1R - 420

Annual GW Mon. REPORTS

DATE:

2008

2008
ANNUAL MONITORING REPORT

TEXACO SKELLY F

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

Prepared For:

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

NOVA
safety and environmental

Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

February 2009

Ronald K. Rounsaville
Project Manager

Brittan K. Byerly, P.G.
President

TABLE OF CONTENTS

INTRODUCTION 1

SITE DESCRIPTION AND BACKGROUND INFORMATION 1

FIELD ACTIVITIES 1

LABORATORY RESULTS 2

SUMMARY 5

ANTICIPATED ACTIONS 6

LIMITATIONS 6

DISTRIBUTION 7

FIGURES

Figure 1 – Site Location Map

Figure 2A – Inferred Groundwater Gradient Map – February 7, 2008
2B – Inferred Groundwater Gradient Map – May 8, 2008
2C – Inferred Groundwater Gradient Map – August 11, 2008
2D – Inferred Groundwater Gradient Map – November 8, 2008
Figure 3A – Groundwater Concentration and Inferred PSH Extent Map – February 7, 2008
3B – Groundwater Concentration and Inferred PSH Extent Map – May 8, 2008
3C – Groundwater Concentration and Inferred PSH Extent Map – August 11, 2008
3D – Groundwater Concentrations and Inferred PSH Extent Map – November 8, 2008

TABLES

Table 1 – 2008 Groundwater Elevation Data
Table 2 – 2008 Concentrations of BTEX and TPH in Groundwater
Table 2 – 2008 Concentrations of PAH in Groundwater

APPENDICES

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

ENCLOSED ON DATA DISK

2008 Annual Monitoring Report
2008 Tables 1, 2 and 3 – Groundwater Elevation, BTEX, TPH and PAH Concentration Data
2008 Figures 1, 2A-2D, and 3A-3D
Electronic Copies of Laboratory Reports
Historic Table 1 and 2 – Groundwater Elevation and BTEX, TPH, PAH Concentration Tables
Historic Table 1 and 2 – Groundwater Elevation and BTEX, TPH, PAH 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 2008 only. However, historic data tables as well as 2008 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 2008 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 sampled as per a NMOCD directive.

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. 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.

FIELD ACTIVITIES

Product Recovery Efforts

A measurable thickness of PSH was detected in monitor well MW-8 and recovery wells RW-1 and RW-2 throughout the reporting period. A maximum thickness of 3.99 feet of PSH was detected in recovery well RW-1 on November 3, 2008. 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 334 gallons (approximately 7.9 barrels) of PSH was recovered from the site during the 2008 reporting period. Approximately 1,147 gallons (approximately 27.3 barrels) of PSH has been recovered since project inception.

Groundwater Monitoring

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 7, May 8, August 11, and November 8, 2008. 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 collected using disposable Teflon samplers. Water samples were placed in clean, glass containers provided by the laboratory and placed on ice in the field. Pursuant to the request of the NMOCD, groundwater samples were collected from RW-1, RW-2 and MW-8 after PSH was bailed from the wells. 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 2008 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 0.003 feet/foot to the south-southeast as measured between groundwater monitor wells MW-1 and MW-7. This is consistent with data presented on Figures 2A through 2C from earlier in the year. Corrected groundwater elevations ranged between 3,492.10 and 3,494.89 feet above mean sea level, in monitor well MW-4 on August 11, 2008 and monitor well MW-1 on May 8, 2008, respectively.

LABORATORY RESULTS

Groundwater samples obtained during the quarterly sampling events of 2008 were delivered to TraceAnalysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B, and Polynuclear Aromatic Hydrocarbons (PAH) concentrations by EPA Method 8270C. Monitoring wells containing measurable amounts of PSH were analyzed for Total Petroleum Hydrocarbons (TPH) concentrations by EPA Method 8015M. A listing of BTEX and TPH constituent concentrations for 2008 are summarized in Table 2 and the PAH constituent concentrations for 2008 are

summarized in Table 3. Copies of the laboratory reports generated for 2008 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent concentrations are depicted on Figures 3A through 3D.

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 13 consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 13 consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

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 13 consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-4 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0150 mg/L during the 1st quarter to 0.0294 mg/L during the 2nd quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four 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 ranged from <0.001 mg/L during the 2nd, 3rd and 4th quarters to 0.0015 mg/L during the 1st quarter of 2008. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0012 mg/L during the 1st quarter to 0.0053 mg/L during the 3rd quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for fluorene (0.000573 mg/L), phenanthrene (0.000716 mg/L), 1-methylnaphthalene (0.00227 mg/L), and dibenzofuran (0.00148 mg/L), which are below WQCC standards.

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 13 consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated elevated concentrations above MDLs for 1-methylnaphthalene (0.000195 mg/L), which are below WQCC standards.

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 15 consecutive monitoring events below NMOCD regulatory limits. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Monitor well MW-7 is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0746 mg/L during the 2nd quarter to 0.161 mg/L during the 1st quarter of 2008. Benzene concentrations were above NMOCD regulatory standards during all four 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 ranged from 0.0099 mg/L during the 2nd quarter to 0.0186 mg/L during the 1st quarter of 2008. Ethylbenzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0077 mg/L during the 2nd quarter to 0.0288 mg/L during the 3rd quarter of 2008. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Laboratory analysis for PAH indicated during the 4th quarter sampling event elevated concentrations above MDLs for naphthalene (0.00103 mg/L), 1-methylnaphthalene (0.0047 mg/L), 2-methylnaphthalene (0.000888 mg/L), dibenzofuran (0.00206 mg/L), fluorine (0.00117 mg/L), and phenanthrene (0.00109 mg/L), which are below WQCC standards.

Monitor well MW-8 is sampled/monitored on a quarterly schedule. Monitor well MW-8 was not sampled during the 1st, 2nd or 3rd quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 0.98 feet, 0.33 feet and 1.84 feet were reported during the 1st, 2nd and 3rd quarters of 2008, respectively. Benzene concentrations were above the NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0176 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0259 mg/L. Ethylbenzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0307 mg/L. Xylene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0796 mg/L. Analytical results indicated a total TPH result of 200.49 mg/L. Laboratory analysis for PAH during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards of 1-methylnaphthalene (0.0289 mg/L) and 2-methylnaphthalene (0.0228 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.00758 mg/L), fluorene (0.00815 mg/L), phenanthrene (0.00814 mg/L) and dibenzofuran (0.00519 mg/L), which are below WQCC standards.

Monitor well MW-9 is sampled on a quarterly schedule. Analytical results indicate a total xylenes concentration of 0.0045 mg/L during the 3rd quarter of the reporting period and analytical results indicate BTEX constituent concentrations were below the MDL and/or NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4th quarter sampling event indicated no elevated concentrations were detected above the respective MDLs.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during the 1st, 2nd or 3rd quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 0.95 feet, 0.71 feet and 1.15 feet were reported during the 1st, 2nd and 3rd quarters of 2008, respectively. Benzene concentrations were above the

NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0571 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0303 mg/L. Ethylbenzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.0619 mg/L. Xylene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.1350 mg/L. Analytical results indicated a total TPH result of 29.97 mg/L. Laboratory analysis for PAH during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards of 1-methylnaphthalene (0.0382 mg/L) and 2-methylnaphthalene (0.0584 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0155 mg/L), fluorene (0.0102 mg/L), phenanthrene (0.0124 mg/L) and dibenzofuran (0.0096 mg/L), which are below WQCC standards.

Recovery well RW-2 is monitored on a quarterly schedule. Recovery well RW-2 was not sampled during the 1st, 2nd or 3rd quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 1.34 feet, 0.54 feet and 1.82 feet were reported during the 1st, 2nd and 3rd quarters of 2008, respectively. Benzene concentrations were above the NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.135 mg/L. Toluene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.303 mg/L. Ethylbenzene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.160 mg/L. Xylene concentrations were below NMOCD regulatory standards during the 4th quarter of the reporting period with a concentration of 0.252 mg/L. Analytical results indicated a total TPH result of 28.46 mg/L. Laboratory analysis for PAH during the 4th quarter sampling event indicated elevated concentrations above WQCC Drinking Water Standards of 1-methylnaphthalene (0.0156 mg/L) and 2-methylnaphthalene (0.0188 mg/L). Additional PAH constituents detected above MDLs include naphthalene (0.0077 mg/L), fluorene (0.00436 mg/L), phenanthrene (0.00541 mg/L) and dibenzofuran (0.00424 mg/L), which are below WQCC standards.

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 2008 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 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 0.003 feet/foot to the south-southeast.

Monitor well MW-8 and recovery wells RW-1 and RW-2 contained measurable PSH throughout the reporting period and were not sampled during the first three sampling events. Approximately 334 gallons (approximately 7.9 barrels) of PSH was recovered from the site during the 2008 reporting period. Approximately 1,147 gallons (approximately 27.3 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. Monitor well MW-8 and recovery wells RW-1 and RW-2 consistently exhibited measurable thicknesses of PSH during gauging events. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-4, MW-7 and MW-8 and recovery wells RW-1 and RW-2. Groundwater samples from monitor well MW-8 and recovery wells RW-1 and RW-2 exhibited elevated TPH concentrations for GRO and DRO. Analytical results on groundwater samples collected indicate PAH distributions mirrored those of BTEX distributions over the site.

