. Texaco Skelly "F" Site Lea County, New Mexico NMOCD Ref# 1R-0420	NOVA Safety and Environmental
		January 21, 2008 Scale: 1" = 40' CAD By: DGC Checked By: CDS	





Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

MW-1

Trans-WesternEnron Pipeline

Plains Pipeline

Extent of Surface Stain

Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

MW-2

Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

MW-5

SB-2

MW-8

1.04'

RW-1

RW-2

0.50'

0.54'

SB-1

Plains Pipeline

Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

MW-6

Benzene	0.188 mg/L
Toluene	0.0014 mg/L
Ethylbenzene	0.0362 mg/L
Xylene	0.0510 mg/L

MW-7

Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

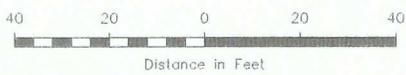
MW-3

Benzene	0.0292 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	0.0019 mg/L
Xylene	0.0088 mg/L

MW-4

Note:

• **Bold** Indicates Concentration Above NMOC Regulatory Limit



Duke Field Services Pipeline (Approx)

Benzene	<0.001 mg/L
Toluene	<0.001 mg/L
Ethylbenzene	<0.001 mg/L
Xylene	<0.001 mg/L

MW-9

SW/14, NW1/4, Section 21, T20S, R37E

	GeoProbe® Sample Location		Product Recovery Well
	Monitor Well Location		Inferred Extent of PSH
<0.001	Constituent Concentration (mg/L)		Depth of PSH (feet)

Figure 3D
Groundwater Concentration
and Inferred PSH Extent
Map (11/02/07)
Plains Pipeline, L.P.
Texaco Skelly "F" Site
Lea County, New Mexico
NMOC Ref# 1R-0420

NOVA Safety and Environmental



January 21, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS



Tables

TABLE 1

2007 GROUNDWATER ELEVATION TABLE

PLAINS MARKETING, L.P.
 TEXACO SKELLY F
 LEA COUNTY, NM
 NMOCD Reference No. 1R-0420

Well Number	Date Measured	Top of Casing Elevation	Depth to Product	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
MW-1	02/13/07	3521.04	-	25.94	0.00	3495.10
	05/10/07	3521.04	-	25.63	0.00	3495.41
	08/22/07	3521.04	-	26.82	0.00	3494.22
	11/02/07	3521.04	-	26.38	0.00	3494.66
MW-2	02/13/07	3518.80	-	24.01	0.00	3494.79
	05/10/07	3518.80	-	23.78	0.00	3495.02
	08/22/07	3518.80	-	24.96	0.00	3493.84
	11/02/07	3518.80	-	24.53	0.00	3494.27
MW-3	02/13/07	3520.52	-	26.04	0.00	3494.48
	05/10/07	3520.52	-	25.66	0.00	3494.86
	08/22/07	3520.52	-	26.91	0.00	3493.61
	11/02/07	3520.52	-	26.48	0.00	3494.04
MW-4	01/10/07	3519.91	sheen	26.46	0.00	3493.45
	02/06/07	3519.91	sheen	26.44	0.00	3493.47
	02/08/07	3519.91	sheen	26.43	0.00	3493.48
	02/13/07	3519.91	sheen	26.43	0.00	3493.48
	02/16/07	3519.91	-	26.38	0.00	3493.53
	02/20/07	3519.91	-	26.38	0.00	3493.53
	02/22/07	3519.91	-	26.37	0.00	3493.54
	02/28/07	3519.91	sheen	26.36	0.00	3493.55
	03/06/07	3519.91	-	26.39	0.00	3493.52
	05/10/07	3519.91	-	26.08	0.00	3493.83
	05/21/07	3519.91	-	26.07	0.00	3493.84
	05/25/07	3519.91	-	26.08	0.00	3493.83
	07/12/07	3519.91	-	26.71	0.00	3493.20
08/22/07	3519.91	-	27.29	0.00	3492.62	
11/02/07	3519.91	-	26.86	0.00	3493.05	
MW-5	02/13/07	3519.62	-	24.76	0.00	3494.86
	05/10/07	3519.62	-	24.54	0.00	3495.08
	08/22/07	3519.62	-	25.66	0.00	3493.96
	11/02/07	3519.62	-	25.24	0.00	3494.38
MW-6	02/13/07	3520.71	-	26.06	0.00	3494.65
	05/10/07	3520.71	-	25.82	0.00	3494.89
	08/22/07	3520.71	-	26.97	0.00	3493.74
	11/02/07	3520.71	-	26.54	0.00	3494.17
MW-7	01/10/07	3521.02	sheen	26.42	0.00	3494.60
	01/12/07	3521.02	sheen	26.43	0.00	3494.59
	01/16/07	3521.02	sheen	26.48	0.00	3494.54
	01/18/07	3521.02	sheen	26.44	0.00	3494.58
	01/22/07	3521.02	sheen	26.45	0.00	3494.57
	01/26/07	3521.02	sheen	26.38	0.00	3494.64
	02/01/07	3521.02	sheen	26.35	0.00	3494.67
	02/06/07	3521.02	sheen	26.40	0.00	3494.62
	02/08/07	3521.02	sheen	26.39	0.00	3494.63
	02/13/07	3521.02	sheen	26.41	0.00	3494.61
	02/16/07	3521.02	-	26.34	0.00	3494.68
	02/20/07	3521.02	-	26.35	0.00	3494.67
	02/22/07	3521.02	-	26.34	0.00	3494.68
	02/28/07	3521.02	sheen	26.32	0.00	3494.70

