

**1R - 380**

**REPORT**

**DATE:**

**2006**



\* /R 380  
Report  
2006

March 28, 2007

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

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

Dear Mr. Stone:

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:

CS Caylor  
Lovington Deep 6"  
Hobbs Junction Mainline  
Kimbrough Sweet 8"  
8" Moore to Jal #1  
8" Moore to Jal #2

Section 6, Township 17 South, Range 37 East, Lea County  
Section 6, Township 17 South, Range 36 East, Lea County  
Section 26, Township 18 South, Range 37 East, Lea County  
Section 3, Township 18 South, Range 37 East, Lea County  
Section 16, Township 17 South, Range 37 East, Lea County  
Section 16, Township 17 South, Range 37 East, Lea County

Talon LPE prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Talon in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

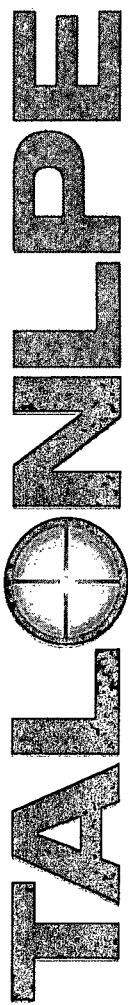
If you have any questions or require further information, please contact me at (505) 441-0965.

Sincerely,

Camille Reynolds  
Remediation Coordinator  
Plains All American

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosures



**8" MOORE TO JAL #1  
NMOCD # 1R-0380  
2006 ANNUAL GROUNDWATER MONITORING  
REPORT  
LEA COUNTY, NEW MEXICO  
PLAINS SRS #2002-10270**

SE1/4 of the NW 1/4 of Section 16, Township 17 South, Range 37 East

*Prepared for:*

**PLAINS MARKETING, L.P.**  
333 Clay Street  
Suite 1600  
Houston, Texas 77002

AMARILLO  
921 North Blvins  
Amarillo, Texas 79107  
Phone 806-467-0607  
Fax 806-467-0622

AUSTIN  
3003 Tom Gary Cove  
Building C-100  
Round Rock, Texas 78664  
Phone 512-989-3428  
Fax 512-989-3487

MIDLAND  
#8 East Industrial Loop  
Midland, Texas 79701  
Phone 432-522-2133  
Fax 432-522-2180

NEW BRAUNFELS  
707 N. Walnut Ave.  
Suite 208  
New Braunfels, Texas 78130  
Phone 210-679-0235  
Fax 210-668-2191

TULSA  
1439 East 41st Street  
Tulsa, OK 74106  
Phone 918-742-0871  
Fax 918-742-0876

*Prepared by:*

**Talon/LPE**  
Marc Stroope  
318 E. Taylor Street  
Hobbs, New Mexico 88240

March 22, 2007

**8" Moore to Jal #1  
2006 Annual Groundwater Monitoring Report**

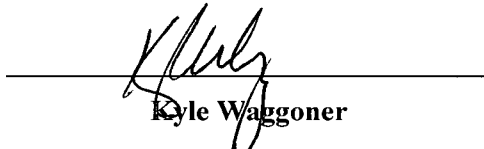
**Plains Marketing, L.P.  
Houston, Texas**

**Talon/LPE PROJECT NO. PLAINS007SPL**

**Prepared by:**

A handwritten signature in black ink, appearing to read 'M. Stroope', is written over a horizontal line.

**Marc Stroope  
Senior Project Manager**

A handwritten signature in black ink, appearing to read 'K. Waggoner', is written over a horizontal line.

**Kyle Waggoner  
Senior Project Manager**

**Talon/LPE  
318 E. Taylor Street  
Hobbs, New Mexico 88240**

**March 22, 2007**

### Distribution List

| Name                | Title                           | Company or Agency            | Mailing Address                                    | e-mail                      |
|---------------------|---------------------------------|------------------------------|----------------------------------------------------|-----------------------------|
| Ben Stone           | Environmental Engineer          | NMOCD                        | 1220 South St. Francis Drive<br>Santa Fe, NM 87505 | bstone@state.nm.us          |
| Larry Johnson       | Environmental Engineer          | NMOCD                        | 1625 French Dr.<br>Hobbs, NM 88231                 | lwjohnson@state.nm.us       |
| Thaddeus Kostrubala | Environmental Engineer          | NMSLO – Santa Fe             | P.O. Box 1148<br>Santa Fe, NM 87504                | tkostrubala@slo.state.nm.us |
| Camille Reynolds    | Remediation Coordinator         | Plains All American Pipeline | 3112 West U.S. Hwy 82<br>Lovington, NM 88260       | cjreynolds@paalp.com        |
| Jeff Dann           | Senior Environmental Specialist | Plains All American Pipeline | P. O. Box 4648<br>Houston, TX 77210-4648           | jpdann@paalp.com            |
| File                |                                 | Talon/LPE                    | 318 East Taylor Street<br>Hobbs, New Mexico 88240  | mstroope@talonlpe.com       |

NMOCD – New Mexico Oil Conservation Division

NMSLO – New Mexico State Land Office

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# **ANNUAL GROUNDWATER MONITORING REPORT**

## ***Introduction***

The 8" Moore to Jal #1 release site is located approximately 9.2 miles southeast of Lovington, in Lea County, New Mexico. The site is located within the West Lovington Oil Field on land owned by the State of New Mexico. No residences or surface water bodies are located within a 1,000-foot radius of the facility.

In October 2002, a release of approximately 200 barrels (bbls) occurred from a Plains Pipeline, L.P. (Plains) pipeline at this location. Approximately 8,000 square feet (ft<sup>2</sup>) of surface area was impacted by the release. Soil excavation and over-excavation activities were initiated in October 2002 and were summarized in the Soil Over Excavation Report and Backfill Workplan dated May 23, 2006.

In addition to the soil evaluation at the site, a total of five monitor wells have been installed in the vicinity of the release (see Figure 1). The first monitor well (MW-1), installed July 2004, was completed with a screened interval below the potentiometric surface. The second monitor well (MW-1A) was installed during September 2004, and immediately exhibited phase-separated hydrocarbons (PSH). The remaining three monitor wells (MW-2, MW-3, and MW-4) were installed in October of 2004. These three monitor wells also exhibited PSH.

PSH recovery operations have been performed at the site since 2004. Approximately 3,400 gallons (81 bbls) of PSH have been recovered to date.

## ***Groundwater Monitoring Well Installation***

Additional monitor wells are proposed to be installed in early 2007. In the Monitor Well Installation Workplan Moore to Jal #1, dated January 26, 2007, Talon/LPE proposed to install ten (10) additional groundwater monitor wells at the site to further evaluate the free-phase hydrocarbon plume (see Figure 4). Additionally, Talon/LPE proposed to install six (6) monitor wells to further evaluate the dissolve-phase plume.

## ***Groundwater Gradient***

The five existing monitor wells were gauged regularly to determine the depth to groundwater and PSH thickness. Based on the existing data, the groundwater gradient appears to be primarily toward the south as indicated in Figures 2a – 2d. Due to the screened interval in monitor well MW-1, the data from this well was not utilized when preparing the gradient maps.

## ***PSH Recovery***

Recovery of the PSH present on the groundwater in the vicinity of the monitor well network was accomplished utilizing Monsoon Submersible Pumps manufactured by Proactive

Environmental Products. PSH levels in the monitor wells have remained relatively steady with thicknesses ranging from seven to nine feet as illustrated in Figures 3a – 3d. Since the screened interval in monitor well MW-1 does not intersect the potentiometric surface or the top of PSH elevation, data from monitor well MW-1 was not utilized to prepare the PSH concentration maps. During the first quarter of 2006, approximately 762 gallons (18 bbls) of PSH were recovered. The total amount of PSH recovered during the second quarter was approximately 717 gallons (17 bbls). During the third quarter approximately 517 gallons (12 bbls) of PSH were recovered. During the final quarter of 2006, approximately 283 gallons (7 bbls) of PSH were recovered, bringing the annual total for 2006 to approximately 2,279 gallons (54 bbls) (see Tables 1 and 2). Recovered product was reintroduced into the Plains Recovery System.

### ***Groundwater Sampling***

Due to the presence of PSH at each of the groundwater monitor well locations, no samples were collected for laboratory analysis during 2006.

### ***Recommendations***

Based on field monitoring and analytical results collected during 2006, the following changes are recommended for the site:

- 1) Continue to monitor the system on a bi-weekly basis to record groundwater and PSH levels and recover PSH from the existing groundwater monitoring network.
- 2) Install, develop, gauge and sample ten (10) additional groundwater monitor wells to further evaluate the free-phase hydrocarbon plume (see Figure 4).
- 3) Install, develop, gauge and sample six (6) additional groundwater monitor wells monitoring wells to evaluate the dissolve-phase hydrocarbon plume (see Figure 4).
- 4) Subsequent to the proposed monitor well installations, Talon/LPE will re-evaluate the subsurface conditions and provide Plains with a proposal for continued site remediation.

## **APPENDIX A - Drawings**

Figure 1 – Site Location Map

Figure 2 – Groundwater Gradient Maps

2a – Groundwater Gradient Map (03/30/2006)

2b – Groundwater Gradient Map (07/07/2006)

2c – Groundwater Gradient Map (09/29/2006)

2d – Groundwater Gradient Map (12/27/2006)

Figure 3 – PSH Plume Maps

3a – PSH Plume Map (03/30/2006)

3b – PSH Plume Map (07/07/2006)

3c – PSH Plume Map (09/29/2006)

3d – PSH Plume Map (12/27/2006)