ANTICIPATED ACTIONS

Quarterly monitoring, PSH recovery (as necessary) and groundwater sampling will continue in 2009. Manual product recovery and gauging will be conducted on a weekly schedule and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD before April 1, 2010.

A Soil Closure Proposal intending to address the remaining soil issues at the site was submitted to the NMOCD in April, 2008. To date, Plains has not received a reply from the NMOCD on this proposal.

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

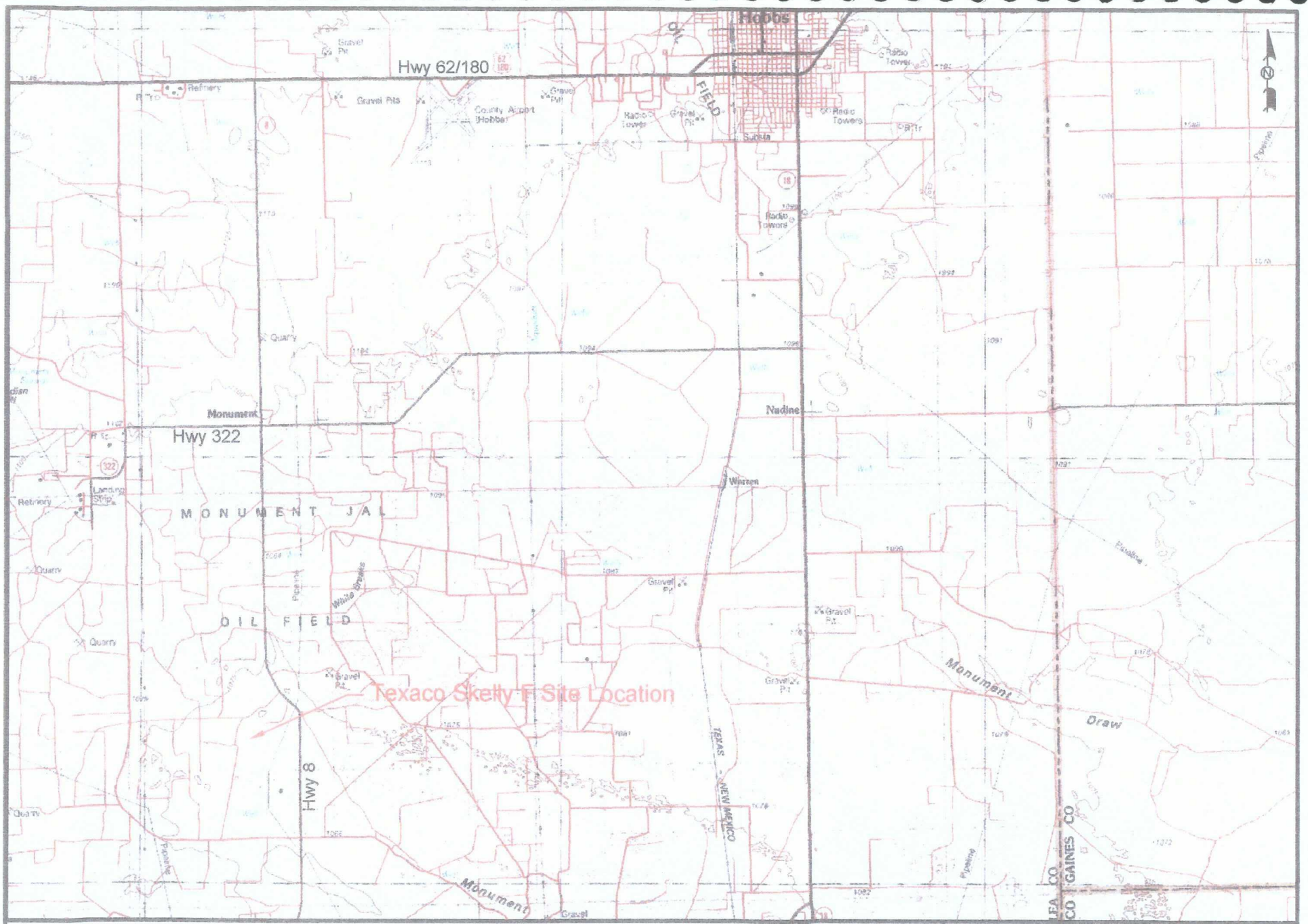
Copy 2: Larry Johnson
New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1625 French Drive
Hobbs, NM 88240

Copy 3: Jason Henry
Plains Marketing, L.P.
2530 State Highway 214
Denver City, TX 79323
jhenry@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

6 3 0 3 6

Distance in Miles

NMOCD Reference # 1R-0420

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

NOVA Safety and Environmental

NOVA safety and environmental

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

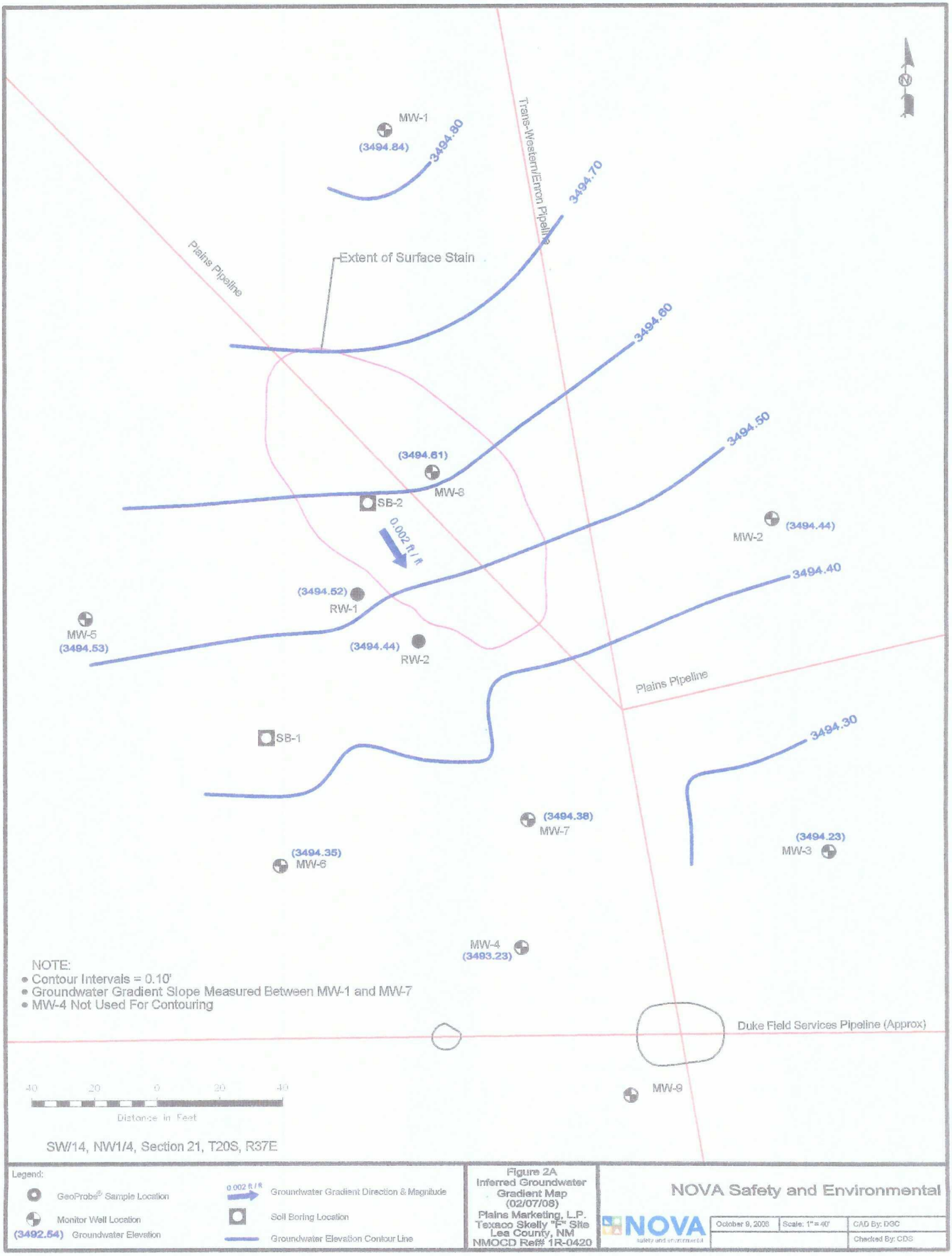
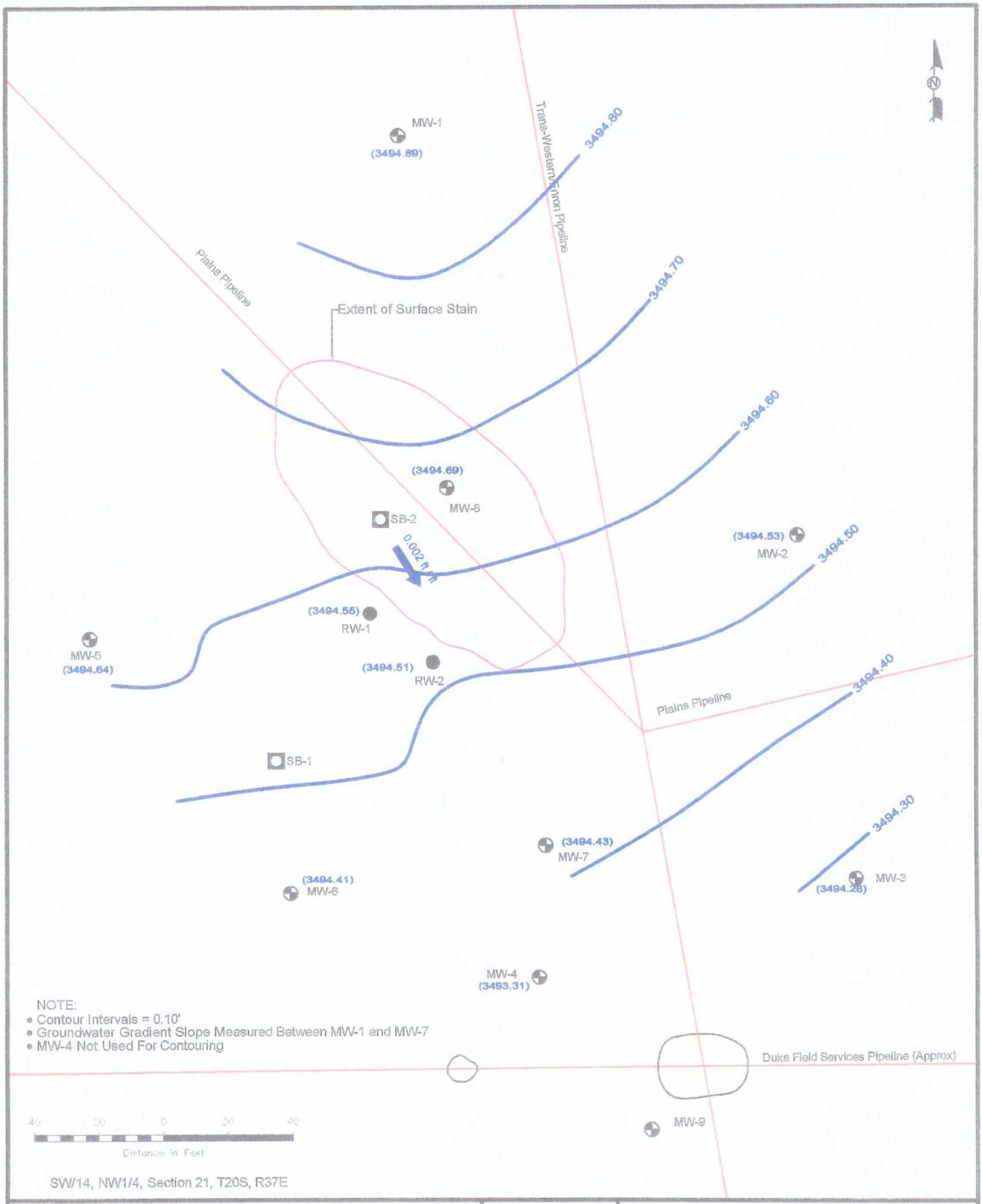