TABLE 1

2007 GROUNDWATER ELEVATION TABLE

PLAINS MARKETING, L.P.
 TEXACO SKELLY F
 LEA COUNTY, NM
 NMOCD Reference No. 1R-0420

Well Number	Date Measured	Top of Casing Elevation	Depth to Product	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
MW-7	03/06/07	3521.02	sheen	26.38	0.00	3494.64
	05/10/07	3521.02	-	26.11	0.00	3494.91
	05/21/07	3521.02	-	26.05	0.00	3494.97
	05/25/07	3521.02	-	26.05	0.00	3494.97
	07/12/07	3521.02	-	26.68	0.00	3494.34
	08/22/07	3521.02	-	27.27	0.00	3493.75
	11/02/07	3521.02	sheen	26.86	0.00	3494.16
MW-8	01/10/07	3519.78	24.82	25.48	0.66	3494.86
	01/12/07	3519.78	24.86	25.25	0.39	3494.86
	01/16/07	3519.78	24.90	25.35	0.45	3494.81
	01/18/07	3519.78	24.86	25.13	0.27	3494.88
	01/22/07	3519.78	22.86	25.13	2.27	3496.58
	01/26/07	3519.78	24.81	24.99	0.18	3494.94
	02/01/07	3519.78	24.80	24.93	0.13	3494.96
	02/06/07	3519.78	24.86	24.96	0.10	3494.91
	02/08/07	3519.78	24.84	24.95	0.11	3494.92
	02/13/07	3519.78	24.87	25.04	0.17	3494.88
	02/16/07	3519.78	24.80	24.96	0.16	3494.96
	02/20/07	3519.78	24.82	24.97	0.15	3494.94
	02/22/07	3519.78	24.80	24.92	0.12	3494.96
	02/28/07	3519.78	24.78	24.93	0.15	3494.98
	03/06/07	3519.78	24.85	25.00	0.15	3494.91
	03/14/07	3519.78	24.77	24.82	0.05	3495.00
	04/02/07	3519.78	24.68	24.72	0.04	3495.09
	04/11/07	3519.78	24.65	24.67	0.02	3495.13
	04/16/07	3519.78	sheen	24.61	0.00	3495.17
	04/23/07	3519.78	24.61	24.62	0.01	3495.17
	04/27/07	3519.78	sheen	24.62	0.00	3495.16
	05/01/07	3519.78	sheen	24.62	0.00	3495.16
	05/10/07	3519.78	sheen	24.59	0.00	3495.19
	05/17/07	3519.78	sheen	24.56	0.00	3495.22
	05/21/07	3519.78	-	24.51	0.00	3495.27
	05/25/07	3519.78	-	24.50	0.00	3495.28
	05/29/07	3519.78	sheen	24.52	0.00	3495.26
	06/05/07	3519.78	sheen	24.55	0.00	3495.23
	06/07/07	3519.78	sheen	24.58	0.00	3495.20
	06/12/07	3519.78	24.64	24.66	0.02	3495.14
	06/19/07	3519.78	sheen	24.76	0.00	3495.02
	06/28/07	3519.78	sheen	24.93	0.00	3494.85
07/02/07	3519.78	24.96	25.41	0.45	3494.75	
07/06/07	3519.78	24.94	26.04	1.10	3494.68	
07/09/07	3519.78	24.94	26.81	1.87	3494.56	
07/12/07	3519.78	24.98	26.68	1.70	3494.55	
07/17/07	3519.78	25.00	27.14	2.14	3494.46	
07/19/07	3519.78	25.06	27.02	1.96	3494.43	
07/24/07	3519.78	25.08	27.45	2.37	3494.34	
07/25/07	3519.78	25.19	26.78	1.59	3494.35	
07/31/07	3519.78	25.18	27.76	2.58	3494.21	
08/09/07	3519.78	25.25	27.91	2.66	3494.13	
08/14/07	3519.78	25.33	27.98	2.65	3494.05	
08/16/07	3519.78	25.42	27.55	2.13	3494.04	
08/22/07	3519.78	25.42	28.14	2.72	3493.95	
08/24/07	3519.78	25.47	28.26	2.79	3493.89	
08/27/07	3519.78	25.44	27.86	2.42	3493.98	

