AP

ANNUAL MONITORING REPORT

YEAR(S): DA2 - 2007



2007 ANNUAL MONITORING REPORT

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SW ¼, SE ¼ SECTION 11, TOWNSHIP 15 SOUTH, RANGE 37 EAST NW ¼, NE ¼ SECTION 14, TOWNSHIP 15 SOUTH, RANGE 37 EAST LEA COUNTY, NEW MEXICO PLAINS EMS NUMBER: LF-1999-62 NMOCD Reference AP-007

PREPARED FOR:

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

PREPARED BY:

NOVA Safety and Environmental 2057 Commerce Midland, Texas 79703

March 2008

Curt D. Stanley

Project Manager

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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 TNM 97-18 TNM 98-05A TNM 98-05B TNM 97-04 Texaco Skelly "F" Darr Angell #2 LF-59 **SPS-11** Monument #10 Monument #17 Monument #18 Lea Station to Monument 6" 34 Junction South Station Bob Durham Darr Angell #1 Darr Angell #4 HDO 90-23 Junction 34 to Lea Monument #2 Monument Barber 10" Sour Monument #11 Red Byrd #1 South Monument Gathering **Denton Station**

Section 21, Township 20 South, Range 37 East, Lea County Section 28, Township 20 South, Range 37 East, Lea County Section 26, Township 21 South, Range 37 East, Lea County Section 26, Township 21 South, Range 37 East, Lea County Section 11, Township 16 South, Range 35 East, Lea County Section 21, Township 20 South, Range 37 East, Lea County Section 14. Township 15 South, Range 37 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 18, Township 18 South, Range 36 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 29, Township 19 South, Range 37 East, Lea County Section 7, Township 20 South, Range 37 East, Lea County Section 5. Township 20 South, Range 37 East, Lea County Section 2. Township 17 South, Range 36 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 11, Township 15 South, Range 37 East, Lea County Sections 2 and 11, Township 15 South, Range 37 East, Lea County Section 6, Township 20 South, Range 37 East, Lea County Section 21, Township 20 South, Range 37 East, Lea County Section 6, Township 20 South, Range 37 East, Lea County Section 32, Township 19 South, Range 37 East, Lea County Section 30, Township 19 South, Range 37 East, Lea County Section 1, Township 20 South, Range 36 East, Lea County Section 5, Township 20 South, Range 37 East, Lea County 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,

Ò Econolds amile.

Camille Reynolds Remediation Coordinator Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures

2007 ANNUAL MONITORING REPORT

DARR ANGELL 2

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NOVA Safety and Environmental 2057 Commerce Midland, Texas 79703

March 2008

Curt D. Stanley Project Manager Todd K. Choban, P.G. Vice-President Technical Services

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Appendix A – Boring Log and Monitor Well Details

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

ENCLOSED ON DATA DISK

2007 Annual Monitoring Report 2007 Tables 1 and 2 - Groundwater Elevation and BTEX Concentration Data 2007 Table 3 – Concentrations of BTEX and TPH in Soil 2007 Figures 1, 2A-2D, and 3A-3D Electronic Copies of Laboratory Reports Historic Groundwater Elevation Tables Historic BTEX Concentration Tables

INTRODUCTION

On behalf of Plains Marketing, L.P., (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities for the Darr Angell #2 pipeline release site (the site) were assumed by NOVA. The site, 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. This 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 provided on the enclosed disk. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2007 to assess the extent of dissolved phase and Phase Separated Hydrocarbon (PSH) impact at the site. 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 site is located approximately 12.5 miles east of the town of Lovington, New Mexico near State Highway 82 in the SW ¹/₄ of the SE ¹/₄ Section 11, Township 15 South, Range 37 East and the NW ¹/₄ of the NE ¹/₄ Section 14, Township 15 South, Range 37 East. The site coordinates are latitude 33° 01' 47.0" North, longitude 103° 10' 10.7" West. According to Form C-141, the release was discovered by EOTT employees on July 29, 1999. The release was attributed to structural failure due to external corrosion on the 8-inch steel pipeline and resulted in the loss of approximately 60 barrels of crude oil with no recovery. The release was reported to the New Mexico Oil Conservation Division (NMOCD) on July 29, 1999. A copy of the Release Notification and Corrective Action (Form C-141) is provided in Appendix B.

Initial site characterization activities began in August 1999 and consisted of the advancement of forty soil borings within and around the area of surface staining. In April and May 2000, a previous contractor excavated the areas identified by the soil boring investigation as impacted to a depth of approximately 4.5 feet below ground surface (bgs). Impacted soil was stockpiled on site. Excavation activities resumed in April and May 2001, with the removal of approximately 3,000 cubic yards (cy) of impacted soil. This material was added to soil previously stockpiled on site. On various dates between April 2000 and December 2002, monitor wells MW-1 through MW-10 and recovery wells RW-1 through RW-7 were installed.

Partial backfilling of the open excavation occurred subsequent to NMOCD approval of a backfill request submitted on March 11, 2002. Backfill material consisted of previously excavated caliche which had been separated from other excavated material by mechanical screening. In October 2003, approximately 3,100 cy of excavated soil was placed into a treatment area two to

three feet in depth. Quarterly mechanical tilling of this stockpile occurred throughout 2004. Analytical results, detailed in the Site Restoration Work Plan and Proposed Soil Closure Strategy dated January 2006, indicate total petroleum hydrocarbon (TPH) concentrations within the soil treatment cell were below NMOCD regulatory standards.

In a letter from the NMOCD dated April 5, 2006, Plains received NMOCD approval to backfill the excavation at the Darr Angell #2 release site. In June 2006, the excavation was backfilled with remediated soil contained in the soil treatment soil and contoured to grade. A *Soil Closure Request* was submitted to the NMOCD and on February 19, 2008, Plains received an email approving the soil closure request.

Currently, there are ten monitor wells (MW-1 through MW-4 and MW-6 through MW-11) and seven recovery wells (RW-1 through RW-7) onsite. Monitor well MW-5 was plugged and abandoned with NMOCD approval on September 14, 2005. An automated product recovery system operated on site throughout the reporting period. Manual product recovery was performed on those wells with PSH not included in the recovery system.