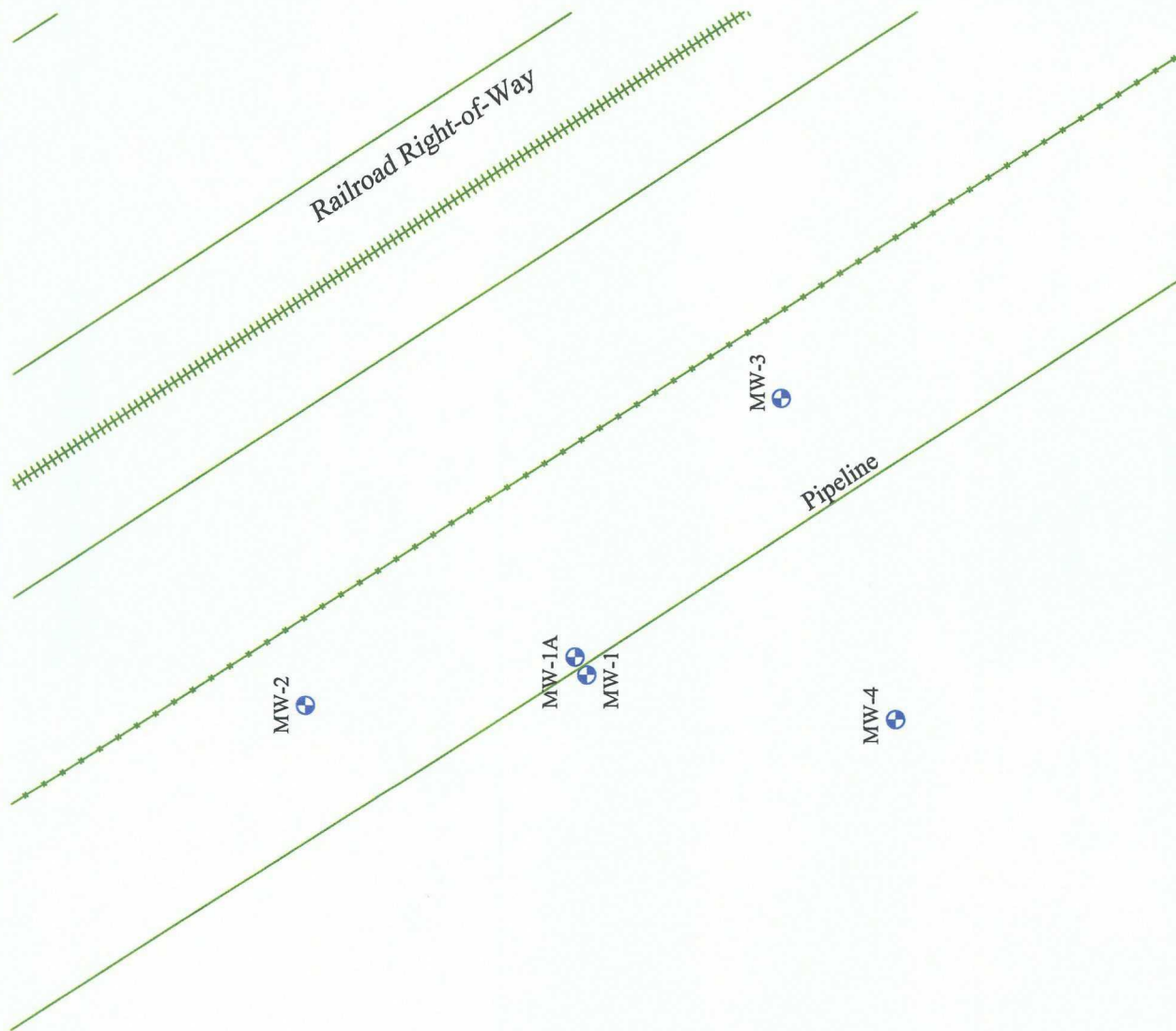
Figure 4 - Site Plan with Proposed Monitor Wells



0 30 60  
Scale in Feet

**Legend**

- Monitor Well
- Pipeline
- Fence line
- Railroad Tracks
- Contour Line
- 81.30 - Contour Elevation



Date: 02/21/2007

Scale: 1" = 60'

Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 1 - Site Plan



0 30 60  
Scale in Feet

- Legend**
- Monitor Well
  - Pipeline
  - Fence line
  - Railroad Tracks
  - Contour Line
  - Product Thickness 8.39

Railroad Right-of-Way

Pipeline

MW-2  
3706.97

3706.8

MW-1A  
3706.79

MW-1

3706.7

MW-3  
3706.57

3706.3

MW-4  
3706.60

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 2a, Groundwater Gradient Map, (03/30/2006)

Date: 02/21/2007

Scale: 1" = 60'

Drawn By: WDR

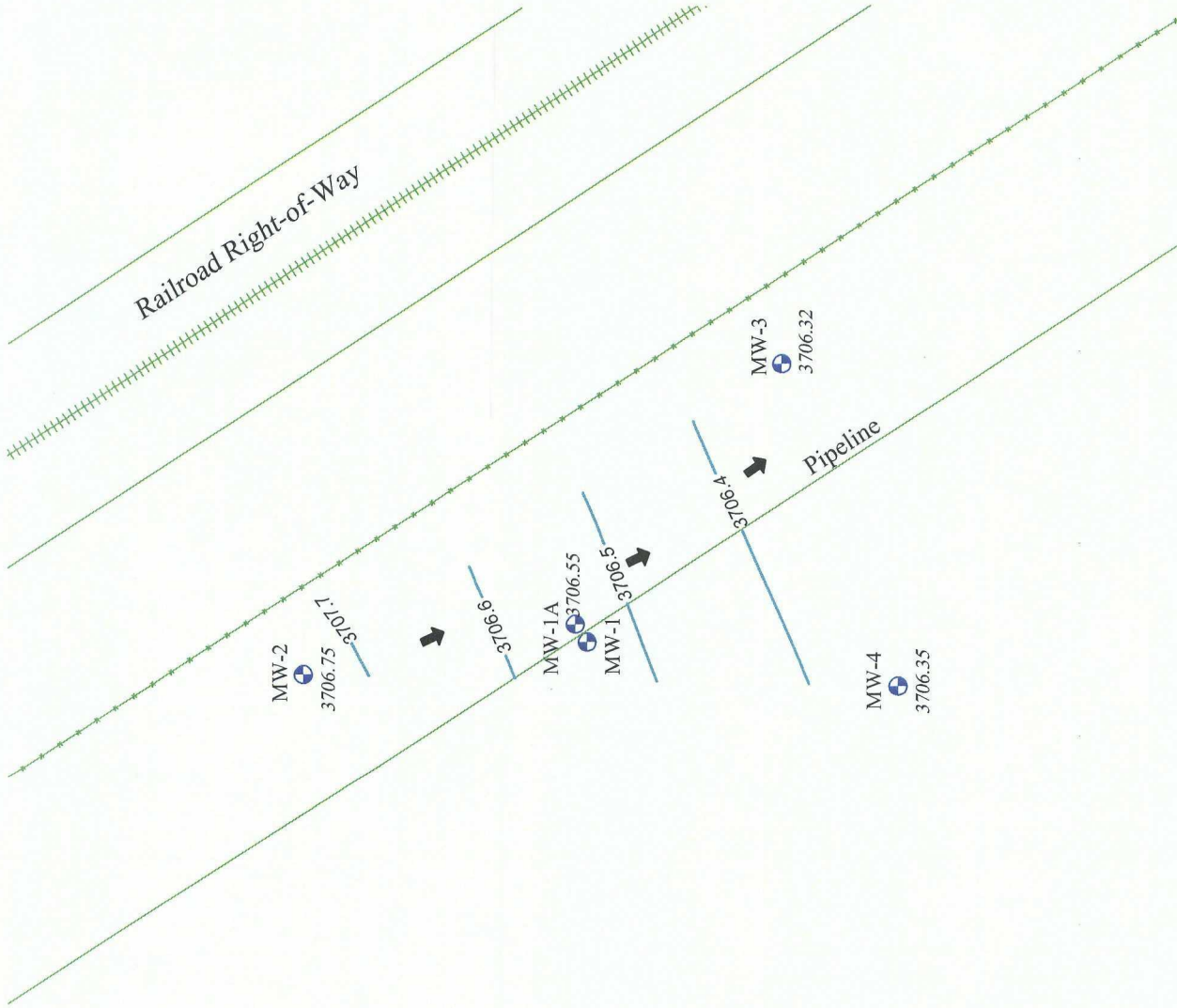




0 30 60  
Scale in Feet

Legend

- Monitor Well
- Pipeline
- Fence line
- Railroad Tracks
- Contour Line
- 8.39 - Product Thickness



Date: 02/21/2007

Scale: 1" = 60'

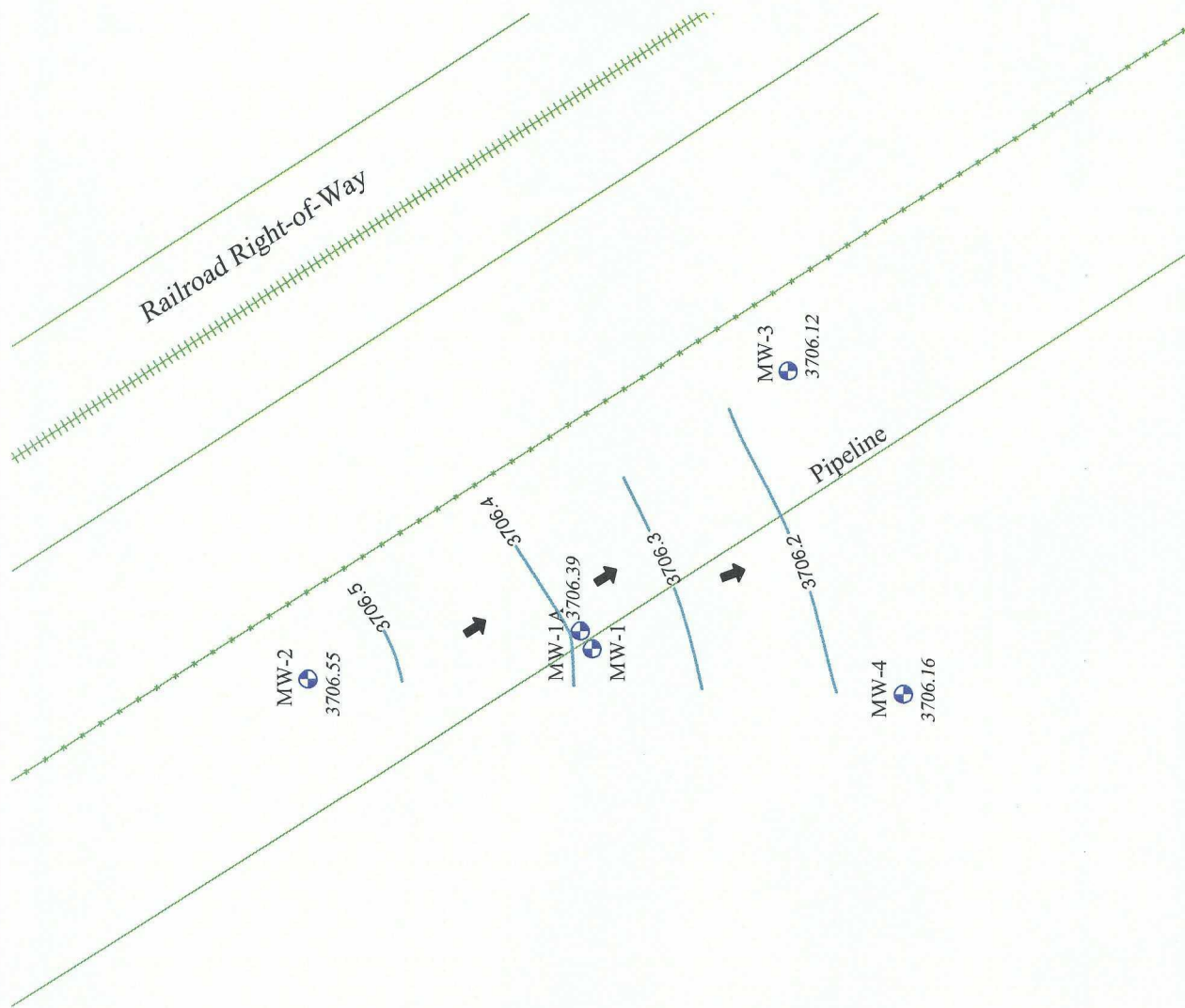
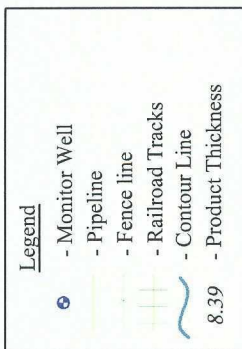
Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico

Figure 2b, Groundwater Gradient Map, (07/07/2006)



0 30 60  
Scale in Feet



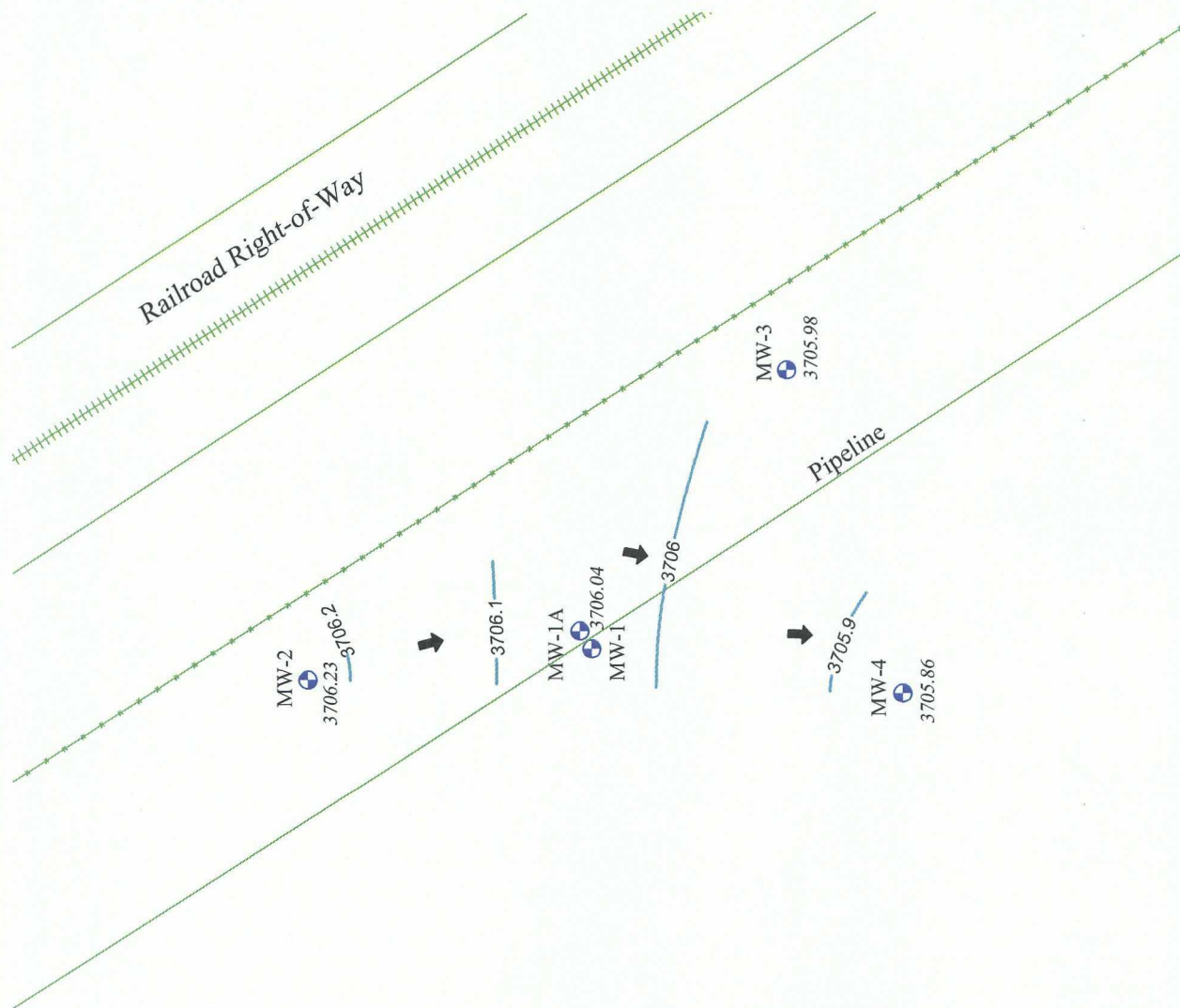
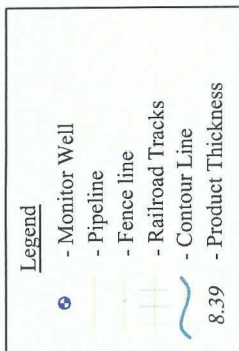
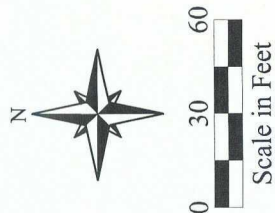
Date: 02/21/2007

Scale: 1" = 60'

Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico

Figure 2c, Groundwater Gradient Map, (09/29/2006)

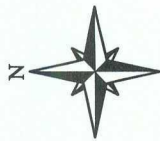


Date: 02/21/2007

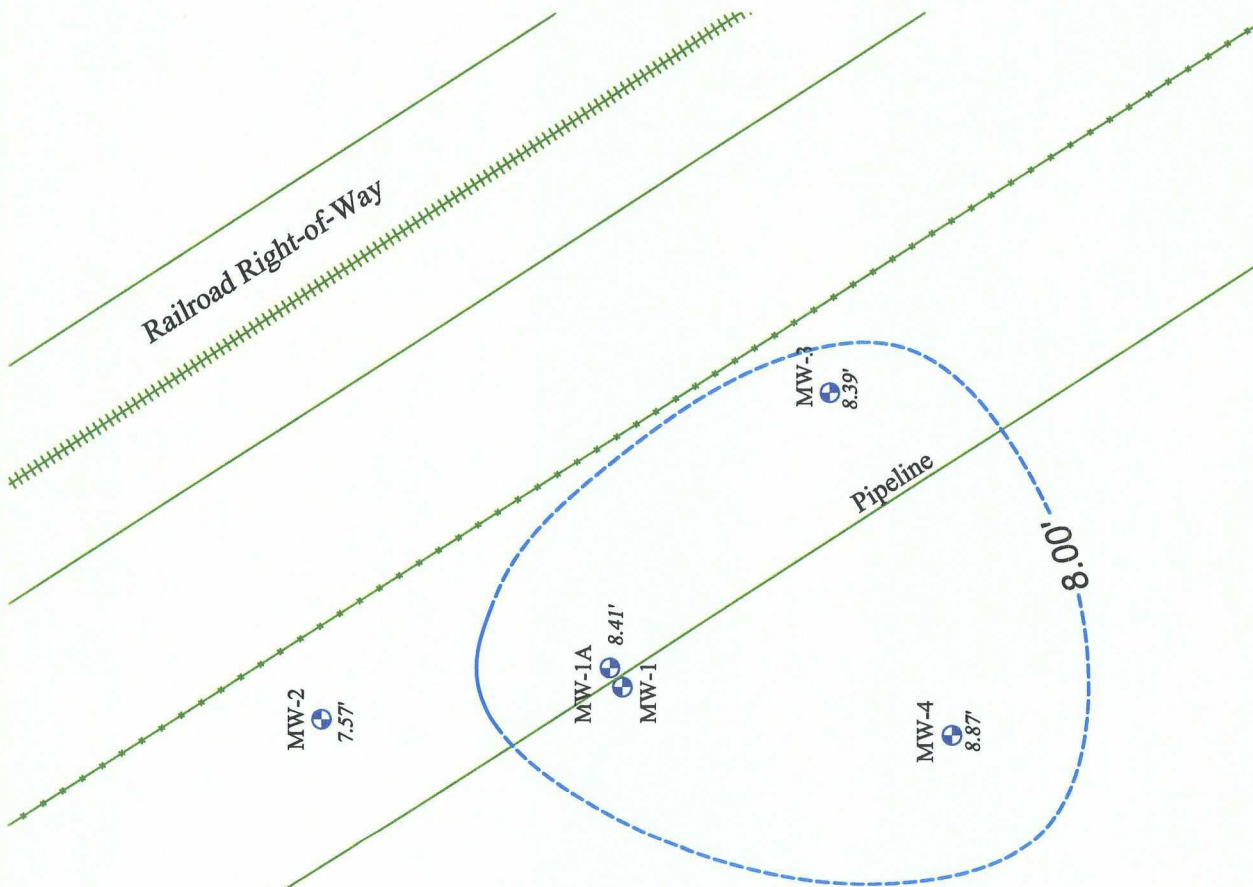
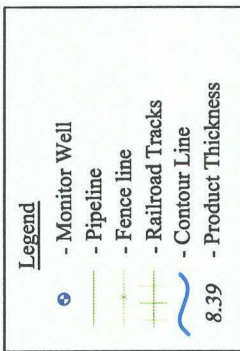
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Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 2d, Groundwater Gradient Map, (12/27/2006)



0 30 60  
Scale in Feet



8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 3a, PSH Plume Map, (03/30/2006)