TABLE 1

2007 GROUNDWATER ELEVATION TABLE

PLAINS MARKETING, L.P.
 TEXACO SKELLY F
 LEA COUNTY, NM
 NMOCD Reference No. 1R-0420

Well Number	Date Measured	Top of Casing Elevation	Depth to Product	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
MW-8	08/31/07	3519.78	25.58	27.97	2.39	3493.84
	09/07/07	3519.78	25.62	28.18	2.56	3493.78
	09/10/07	3519.78	25.65	27.67	2.02	3493.83
	09/17/07	3519.78	25.47	27.43	1.96	3494.02
	09/25/07	3519.78	25.32	27.12	1.80	3494.19
	09/28/07	3519.78	25.36	26.74	1.38	3494.21
	10/03/07	3519.78	25.58	26.68	1.10	3494.04
	10/10/07	3519.78	22.42	26.67	4.25	3496.72
	10/12/07	3519.78	25.23	26.15	0.92	3494.41
	10/16/07	3519.78	25.21	26.29	1.08	3494.41
	10/19/07	3519.78	25.23	26.17	0.94	3494.41
	10/29/07	3519.78	25.20	26.32	1.12	3494.41
	11/02/07	3519.78	25.24	26.28	1.04	3494.38
	11/09/07	3519.78	25.13	26.63	1.50	3494.43
	11/14/07	3519.78	25.12	27.71	2.59	3494.27
	11/16/07	3519.78	25.13	26.36	1.23	3494.47
	11/28/07	3519.78	25.11	26.57	1.46	3494.45
11/30/07	3519.78	25.15	26.06	0.91	3494.49	
12/07/07	3519.78	25.17	25.82	0.65	3494.51	
12/14/07	3519.78	25.09	26.16	1.07	3494.53	
12/18/07	3519.78	25.12	26.14	1.02	3494.51	
MW-9	08/22/07	-	-	26.75	0.00	-
	11/02/07	-	-	26.29	0.00	-
RW-1	01/10/07	3519.68	24.75	26.62	1.87	3494.65
	01/12/07	3519.68	24.86	25.76	0.90	3494.69
	01/16/07	3519.68	24.93	26.12	1.19	3494.57
	01/18/07	3519.68	24.84	25.52	0.68	3494.74
	01/22/07	3519.68	24.90	25.68	0.78	3494.66
	01/26/07	3519.68	24.78	25.64	0.86	3494.77
	02/01/07	3519.68	24.73	25.75	1.02	3494.80
	02/06/07	3519.68	24.82	25.69	0.87	3494.73
	02/08/07	3519.68	24.84	25.47	0.63	3494.75
	02/13/07	3519.68	24.80	25.81	1.01	3494.73
	02/16/07	3519.68	24.72	25.87	1.15	3494.79
	02/20/07	3519.68	24.73	25.60	0.87	3494.82
	02/22/07	3519.68	24.74	25.44	0.70	3494.84
	02/28/07	3519.68	24.70	25.64	0.94	3494.84
	03/06/07	3519.68	24.80	25.82	1.02	3494.73
	03/14/07	3519.68	24.78	25.49	0.71	3494.79
	04/02/07	3519.68	24.59	25.82	1.23	3494.91
	04/11/07	3519.68	24.52	25.73	1.21	3494.98
	04/16/07	3519.68	24.53	25.35	0.82	3495.03
	04/23/07	3519.68	24.52	25.40	0.88	3495.03
	04/27/07	3519.68	24.54	25.21	0.67	3495.04
	05/01/07	3519.68	24.53	25.13	0.60	3495.06
	05/10/07	3519.68	24.56	25.53	0.97	3494.97
	05/17/07	3519.68	24.41	25.73	1.32	3495.07
	05/21/07	3519.68	24.44	25.19	0.75	3495.13
	05/25/07	3519.68	24.44	25.20	0.76	3495.13
	05/29/07	3519.68	24.40	25.49	1.09	3495.12
06/05/07	3519.68	24.49	25.11	0.62	3495.10	
06/07/07	3519.68	24.53	24.93	0.40	3495.09	
06/12/07	3519.68	24.55	25.31	0.76	3495.02	