RECENT FIELD ACTIVITIES

A measurable thickness of PSH was present in eight monitor or recovery wells (MW-2 and RW-1 through RW-7) during each quarter of the reporting period. The average thickness of PSH in monitor wells and recovery wells for wells exhibiting PSH is 5.01 feet. The maximum thickness of PSH in monitor and recovery wells was 9.33 feet as recorded in recovery well RW-2 on May 14, 2007. PSH data for the 2007 gauging events can be found in Table 1. Approximately 1,120 gallons (27 barrels) of PSH were recovered from the site during this reporting period. Approximately 13,568 gallons (323 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception. Recovered PSH was reintroduced into the Plains transportation system at the 34 Junction South Station, near Lovington, New Mexico.

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 20, 2005.

	NMOCD APPROVED SAMPLING SCHEDULE									
Location	Schedule	Location	Schedule	Location	Schedule					
MW-1	Annually	MW-7	Annually	RW-2	Quarterly					
MW-2	Quarterly	MW-8	Annually	RW-3	Quarterly					
MW-3	Semi-Annually	MW-9	Annually	RW-4	Quarterly					
MW-4	Semi-Annually	MW-10	Annually	RW-5	Quarterly					
MW-5	Plugged / Abandoned	Second second states where		RW-6	Quarterly					
MW-6	Annually	RW-1	Quarterly	RW-7	Quarterly					

The site monitor wells were gauged and sampled on March 21, June 8, August 31, and November 21, 2007. During each sampling event the monitor wells were purged of a minimum of three well volumes of water or until the wells were dry using a PVC bailer or electrical Grundfos Pump. Groundwater was allowed to recharge and samples were obtained using disposable Teflon samplers. Water samples were collected in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during each quarterly monitoring event, are depicted on Figures 2A through 2D, the Inferred Groundwater Gradient Maps. Groundwater elevation data for 2007 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 0.004 feet/foot to the southeast as measured between recovery well RW-2 and monitor well MW-2. This is consistent with data presented on Figures 2A through 2C from the earlier quarters. The corrected groundwater elevations ranged between 3725.66 and 3728.71 feet above mean sea level, reported in recovery well RW-2 on September 6 and June 13, 2007, respectively.

LABORATORY RESULTS

Monitor well MW-2 and recovery wells RW-1 through RW-7 contained measureable PSH and were not sampled during the reporting period.

All groundwater samples collected during the reporting period were delivered to TraceAnalysis, Inc. of Lubbock, Texas for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) constituent analysis utilizing EPA Method SW 846-8021b. Analytical results of BTEX constituent concentrations for 2007 are summarized on Table 2. Historical BTEX constituent concentrations and copies of the laboratory reports for 2007 are provided on the enclosed data disk. The quarterly groundwater analytical results are depicted on the Groundwater Concentration and Inferred PSH Extent Maps, Figures 3A-3D.

Monitor well MW-1 is sampled on an annual schedule and analytical results indicate benzene, toluene and ethylbenzene concentrations were below laboratory method detection limits (MDL) and NMOCD regulatory standards of 0.01mg/L for benzene, 0.75 mg/L for toluene, 0.75 mg/L for ethylbenzene and 0.62 mg/L for xylene, during the 4th quarter sampling event. Xylene concentrations were 0.002 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during the 4th quarter of 2007. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last thirty-two consecutive quarters.

Monitor well MW-2 is monitored on a quarterly schedule. Monitor well MW-2 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the monitor well. PSH thicknesses of 5.46 feet, 2.96 feet, 0.48 feet and 5.27 feet were reported during the 1^{st} , 2^{nd} , 3^{rd} and 4^{th} quarters of 2007, respectively.

Monitor well MW-3 is sampled on a semi-annual (Plains voluntarily samples monitor well MW-3 quarterly due to benzene concentrations in excess of NMOCD standards) schedule and analytical results indicate benzene concentrations ranged from 0.319 mg/L during the 1st quarter

to 0.885 mg/L during the 4th quarter of the reporting period. Benzene concentrations were above the NMOCD regulatory standard during all four quarterly sampling events. Toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standard during the all four quarterly sampling events. Xylene concentrations ranged from 0.0921 mg/L during the G 1st quarter to 0.249 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during all four quarters of 2007. 6 four consecutive quarters. ۲ four consecutive quarters. Ð four consecutive quarters.

> **Monitor well MW-10** is sampled on an annual schedule and analytical results indicate benzene. toluene and ethylbenzene concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4th quarter sampling event. Xylene concentrations were 0.0015 mg/L during the 4th quarter of the reporting period. Xylene concentrations were below NMOCD regulatory standards during the 4th guarter of 2007. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive quarters.

Monitor well MW-11 was installed on December 4, 2007 and this monitor well was sampled after the 4th quarter sampling event. The monitor well will be sampled on a quarterly schedule. Following the installation, development and initial groundwater sampling of monitor well, the analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent.

Recovery well RW-1 is monitored on a quarterly schedule. Recovery well RW-1 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 7.56 feet, 0.28 feet, 3.15 feet and 7.56 feet were reported during the 1^{st} , 2^{nd} , 3^{rd} and 4^{th} quarters of 2007, respectively.

Recovery well RW-2 is monitored on a quarterly schedule. Recovery well RW-2 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 4.54 feet, 4.68 feet, 2.29 feet and 5.32 feet were reported during the 1^{st} , 2^{nd} , 3^{rd} and 4^{th} quarters of 2007, respectively.

Recovery well RW-3 is monitored on a quarterly schedule. Recovery well RW-3 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 6.46 feet, 5.55 feet, 1.98 feet and 7.26 feet were reported during the 1^{st} , 2^{nd} , 3^{rd} and 4^{th} quarters of 2007, respectively.

Recovery well RW-4 is monitored on a quarterly schedule. Recovery well RW-4 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 6.93 feet, 4.73 feet, 5.32 feet and 1.53 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2007, respectively.

Recovery well RW-5 is monitored on a quarterly schedule. Recovery well RW-5 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 5.15 feet, 1.48 feet, 1.22 feet and 3.00 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2007, respectively.

Recovery well RW-6 is monitored on a quarterly schedule. Recovery well RW-6 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 7.81 feet, 4.96 feet, 4.14 feet and 7.90 feet were reported during the 1st, 2nd, 3rd and 4th quarters of 2007, respectively.