Date: 02/21/2007

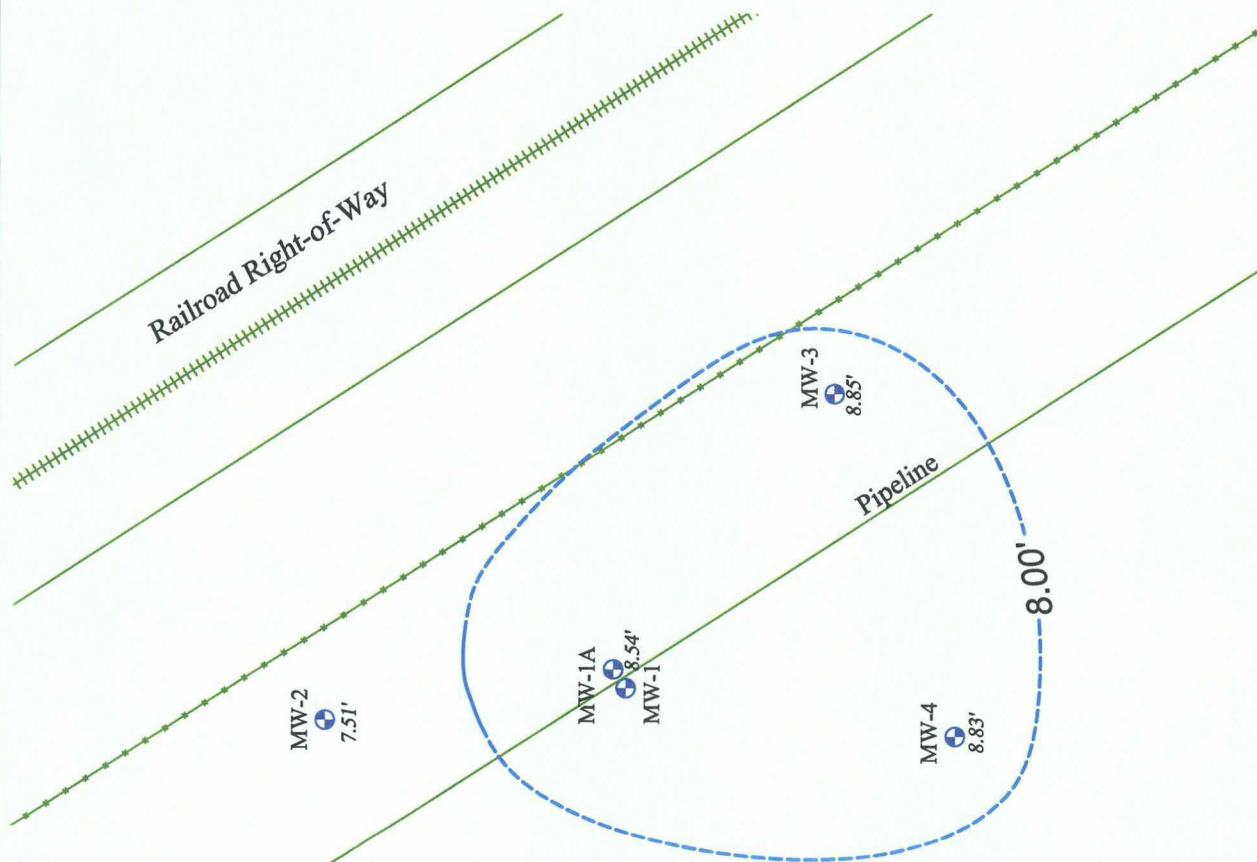
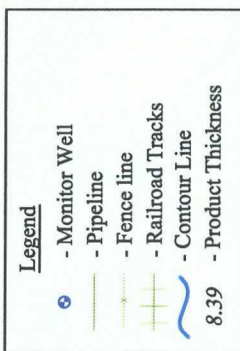
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Drawn By: WDR





0 30 60  
Scale in Feet



Date: 02/21/2007

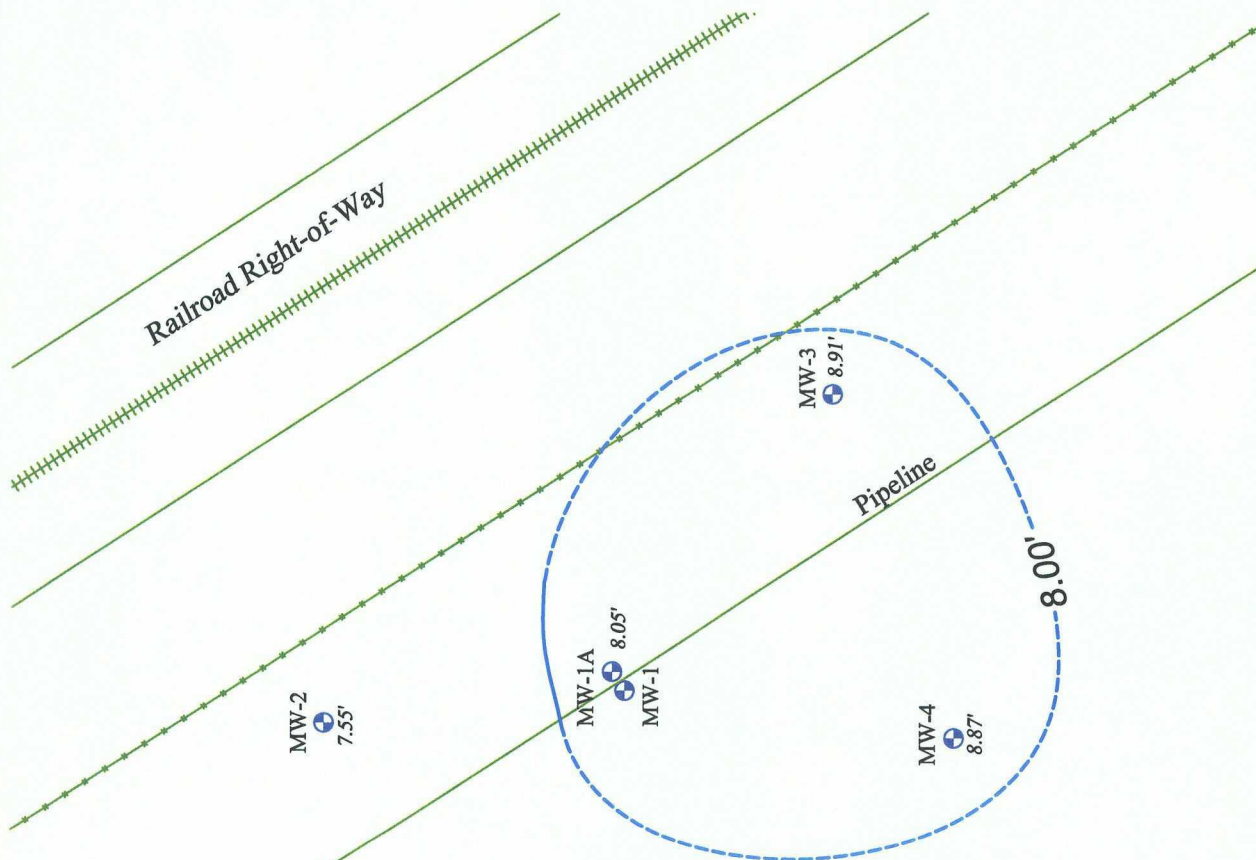
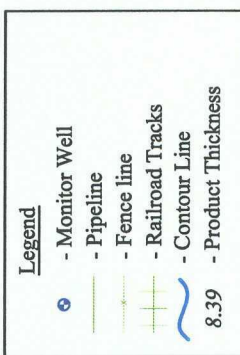
Scale: 1" = 60'

Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 3b, PSH Plume Map, (07/07/2006)



0 30 60  
Scale in Feet



8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 3c, PSH Plume Map, (09/29/2006)

Date: 02/21/2007

Scale: 1" = 60'

Drawn By: WDR





0 30 60  
Scale in Feet

Legend

- Monitor Well
- Pipeline
- Fence line
- Railroad Tracks
- Contour Line
- Product Thickness

8.39

Railroad Right-of-Way

Pipeline

MW-2  
7.51'

MW-1A  
8.61'

MW-1

MW-3  
9.02'

MW-4  
9.02'

8.00'

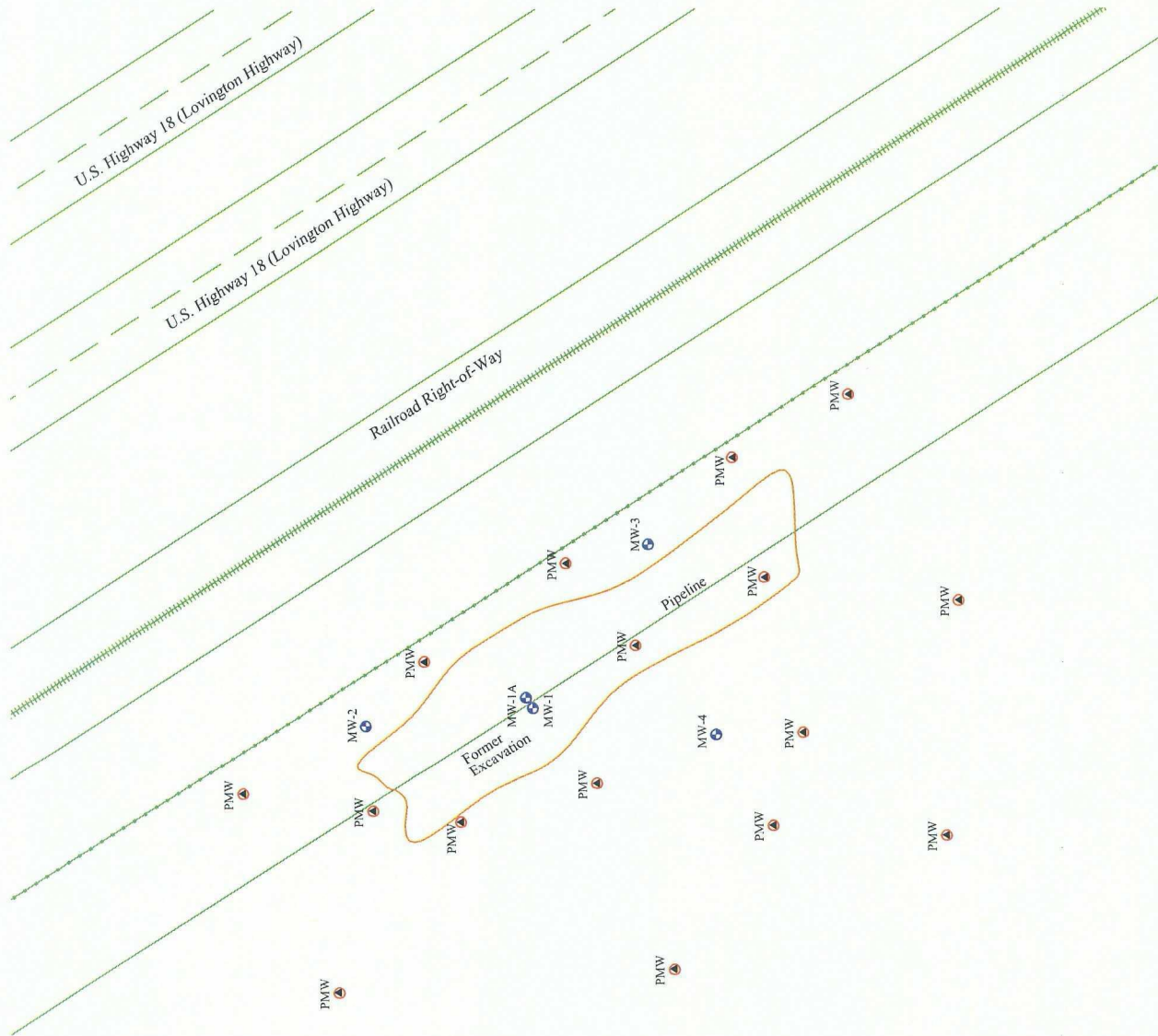
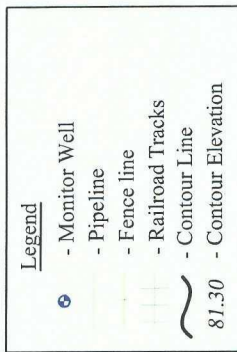


Date: 02/21/2007

Scale: 1" = 60'

Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico  
Figure 3d, PSH Plume Map, (12/27/2006)



Date: 02/21/2007

Scale: 1" = 60'