TABLE 1

2007 GROUNDWATER ELEVATION TABLE

PLAINS MARKETING, L.P.
 TEXACO SKELLY F
 LEA COUNTY, NM
 NMOCD Reference No. 1R-0420

Well Number	Date Measured	Top of Casing Elevation	Depth to Product	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
RW-1	06/14/07	3519.68	24.59	25.13	0.54	3495.01
	06/19/07	3519.68	24.72	25.81	1.09	3494.80
	06/28/07	3519.68	24.78	26.06	1.28	3494.71
	07/02/07	3519.68	24.83	26.13	1.30	3494.66
	07/06/07	3519.68	24.97	26.33	1.36	3494.51
	07/09/07	3519.68	24.95	26.26	1.31	3494.53
	07/12/07	3519.68	25.08	26.24	1.16	3494.43
	07/17/07	3519.68	25.09	26.74	1.65	3494.34
	07/19/07	3519.68	25.16	26.20	1.04	3494.36
	07/24/07	3519.68	25.16	26.72	1.56	3494.29
	07/25/07	3519.68	25.38	25.98	0.60	3494.21
	07/31/07	3519.68	25.34	27.71	2.37	3493.98
	08/09/07	3519.68	25.36	26.94	1.58	3494.08
	08/14/07	3519.68	25.47	26.74	1.27	3494.02
	08/16/07	3519.68	25.56	26.32	0.76	3494.01
	08/22/07	3519.68	25.58	26.87	1.29	3493.91
	08/24/07	3519.68	25.60	27.12	1.52	3493.85
	08/27/07	3519.68	25.69	26.60	0.91	3493.85
	08/31/07	3519.68	25.71	26.78	1.07	3493.81
	09/07/07	3519.68	25.73	27.18	1.45	3493.73
	09/10/07	3519.68	25.71	26.97	1.26	3493.78
	09/17/07	3519.68	25.55	26.81	1.26	3493.94
	09/25/07	3519.68	25.48	26.76	1.28	3494.01
	09/28/07	3519.68	25.41	26.08	0.67	3494.17
	10/03/07	3519.68	25.36	26.02	0.66	3494.22
	10/10/07	3519.68	25.31	26.05	0.74	3494.26
	10/12/07	3519.68	25.30	25.65	0.35	3494.33
	10/16/07	3519.68	25.31	25.73	0.42	3494.31
	10/19/07	3519.68	25.29	25.64	0.35	3494.34
	10/29/07	3519.68	25.31	25.92	0.61	3494.28
	11/02/07	3519.68	25.31	25.87	0.56	3494.29
	11/09/07	3519.68	25.20	26.19	0.99	3494.33
	11/14/07	3519.68	25.24	26.00	0.76	3494.33
	11/16/07	3519.68	25.23	25.71	0.48	3494.38
	11/28/07	3519.68	25.19	26.11	0.92	3494.35
	11/30/07	3519.68	25.18	25.69	0.51	3494.42
	12/07/07	3519.68	25.23	25.66	0.43	3494.39
	12/14/07	3519.68	25.79	26.61	0.82	3493.77
	12/18/07	3519.68	25.21	25.72	0.51	3494.39
RW-2	01/10/07	3520.24	25.25	27.75	2.50	3494.62
	01/12/07	3520.24	25.50	26.33	0.83	3494.62
	01/16/07	3520.24	25.25	26.65	1.40	3494.78
	01/18/07	3520.24	25.49	25.95	0.46	3494.68
	01/22/07	3520.24	25.51	26.09	0.58	3494.64
	01/26/07	3520.24	25.41	26.04	0.63	3494.74
	02/01/07	3520.24	25.38	26.30	0.92	3494.72
	02/06/07	3520.24	25.48	27.72	2.24	3494.42
	02/08/07	3520.24	25.44	25.94	0.50	3494.73
	02/13/07	3520.24	25.49	26.53	1.04	3494.59
	02/16/07	3520.24	25.38	26.10	0.72	3494.75
	02/20/07	3520.24	25.43	25.95	0.52	3494.73
	02/22/07	3520.24	25.43	25.81	0.38	3494.75
	02/28/07	3520.24	25.38	25.94	0.56	3494.78
	03/06/07	3520.24	25.48	25.69	0.21	3494.73