Figure 2A
Inferred Groundwater Gradient Map
(02/07/08)
Plains Marketing, L.P.
Texaco Skelly "F" Site
Lea County, NM
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

October 9, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS



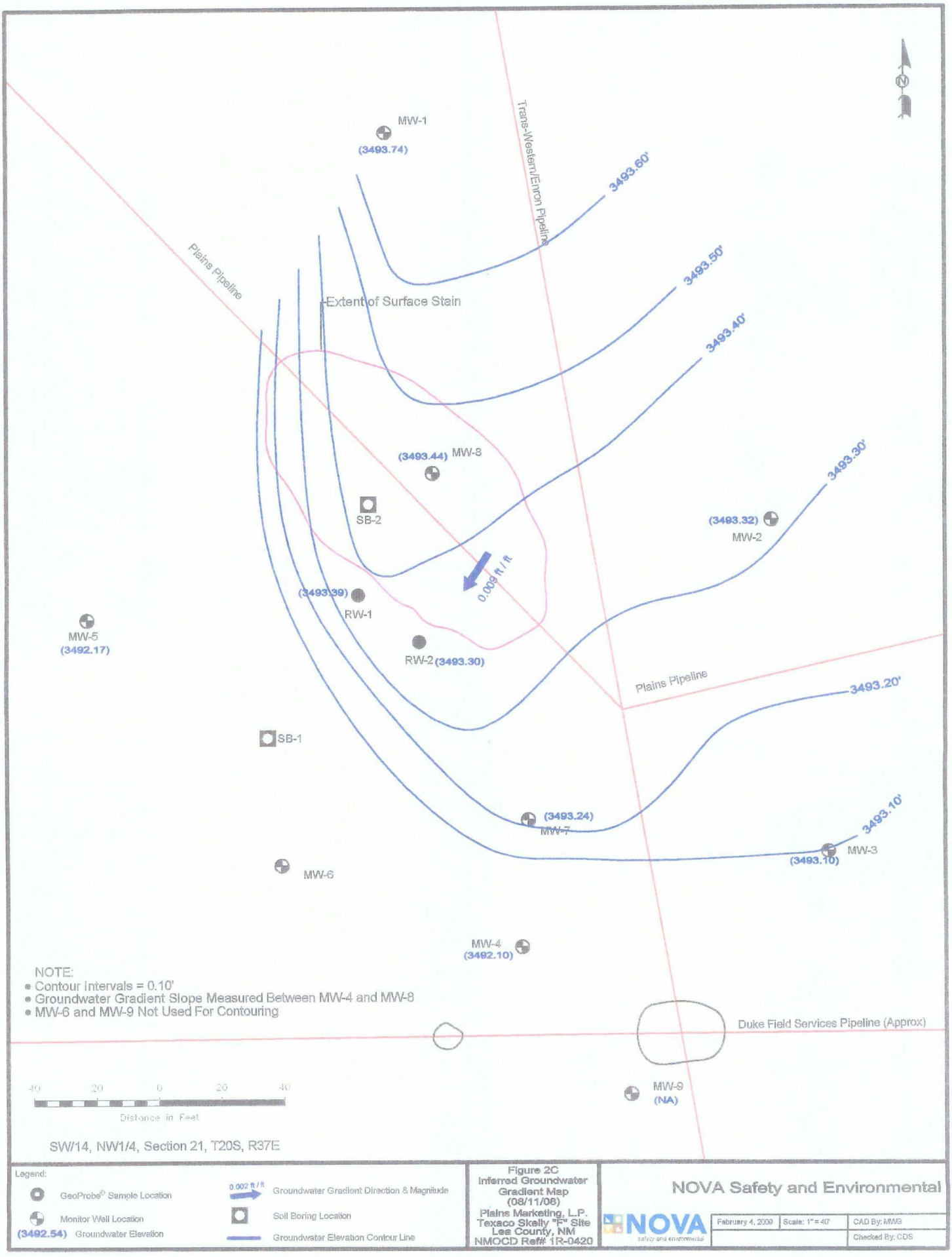
Legend:

- 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 2B
Inferred Groundwater Gradient Map
(05/08/08)
Plains Marketing, L.P.
Texaco Skelly "F" Site
Lea County, NM
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