Recovery well RW-7 is monitored on a quarterly schedule. Recovery well RW-7 was not sampled during any of four quarters of the reporting period, due to the reported presence of PSH in the recovery well. PSH thicknesses of 7.33 feet, and 4.36 feet, were reported during the 1^{st} , and 2^{nd} quarters of 2007, respectively. The monitor well contained PSH and was obstructed during the 3^{rd} and 4^{th} quarters of the reporting period.

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

SUMMARY

This report presents the results of monitoring activities for the 2007 annual monitoring period. Currently, there are ten groundwater monitor wells (MW-1 through MW-11, excluding MW-5) and seven product recovery wells (RW-1 through RW-7) on-site. A measurable thickness of PSH was present in eight monitor or recovery wells (MW-2 and RW-1 through RW-7) during each quarter of the reporting period. Approximately 1,120 gallons (27 barrels) of PSH were recovered from the site during this reporting period. Approximately 13,568 gallons (323 barrels) of PSH have been recovered from the site utilizing manual and automated methods since project inception. Groundwater elevation contours generated from water level measurements acquired during the most recent quarter indicated a general gradient of 0.004 feet/foot to the southeast as measured between recovery well RW-2 and monitor well MW-2

As discussed above, eight monitor or recovery wells contained measurable PSH thicknesses during each sampling event of 2007 and were not sampled. Dissolved phase benzene concentrations were above NMOCD regulatory standards in one monitor well. The remaining eight monitor wells (including monitor well MW-11) returned analytical results indicating BTEX constituent concentrations below the appropriate NMOCD regulatory standard.

ANTICIPATED ACTIONS

Plains will modify the groundwater sampling schedule for monitor well MW-3 from the current semi-annual groundwater sampling schedule to a quarterly sampling schedule.

Quarterly groundwater monitoring and sampling will continue in 2008. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2009. The automated recovery system will be monitored and adjusted to maximize the efficiency of product removal and gradient control.

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 cstanley@novatraining.cc

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2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-1	03/21/07	3788.04	-	60.33	0.00	3727.71
	06/08/07	3788.04	-	60.43	0.00	3727.61
	08/31/07	3788.04	-	60.53	0.00	3727.51
	11/21/07	3788.04	-	60.64	0.00	3727.40
					CONTRACTOR OF STREET	CARE NO.
MW-2	01/02/07	3788.41	60.37	66.67	6.30	3727.10
	01/05/07	3788.41	60.34	66.82	6.48	3727.10
	01/08/07	3788.41	60.75	65.00	4.25	3727.02
	01/12/07	3788.41	60.69	65.26	4.57	3727.03
	01/16/07	3788.41	60.64	66.02	5.38	3726.96
	01/30/07	3788.41	59.60	66.49	6.89	3727.78
	02/07/07	3788.41	60.58	65.21	4.63	3727.14
	02/09/07	3788.41	60.86	61.10	0.24	3727.51
	02/22/07	3788.41	61.46	62.25	0.79	3726.83
	03/21/07	3788.41	60.72	66.18	5.46	3726.87
	04/04/07	3788.41	60.58	66.29	5.71	3726.97
	04/11/07	3788.41	60.79	65.83	5.04	3726.86
	04/13/07	3788.41	61.18	63.79	2.61	3726.84
	04/20/07	3788.41	60.72	65.71	4.99	3726.94
	04/27/07	3788.41	60.65	66.45	5.80	3726.89
	05/14/07	3788.41	59.75	66.65	6.90	3727.63
	05/18/07	3788.41	61.00	65.17	4.17	3726.78
	05/24/07	3788.41	60.86	65.71	4.85	3726.82
	06/06/07	3/88.41	61.83	66.03	4.20	3725.95
	06/08/07	3/88.41	61.23	64.19	2.96	3726.74
	06/13/07	3/88.41	61.99	65.03	5.04	3725.96
	06/18/07	3788.41	60.66	66.52	5.73	3726.89
	07/17/07	3788.41	60.68	66.00	6.21	3726.83
	07/24/07	3788.41	60.09	66.90	6.20	3726.79
	07/27/07	3788.41	60.73	66.87	6.14	3726.77
	08/07/07	3788 41	61.70	66.88	5.18	3725.93
	08/14/07	3788.41	60.73	66.96	6.23	3726.75
	08/24/07	3788.41	60.74	64.97	4 23	3727.04
	08/31/07	3788.41	61.69	62.17	0.48	3726.65
	09/06/07	3788.41	61.78	62.28	0.50	3726.56
	09/18/07	3788.41	61.83	62.44	0.61	3726.49
	09/25/07	3788.41	61.85	62.37	0.52	3726.48
	09/27/07	3788.41	61.89	62.34	0.45	3726.45
	10/02/07	3788.41	61.86	62.34	0.48	3726.48
	10/05/07	3788,41	61.83	62.31	0.48	3726.51
	10/09/07	3788,41	61.87	62.52	0.65	3726.44
	10/16/07	3788.41	61.89	62.54	0.65	3726.42
10007.00 1000 (A. A. Mandar -	11/21/07	3788.41	61.19	66.46	5.27	3726.43
					REAL PROPERTY AND INC.	
MW-3	03/21/07	3787.94		61.23	0.00	3726.71
	04/04/07	3787.94		61.25	0.00	3726.69
	04/11/07	3787.94		61.45	0.00	3726.49
<u> </u>	04/13/07	3787.94		61.33	0.00	3726.61
	06/08/07	3787.94		61.35	0.00	3726.59
	08/31/07	3787.94	-	61.43	0.00	3726.51
San Tarran A growthan.	11/21/07	3787.94	-	61.53	0.00	3726.41