TABLE 1

2007 GROUNDWATER ELEVATION TABLE

PLAINS MARKETING, L.P.
 TEXACO SKELLY F
 LEA COUNTY, NM
 NMOCD Reference No. 1R-0420

Well Number	Date Measured	Top of Casing Elevation	Depth to Product	Depth to Water	PSH Thickness	Corrected Groundwater Elevation
RW-2	03/14/07	3520.24	25.38	25.89	0.51	3494.78
	04/02/07	3520.24	25.22	26.61	1.39	3494.81
	04/11/07	3520.24	25.22	25.95	0.73	3494.91
	04/16/07	3520.24	25.20	25.79	0.59	3494.95
	04/23/07	3520.24	25.19	25.81	0.62	3494.96
	04/27/07	3520.24	25.19	25.82	0.63	3494.96
	05/01/07	3520.24	25.22	25.78	0.56	3494.94
	05/10/07	3520.24	25.19	25.99	0.80	3494.93
	05/17/07	3520.24	25.09	25.92	0.83	3495.03
	05/21/07	3520.24	25.10	25.64	0.54	3495.06
	05/25/07	3520.24	25.11	25.62	0.51	3495.05
	05/29/07	3520.24	25.07	25.78	0.71	3495.06
	06/05/07	3520.24	25.14	25.50	0.36	3495.05
	06/07/07	3520.24	25.18	25.52	0.34	3495.01
	06/12/07	3520.24	25.25	25.59	0.34	3494.94
	06/14/07	3520.24	25.27	25.52	0.25	3494.93
	06/19/07	3520.24	25.33	25.97	0.64	3494.81
	06/28/07	3520.24	25.49	26.41	0.92	3494.61
	07/02/07	3520.24	25.58	26.24	0.66	3494.56
	07/06/07	3520.24	25.64	26.19	0.55	3494.52
	07/09/07	3520.24	25.66	26.81	1.15	3494.41
	07/12/07	3520.24	25.75	26.32	0.57	3494.40
	07/17/07	3520.24	25.79	26.63	0.84	3494.32
	07/19/07	3520.24	25.86	27.30	1.44	3494.16
	07/24/07	3520.24	25.87	26.91	1.04	3494.21
	07/25/07	3520.24	25.96	26.20	0.24	3494.24
	07/31/07	3520.24	25.98	27.04	1.06	3494.10
	08/09/07	3520.24	26.04	27.30	1.26	3494.01
	08/14/07	3520.24	26.13	27.18	1.05	3493.95
	08/16/07	3520.24	26.24	27.06	0.82	3493.88
	08/22/07	3520.24	26.26	27.33	1.07	3493.82
	08/24/07	3520.24	26.26	27.67	1.41	3493.77
	08/27/07	3520.24	26.35	27.07	0.72	3493.78
	08/31/07	3520.24	26.38	27.21	0.83	3493.74
	09/07/07	3520.24	26.38	27.71	1.33	3493.66
	09/10/07	3520.24	26.37	27.51	1.14	3493.70
	09/17/07	3520.24	26.20	27.35	1.15	3493.87
	09/25/07	3520.24	26.09	27.26	1.17	3493.97
	09/28/07	3520.24	26.10	26.45	0.35	3494.09
	10/03/07	3520.24	26.06	26.53	0.47	3494.11
	10/10/07	3520.24	25.93	26.42	0.49	3494.24
	10/12/07	3520.24	25.96	26.19	0.23	3494.25
	10/16/07	3520.24	25.95	26.28	0.33	3494.24
	10/19/07	3520.24	25.95	26.21	0.26	3494.25
	10/29/07	3520.24	25.89	26.49	0.60	3494.26
	11/02/07	3520.24	25.90	26.44	0.54	3494.26
	11/09/07	3520.24	25.77	27.14	1.37	3494.26
	11/14/07	3520.24	25.87	26.56	0.69	3494.27
	11/16/07	3520.24	25.83	26.32	0.49	3494.34
	11/28/07	3520.24	25.73	27.06	1.33	3494.31
	11/30/07	3520.24	25.82	26.23	0.41	3494.36
	12/07/07	3520.24	25.82	26.30	0.48	3494.35
	12/14/07	3520.24	25.11	25.86	0.75	3495.02
	12/18/07	3520.24	25.82	26.28	0.46	3494.35