October 9, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS



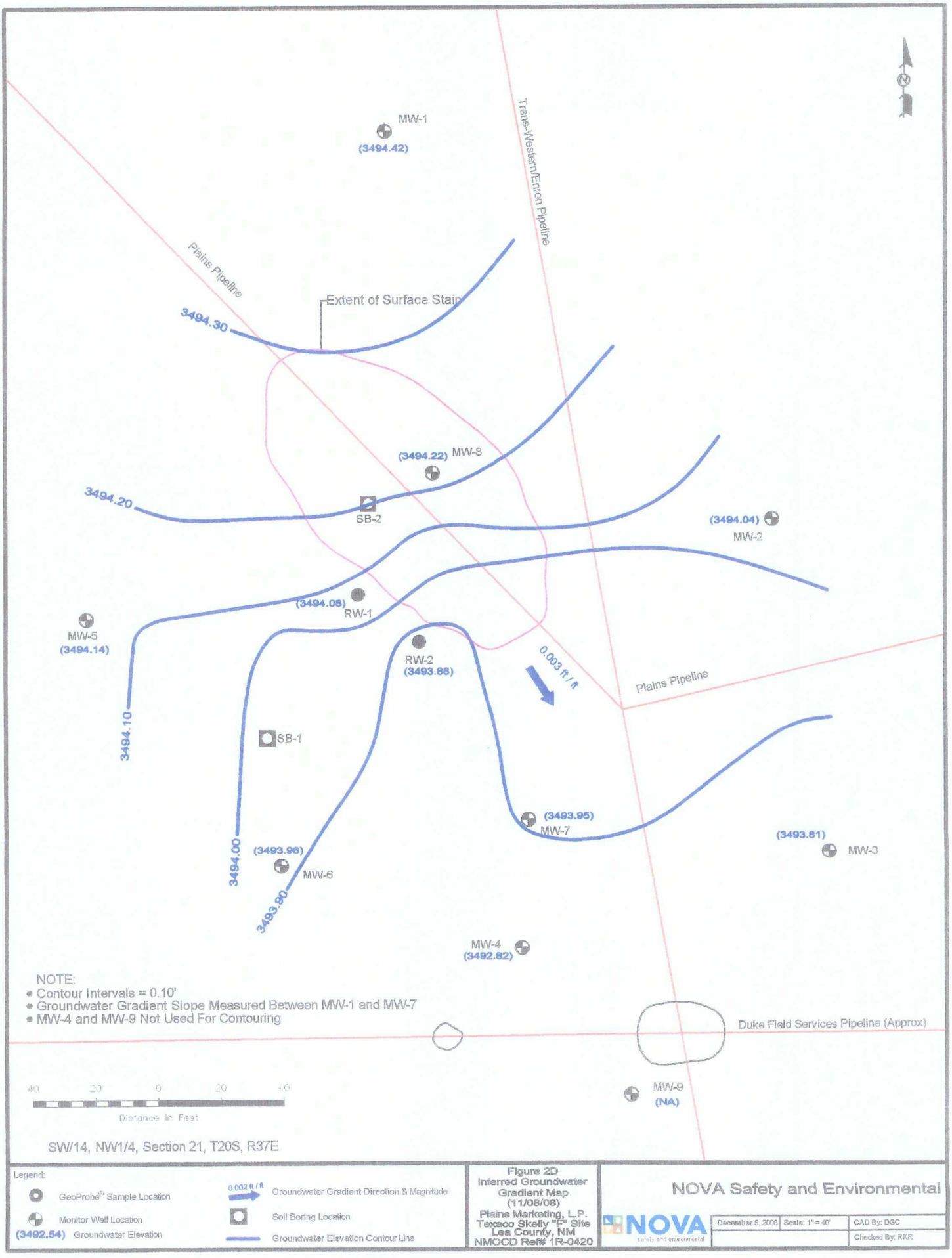
Legend:

- 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 2C
Inferred Groundwater Gradient Map (08/11/08)
Plains Marketing, L.P.
Texaco Skelly "F" Site
Lea County, NM
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

February 4, 2009	Scale: 1" = 40'	CAD By: MWG
		Checked By: CDS



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 2D
Inferred Groundwater Gradient Map (11/08/08)
Plains Marketing, L.P.
Texaco Skelly "F" Site
Lea County, NM
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

December 5, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: RKR

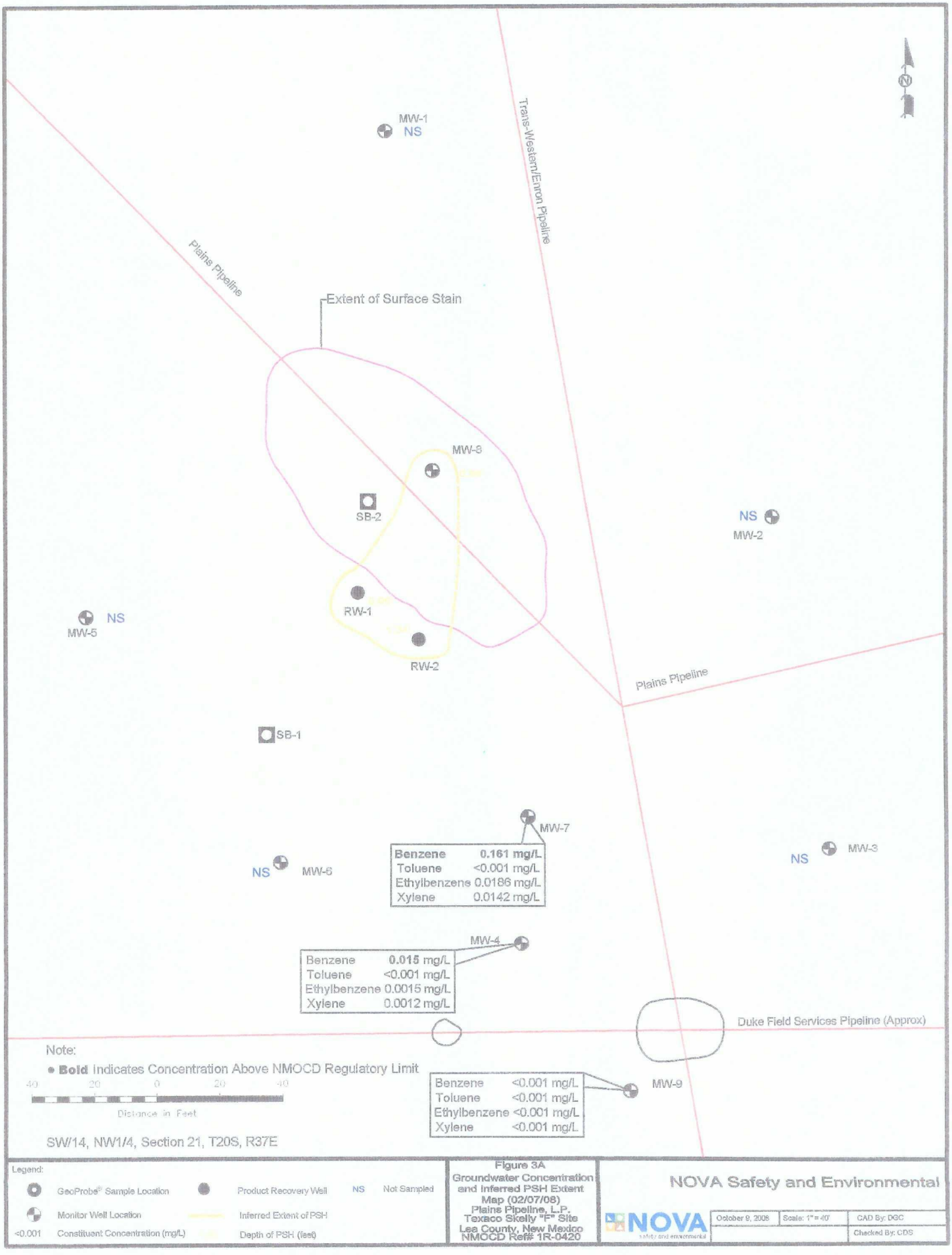
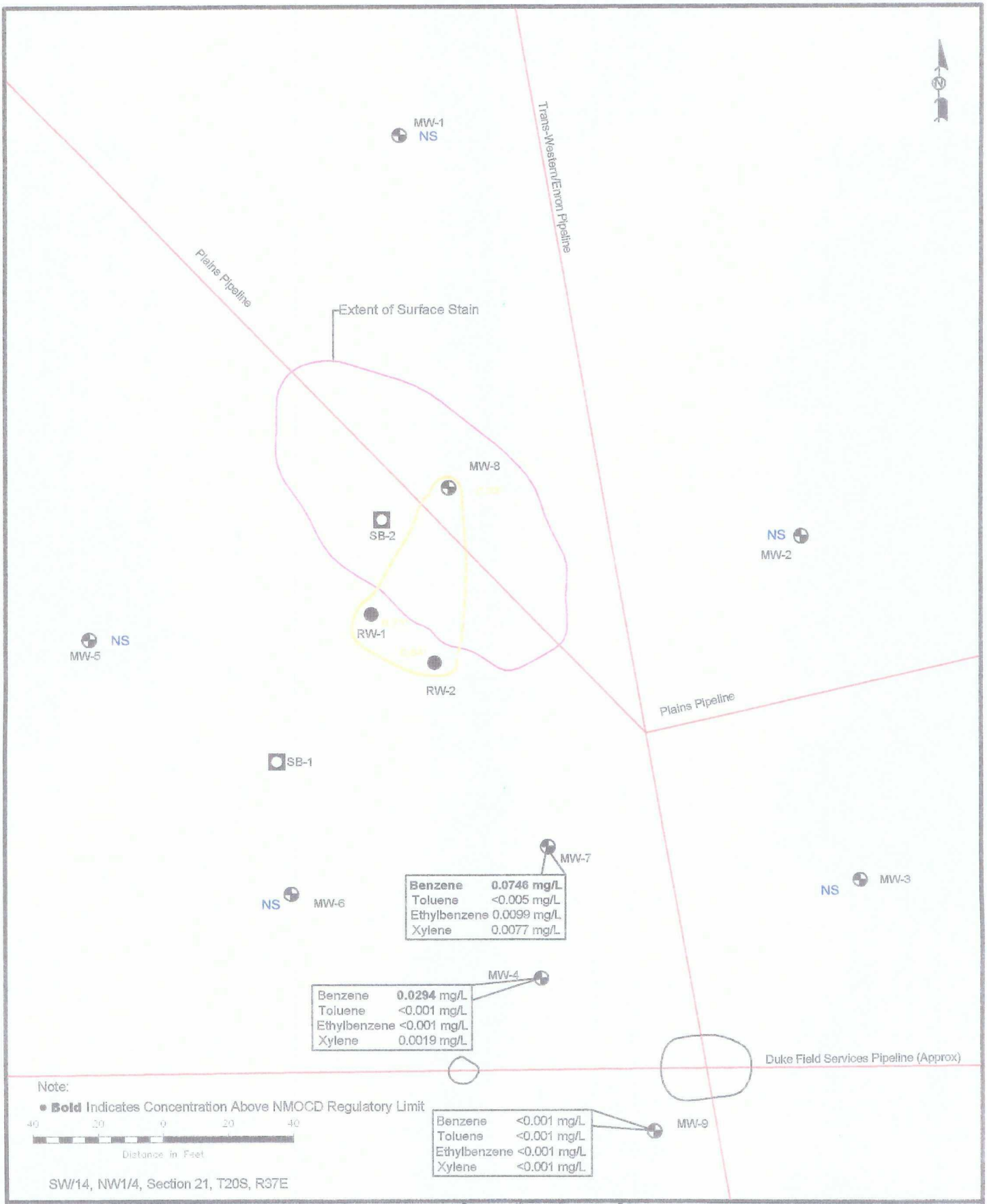