Drawn By: WDR

8" Moore to Jal #1  
9.2 Miles SE of Lovington, NM  
Lea County, New Mexico

Figure 4 - Site Plan with Proposed Monitor Well Locations

## APPENDIX B -Tables

Table 1 – Summary of PSH Thickness and Gauging Measurements

Table 2 – Quarterly Summary of Hydrocarbon Recovery

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface (Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1A   | 10/08/04    | 3765.34                                  | 53.48                                   | 56.38                                     | 3711.51                                 | 2.90               | 5.00                           | 5.00                              | 0.00                            | 0.00                                | 5.00                  | 5.00                                |
|         | 10/14/04    | 3765.34                                  | 53.25                                   | 68.36                                     | 3710.28                                 | 15.11              | 16.00                          | 21.00                             | 0.00                            | 0.00                                | 16.00                 | 21.00                               |
|         | 10/20/04    | 3765.34                                  | 54.11                                   | 65.92                                     | 3709.81                                 | 11.81              | 12.50                          | 33.50                             | 0.00                            | 0.00                                | 12.50                 | 33.50                               |
|         | 10/29/04    | 3765.34                                  | N/A                                     | 55.09                                     | 3710.25                                 | 0.00               | 9.00                           | 42.50                             | 0.00                            | 0.00                                | 9.00                  | 42.50                               |
|         | 11/04/04    | 3765.34                                  | 55.51                                   | 63.71                                     | 3708.85                                 | 8.20               | 19.50                          | 62.00                             | 0.00                            | 0.00                                | 19.50                 | 62.00                               |
|         | 11/10/04    | 3765.34                                  | 55.72                                   | 63.49                                     | 3708.69                                 | 7.77               | 8.00                           | 70.00                             | 0.00                            | 0.00                                | 8.00                  | 70.00                               |
|         | 11/17/04    | 3765.34                                  | 55.93                                   | 63.49                                     | 3708.50                                 | 7.56               | 7.00                           | 77.00                             | 0.00                            | 0.00                                | 7.00                  | 77.00                               |
|         | 11/24/04    | 3765.34                                  | 55.23                                   | 66.10                                     | 3708.81                                 | 10.87              | 8.00                           | 85.00                             | 0.00                            | 0.00                                | 8.00                  | 85.00                               |
|         | 12/02/04    | 3765.34                                  | 55.28                                   | 65.63                                     | 3708.84                                 | 10.37              | 9.00                           | 94.00                             | 0.00                            | 0.00                                | 9.00                  | 94.00                               |
|         | 12/08/04    | 3765.34                                  | 55.22                                   | 65.60                                     | 3708.87                                 | 10.38              | 8.00                           | 102.00                            | 0.00                            | 0.00                                | 8.00                  | 102.00                              |
|         | 12/15/04    | 3765.34                                  | 56.06                                   | 63.65                                     | 3708.37                                 | 7.59               | 7.00                           | 109.00                            | 0.00                            | 0.00                                | 7.00                  | 109.00                              |
|         | 12/27/04    | 3765.34                                  | 56.35                                   | 63.59                                     | 3708.12                                 | 7.24               | 7.00                           | 116.00                            | 0.00                            | 0.00                                | 7.00                  | 116.00                              |
|         | 12/29/04    | 3765.34                                  | 56.34                                   | 63.58                                     | 3708.13                                 | 7.24               | 6.00                           | 122.00                            | 0.00                            | 0.00                                | 6.00                  | 122.00                              |
|         | 01/06/05    | 3765.34                                  | 56.41                                   | 63.64                                     | 3708.06                                 | 7.23               | 6.00                           | 128.00                            | 0.00                            | 0.00                                | 6.00                  | 128.00                              |
|         | 01/13/05    | 3765.34                                  | 56.56                                   | 63.76                                     | 3707.92                                 | 7.20               | 8.00                           | 136.00                            | 0.00                            | 0.00                                | 8.00                  | 136.00                              |
|         | 01/19/05    | 3765.34                                  | 56.57                                   | 63.78                                     | 3707.90                                 | 7.21               | 8.00                           | 144.00                            | 0.00                            | 0.00                                | 8.00                  | 144.00                              |
|         | 01/26/05    | 3765.34                                  | 56.61                                   | 63.78                                     | 3707.87                                 | 7.17               | 7.50                           | 151.50                            | 0.00                            | 0.00                                | 7.50                  | 151.50                              |
|         | 02/02/05    | 3765.34                                  | 56.63                                   | 64.00                                     | 3707.83                                 | 7.37               | 8.00                           | 159.50                            | 0.00                            | 0.00                                | 8.00                  | 159.50                              |
|         | 02/09/05    | 3765.34                                  | 56.65                                   | 64.11                                     | 3707.79                                 | 7.46               | 7.50                           | 167.00                            | 0.00                            | 0.00                                | 7.50                  | 167.00                              |
|         | 02/16/05    | 3765.34                                  | 56.68                                   | 64.21                                     | 3707.76                                 | 7.53               | 7.50                           | 174.50                            | 0.00                            | 0.00                                | 7.50                  | 174.50                              |
|         | 02/24/05    | 3765.34                                  | 56.69                                   | 64.25                                     | 3707.74                                 | 7.56               | 8.00                           | 182.50                            | 0.00                            | 0.00                                | 8.00                  | 182.50                              |
|         | 03/03/05    | 3765.34                                  | 56.71                                   | 64.41                                     | 3707.71                                 | 7.70               | 9.00                           | 191.50                            | 0.00                            | 0.00                                | 9.00                  | 191.50                              |
|         | 03/11/05    | 3765.34                                  | 56.86                                   | 63.54                                     | 3707.68                                 | 6.68               | 10.00                          | 201.50                            | 0.00                            | 0.00                                | 10.00                 | 201.50                              |
|         | 03/18/05    | 3765.34                                  | 56.72                                   | 64.51                                     | 3707.69                                 | 7.79               | 9.00                           | 210.50                            | 0.00                            | 0.00                                | 9.00                  | 210.50                              |
|         | 04/01/05    | 3765.34                                  | 56.74                                   | 64.65                                     | 3707.65                                 | 7.91               | 8.00                           | 218.50                            | 0.00                            | 0.00                                | 8.00                  | 218.50                              |
|         | 04/07/05    | 3765.34                                  | 56.75                                   | 64.68                                     | 3707.64                                 | 7.93               | 8.00                           | 226.50                            | 0.00                            | 0.00                                | 8.00                  | 226.50                              |
|         | 05/18/05    | 3765.34                                  | 56.80                                   | 64.99                                     | 3707.56                                 | 8.19               | 10.00                          | 236.50                            | 1.00                            | 1.00                                | 11.00                 | 237.50                              |
|         | 05/23/05    | 3765.34                                  | 56.81                                   | 65.00                                     | 3707.55                                 | 8.19               | 9.00                           | 245.50                            | 0.00                            | 1.00                                | 9.00                  | 246.50                              |
|         | 05/26/05    | 3765.34                                  | 56.83                                   | 65.02                                     | 3707.53                                 | 8.19               | 9.00                           | 254.50                            | 0.25                            | 1.25                                | 9.25                  | 255.75                              |
|         | 06/01/05    | 3765.34                                  | 56.82                                   | 65.03                                     | 3707.53                                 | 8.21               | 9.00                           | 263.50                            | 0.25                            | 1.50                                | 9.25                  | 265.00                              |
|         | 06/03/05    | 3765.34                                  | 56.84                                   | 65.01                                     | 3707.52                                 | 8.17               | 6.00                           | 269.50                            | 0.25                            | 1.75                                | 6.25                  | 271.25                              |
|         | 06/07/05    | 3765.34                                  | 56.85                                   | 65.03                                     | 3707.51                                 | 8.18               | 8.00                           | 277.50                            | 0.25                            | 2.00                                | 8.25                  | 279.50                              |
|         | 06/10/05    | 3765.34                                  | 56.85                                   | 65.07                                     | 3707.50                                 | 8.22               | 7.00                           | 284.50                            | 0.25                            | 2.25                                | 7.25                  | 286.75                              |
|         | 06/13/05    | 3765.34                                  | 56.87                                   | 65.10                                     | 3707.48                                 | 8.23               | 9.00                           | 293.50                            | 0.25                            | 2.50                                | 9.25                  | 296.00                              |
|         | 06/16/05    | 3765.34                                  | 56.86                                   | 65.06                                     | 3707.50                                 | 8.20               | 8.00                           | 301.50                            | 0.25                            | 2.75                                | 8.25                  | 304.25                              |
|         | 06/20/05    | 3765.34                                  | 56.88                                   | 65.12                                     | 3707.47                                 | 8.24               | 8.00                           | 309.50                            | 0.25                            | 3.00                                | 8.25                  | 312.50                              |
|         | 06/22/05    | 3765.34                                  | 56.90                                   | 65.10                                     | 3707.46                                 | 8.20               | 8.00                           | 317.50                            | 0.25                            | 3.25                                | 8.25                  | 320.75                              |
|         | 06/29/05    | 3765.34                                  | 56.89                                   | 65.17                                     | 3707.46                                 | 8.28               | 8.50                           | 326.00                            | 0.25                            | 3.50                                | 8.75                  | 329.50                              |
|         | 07/01/05    | 3765.34                                  | 56.91                                   | 65.15                                     | 3707.44                                 | 8.24               | 8.00                           | 334.00                            | 0.25                            | 3.75                                | 8.25                  | 337.75                              |
|         | 07/06/05    | 3765.34                                  | 56.91                                   | 65.17                                     | 3707.44                                 | 8.26               | 7.75                           | 341.75                            | 0.00                            | 3.75                                | 7.75                  | 345.50                              |
|         | 07/08/05    | 3765.34                                  | 56.91                                   | 65.04                                     | 3707.45                                 | 8.13               | 9.00                           | 350.75                            | 0.00                            | 3.75                                | 9.00                  | 354.50                              |
|         | 07/12/05    | 3765.34                                  | 56.95                                   | 65.25                                     | 3707.39                                 | 8.30               | 7.00                           | 357.75                            | 0.25                            | 4.00                                | 7.25                  | 361.75                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
 Plains All American Pipeline, L.P.  
 8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing<br>Elevation (Feet)* | Depth to PSH<br>Below Top of Casing (Feet) | Depth to Water<br>Below Top of Casing (Feet) | Adjusted<br>Potentiometric<br>Surface(Feet)* | PSH<br>THICKNESS<br>(ft) | PSH Volume<br>Recovered<br>(gallons) | PSH<br>Cumulative<br>Recovery<br>(gallons) | Water<br>Volume<br>Recovery<br>(gallons) | Water<br>Cumulative<br>Recovery<br>(gallons) | Total<br>Volume<br>Recovery | Total<br>Cumulative<br>Recovery<br>(gallons) |
|---------|-------------|---------------------------------------------|--------------------------------------------|----------------------------------------------|----------------------------------------------|--------------------------|--------------------------------------|--------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|
| MW-1A   | 07/14/05    | 3765.34                                     | 56.92                                      | 65.21                                        | 3707.43                                      | 8.29                     | 8.75                                 | 366.50                                     | 0.25                                     | 4.25                                         | 9.00                        | 370.75                                       |
|         | 07/19/05    | 3765.34                                     | 56.93                                      | 65.26                                        | 3707.41                                      | 8.33                     | 6.00                                 | 372.50                                     | 0.25                                     | 4.50                                         | 6.25                        | 377.00                                       |