TABLE 2
2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P.
TEXACO SKELLY "F"
LEA COUNTY, NEW MEXICO
NMOCD Reference No. 1R-0420
All concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA Method SW 846-8021B			
		BENZENE	TOLUENE	ETHYL-BENZENE	m - p XYLENES o - XYLENE
NMOCD Regulatory Limit		0.01	0.75	0.75	Total XYLENES 0.62
MW-1	02/13/07	Not Sampled on Current Sample Schedule			
	05/10/07	Not Sampled on Current Sample Schedule			
	08/22/07	Not Sampled on Current Sample Schedule			
	11/02/07	<0.001	<0.001	<0.001	<0.001
MW-2	02/13/07	Not Sampled on Current Sample Schedule			
	05/10/07	Not Sampled on Current Sample Schedule			
	08/22/07	Not Sampled on Current Sample Schedule			
	11/02/07	<0.001	<0.001	<0.001	<0.001
MW-3	02/13/07	Not Sampled on Current Sample Schedule			
	05/10/07	Not Sampled on Current Sample Schedule			
	08/22/07	Not Sampled on Current Sample Schedule			
	11/02/07	<0.001	<0.001	<0.001	<0.001
MW-4	02/13/07	0.0398	<0.001	<0.001	0.0032
	05/10/07	0.0095	<0.005	<0.005	0.0093
	08/22/07	0.0231	<0.001	<0.001	<0.001
	11/02/07	0.0292	<0.001	0.0019	0.0088
MW-5	02/13/07	Not Sampled on Current Sample Schedule			
	05/10/07	Not Sampled on Current Sample Schedule			
	08/22/07	Not Sampled on Current Sample Schedule			
	11/02/07	<0.001	<0.001	<0.001	<0.001
MW-6	02/13/07	Not Sampled on Current Sample Schedule			
	05/10/07	Not Sampled on Current Sample Schedule			
	08/22/07	Not Sampled on Current Sample Schedule			
	11/02/07	<0.001	<0.001	<0.001	<0.001
MW-7	02/13/07	0.135	0.0067	0.0948	0.0207
	05/10/07	0.053	<0.005	0.0335	<0.005
	08/22/07	0.195	<0.001	0.0597	0.0158
	11/02/07	0.188	0.0014	0.0362	0.0510
MW-8	02/13/07	Not sampled Due to PSH in Well			
	05/10/07	0.0054	<0.001	0.0133	0.0181
	08/22/07	Not sampled Due to PSH in Well			
	11/02/07	Not sampled Due to PSH in Well			
MW-9	08/22/07	<0.001	<0.001	<0.001	<0.001
	11/02/07	<0.001	<0.001	<0.001	<0.001
RW-1	02/13/07	Not sampled Due to PSH in Well			
	05/10/07	Not sampled Due to PSH in Well			
	08/22/07	Not sampled Due to PSH in Well			
	11/02/07	Not sampled Due to PSH in Well			
RW-2	02/13/07	Not sampled Due to PSH in Well			
	05/10/07	Not sampled Due to PSH in Well			
	08/22/07	Not sampled Due to PSH in Well			
	11/02/07	Not sampled Due to PSH in Well			