Figure 3A
Groundwater Concentration and Inferred PSH Extent Map (02/07/08)
Plains Pipeline, L.P.
Texaco Skelly "F" Site
Lea County, New Mexico
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

October 9, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS



Legend:

GeoProbe® Sample Location | Product Recovery Well | NS Not Sampled

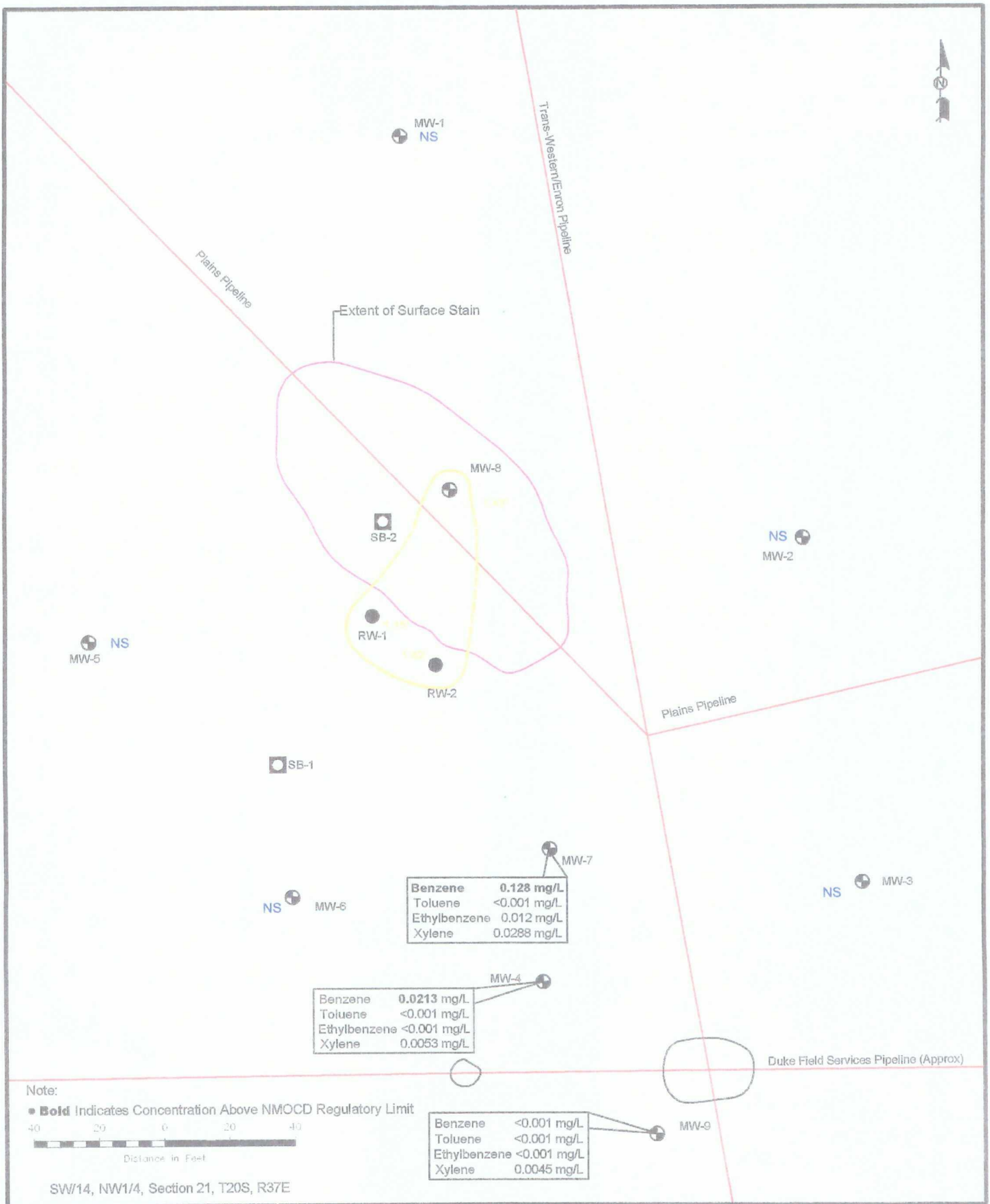
Monitor Well Location | Inferred Extent of PSH

<0.001 Constituent Concentration (mg/L) | Depth of PSH (feet)

Figure 3B
Groundwater Concentration and Inferred PSH Extent Map (05/08/08)
Plains Pipeline, L.P.
Texaco Skelly "F" Site
Lea County, New Mexico
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

October 9, 2008	Scale: 1" = 40'	CAD By: DSC
		Checked By: CDS



Note:

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

40 20 0 20 40

Distance in Feet

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

Legend:

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

Figure 3C
Groundwater Concentration and Inferred PSH Extent Map (08/11/08)
Plains Pipeline, L.P.
Texaco Skelly "F" Site
Lea County, New Mexico
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