2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW-4	03/21/07	3787.76	-	61.14	0.00	3726.62
	06/08/07	3787.76	-	61.25	0.00	3726.51
	06/21/07	3787.76	-	61.25	0.00	3726.51
	08/31/07	3787.76	-	61.37	0.00	3726.39
	11/21/07	3787.76	-	61.46	0.00	3726.30
MW-6	03/21/07	3788.31	-	60.81	0.00	3727.50
	06/08/07	3788.31		60.90	0.00	3727.41
	08/31/07	3788.31	-	61.00	0.00	3727.31
	11/21/07	3788.31	-	61.11	0.00	3727.20
					and the second second	
MW-7	03/21/07	3788.65		61.34	0.00	3727.31
	06/08/07	3788.65		61.51	0.00	3727.14
	08/31/07	3788.65	-	61.61	0.00	3727.04
	11/21/07	3788.65	-	61.71	0.00	3726.94
MW-8	03/21/07	3787.60	-	60.68	0.00	3726.92
	06/08/07	3787.60	-	60.78	0.00	3726.82
	08/31/07	3787.60	-	60.88	0.00	3726.72
	11/21/07	3787.60	-	60.98	0.00	3726.62
Mar. Sectors:						
MW-9	03/21/07	3787.27	-	60.04	0.00	3727.23
	06/08/07	3787.27	-	60.15	0.00	3727,12
	08/31/07	3787.27	-	60.24	0.00	3727.03
	11/21/07	3787.27	-	60.34	0.00	3726.93
	the application of the stands			Contract of the second second	nicissa di ella	
MW-10	03/21/07	3787.50	-	60.61	0.00	3726.89
	06/08/07	3787.50	-	60.79	0.00	3726.71
	08/31/07	3787.50	_	60.88	0.00	3726.62
	11/21/07	3787.50	-	60.99	0.00	3726.51
	1.5.	E. C. Starter	Maria Marine Manif			
MW - 11	12/04/07	-	-	62.14	0.00	
	shiis addar b		holimestica		Beerland and Andrews	nice and a second second
RW-1	01/02/07	3787.45	58.71	66.85	8.14	3727.52
	01/05/07	3787.45	58.77	66.62	7.85	3727.50
	01/08/07	3787.45	58.77	66.61	7.84	3727.50
	01/12/07	3787.45	58.77	66.66	7.89	3727.50
	01/16/07	3787.45	58.78	66.68	7.90	3727.49
	01/30/07	3787.45	58.75	66.88	8.13	3727.48
	02/07/07	3787.45	59.70	66.75	7.05	3726.69
	02/09/07	3787.45	58.78	66.92	8.14	3727.45
	02/12/07	3787.45	58.82	66.67	7.85	3727.45
	02/22/07	3787.45	58.75	66.93	8,18	3727.47
	03/21/07	3787.45	58.98	66.54	7.56	3727.34
	04/04/07	3787.45	58.89	66.87	7.98	3727.36
	04/11/07	3787.45	58.74	66.85	8.11	3727.49
	04/13/07	3787.45	59.17	66.45	7.28	3727.19
	04/20/07	3787.45	59.23	66.45	7.22	3727.14
	04/27/07	3787.45	59.66	63.98	4.32	3727.14
	05/14/07	3787.45	59.09	66.55	7.46	3727.24
	05/24/07	3787.45	59.89	67.41	7.52	3726.43
	06/06/07	3787.45	59.95	62.64	2.69	3727.10
	06/08/07	3787.45	60.41	60.69	0.28	3727.00