Concentrations in **BOLD** are above the applicable NMOCD Regulatory Standard.

TABLE 3

2007 CONCENTRATIONS OF TPH and BTEX IN SOIL

PLAINS MARKETING, L.P.
 TEXACO SKELLY "F"
 LEA COUNTY, NEW MEXICO
 NMOCD Reference No. 1R-0420
 All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	EPA Method SW 846-8015M			EPA Method SW 846-8021B					
		TPH DRO	TPH GRO	TOTAL TPH	BENZENE	TOLUENE	ETHYL-BENZENE	m - p XYLENES	o - XYLENE	BTEX
NMOCD Regulatory Limit				100	10					50
MW-9, 10'	03/07/06	<50.0	<1	<50.0	-	-	-	-	-	-
MW-9, 20'	03/07/06	<50.0	<1	<50.0	-	-	-	-	-	-
MW-9, 25'	03/07/06	<50.0	<1	<50.0	-	-	-	-	-	-

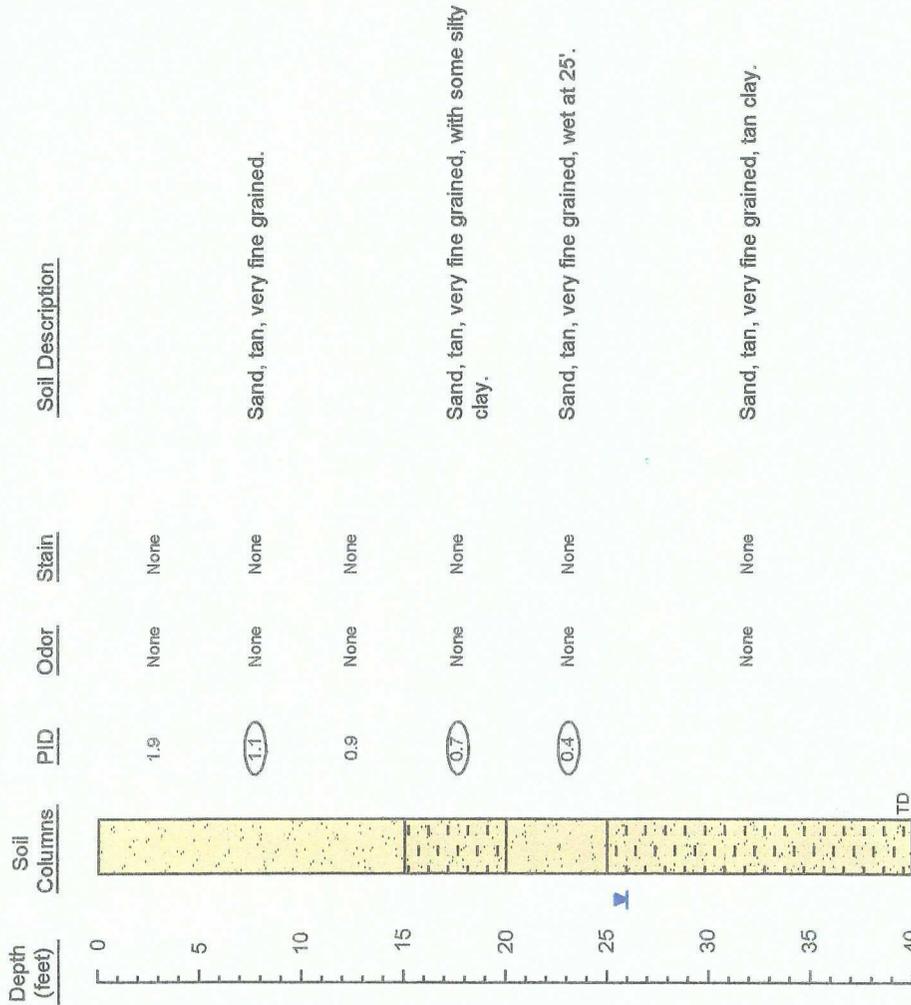
Concentrations in **BOLD** are above the applicable NMOCD Regulatory Standard.