October 9, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: CDS

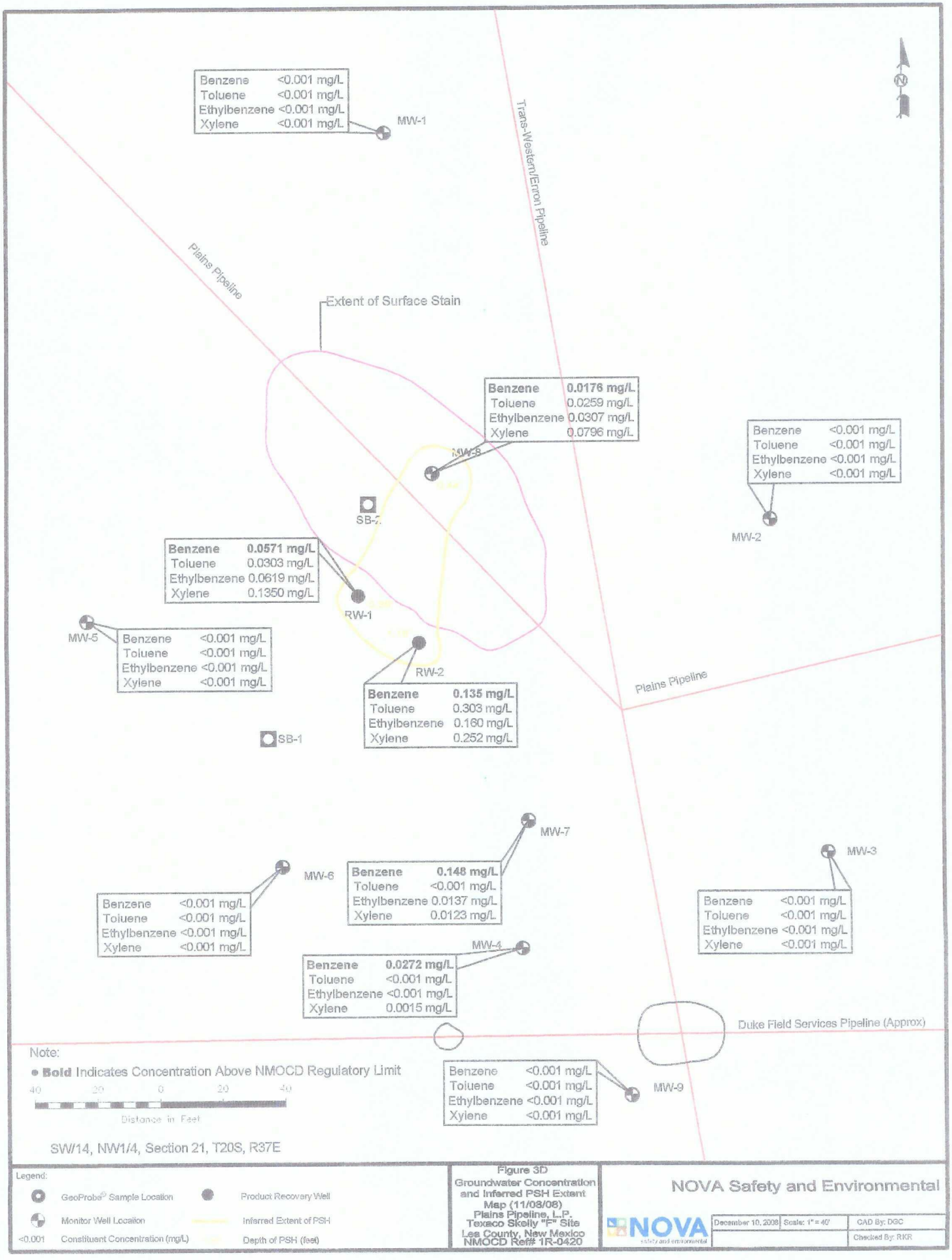


Figure 3D
Groundwater Concentration and Inferred PSH Extent Map (11/08/08)
Plains Pipeline, L.P.
Texaco Skelly "F" Site
Lea County, New Mexico
NMOCD Ref# 1R-0420

NOVA Safety and Environmental

December 10, 2008	Scale: 1" = 40'	CAD By: DGC
		Checked By: RKR

TABLES

TABLE 1

2008 GROUNDWATER ELEVATION DATA

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	*02/07/08*	3521.04	-	26.20	0.00	3494.84
MW - 1	*05/08/08*	3521.04	-	26.15	0.00	3494.89
MW - 1	*08/11/08*	3521.04	-	27.30	0.00	3493.74
MW - 1	*11/08/08*	3521.04	-	26.62	0.00	3494.42
MW - 2	*02/07/08*	3518.80	-	24.36	0.00	3494.44
MW - 2	*05/08/08*	3518.80	-	24.27	0.00	3494.53
MW - 2	*08/11/08*	3518.80	-	25.48	0.00	3493.32
MW - 2	*11/08/08*	3518.80	-	24.76	0.00	3494.04
MW - 3	*02/07/08*	3520.52	-	26.29	0.00	3494.23
MW - 3	*05/08/08*	3520.52	-	26.24	0.00	3494.28
MW - 3	*08/11/08*	3520.52	-	27.42	0.00	3493.10
MW - 3	*11/08/08*	3520.52	-	26.71	0.00	3493.81
MW - 4	*02/07/08*	3519.91	-	26.68	0.00	3493.23
MW - 4	*05/08/08*	3519.91	-	26.60	0.00	3493.31
MW - 4	*08/11/08*	3519.91	-	27.81	0.00	3492.10
MW - 4	*11/08/08*	3519.91	-	27.09	0.00	3492.82
MW - 5	*02/07/08*	3519.62	-	25.09	0.00	3494.53
MW - 5	*05/08/08*	3519.62	-	24.98	0.00	3494.64
MW - 5	*08/11/08*	3519.62	-	27.45	0.00	3492.17
MW - 5	*11/08/08*	3519.62	-	25.48	0.00	3494.14
MW - 6	*02/07/08*	3520.71	-	26.36	0.00	3494.35
MW - 6	*05/08/08*	3520.71	-	26.30	0.00	3494.41
MW - 6	*08/11/08*	3520.71	-	26.14	0.00	3494.57
MW - 6	*11/08/08*	3520.71	-	26.75	0.00	3493.96
MW - 7	*02/07/08*	3521.02	-	26.64	0.00	3494.38
MW - 7	02/15/08	3521.02	-	26.68	0.00	3494.34
MW - 7	02/21/08	3521.02	-	26.67	0.00	3494.35
MW - 7	02/28/08	3521.02	-	26.62	0.00	3494.40
MW - 7	03/14/08	3521.02	-	26.63	0.00	3494.39
MW - 7	03/20/08	3521.02	-	26.60	0.00	3494.42
MW - 7	03/24/08	3521.02	-	26.58	0.00	3494.44
MW - 7	04/03/08	3521.02	-	26.60	0.00	3494.42
MW - 7	05/08/08	3521.02	-	26.59	0.00	3494.43
MW - 7	*05/08/08*	3521.02	-	26.59	0.00	3494.43
MW - 7	05/15/08	3521.02	-	26.65	0.00	3494.37
MW - 7	05/30/08	3521.02	-	26.82	0.00	3494.20
MW - 7	06/04/08	3521.02	-	26.92	0.00	3494.10
MW - 7	06/25/08	3521.02	-	27.44	0.00	3493.58
MW - 7	06/30/08	3521.02	-	27.48	0.00	3493.54

TABLE 1

2008 GROUNDWATER ELEVATION DATA

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	07/16/08	3521.02	-	27.58	0.00	3493.44
MW - 7	07/23/08	3521.02	-	27.60	0.00	3493.42
MW - 7	*08/11/08*	3521.02	-	27.78	0.00	3493.24
MW - 7	08/18/08	3521.02	-	27.79	0.00	3493.23
MW - 7	10/07/08	3521.02	-	27.29	0.00	3493.73
MW - 7	10/15/08	3521.02	-	27.38	0.00	3493.64
MW - 7	10/16/08	3521.02	-	27.43	0.00	3493.59
MW - 7	10/22/08	3521.02	-	27.21	0.00	3493.81
MW - 7	11/03/08	3521.02	-	27.09	0.00	3493.93
MW - 7	*11/08/08*	3521.02	-	27.07	0.00	3493.95
MW - 7	11/10/08	3521.02	-	27.06	0.00	3493.96
MW - 7	11/17/08	3521.02	-	27.11	0.00	3493.91
MW - 7	11/24/08	3521.02	-	27.12	0.00	3493.90
MW - 7	12/01/08	3521.02	-	26.83	0.00	3494.19
MW - 7	12/05/08	3521.02	-	26.86	0.00	3494.16
MW - 7	12/08/08	3521.02	-	27.35	0.00	3493.67
MW - 8	01/09/08	3519.78	25.00	26.31	1.31	3494.58
MW - 8	01/16/08	3519.78	25.10	25.88	0.78	3494.56
MW - 8	01/18/08	3519.78	25.09	25.74	0.65	3494.59
MW - 8	01/22/08	3519.78	25.09	25.72	0.63	3494.60
MW - 8	*02/07/08*	3519.78	25.02	26.00	0.98	3494.61
MW - 8	02/13/08	3519.78	24.98	26.05	1.07	3494.64
MW - 8	02/15/08	3519.78	25.09	25.61	0.52	3494.61
MW - 8	02/21/08	3519.78	25.05	25.57	0.52	3494.65
MW - 8	02/28/08	3519.78	25.04	25.45	0.41	3494.68
MW - 8	03/14/08	3519.78	25.06	25.46	0.40	3494.66
MW - 8	03/20/08	3519.78	25.07	25.30	0.23	3494.68
MW - 8	03/24/08	3519.78	25.03	25.22	0.19	3494.72
MW - 8	04/03/08	3519.78	25.06	25.33	0.27	3494.68
MW - 8	04/07/08	3519.78	25.04	25.19	0.15	3494.72
MW - 8	04/23/08	3519.78	25.06	25.20	0.14	3494.70
MW - 8	05/08/08	3519.78	25.04	25.37	0.33	3494.69
MW - 8	*05/08/08*	3519.78	25.04	25.37	0.33	3494.69
MW - 8	05/15/08	3519.78	25.12	25.31	0.19	3494.63
MW - 8	05/18/08	3519.78	25.06	25.20	0.14	3494.70
MW - 8	05/30/08	3519.78	25.18	26.34	1.16	3494.43
MW - 8	06/04/08	3519.78	25.24	26.81	1.57	3494.30
MW - 8	06/06/08	3519.78	25.30	26.68	1.38	3494.27
MW - 8	06/12/08	3519.78	25.37	27.53	2.16	3494.09
MW - 8	06/16/08	3519.78	25.44	27.68	2.24	3494.00
MW - 8	06/25/08	3519.78	25.63	28.28	2.65	3493.75
MW - 8	06/30/08	3519.78	25.67	27.99	2.32	3493.76
MW - 8	07/14/08	3519.78	25.72	28.15	2.43	3493.70
MW - 8	07/16/08	3519.78	25.88	27.38	1.50	3493.68