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2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-1	06/13/07	3787.45	59.89	62.70	2.81	3727.14
	06/18/07	3787.45	59.65	65.36	5.71	3726.94
	06/28/07	3787.45	60.25	60.86	0.61	3727.11
	07/17/07	3787.45	59.07	66.83	7.76	3727.22
	07/24/07	3787.45	60.03	62.59	2.56	3727.04
	07/27/07	3787.45	60.44	60.93	0.49	3726.94
	08/07/07	3787.45	59.14	66.77	7.63	3727.17
	08/14/07	3787.45	59.15	66.92	7.77	3727.13
	08/23/07	3787.45	60.50	61.01	0.51	3726.87
	08/28/07	3787.45	60.41	61.10	0.69	3726.94
	08/31/07	3787.45	59.89	63.04	3.15	3727.09
	09/06/07	3787.45	59.47	65.49	6.02	3727.08
	09/18/07	3787.45	59.22	66.99	7.77	3727.06
	09/25/07	3787.45	59.22	66.85	7.63	3727.09
	09/27/07	3787.45	60.56	61.28	0.72	3726.78
	10/02/07	3787.45	60.47	61.29	0.82	3726.86
	10/05/07	3787.45	60.50	61.31	0.81	3726.83
	10/09/07	3787.45	60.50	61.03	0.53	3726.87
	10/16/07	3787.45	60.48	61.32	0.84	3726.84
	10/30/07	3787.45	59.42	65.76	6.34	3727.08
	11/21/07	3787.45	59.27	66.83	7.56	3727.05
Shine Area (1996)			15.52Barra		1002	
RW-2	01/02/07	3787.83	58.95	67.15	8.20	3727.65
	01/05/07	3787.83	58.93	67.21	8.28	3727.66
	01/08/07	3787.83	59.29	65.66	6.37	3727.58
	01/12/07	3787.83	59.31	65.78	6.47	3727.55
	01/16/07	3787.83	59.20	66.78	7.58	3727.49
	01/30/07	3787.83	59.19	67.08	7.89	3727.46
	02/07/07	3787.83	59.06	66.92	7.86	3727.59
	02/09/07	3787.83	59.30	65.10	5.80	3727.66
	02/22/07	3787.83	59.15	67.17	8.02	3727.48
	03/21/07	3787.83	59.65	64.19	4.54	3727.50
	04/04/07	3787.83	59.27	67.30	8.03	3727.36
	04/11/07	3787.83	59.85	66.73	6.88	3726.95
	04/13/07	3787.83	59.64	64.70	5.06	3727.43
······································	04/20/07	3787.83	59.19	66.82	7.63	3727.50
	04/27/07	3787.83	59.21	67.31	8.10	3727.41
	05/14/07	3787.83	58.11	67.44	9.33	3728.32
	05/24/07	3787.83	59.16	-	-	-
	06/06/07	3787.83	59.13	67.38	8.25	3727.46
	06/08/07	3787.83	59.76	64.44	4.68	3727.37
	06/13/07	3787.83	59.10	59.23	0.13	3728.71
	06/18/07	3787.83	59.15	67.30	8.15	3727.46
	06/28/07	3787.83	59.17	67.24	8.07	3727.45
	07/02/07	3787.83	59.44	66.12	6.68	3727.39
	07/17/07	3787.83	59.16	67.29	8.13	3727.45
	07/24/07	3787.83	60.09	66.67	6.58	3726.75
	07/27/07	3787.83	60.80	60.82	0.02	3727.03
	08/07/07	3787.83	61.02	61.88	0.86	3726.68
	08/28/07	3787.83	60.98	61.79	0.81	3726.73
	08/31/07	3787.83	61.81	64.10	2.29	3725.68
	09/06/07	3787.83	61.84	64.02	2.18	3725.66
	09/18/07	3787.83	61.23	62.37	1.14	3726.43
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2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-2	09/25/07	3787.83	60.33	66.98	6.65	3726.50
	09/27/07	3787.83	60.31	66.94	6.63	3726.53
	10/02/07	3787.83	60.28	66.91	6.63	3726.56
	10/30/07	3787.83	59.64	66.05	6.41	3727.23
	11/21/07	3787.83	59.49	64.81	5.32	3727.54
100					ana an' amin'ny solatena amin'ny solatena amin'ny solatena amin'ny solatena amin'ny solatena amin'ny solatena Ny INSEE dia mampina amin'ny solatena amin'ny solatena amin'ny solatena amin'ny solatena amin'ny solatena amin'n	
RW-3	01/02/07	3787.81	58.71	66.85	8.14	3727.88
	01/05/07	3787.81	59.32	67.00	7.68	3727.34
	01/08/07	3787.81	59.56	65.84	6.28	3727.31
	01/12/07	3787.81	59.52	66.15	6.63	3727.30
	01/16/07	3787.81	59.52	66.10	6.58	3727.30
	01/30/07	3787.81	59.35	67.01	7.66	3727.31
	02/07/07	3787.81	59.75	66.80	7.05	3727.00
	02/09/07	3787.81	59.62	65.98	6.36	3727.24
	02/22/07	3787.81	59.40	67.50	8.10	3727.20
	03/21/07	3787.81	59.72	66.18	6.46	3727.12
	04/04/07	3787.81	59.59	67.04	7.45	3727.10
	04/11/07	3787.81	59.61	66.59	6.98	3727.15
	04/13/07	3787.81	59.82	65.53	5.71	3727.13
	04/20/07	3787.81	60.41	62.85	2.44	3727.03
	04/27/07	3787.81	59.31	66.81	7.50	3727.38
	05/14/07	3787.81	59.61	67.10	7.49	3727.08
	05/24/07	3787.81	59.50	66.91	7.41	3727.20
	06/06/07	3787.81	59.61	62.12	2.51	3727.82
	06/08/07	3787.81	59.89	65.44	5.55	3727.09
	06/13/07	3787.81	58.99	66.23	7.24	3727.73
	06/18/07	3787.81	59.62	67.12	7.50	3727.07
	06/28/07	3787.81	59.63	67.10	7.47	3727.06
	07/17/07	3787.81	59.59	67.04	7.45	3727.10
	07/24/07	3787.81	59.75	67.10	7.35	3726.96
	07/27/07	3787.81	59.70	67.11	7.41	3727.00
	08/07/07	3787.81	59.55	67.05	7.50	3727.14
	08/14/07	3787.81	59.71	67.18	7.47	3726.98
	08/23/07	3787.81	60.98	61.65	0.67	3726.73
	08/28/07	3787.81	61.24	62.07	0.83	3726.45
	08/31/07	3787.81	60.63	62.61	1.98	3726.88
	09/06/07	3787.81	61.09	61.20	0.11	3726.70
	09/18/07	3787.81	61.09	61.15	0.06	3726.71
L	09/25/07	3787.81	61.14	61.23	0.09	3726.66
	09/27/07	3787.81	61.12	61.14	0.02	3726.69
	10/02/07	3787.81	61.11	61.12	0.01	3726.70
	10/05/07	3787.81	61.11	61.13	0.02	3726.70
	10/09/07	3787.81	61.10	61.14	0.04	3726.70
L	10/16/07	3787.81	60.16	60.81	0.65	3727.55
L	10/30/07	3787.81	59.68	63.21	3.53	3727.60
	11/21/07	3787.81	59.86	67.12	7.26	3726.86
na an an tha China United					Martin Reality of the last	in the second
	01/02/07	3787.74	59.45	66.50	7.05	3727.23
	01/05/07	3787.74	59.78	65.08	5.30	3727.17
ļ	01/08/07	3787.74	59.79	64.89	5.10	3727.19
L	01/12/07	3787.74	59.80	65.08	5.28	3727.15
<u> </u>	01/16/07	3787.74	59.60	66.14	6.54	3727.16
L	01/30/07	3787.74	59.54	66.45	6.91	3727.16