Appendices

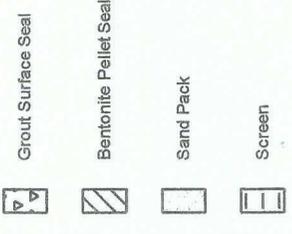
Appendix A
Soil Boring Logs

Monitor Well MW-9



Monitor Well Details

Date Drilled 08/16/07
 Thickness of Bentonite Seal 5 ft.
 Length of PVC Well Screen 20 ft.
 Depth of PVC Well 37 ft.
 Depth of Exploratory Well 40 ft.



- Indicates the groundwater level measured on date.
- Indicates samples selected for Laboratory Analysis.
- PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

- The monitoring well was installed on date using air rotary drilling techniques.
- The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
- The well is protected with a locked stick up steel cover and a compression cap.
- The lines between material types shown on the profiles log represent approximate boundaries. Actual transitions may be gradual.
- The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

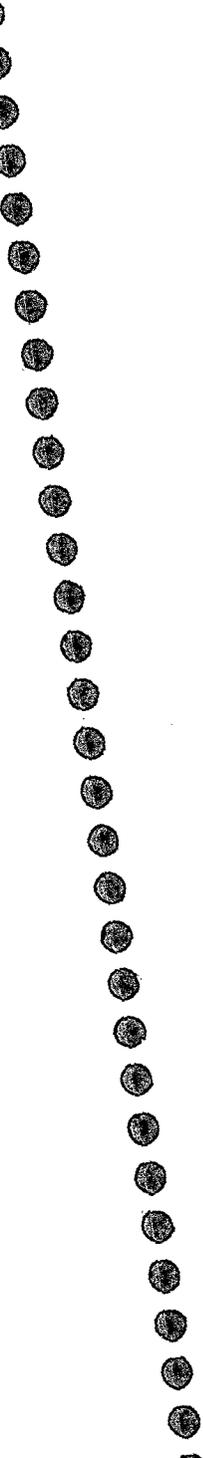
Monitor Well MW-9

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM



NOVA Safety and Environmental

Scale: NTS
 February 25, 2008
 CAD By: DGC
 Checked By: CDS



Appendix B
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

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	Texaco Skelly F	Facility Type:	4" Steel Pipeline
Surface Owner:	Millard Deck Estate	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	21	20S	37E					Lea

Latitude 32 degrees 33' 48.02" **Longitude** 103 degrees 15' 48.08"

NATURE OF RELEASE

Type of Release:	Crude Oil	Volume of Release:	30	Volume Recovered	0
Source of Release:	4" Steel Pipeline	Date and Hour of Occurrence	09/15/1998	Date and Hour of Discovery	09/15/1998 02:00 PM
Was Immediate Notice Given?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Donna Williams		
By Whom?	Frank Hernandez	Date and Hour	02/02/01 02:30 PM		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Internal corrosion of 4" steel pipeline. Forty feet of the line was replaced.

Describe Area Affected and Cleanup Action Taken.* Forty feet of the line was replaced. The aerial extent of surface impact was approximately 30' x 100'.

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:		<u>OIL CONSERVATION DIVISION</u>	
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 <input type="checkbox"/>
Date: 3/21/2005	Phone: (505)441-0965		

* Attach Additional Sheets If Necessary