TABLE 1

2008 GROUNDWATER ELEVATION DATA

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	07/23/08	3519.78	25.86	27.59	1.73	3493.66
MW - 8	07/29/08	3519.78	25.94	27.56	1.62	3493.60
MW - 8	08/01/08	3519.78	25.99	27.48	1.49	3493.57
MW - 8	*08/11/08*	3519.78	26.06	27.90	1.84	3493.44
MW - 8	08/18/08	3519.78	26.09	27.52	1.43	3493.48
MW - 8	08/28/08	3519.78	26.03	27.56	1.53	3493.52
MW - 8	09/02/08	3519.78	25.89	27.66	1.77	3493.62
MW - 8	09/09/08	3519.78	25.83	27.22	1.39	3493.74
MW - 8	09/18/08	3519.78	25.71	26.79	1.08	3493.91
MW - 8	09/23/08	3519.78	25.69	26.46	0.77	3493.97
MW - 8	09/30/08	3519.78	25.71	26.24	0.53	3493.99
MW - 8	10/07/08	3519.78	25.68	26.30	0.62	3494.01
MW - 8	10/15/08	3519.78	25.68	26.46	0.78	3493.98
MW - 8	10/16/08	3519.78	26.08	26.78	0.70	3493.60
MW - 8	10/22/08	3519.78	25.63	26.10	0.47	3494.08
MW - 8	10/28/08	3519.78	25.57	26.09	0.52	3494.13
MW - 8	10/30/08	3519.78	25.57	26.10	0.53	3494.13
MW - 8	11/03/08	3519.78	25.00	26.11	1.11	3494.61
MW - 8	*11/08/08*	3519.78	25.49	25.93	0.44	3494.22
MW - 8	11/10/08	3519.78	25.49	25.85	0.36	3494.24
MW - 8	11/17/08	3519.78	25.74	29.12	3.38	3493.53
MW - 8	11/24/08	3519.78	25.41	25.72	0.31	3494.32
MW - 8	11/24/08	3519.78	25.36	25.41	0.05	3494.41
MW - 8	12/01/08	3519.78	26.92	27.11	0.19	3492.83
MW - 8	12/05/08	3519.78	27.10	27.24	0.14	3492.66
MW - 8	12/08/08	3519.78	25.61	25.91	0.30	3494.13
MW - 9	*02/07/08*			26.12	0.00	
MW - 9	*05/08/08*			26.04	0.00	
MW - 9	*08/11/08*			27.27	0.00	
MW - 9	*11/08/08*			26.54	0.00	
RW - 1	01/09/08	3519.68	25.03	26.25	1.22	3494.47
RW - 1	01/16/08	3519.68	25.10	26.08	0.98	3494.43
RW - 1	01/18/08	3519.68	25.11	25.78	0.67	3494.47
RW - 1	01/22/08	3519.68	25.08	25.82	0.74	3494.49
RW - 1	*02/07/08*	3519.68	25.02	25.97	0.95	3494.52
RW - 1	02/13/08	3519.68	25.00	26.14	1.14	3494.51
RW - 1	02/15/08	3519.68	25.11	25.55	0.44	3494.50
RW - 1	02/21/08	3519.68	25.08	25.56	0.48	3494.53
RW - 1	02/28/08	3519.68	25.05	25.61	0.56	3494.55
RW - 1	03/14/08	3519.68	25.08	25.99	0.91	3494.46
RW - 1	03/20/08	3519.68	25.06	25.56	0.50	3494.55
RW - 1	03/24/08	3519.68	25.02	25.53	0.51	3494.58
RW - 1	04/03/08	3519.68	25.03	25.52	0.49	3494.58

TABLE 1

2008 GROUNDWATER ELEVATION DATA

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	04/07/08	3519.68	25.02	25.41	0.39	3494.60
RW - 1	04/23/08	3519.68	24.96	25.87	0.91	3494.58
RW - 1	05/08/08	3519.68	25.02	25.73	0.71	3494.55
RW - 1	*05/08/08*	3519.68	25.02	25.73	0.71	3494.55
RW - 1	05/15/08	3519.68	25.05	25.62	0.57	3494.54
RW - 1	05/18/08	3519.68	25.07	25.42	0.35	3494.56
RW - 1	05/30/08	3519.68	25.22	26.01	0.79	3494.34
RW - 1	06/04/08	3519.68	25.35	25.79	0.44	3494.26
RW - 1	06/06/08	3519.68	25.46	25.68	0.22	3494.19
RW - 1	06/16/08	3519.68	25.66	26.17	0.51	3493.94
RW - 1	06/25/08	3519.68	25.81	26.82	1.01	3493.72
RW - 1	06/30/08	3519.68	25.88	26.55	0.67	3493.70
RW - 1	07/14/08	3519.68	25.86	27.03	1.17	3493.64
RW - 1	07/16/08	3519.68	26.00	26.36	0.36	3493.63
RW - 1	07/23/08	3519.68	25.99	26.69	0.70	3493.59
RW - 1	07/29/08	3519.68	26.05	26.73	0.68	3493.53
RW - 1	08/01/08	3519.68	26.11	26.52	0.41	3493.51
RW - 1	*08/11/08*	3519.68	26.12	27.27	1.15	3493.39
RW - 1	08/18/08	3519.68	26.17	27.09	0.92	3493.37
RW - 1	08/28/08	3519.68	26.05	27.16	1.11	3493.46
RW - 1	09/02/08	3519.68	26.02	26.71	0.69	3493.56
RW - 1	09/09/08	3519.68	25.91	26.51	0.60	3493.68
RW - 1	09/18/08	3519.68	25.75	26.37	0.62	3493.84
RW - 1	09/23/08	3519.68	25.76	26.19	0.43	3493.86
RW - 1	09/30/08	3519.68	25.71	26.24	0.53	3493.89
RW - 1	10/07/08	3519.68	25.69	26.02	0.33	3493.94
RW - 1	10/15/08	3519.68	25.70	26.19	0.49	3493.91
RW - 1	10/16/08	3519.68	25.82	26.09	0.27	3493.82
RW - 1	10/22/08	3519.68	25.64	26.00	0.36	3493.99
RW - 1	10/28/08	3519.68	25.60	26.08	0.48	3494.01
RW - 1	10/30/08	3519.68	25.58	25.76	0.18	3494.07
RW - 1	11/03/08	3519.68	25.54	29.53	3.99	3493.54
RW - 1	*11/08/08*	3519.68	25.54	25.93	0.39	3494.08
RW - 1	11/10/08	3519.68	25.49	27.74	2.25	3493.85
RW - 1	11/17/08	3519.68	26.25	26.81	0.56	3493.35
RW - 1	11/24/08	3519.68	25.78	27.31	1.53	3493.67
RW - 1	11/24/08	3519.68	25.47	26.51	1.04	3494.05
RW - 1	12/01/08	3519.68	26.82	27.43	0.61	3492.77
RW - 1	12/05/08	3519.68	26.92	27.38	0.46	3492.69
RW - 1	12/08/08	3519.68	26.13	26.92	0.79	3493.43
RW - 2	01/09/08	3520.24	25.59	27.36	1.77	3494.38
RW - 2	01/16/08	3520.24	25.76	26.45	0.69	3494.38
RW - 2	01/18/08	3520.24	25.73	26.22	0.49	3494.44
RW - 2	01/22/08	3520.24	25.70	26.40	0.70	3494.44