2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-4	02/07/07	3787.74	60.62	65.11	4.49	3726.45
	02/09/07	3787.74	60.10	61.31	1.21	3727.46
	02/22/07	3787.74	59.55	66.60	7.05	3727.13
	03/21/07	3787.74	59.59	66.52	6.93	3727.11
	04/04/07	3787.74	59.61	65.61	6.00	3727.23
	04/11/07	3787.74	59.62	66.51	6.89	3727.09
	04/13/07	3787.74	60.05	64.50	4.45	3727.02
	04/20/07	3787.74	59.19	64.81	5.62	3727.71
	04/27/07	3787.74	59.61	64.59	4.98	3727.38
	05/14/07	3787.74	59.67	66.71	7.04	3727.01
	05/24/07	3787.74	59.65	66.67	7.02	3727.04
	06/06/07	3787.74	59.60	66.80	7.20	3727.06
	06/08/07	3787.74	60.03	64.76	4.73	3727.00
	06/13/07	3787.74	59.61	66.67	7.06	3727.07
	06/18/07	3787.74	59.65	66.73	7.08	3727.03
	06/28/07	3787.74	59.67	66.73	7.06	3727.01
	07/17/07	3787.74	59.68	66.73	7.05	3727.00
	07/24/07	3787.74	59.68	66.75	7.07	3727.00
	07/27/07	3787.74	59.75	66.77	7.02	3726.94
	08/07/07	3787.74	59.73	66.73	7.02	3726.96
	08/14/07	3787 74	59.76	66.81	7.05	3726.92
	08/24/07	3787 74	59.79	66.76	6.97	3726.92
	08/28/07	3787 74	59.91	66.14	6.23	3726.90
	08/31/07	3787.74	60.02	65.34	5.32	3726.90
	09/06/07	3787.74	60.11	65.40	5.32	3726.92
	09/08/07	3787.74	59.97	66.21	6.24	3726.83
	09/18/07	3787 74	60.84	61.88	1.04	3726.83
	09/27/07	3787.74	60.84	61.67	0.87	3726.81
	10/02/07	3787.74	60.80	61.71	0.07	3726.80
	10/16/07	3787.74	60.89	64.28	3 30	3726.34
	10/10/07	3787.74	60.69	63.04	2 36	3726.34
	11/20/07	3787.74	60.68	63.04	2.36	3726.71
	11/21/07	3787.74	59.86	61 39	1.53	3720.71
	TITZ ITOT		39.80	01.33		3727.03
RW-5	01/02/07	3787.38	59.44	64.81	5.37	3727.13
	01/05/07	3787.38	59.89	62.73	2.84	3727.06
	01/08/07	3787.38	59.95	62.48	2.53	3727.05
	01/12/07	3787.38	59.96	62.33	2.37	3727.06
	01/16/07	3787.38	59.77	63.49	3.72	3727.05
	01/30/07	3787.38	59.56	64.57	5.01	3727.07
	02/07/07	3787.38	60.42	60.76	0.34	3726.91
	02/09/07	3787.38	60.50	60.62	0,12	3726.86
	02/22/07	3787.38	59.53	65.55	6.02	3726.95
	03/21/07	3787.38	59.58	64.73	5.15	3727.03
	04/04/07	3787.38	59.39	65.52	6.13	3727.07
	04/11/07	3787.38	59.75	63.39	3,64	3727.08
	04/13/07	3787.38	60.19	62.19	2.00	3726.89
	04/20/07	3787 38	60.41	62.41	2.00	3726.67
	04/27/07	3787 38	60.22	62.56	2 34	3726.81
	05/14/07	3787 38	59.66	64.97	5 26	3726.03
	05/24/07	3787 38	60.17	62.82	2.65	3726.93
	06/06/07	3787 38	60.04	63.16	3.12	3726.87
<u> </u>	06/08/07	3787 38	60.38	61.86	1 / 8	3726.07
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2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-5	06/13/07	3787.38	60.10	62.99	2.89	3726.85
	06/18/07	3787.38	59.90	65.23	5.33	3726.68
	06/28/07	3787.38	59.53	65.40	5.87	3726.97
	07/17/07	3787.38	59.55	65.88	6.33	3726.88
	07/24/07	3787.38	60.75	60.80	0.05	3726.62
	07/27/07	3787.38	60.69	60.71	0.02	3726.69
	08/07/07	3787.38	59.90	64.61	4.71	3726.77
	08/14/07	3787.38	60.75	60.76	0.01	3726.63
	08/23/07	3787.38	60.67	61.36	0.69	3726.61
	08/28/07	3787.38	60.76	61.06	0.30	3726.58
	<u>08/31/07</u>	3787.38	60.52	61.74	1.22	3726.68
	09/06/07	3787.38	60.74	61.39	0.65	3726.54
	09/18/07	3787.38	60.91	60.92	0.01	3726.47
	09/25/07	3787.38	sheen	60.93	0.00	3726.45
	09/27/07	3787.38	60.86	60.87	0.01	3726.52
	10/02/07	3787.38	60.85	60.87	0.02	3726.53
	10/05/07	3787.38	60.86	60.87	0.01	3726.52
[10/09/07	3787.38	sheen	60.93	0.00	3726.45
	10/16/07	3787.38	60.39	62.82	2.43	3726.63
	10/23/07	3787.38	60.24	63.57	3.33	3726.64
	10/30/07	3787.38	60.14	63.57	3.43	3726.73
	11/14/07	3787.38	60.21	63.77	3.56	3726.64
	11/21/07	3787.38	60.30	63.30	3.00	3726.63
	11/29/07	3787.38	59.58	64.67	5.09	3727.04
Carporter	12/13/07	3787.38	60.25	63.65	3.40	3726.62
	01/02/07	3797.33	59.43	((()	8.04	2727.20
RW-0	01/02/07	3787.22	58.03	66.70	8.04	3727.38
	01/05/07	3/8/.22	59.64	66.50	8.06	3727.37
	01/12/07	3787.22	50.03	66.58	7.94	3727.30
	01/12/07	3787.22	58.00	66.63	7.92	3727.37
	01/10/07	3707.22	59.66	66 71	9.05	2727.35
·····	01/30/07	3787.22	58.00	66 34	7.54	3727.33
	02/07/07	3787.22	50.50	63 70	1.54	3727.00
<u> </u>	02/03/07	3787.22	58.60	66 74	8.05	3727.09
	03/21/07	3787.22	58.76	66.57	7.81	3727.29
	04/04/07	3787.22	58.80	66 64	7.84	3727.24
	04/11/07	3787.22	58.83	66.78	7.95	3727 20
	04/13/07	3787.22	58.90	66.49	7.59	3727.18
	04/20/07	3787.22	58.91	66.34	7.43	3727.20
	04/27/07	3787.22	59.12	65.76	6.64	3727.10
	05/14/07	3787.22	58.93	66.70	7.77	3727.12
1	05/24/07	3787.22	59.37	64.19	4.82	3727.13
	06/06/07	3787.22	59.34	64.64	5.30	3727.09
	06/08/07	3787.22	59.39	64.35	4.96	3727.09
	06/13/07	3787.22	59.20	63.31	4.11	3727.40
	06/18/07	3787.22	59.12	64.01	4.89	3727.37
	06/28/07	3787.22	59.25	64.95	5.70	3727.12
	07/17/07	3787.22	58.92	66.68	7.76	3727.14
	07/24/07	3787.22	59.26	65.72	6.46	3726.99
	07/27/07	3787.22	60.04	61.93	1.89	3726.90
	08/07/07	3787.22	59.67	64.03	4.36	3726.90
	08/14/07	3787.22	60.09	62.41	2.32	3726.78