|         | 07/21/05    | 3765.34                                     | 56.96                                      | 65.29                                        | 3707.38                                      | 8.33                     | 8.00                                 | 380.50                                     | 0.25                                     | 4.75                                         | 8.25                        | 385.25                                       |
|         | 07/26/05    | 3765.34                                     | 56.95                                      | 65.31                                        | 3707.39                                      | 8.36                     | 6.00                                 | 386.50                                     | 0.25                                     | 5.00                                         | 6.25                        | 391.50                                       |
|         | 07/28/05    | 3765.34                                     | 56.58                                      | 65.30                                        | 3707.71                                      | 8.72                     | 6.00                                 | 392.50                                     | 0.25                                     | 5.25                                         | 6.25                        | 397.75                                       |
|         | 08/02/05    | 3765.34                                     | 56.98                                      | 65.27                                        | 3707.37                                      | 8.29                     | 8.00                                 | 400.50                                     | 0.25                                     | 5.50                                         | 8.25                        | 406.00                                       |
|         | 08/04/05    | 3765.34                                     | 57.00                                      | 65.33                                        | 3707.34                                      | 8.33                     | 6.00                                 | 406.50                                     | 0.25                                     | 5.75                                         | 6.25                        | 412.25                                       |
|         | 08/09/05    | 3765.34                                     | 57.00                                      | 65.38                                        | 3707.33                                      | 8.38                     | 6.00                                 | 412.50                                     | 0.25                                     | 6.00                                         | 6.25                        | 418.50                                       |
|         | 08/11/05    | 3765.34                                     | 56.99                                      | 65.37                                        | 3707.34                                      | 8.38                     | 6.00                                 | 418.50                                     | 0.25                                     | 6.25                                         | 6.25                        | 424.75                                       |
|         | 08/16/05    | 3765.34                                     | 57.02                                      | 65.42                                        | 3707.31                                      | 8.40                     | 7.00                                 | 425.50                                     | 0.25                                     | 6.50                                         | 7.25                        | 432.00                                       |
|         | 08/18/05    | 3765.34                                     | 57.01                                      | 65.40                                        | 3707.32                                      | 8.39                     | 6.00                                 | 431.50                                     | 0.25                                     | 6.75                                         | 6.25                        | 438.25                                       |
|         | 08/24/05    | 3765.34                                     | 57.03                                      | 65.44                                        | 3707.30                                      | 8.41                     | 6.00                                 | 437.50                                     | 0.25                                     | 7.00                                         | 6.25                        | 444.50                                       |
|         | 08/26/05    | 3765.34                                     | 57.04                                      | 65.44                                        | 3707.29                                      | 8.40                     | 6.00                                 | 443.50                                     | 0.25                                     | 7.25                                         | 6.25                        | 450.75                                       |
|         | 08/30/05    | 3765.34                                     | 56.45                                      | 66.48                                        | 3707.69                                      | 10.03                    | 9.00                                 | 452.50                                     | 0.25                                     | 7.50                                         | 9.25                        | 460.00                                       |
|         | 09/01/05    | 3765.34                                     | 56.52                                      | 66.74                                        | 3707.59                                      | 10.22                    | 9.00                                 | 461.50                                     | 0.25                                     | 7.75                                         | 9.25                        | 469.25                                       |
|         | 09/06/05    | 3765.34                                     | 56.65                                      | 66.28                                        | 3707.53                                      | 9.63                     | 9.00                                 | 470.50                                     | 0.25                                     | 8.00                                         | 9.25                        | 478.50                                       |
|         | 09/08/05    | 3765.34                                     | 56.73                                      | 65.88                                        | 3707.51                                      | 9.15                     | 6.00                                 | 476.50                                     | 0.25                                     | 8.25                                         | 6.25                        | 484.75                                       |
|         | 09/13/05    | 3765.34                                     | 56.86                                      | 65.64                                        | 3707.43                                      | 8.78                     | 9.00                                 | 485.50                                     | 0.25                                     | 8.50                                         | 9.25                        | 494.00                                       |
|         | 09/16/05    | 3765.34                                     | 56.94                                      | 65.46                                        | 3707.38                                      | 8.52                     | 7.00                                 | 492.50                                     | 0.25                                     | 8.75                                         | 7.25                        | 501.25                                       |
|         | 09/20/05    | 3765.34                                     | 57.01                                      | 65.31                                        | 3707.33                                      | 8.30                     | 7.00                                 | 499.50                                     | 0.25                                     | 9.00                                         | 7.25                        | 508.50                                       |
|         | 09/23/05    | 3765.34                                     | 57.04                                      | 65.23                                        | 3707.32                                      | 8.19                     | 6.00                                 | 505.50                                     | 0.25                                     | 9.25                                         | 6.25                        | 514.75                                       |
|         | 09/27/05    | 3765.34                                     | 57.07                                      | 65.17                                        | 3707.30                                      | 8.10                     | 15.00                                | 520.50                                     | 0.25                                     | 9.50                                         | 15.25                       | 530.00                                       |
|         | 09/29/05    | 3765.34                                     | 57.09                                      | 65.10                                        | 3707.29                                      | 8.01                     | 15.00                                | 535.50                                     | 0.25                                     | 9.75                                         | 15.25                       | 545.25                                       |
|         | 10/04/05    | 3765.34                                     | 57.08                                      | 65.18                                        | 3707.29                                      | 8.10                     | 9.00                                 | 544.50                                     | 0.25                                     | 10.00                                        | 9.25                        | 554.50                                       |
|         | 10/06/05    | 3765.34                                     | 57.09                                      | 65.21                                        | 3707.28                                      | 8.12                     | 8.00                                 | 552.50                                     | 0.25                                     | 10.25                                        | 8.25                        | 562.75                                       |
|         | 10/11/05    | 3765.34                                     | 57.09                                      | 65.31                                        | 3707.26                                      | 8.22                     | 8.00                                 | 560.50                                     | 0.25                                     | 10.50                                        | 8.25                        | 571.00                                       |
|         | 10/13/05    | 3765.34                                     | 57.10                                      | 65.28                                        | 3707.26                                      | 8.18                     | 7.00                                 | 567.50                                     | 0.25                                     | 10.75                                        | 7.25                        | 578.25                                       |
|         | 10/18/05    | 3765.34                                     | 57.13                                      | 65.29                                        | 3707.23                                      | 8.16                     | 6.00                                 | 583.50                                     | 0.25                                     | 11.50                                        | 6.25                        | 595.00                                       |
|         | 10/26/05    | 3765.34                                     | 57.15                                      | 65.34                                        | 3707.21                                      | 8.19                     | 7.00                                 | 590.50                                     | 0.50                                     | 12.00                                        | 7.50                        | 602.50                                       |
|         | 10/28/05    | 3765.34                                     | 57.14                                      | 65.28                                        | 3707.22                                      | 8.14                     | 8.00                                 | 598.50                                     | 0.25                                     | 12.25                                        | 8.25                        | 610.75                                       |
|         | 11/01/05    | 3765.34                                     | 57.16                                      | 65.34                                        | 3707.20                                      | 8.18                     | 8.00                                 | 606.50                                     | 0.25                                     | 12.50                                        | 8.25                        | 619.00                                       |
|         | 11/04/05    | 3765.34                                     | 57.17                                      | 65.33                                        | 3707.19                                      | 8.16                     | 9.00                                 | 615.50                                     | 0.25                                     | 12.75                                        | 9.25                        | 628.25                                       |
|         | 11/09/05    | 3765.34                                     | 57.21                                      | 65.38                                        | 3707.15                                      | 8.17                     | 8.00                                 | 623.50                                     | 0.25                                     | 13.00                                        | 8.25                        | 636.50                                       |
|         | 11/11/05    | 3765.34                                     | 57.24                                      | 65.36                                        | 3707.13                                      | 8.12                     | 8.00                                 | 631.50                                     | 0.25                                     | 13.25                                        | 8.25                        | 644.75                                       |
|         | 11/16/05    | 3765.34                                     | 57.21                                      | 65.42                                        | 3707.14                                      | 8.21                     | 7.00                                 | 638.50                                     | 0.25                                     | 13.50                                        | 7.25                        | 652.00                                       |
|         | 11/18/05    | 3765.34                                     | 57.25                                      | 65.36                                        | 3707.12                                      | 8.11                     | 8.00                                 | 646.50                                     | 0.25                                     | 13.75                                        | 8.25                        | 660.25                                       |
|         | 11/22/05    | 3765.34                                     | 57.24                                      | 65.42                                        | 3707.12                                      | 8.18                     | 7.00                                 | 653.50                                     | 0.25                                     | 14.00                                        | 7.25                        | 667.50                                       |
|         | 11/30/05    | 3765.34                                     | 57.25                                      | 65.49                                        | 3707.10                                      | 8.24                     | 7.00                                 | 660.50                                     | 0.25                                     | 14.25                                        | 7.25                        | 674.75                                       |
|         | 12/02/05    | 3765.34                                     | 57.28                                      | 65.45                                        | 3707.08                                      | 8.17                     | 7.00                                 | 667.50                                     | 0.50                                     | 14.75                                        | 7.50                        | 682.25                                       |
|         | 12/06/05    | 3765.34                                     | 57.27                                      | 65.52                                        | 3707.08                                      | 8.25                     | 7.00                                 | 674.50                                     | 0.25                                     | 15.00                                        | 7.25                        | 689.50                                       |
|         | 12/14/05    | 3765.34                                     | 57.30                                      | 65.57                                        | 3707.05                                      | 8.27                     | 7.00                                 | 681.50                                     | 0.50                                     | 15.50                                        | 7.50                        | 697.00                                       |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1A   | 12/16/05    | 3765.34                                  | 57.31                                   | 65.51                                     | 3707.05                                | 8.20               | 7.00                           | 688.50                            | 0.25                            | 15.75                               | 7.25                  | 704.25                              |
|         | 12/21/05    | 3765.34                                  | 57.31                                   | 65.61                                     | 3707.03                                | 8.20               | 7.00                           | 695.50                            | 0.25                            | 16.00                               | 7.25                  | 711.50                              |
|         | 12/23/05    | 3765.34                                  | 57.33                                   | 65.53                                     | 3707.03                                | 8.20               | 7.00                           | 702.50                            | 0.25                            | 16.25                               | 7.25                  | 718.75                              |