TABLE 1

2008 GROUNDWATER ELEVATION DATA

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	*02/07/08*	3520.24	25.60	26.94	1.34	3494.44
RW - 2	02/13/08	3520.24	25.54	27.23	1.69	3494.45
RW - 2	02/15/08	3520.24	25.75	26.06	0.31	3494.44
RW - 2	02/21/08	3520.24	25.72	26.03	0.31	3494.47
RW - 2	02/28/08	3520.24	25.67	26.05	0.38	3494.51
RW - 2	03/14/08	3520.24	25.62	26.40	0.78	3494.50
RW - 2	03/20/08	3520.24	25.67	26.10	0.43	3494.51
RW - 2	03/24/08	3520.24	25.64	26.06	0.42	3494.54
RW - 2	04/03/08	3520.24	25.69	26.14	0.45	3494.48
RW - 2	04/07/08	3520.24	25.64	25.88	0.24	3494.56
RW - 2	04/23/08	3520.24	25.70	26.36	0.66	3494.44
RW - 2	05/08/08	3520.24	25.65	26.19	0.54	3494.51
RW - 2	*05/08/08*	3520.24	25.65	26.19	0.54	3494.51
RW - 2	05/15/08	3520.24	25.75	26.10	0.35	3494.44
RW - 2	05/18/08	3520.24	25.69	25.88	0.19	3494.52
RW - 2	05/30/08	3520.24	25.86	26.64	0.78	3494.26
RW - 2	06/04/08	3520.24	26.01	26.44	0.43	3494.17
RW - 2	06/06/08	3520.24	26.07	26.27	0.20	3494.14
RW - 2	06/12/08	3520.24	26.09	27.07	0.98	3494.00
RW - 2	06/16/08	3520.24	26.21	27.11	0.90	3493.90
RW - 2	06/25/08	3520.24	26.35	27.90	1.55	3493.66
RW - 2	06/30/08	3520.24	26.44	27.57	1.13	3493.63
RW - 2	07/14/08	3520.24	26.46	28.24	1.78	3493.51
RW - 2	07/16/08	3520.24	26.55	27.26	0.71	3493.58
RW - 2	07/23/08	3520.24	26.60	27.89	1.29	3493.45
RW - 2	07/29/08	3520.24	26.65	27.87	1.22	3493.41
RW - 2	08/01/08	3520.24	26.77	27.61	0.84	3493.34
RW - 2	*08/11/08*	3520.24	26.67	28.49	1.82	3493.30
RW - 2	08/18/08	3520.24	26.72	28.24	1.52	3493.29
RW - 2	08/28/08	3520.24	26.59	28.38	1.79	3493.38
RW - 2	09/02/08	3520.24	26.57	27.86	1.29	3493.48
RW - 2	09/09/08	3520.24	26.46	27.82	1.36	3493.58
RW - 2	09/18/08	3520.24	26.31	27.66	1.35	3493.73
RW - 2	09/23/08	3520.24	26.33	27.16	0.83	3493.79
RW - 2	09/30/08	3520.24	26.28	27.29	1.01	3493.81
RW - 2	10/07/08	3520.24	26.31	27.00	0.69	3493.83
RW - 2	10/15/08	3520.24	26.31	27.43	1.12	3493.76
RW - 2	10/16/08	3520.24	26.46	26.81	0.35	3493.73
RW - 2	10/22/08	3520.24	26.25	26.93	0.68	3493.89
RW - 2	10/28/08	3520.24	26.18	26.90	0.72	3493.95
RW - 2	10/30/08	3520.24	26.15	27.04	0.89	3493.96
RW - 2	11/03/08	3520.24	26.19	26.54	0.35	3494.00
RW - 2	*11/08/08*	3520.24	26.18	27.36	1.18	3493.88
RW - 2	11/10/08	3520.24	26.09	27.05	0.96	3494.01
RW - 2	11/17/08	3520.24	25.24	26.40	1.16	3494.83

TABLE 1

2008 GROUNDWATER ELEVATION DATA

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	11/24/08	3520.24	26.41	27.52	1.11	3493.66
RW - 2	11/24/08	3520.24	25.68	25.95	0.27	3494.52
RW - 2	12/01/08	3520.24	26.32	27.11	0.79	3493.80
RW - 2	12/05/08	3520.24	26.41	27.25	0.84	3493.70
RW - 2	12/08/08	3520.24	27.03	27.48	0.45	3493.14

Note: Elevations based on the North American Vertical Datum of 1929.

** Complete Historical Tables are provided on the attached CD.*

TABLE 2

2008 - 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 SW 846-8015M		EPA Method SW 846-8021B				
		TPH GRO C_6-C_{12}	TPH DRO >C_{12}-C35	BENZENE	TOLUENE	ETHYL-BENZENE	m - p XYLENES	o - XYLENE
NMOCD Regulatory Limit				**0.0100**	**0.75**	**0.75**	**Total XYLENES 0.62**	
MW - 1	*02/07/08*			Not sampled due to sample reduction				
MW - 1	*05/08/08*			Not sampled due to sample reduction				
MW - 1	*08/11/08*			Not sampled due to sample reduction				
MW - 1	*11/08/08*			<0.001	<0.001	<0.001	<0.001	
MW - 2	*02/07/08*			Not sampled due to sample reduction				
MW - 2	*05/08/08*			Not sampled due to sample reduction				
MW - 2	*08/11/08*			Not sampled due to sample reduction				
MW - 2	*11/08/08*			<0.001	<0.001	<0.001	<0.001	
MW - 3	*02/07/08*			Not sampled due to sample reduction				
MW - 3	*05/08/08*			Not sampled due to sample reduction				
MW - 3	*08/11/08*			Not sampled due to sample reduction				
MW - 3	*11/08/08*			<0.001	<0.001	<0.001	<0.001	
MW - 4	*02/07/08*			**0.0150**	<0.001	0.0015	0.0012	
MW - 4	*05/08/08*			**0.0294**	<0.001	<0.001	0.0019	
MW - 4	*08/11/08*			**0.0213**	<0.001	<0.001	0.0053	
MW - 4	*11/08/08*			**0.0272**	<0.001	<0.001	0.0015	
MW - 5	*02/07/08*			Not sampled due to sample reduction				
MW - 5	*05/08/08*			Not sampled due to sample reduction				
MW - 5	*08/11/08*			Not sampled due to sample reduction				
MW - 5	*11/08/08*			<0.001	<0.001	<0.001	<0.001	
MW - 6	*02/07/08*			Not sampled due to sample reduction				
MW - 6	*05/08/08*			Not sampled due to sample reduction				
MW - 6	*08/11/08*			Not sampled due to sample reduction				
MW - 6	*11/08/08*			<0.001	<0.001	<0.001	<0.001	
MW - 7	*02/07/08*			**0.1610**	<0.001	0.0186	0.0142	
MW - 7	*05/08/08*			**0.0746**	<0.005	0.0099	0.0077	
MW - 7	*08/11/08*			**0.1280**	<0.00100	0.0120	0.0288	
MW - 7	*11/08/08*			**0.1480**	<0.00100	0.0137	0.0123	
MW - 8	*02/07/08*			Not sampled Due to PSH in Well				
MW - 8	*05/08/08*			Not sampled Due to PSH in Well				
MW - 8	*08/11/08*			Not sampled Due to PSH in Well				
MW - 8	*11/08/08*	1.48	199	**0.0176**	0.0259	0.0307	0.0796	

TABLE 2

2008 - 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 SW 846-8015M		EPA Method SW 846-8021B				
		TPH GRO C_6-C_{12}	TPH DRO >C_{12}-C35	BENZENE	TOLUENE	ETHYL-BENZENE	m - p XYLENES	o - XYLENE
MW - 9	*02/07/08*			<0.001	<0.001	<0.001	<0.001	
MW - 9	*05/08/08*			<0.001	<0.001	<0.001	<0.001	
MW - 9	*08/11/08*			<0.001	<0.001	<0.001	0.0045	
MW - 9	*11/08/08*			<0.001	<0.001	<0.001	<0.001	
RW - 1	*02/07/08*			Not sampled Due to PSH in Well				
RW - 1	*05/08/08*			Not sampled Due to PSH in Well				
RW - 1	*08/11/08*			Not sampled Due to PSH in Well				
RW - 1	*11/08/08*	3.17	26.8	**0.0571**	0.0303	0.0619	0.1350	
RW - 2	*02/07/08*			Not sampled Due to PSH in Well				
RW - 2	*05/08/08*			Not sampled Due to PSH in Well				
RW - 2	*08/11/08*			Not sampled Due to PSH in Well				
RW - 2	*11/08/08*	3.56	24.9	**0.135**	0.303	0.160	0.252	

TABLE 3

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER - 2008

PLAINS MARKETING, L.P.
TEXACO SKELLY "F"
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE NUMBER 1R-0420

All water concentrations are reported in mg/L

SAMPLE LOCATION	SAMPLE DATE	EPA SW846-8270C, 3510																		
		Acenaphthene	Acenaphthylene	Anthracene	Benzo[a]anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Chrysene	Dibenz[a,h]anthracene	Fluoranthene	Fluorene	Indeno[1,2,3-cd]pyrene	Naphthalene	Phenanthrene	Pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Dibenzofuran
Maximum Contaminant Levels from NM WQCC Drinking water standards Sections 1-101.UU and 3-103.A.		–	–	–	0.0001 mg/L	0.0007 mg/L	0.0002 mg/L	–	0.0002 mg/L	0.0002 mg/L	0.0003 mg/L	–	–	0.0004 mg/L	0.03 mg/L	–	–	0.03 mg/L		–
MW-1	11/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184
MW-2	11/08/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-3	11/08/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-4	11/08/08	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	<0.000184	0.000573	<0.000184	<0.000184	0.000716	<0.000184	0.00227	<0.000184	0.00148
MW-5	11/08/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	0.000195	<0.000183	<0.000183
MW-6	11/08/08	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183	<0.000183
MW-7	11/08/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	0.00117	<0.000185	0.00103	0.00109	<0.000185	0.0047	0.000888	0.00206
MW-8	11/08/08	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	<0.000922	0.00615	<0.000922	0.00758	0.00814	<0.000922	**0.0289**	**0.0228**	0.00519
MW-9	11/08/08	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185	<0.000185
RW-1	11/08/08	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	<0.000926	0.0102	<0.000926	0.0155	0.0124	<0.000926	**0.0382**	**0.0584**	0.0096
RW-2	11/08/08	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	<0.000917	0.00436	<0.000917	0.0077	0.00541	<0.000917	**0.0156**	**0.0188**	0.00424

APPENDICES

APPENDIX A:
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	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 ☒ No ☐ 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? ☐ 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 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:	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