2007 GROUNDWATER ELEVATION DATA

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

WELL NUMBER	DATE MEASURED	TOP OF CASING ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
RW-6	08/23/07	3787.22	59.98	62.95	2.97	3726.79
	08/28/07	3787.22	60.73	63.13	2.40	3726.13
	08/31/07	3787.22	59.70	63.84	4.14	3726.90
	09/06/07	3787.22	60.30	61.63	1.33	3726.72
	09/18/07	3787.22	60.89	61.73	0.84	3726.20
	09/25/07	3787.22	59.17	66.55	7.38	3726.94
	09/27/07	3787.22	59.20	66.40	7.20	3726.94
	10/02/07	3787.22	59.11	67.17	8.06	3726.90
	10/05/07	3787.22	59.15	67.17	8.02	3726.87
	10/09/07	3787.22	59.20	66.69	7.49	3726.90
	10/16/07	3787.22	59.12	66.96	7.84	3726.92
	10/23/07	3787.22	59.11	66.98	7.87	3726.93
	10/30/07	3787.22	59.16	67.04	7.88	3726.88
	11/14/07	3787.22	59.11	66.98	7.87	3726.93
	11/21/07	3787.22	59.12	67.02	7.90	3726.92
	11/29/07	3787.22	59.08	67.02	7.94	3726.95
	12/13/07	3787.22	59.19	67.15	7.96	3726.84
n	inalia:					STRUMPS -
RW-7	01/02/07	3787.40	58.89	66.41	7.52	3727.38
	01/05/07	3787.40	59.24	64.87	5.63	3727.32
	01/08/07	3787.40	59.24	64.80	5.56	3727.33
	01/12/07	3787.40	59.31	64.94	5.63	3727.25
	01/16/07	3787.40	59.09	65.91	6.82	3727.29
	01/30/07	3787.40	59.07	66.21	7.14	3727.26
	02/07/07	3787.40	59.25	65.30	6.05	3727.24
	02/09/07	3787.40	59.70	60.90	1.20	3727.52
	02/22/07	3787.40	59.13	66.10	6.97	3727.22
	03/21/07	3787.40	59.08	66.41	7.33	3727.22
	04/04/07	3787.40	58.99	66.38	7.39	3727.30
	04/11/07	3787.40	59.10	66.09	6.99	3727.25
	04/13/07	3787.40	59.59	63.88	4.29	3727.17
	04/20/07	3787.40	59.19	66.02	6.83	3727.19
	04/27/07	3787.40	59.10	66.55	7.45	3727.18
	05/14/07	3787.40	59.10	66.77	7.67	3727.15
	05/24/07	3787.40	59.15	66.50	7.35	3727.15
	06/06/07	3787.40	59.11	66.75	7.64	3727.14
	06/08/07	3787.40	59.70	64.06	4.36	3727.05
	06/13/07	3787.40	59.15	66.70	7.55	3727.12
	06/18/07	3787.40	59.18	65.17	5.99	3727.32
	06/28/07	3787.40	59.16	66.75	7.59	3727.10
	07/17/07	3787.40	59.10	66.65	7.55	3727.17
	07/24/07	3787.40	59.26	66.30	7.04	3727.08
	07/27/07	3787.40	59.07	66.80	7.73	3727.17
	08/28/07	3787.40			Well Obstruct	ed
	08/31/07	3787.40			Well Obstruct	ed
	09/06/07	3787.40			Well Obstruct	ed
	10/16/07	3787.40	59.12		Well Obstruct	ed
	10/30/07	3787.40	59.39	60.15	0.76	3727.90
	11/14/07	3787.40	59.49	60.2	0.71	3727.80
	11/21/07	3787.40	59.21	-	-	-
	11/29/07	3787.40	59.45	60.35	0.90	3727.82
	12/13/07	3787.40	59.44	60.23	0.79	3727.84
				1	n - Statistics - Constant Statistics	

2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

Results are reported in mg/L.

SAMPLE	SAMPLE		SW 846-80)21B, 5030,8260	b BTEX	
LOCATION	DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0- Xylené
NMOCD Re	gulatory Limit	0.01	0.75	0.75	0.	62
MW-1	03/21/07	Not Sampled or	n Current Sam	ole Schedule		
	06/08/07	Not Sampled or	n Current Samp	ole Schedule		
	08/31/07	Not Sampled or	n Current Samp	ole Schedule		
	11/21/07	<0.001	< 0.001	< 0.001	0.0	002
	Maria Maria Maria					NSL COLOR
<u>M</u> W-2	03/21/07	Not Sampled D	ue to PSH in W	Vell		
	06/08/07	Not Sampled D	ue to PSH in V	Vell		
	08/31/07	Not Sampled D	ue to PSH in V	Vell		
	11/21/07	Not Sampled D	ue to PSH in V	Vell		
		The second second				Sector 2
MW-3	03/21/07	0.319	< 0.0200	< 0.0200	0.0	921
	06/08/07	0.594	<0.02	<0.02	0.1	192
	08/31/07	0.691	< 0.001	< 0.001	0.1	194
	11/21/07	0.885	<0.005	0.0071	0.2	249
		Section of the sectio				Section Law
MW-4	03/21/07	Not Sampled or	n Current Samp	ole Schedule		
	06/21/07	< 0.001	<0.001	< 0.001	<0.	.001
	08/31/07	Not Sampled or	n Current Sam	ole Schedule		
	11/21/07	<0.001	<0.001	<0.001	<0.	.001
		Caper: Addition			Indian data and the second sec	
MW-6	03/21/07	Not Sampled or	n Current Samp	ole Schedule		
	06/21/07	Not Sampled or	n Current Samp	ole Schedule		
	08/31/07	Not Sampled or	n Current Sam	ole Schedule	Γ	
	11/21/07	< 0.001	< 0.001	< 0.001	<0.	.001
			SIR provide a series of the			
MW-7	03/21/07	Not Sampled or	n Current Sam	ple Schedule		
	06/21/07	Not Sampled or	n Current Samp	ple Schedule		
	08/31/07	Not Sampled or	n Current Sam	ole Schedule		
	11/21/07	< 0.001	<0.001	< 0.001	<0.	.001
MW-8	03/21/07	Not Sampled or	n Current Samp	ple Schedule		
	06/21/07	Not Sampled or	n Current Samp	ple Schedule		
	08/31/07	Not Sampled or	n Current Samp	ple Schedule		
	11/21/07	<0.001	< 0.001	< 0.001	<0	.001
		Contraction and Contraction of Contr				
MW-9	03/21/07	Not Sampled or	n Current Samj	ple Schedule		
	06/21/07	Not Sampled or	n Current Sam	ble Schedule		
	08/31/07	Not Sampled or	n Current Sam	le Schedule	ļ	
	11/21/07	< 0.001	< 0.001	< 0.001	<0	.001
		and dependent speeds				
MW-10	03/21/07	Not Sampled of	n Current Samp	ble Schedule	L	
	06/21/07	Not Sampled or	n Current Samp	<u>le Schedule</u>		
	08/31/07	Not Sampled or	n Current Samp	le Schedule		
	11/21/07	<0.001	< 0.001	< 0.001	0.0	015
						Arrent maart / Artouw /
<u>MW-11</u>	12/04/07	< 0.001	< 0.001	< 0.001	<0.	.001
		A Contraction of the second se	19		Streetwood, and and	
	03/21/07	Not Sampled D	ue to PSH in V	√ell	ļ	
	06/21/07	Not Sampled D	ue to PSH in V	√ell		
L	08/31/07	Not Sampled D	ue to PSH in W	√ell		
	11/21/07	Not Sampled D	ue to PSH in W	Vell		• · · · · · · · · · · · · · · · · · · ·
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2007 CONCENTRATIONS OF BTEX IN GROUNDWATER

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD REFERENCE NUMBER AP-007

Results are reported in mg/L.