|         | 12/27/05    | 3765.34                                  | 57.33                                   | 65.63                                     | 3707.01                                | 8.30               | 7.00                           | 709.50                            | 0.25                            | 16.50                               | 7.25                  | 726.00                              |
|         | 12/30/05    | 3765.34                                  | 57.34                                   | 65.63                                     | 3707.01                                | 8.29               | 7.00                           | 716.50                            | 0.25                            | 16.75                               | 7.25                  | 733.25                              |
|         | 01/03/06    | 3765.34                                  | 57.35                                   | 65.69                                     | 3706.99                                | 8.34               | 8.00                           | 724.50                            | 0.50                            | 17.25                               | 8.50                  | 741.75                              |
|         | 01/03/06    | 3765.34                                  | 57.36                                   | 65.66                                     | 3706.98                                | 8.30               | 6.00                           | 730.50                            | 0.25                            | 17.50                               | 6.25                  | 748.00                              |
|         | 01/11/06    | 3765.34                                  | 57.37                                   | 65.75                                     | 3706.96                                | 8.38               | 8.00                           | 738.50                            | 0.25                            | 17.75                               | 8.25                  | 756.25                              |
|         | 01/13/06    | 3765.34                                  | 57.40                                   | 65.68                                     | 3706.95                                | 8.28               | 7.00                           | 745.50                            | 0.25                            | 18.00                               | 7.25                  | 763.50                              |
|         | 01/18/06    | 3765.34                                  | 57.38                                   | 65.77                                     | 3706.95                                | 8.39               | 6.00                           | 751.50                            | 0.25                            | 18.25                               | 6.25                  | 769.75                              |
|         | 01/20/06    | 3765.34                                  | 57.39                                   | 65.69                                     | 3706.95                                | 8.30               | 8.00                           | 759.50                            | 0.25                            | 18.50                               | 8.25                  | 778.00                              |
|         | 01/24/06    | 3765.34                                  | 57.41                                   | 65.83                                     | 3706.92                                | 8.42               | 9.00                           | 768.50                            | 0.25                            | 18.75                               | 9.25                  | 787.25                              |
|         | 01/26/06    | 3765.34                                  | 57.40                                   | 65.80                                     | 3706.93                                | 8.40               | 9.00                           | 777.50                            | 0.25                            | 19.00                               | 9.25                  | 796.50                              |
|         | 02/02/06    | 3765.34                                  | 57.40                                   | 65.87                                     | 3706.92                                | 8.47               | 0.00                           | 777.50                            | 0.00                            | 19.00                               | 0.00                  | 796.50                              |
|         | 02/08/06    | 3765.34                                  | 57.41                                   | 65.91                                     | 3706.91                                | 8.50               | 8.00                           | 785.50                            | 0.25                            | 19.25                               | 8.25                  | 804.75                              |
|         | 02/10/06    | 3765.34                                  | 57.40                                   | 65.87                                     | 3706.92                                | 8.47               | 8.00                           | 793.50                            | 0.25                            | 19.50                               | 8.25                  | 813.00                              |
|         | 02/14/06    | 3765.34                                  | 57.43                                   | 65.91                                     | 3706.89                                | 8.48               | 10.00                          | 803.50                            | 0.25                            | 19.75                               | 10.25                 | 823.25                              |
|         | 02/16/06    | 3765.34                                  | 57.46                                   | 65.83                                     | 3706.88                                | 8.37               | 10.00                          | 813.50                            | 0.25                            | 20.00                               | 10.25                 | 833.50                              |
|         | 02/21/06    | 3765.34                                  | 57.45                                   | 66.00                                     | 3706.86                                | 8.55               | 10.00                          | 823.50                            | 0.25                            | 20.25                               | 10.25                 | 843.75                              |
|         | 02/24/06    | 3765.34                                  | 57.47                                   | 65.91                                     | 3706.86                                | 8.44               | 8.00                           | 831.50                            | 1.25                            | 21.50                               | 9.25                  | 853.00                              |
|         | 02/28/06    | 3765.34                                  | 57.21                                   | 71.50                                     | 3706.42                                | 14.29              | 0.00                           | 831.50                            | 0.00                            | 21.50                               | 0.00                  | 853.00                              |
|         | 03/03/06    | 3765.34                                  | 57.43                                   | 66.00                                     | 3706.88                                | 8.57               | 0.00                           | 831.50                            | 0.00                            | 21.50                               | 0.00                  | 853.00                              |
|         | 03/06/06    | 3765.34                                  | 57.45                                   | 66.00                                     | 3706.86                                | 8.55               | 7.00                           | 838.50                            | 1.00                            | 22.50                               | 8.00                  | 861.00                              |
|         | 03/08/06    | 3765.34                                  | 57.50                                   | 65.87                                     | 3706.84                                | 8.37               | 8.50                           | 847.00                            | 1.25                            | 23.75                               | 9.75                  | 870.75                              |
|         | 03/15/06    | 3765.34                                  | 57.51                                   | 66.03                                     | 3706.81                                | 8.52               | 8.00                           | 855.00                            | 0.50                            | 24.25                               | 8.50                  | 879.25                              |
|         | 03/17/06    | 3765.34                                  | 57.53                                   | 65.93                                     | 3706.80                                | 8.40               | 7.00                           | 862.00                            | 0.25                            | 24.50                               | 7.25                  | 886.50                              |
|         | 03/21/06    | 3765.34                                  | 57.51                                   | 66.04                                     | 3706.81                                | 8.53               | 7.00                           | 869.00                            | 0.25                            | 24.75                               | 7.25                  | 893.75                              |
|         | 03/23/06    | 3765.34                                  | 57.42                                   | 65.83                                     | 3706.91                                | 8.41               | 8.50                           | 877.50                            | 0.50                            | 25.25                               | 9.00                  | 902.75                              |
|         | 03/28/06    | 3765.34                                  | 57.52                                   | 66.03                                     | 3706.80                                | 8.51               | 7.00                           | 884.50                            | 0.50                            | 25.75                               | 7.50                  | 910.25                              |
|         | 03/30/06    | 3765.34                                  | 57.54                                   | 65.95                                     | 3706.79                                | 8.41               | 7.00                           | 891.50                            | 0.50                            | 26.25                               | 7.50                  | 917.75                              |
|         | 04/04/06    | 3765.34                                  | 57.55                                   | 66.07                                     | 3706.77                                | 8.52               | 7.00                           | 898.50                            | 0.50                            | 26.75                               | 7.50                  | 925.25                              |
|         | 04/07/06    | 3765.34                                  | 57.57                                   | 66.05                                     | 3706.75                                | 8.48               | 7.50                           | 906.00                            | 0.50                            | 27.25                               | 8.00                  | 933.25                              |
|         | 04/12/06    | 3765.34                                  | 57.59                                   | 66.10                                     | 3706.73                                | 8.51               | 7.00                           | 913.00                            | 0.50                            | 27.75                               | 7.50                  | 940.75                              |
|         | 04/14/06    | 3765.34                                  | 57.58                                   | 66.01                                     | 3706.75                                | 8.43               | 6.50                           | 919.50                            | 0.50                            | 28.25                               | 7.00                  | 947.75                              |
|         | 04/18/06    | 3765.34                                  | 57.55                                   | 66.10                                     | 3706.76                                | 8.55               | 6.00                           | 925.50                            | 0.20                            | 28.45                               | 6.20                  | 953.95                              |
|         | 04/21/06    | 3765.34                                  | 57.61                                   | 61.18                                     | 3707.30                                | 3.57               | 7.00                           | 932.50                            | 0.25                            | 28.70                               | 7.25                  | 961.20                              |
|         | 04/26/06    | 3765.34                                  | 57.56                                   | 66.10                                     | 3706.76                                | 8.54               | 7.00                           | 939.50                            | 0.25                            | 29.20                               | 7.50                  | 968.70                              |
|         | 04/28/06    | 3765.34                                  | 57.60                                   | 65.98                                     | 3706.73                                | 8.38               | 6.00                           | 945.50                            | 0.20                            | 29.40                               | 6.20                  | 974.90                              |
|         | 05/04/06    | 3765.34                                  | 57.61                                   | 66.13                                     | 3706.71                                | 8.52               | 6.00                           | 951.50                            | 0.50                            | 29.90                               | 6.50                  | 981.40                              |
|         | 05/05/06    | 3765.34                                  | 57.62                                   | 66.11                                     | 3706.70                                | 8.49               | 7.00                           | 958.50                            | 1.25                            | 31.15                               | 8.25                  | 989.65                              |
|         | 05/10/06    | 3765.34                                  | 57.66                                   | 66.20                                     | 3706.66                                | 8.54               | 7.50                           | 966.00                            | 1.00                            | 32.15                               | 8.50                  | 998.15                              |
|         | 05/12/06    | 3765.34                                  | 57.65                                   | 66.05                                     | 3706.68                                | 8.40               | 7.00                           | 973.00                            | 1.25                            | 33.40                               | 8.25                  | 1006.40                             |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1A   | 05/16/06    | 3765.34                                  | 57.66                                   | 66.20                                     | 3706.66                                | 8.54               | 7.00                           | 980.00                            | 1.00                            | 34.40                               | 8.00                  | 1014.40                             |
|         | 05/18/06    | 3765.34                                  | 57.66                                   | 66.08                                     | 3706.67                                | 8.42               | 7.25                           | 987.25                            | 0.75                            | 35.15                               | 8.00                  | 1022.40                             |
|         | 05/23/06    | 3765.34                                  | 57.67                                   | 66.22                                     | 3706.64                                | 8.55               | 8.00                           | 995.25                            | 0.75                            | 35.90                               | 8.75                  | 1031.15                             |
|         | 05/26/06    | 3765.34                                  | 57.87                                   | 66.16                                     | 3706.48                                | 8.29               | 6.50                           | 1001.75                           | 1.25                            | 37.15                               | 7.75                  | 1038.90                             |
|         | 05/30/06    | 3765.34                                  | 57.68                                   | 66.23                                     | 3706.63                                | 8.55               | 7.25                           | 1009.00                           | 0.25                            | 37.40                               | 7.50                  | 1046.40                             |
|         | 06/01/06    | 3765.34                                  | 57.70                                   | 66.11                                     | 3706.63                                | 8.41               | 6.75                           | 1015.75                           | 1.25                            | 38.65                               | 8.00                  | 1054.40                             |
|         | 06/06/06    | 3765.34                                  | 57.70                                   | 66.25                                     | 3706.61                                | 8.55               | 0.00                           | 1015.75                           | 0.00                            | 38.65                               | 0.00                  | 1054.40                             |
|         | 06/09/06    | 3765.34                                  | 57.70                                   | 66.28                                     | 3706.61                                | 8.56               | 7.25                           | 1023.00                           | 0.10                            | 38.75                               | 7.35                  | 1061.75                             |