SAMPLE	SAMPLE	SW 846-8021B, 5030,8260b BTEX						
LOCATION	DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0- Xylene		
NMOCD Rep	gulatory Limit	0.01	0.75	0.75	0.	62		
RW-2	03/21/07	Not Sampled D	ue to PSH in V	Veil				
	06/21/07	Not Sampled D	ue to PSH in V	Vell				
	08/31/07	Not Sampled D	ue to PSH in V	Vell				
	11/21/07	Not Sampled D	ue to PSH in V	Vell				
RW-3	03/21/07	Not Sampled D	ue to PSH in V	Vell				
	06/21/07	Not Sampled D	ue to PSH in V	Vell				
	08/31/07	Not Sampled D	ue to PSH in V	Vell				
	11/21/07	Not Sampled D	ue to PSH in V	Vell		_		
RW-4	03/21/07	Not Sampled D	ue to PSH in V	Vell				
	06/21/07	Not Sampled D	ue to PSH in V	Vell				
	08/31/07	Not Sampled D	ue to PSH in V	Vell				
	11/21/07	Not Sampled D	ue to PSH in V	Vell				
		antan gong articles y	A CONTRACTORY OF A	wind a start of the start of th				
RW-5	03/21/07	Not Sampled D	ue to PSH in V	Vell				
	06/21/07	Not Sampled D	ue to PSH in V	Vell				
	08/31/07	Not Sampled D	ue to PSH in V	Vell				
	11/21/07	Not Sampled D	ue to PSH in V	Vell				
					FIGURE CONTRACTOR			
RW-6	03/21/07	Not Sampled D	ue to PSH in V	Vell				
	06/21/07	Not Sampled D	ue to PSH in V	Vell		-		
	08/31/07	Not Sampled D	ue to PSH in V	Vell				
	11/21/07	Not Sampled D	ue to PSH in V	Vell				
				Constant Party				
RW-7	03/21/07	Not Sampled D	ue to PSH in V	Vell				
	06/21/07	Not Sampled D	ue to PSH in V	Vell				
	08/31/07	Not Sampled D	ue to PSH in V	Vell and Well	Obstruction			
	11/21/07	Not Sampled D	ue to PSH in V	Vell and Well	Obstruction			
		Real Contraction	EUR AND	and Second Hill				

2007 CONCENTRATIONS OF BTEX AND TPH IN SOIL

PLAINS MARKETING, L.P. DARR ANGELL 2 LEA COUNTY, NEW MEXICO NMOCD Reference # AP-007

All concentrations are reported in mg/kg

CAMPLE	SAMPLE DATE	EPA SW 8746-8021B, 5030					EPA SW 846-8015M			
LOCATION		BENZENE	TOLUENE	ETHYL- BENZENE	m,p- XYLENE	0- XYLENE	TOTAL BTEX	GRO (C ₆ -C ₁₀)	DRO (>C ₁₀ -C ₂₅)	TOTAL TPH
NMOCD REG	GULATORY 11T	10					50			100
MW-11 @ 20'	11/29/2007	< 0.01	<0.01	<0.01	<0	.01	< 0.01	2.48	<50.0	<50.0
MW-11 @ 30'	11/29/2007	-	-	-	-	-	-	1.67	<50.0	<50.0
MW-11@40	11/29/2007	-	-	-	-	-	-	1.48	<50.0	<50.0
MW-11 @ 50'	11/29/2007	-	-	-	-	-	-	1.24	<50.0	<50.0
										CONTRACTOR OF A CONTRACT

Appendices

Appendix A Monitor Well Logs

Scale: use scale CAU BY: LV3C Checked BY: CUS safety and environmental March 19, 2008	ngell #2 Lea County, NM	Darr A	iline, L.P.	Plains Pipe
	g Well - 11	lonitorin	4	
NOVA Safety and Environmental	nd Monitoring Well	ng Log A	Bori	
NMOCD Ref# AP-007				
5. The depths indicated are referenced from the ground surface.			0.2	10
 The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual. 		None	0.3	
3. The well is protected with a locked stick up steel cover and a compression cap.				
 The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe. 	45' - 65' Sand, tan, very fine grained.	None	0.3	
 The monitoring well was installed on date using air rotary drilling techniques. 		None	0.1	
Completion Notes		2	2	大学の
PID Head-space reading in ppm obtained with a photo-ionization detector.		oucly of the second sec	c	
Indicates the ground water level measured on date.	34' - 45' Sand, tan, very fine grained, soft with some limestone nodules.	None	(-)	
 Indicates samples selected for laboratory analysis. 		None	L.O	
Screen	30' - 34' Limestone, grey, hard, dry.			
]		None	0.2	Ş.
Sand Pack	25' - 30' Sand, tan, fine grained with caliche fragments.			æ
2	zi - zo Limestone, grey, naro, ury.	None	0.1	
Bentonite Pellet Seal		2001	0.2)	
Grout Surface Seal			(
Depth to Ground Water 55 ft	o - zi oand, tan, rine grained, moist.	None	0.2	
Depth of PVC Well 65 ft Dowth of Evolvention (Mail 65 ft		None	0.3	
Thickness of Bentonite Seal 38 ft Length of PVC Well Screen 20 ft		2	2	
Monitoring Well Details	0' - 5' Sand and clay, tan with some caliche tragments.			
	Soll Description	Notes	Reading	Columns
	Soil Description	Notes	PID Reading	Soil
	Monitoring Well MW - 11			

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

		2040 South Pa Santa Fe, New ((505) 82	diene Steert Aerico 87505 7-7131	~	Price Up Suback I contain the Appropriate Destrict Office is according of weak first 1.16 on
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