|         | 06/13/06    | 3765.34                                  | 57.71                                   | 66.27                                     | 3706.60                                | 8.56               | 7.00                           | 1030.00                           | 1.00                            | 39.75                               | 8.00                  | 1069.75                             |
|         | 06/16/06    | 3765.34                                  | 57.72                                   | 66.25                                     | 3706.60                                | 8.53               | 4.00                           | 1034.00                           | 0.50                            | 40.25                               | 4.50                  | 1074.25                             |
|         | 06/20/06    | 3765.34                                  | 57.72                                   | 66.27                                     | 3706.59                                | 8.55               | 10.00                          | 1044.00                           | 0.50                            | 40.75                               | 10.50                 | 1084.75                             |
|         | 06/23/06    | 3765.34                                  | 57.72                                   | 66.26                                     | 3706.60                                | 8.54               | 6.75                           | 1050.75                           | 1.25                            | 42.00                               | 8.00                  | 1092.75                             |
|         | 06/27/06    | 3765.34                                  | 57.74                                   | 66.28                                     | 3706.58                                | 8.54               | 5.00                           | 1055.75                           | 0.50                            | 42.50                               | 5.50                  | 1098.25                             |
|         | 06/30/06    | 3765.34                                  | 57.75                                   | 66.25                                     | 3706.57                                | 8.50               | 6.50                           | 1062.25                           | 1.25                            | 43.75                               | 7.75                  | 1106.00                             |
|         | 07/05/06    | 3765.34                                  | 57.75                                   | 66.27                                     | 3706.57                                | 8.52               | 0.00                           | 1062.25                           | 0.00                            | 43.75                               | 0.00                  | 1106.00                             |
|         | 07/07/06    | 3765.34                                  | 57.77                                   | 66.31                                     | 3706.55                                | 8.54               | 6.00                           | 1068.25                           | 1.00                            | 44.75                               | 7.00                  | 1113.00                             |
|         | 07/11/06    | 3765.34                                  | 57.78                                   | 66.30                                     | 3706.54                                | 8.52               | 7.00                           | 1075.25                           | 1.25                            | 46.00                               | 8.25                  | 1121.25                             |
|         | 07/13/06    | 3765.34                                  | 57.79                                   | 66.20                                     | 3706.54                                | 8.41               | 7.00                           | 1082.25                           | 1.00                            | 47.00                               | 8.00                  | 1129.25                             |
|         | 07/18/06    | 3765.34                                  | 57.80                                   | 66.36                                     | 3706.51                                | 8.56               | 7.50                           | 1089.75                           | 1.00                            | 48.00                               | 8.50                  | 1137.75                             |
|         | 07/21/06    | 3765.34                                  | 57.80                                   | 66.30                                     | 3706.52                                | 8.50               | 6.00                           | 1095.75                           | 1.00                            | 49.00                               | 7.00                  | 1144.75                             |
|         | 07/25/06    | 3765.34                                  | 57.81                                   | 66.38                                     | 3706.50                                | 8.57               | 7.00                           | 1102.75                           | 0.75                            | 49.75                               | 7.75                  | 1152.50                             |
|         | 07/27/06    | 3765.34                                  | 57.81                                   | 66.28                                     | 3706.51                                | 8.47               | 7.00                           | 1109.75                           | 1.25                            | 51.00                               | 8.25                  | 1160.75                             |
|         | 08/01/06    | 3765.34                                  | 57.83                                   | 66.41                                     | 3706.48                                | 8.58               | 7.50                           | 1117.25                           | 1.00                            | 52.00                               | 8.50                  | 1169.25                             |
|         | 08/03/06    | 3765.34                                  | 57.85                                   | 66.36                                     | 3706.47                                | 8.51               | 7.00                           | 1124.25                           | 0.75                            | 52.75                               | 7.75                  | 1177.00                             |
|         | 08/09/06    | 3765.34                                  | 57.87                                   | 66.44                                     | 3706.44                                | 8.57               | 7.00                           | 1131.25                           | 0.75                            | 53.50                               | 7.75                  | 1184.75                             |
|         | 08/11/06    | 3765.34                                  | 57.87                                   | 66.35                                     | 3706.45                                | 8.48               | 7.50                           | 1138.75                           | 1.00                            | 54.50                               | 8.50                  | 1193.25                             |
|         | 08/15/06    | 3765.34                                  | 57.89                                   | 66.46                                     | 3706.42                                | 8.57               | 5.00                           | 1143.75                           | 1.00                            | 55.50                               | 6.00                  | 1199.25                             |
|         | 08/18/06    | 3765.34                                  | 57.89                                   | 66.46                                     | 3706.41                                | 8.56               | 7.00                           | 1150.75                           | 0.50                            | 56.00                               | 7.50                  | 1206.75                             |
|         | 08/25/06    | 3765.34                                  | 57.92                                   | 66.51                                     | 3706.39                                | 8.59               | 7.25                           | 1158.00                           | 0.50                            | 56.50                               | 7.75                  | 1214.50                             |
|         | 08/30/06    | 3765.34                                  | 57.94                                   | 66.43                                     | 3706.38                                | 8.49               | 6.50                           | 1164.50                           | 0.50                            | 57.00                               | 7.00                  | 1221.50                             |
|         | 09/12/06    | 3765.34                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 1164.50                           | 0.00                            | 57.00                               | 0.00                  | 1221.50                             |
|         | 09/15/06    | 3765.34                                  | 57.27                                   | 67.55                                     | 3706.66                                | 10.08              | 9.00                           | 1173.50                           | 0.50                            | 57.50                               | 9.50                  | 1231.00                             |
|         | 09/20/06    | 3765.34                                  | 57.74                                   | 66.64                                     | 3706.53                                | 8.90               | 7.00                           | 1180.50                           | 0.50                            | 58.00                               | 7.50                  | 1238.50                             |
|         | 09/26/06    | 3765.34                                  | 57.92                                   | 66.16                                     | 3706.43                                | 8.24               | 7.50                           | 1188.00                           | 0.50                            | 58.50                               | 8.00                  | 1246.50                             |
|         | 09/29/06    | 3765.34                                  | 57.98                                   | 66.03                                     | 3706.39                                | 8.05               | 0.00                           | 1188.00                           | 0.00                            | 58.50                               | 0.00                  | 1246.50                             |
|         | 10/04/06    | 3765.34                                  | 58.01                                   | 66.03                                     | 3706.37                                | 8.02               | 7.00                           | 1195.00                           | 0.25                            | 58.75                               | 7.25                  | 1253.75                             |
|         | 10/06/06    | 3765.34                                  | 58.03                                   | 65.94                                     | 3706.36                                | 7.91               | 6.00                           | 1201.00                           | 0.25                            | 59.00                               | 6.25                  | 1260.00                             |
|         | 10/12/06    | 3765.34                                  | 58.06                                   | 63.14                                     | 3709.20                                | 7.96               | 6.00                           | 1207.00                           | 0.50                            | 59.50                               | 6.50                  | 1266.50                             |
|         | 10/17/06    | 3765.34                                  | 58.90                                   | 66.30                                     | 3705.55                                | 7.40               | 7.00                           | 1214.00                           | 0.50                            | 60.00                               | 7.50                  | 1274.00                             |
|         | 10/20/06    | 3765.34                                  | 58.08                                   | 66.04                                     | 3706.30                                | 7.96               | 0.00                           | 1214.00                           | 0.00                            | 60.00                               | 0.00                  | 1274.00                             |
|         | 10/24/06    | 3765.34                                  | 58.10                                   | 66.02                                     | 3702.52                                | 3.64               | 0.00                           | 1214.00                           | 0.00                            | 60.00                               | 0.00                  | 1274.00                             |
|         | 10/26/06    | 3765.34                                  | 58.90                                   | 66.02                                     | 3705.59                                | 7.12               | 0.00                           | 1214.00                           | 0.00                            | 60.00                               | 0.00                  | 1274.00                             |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1A   | 11/22/06    | 3765.34                                  | 58.16                                   | 66.34                                     | 3706.20                                | 8.18               | 7.00                           | 1221.00                           | 0.25                            | 60.25                               | 7.25                  | 1281.25                             |
|         | 11/28/06    | 3765.34                                  | 58.19                                   | 66.41                                     | 3706.16                                | 8.22               | 0.00                           | 1221.00                           | 0.00                            | 60.25                               | 0.00                  | 1281.25                             |
|         | 12/06/06    | 3765.34                                  | 58.25                                   | 66.49                                     | 3706.10                                | 8.24               | 7.50                           | 1228.50                           | 0.50                            | 60.75                               | 8.00                  | 1289.25                             |
|         | 12/08/06    | 3765.34                                  | 58.44                                   | 68.14                                     | 3705.74                                | 9.70               | 8.00                           | 1236.50                           | 0.25                            | 61.00                               | 8.25                  | 1297.50                             |
|         | 12/12/06    | 3765.34                                  | 58.25                                   | 66.49                                     | 3706.10                                | 8.24               | 7.00                           | 1243.50                           | 0.25                            | 61.25                               | 7.25                  | 1304.75                             |
|         | 12/15/06    | 3765.34                                  | 58.92                                   | 66.01                                     | 3705.57                                | 7.09               | 6.50                           | 1250.00                           | 0.25                            | 61.50                               | 6.75                  | 1311.50                             |
|         | 12/20/06    | 3765.34                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 1250.00                           | 0.00                            | 61.50                               | 0.00                  | 1311.50                             |
|         | 12/22/06    | 3765.34                                  | 58.34                                   | 66.41                                     | 3706.03                                | 8.07               | 0.00                           | 1250.00                           | 0.00                            | 61.50                               | 0.00                  | 1311.50                             |
|         | 12/27/06    | 3765.34                                  | 58.30                                   | 66.65                                     | 3706.04                                | 8.35               | 0.00                           | 1250.00                           | 0.00                            | 61.50                               | 0.00                  | 1311.50                             |
|         | 09/22/04    | 3766.03                                  | 56.74                                   | 67.29                                     | 3708.02                                | 10.55              | 0.00                           | 0.00                              | 0.00                            | 0.00                                | 0.00                  | 0.00                                |
|         | 10/08/04    | 3766.03                                  | 52.27                                   | 75.25                                     | 3711.00                                | 22.98              | 35.00                          | 35.00                             | 0.00                            | 0.00                                | 35.00                 | 35.00                               |
|         | 10/14/04    | 3766.03                                  | 53.67                                   | 71.20                                     | 3710.26                                | 17.53              | 20.00                          | 55.00                             | 0.00                            | 0.00                                | 20.00                 | 55.00                               |
| MW-1    | 10/20/04    | 3766.03                                  | 54.64                                   | 68.31                                     | 3709.75                                | 13.67              | 17.00                          | 72.00                             | 0.00                            | 0.00                                | 17.00                 | 72.00                               |
|         | 10/29/04    | 3766.03                                  | 56.08                                   | 63.66                                     | 3709.04                                | 7.58               | 7.00                           | 79.00                             | 0.00                            | 0.00                                | 7.00                  | 79.00                               |
|         | 11/04/04    | 3766.03                                  | 57.49                                   | 58.46                                     | 3708.42                                | 0.97               | 1.50                           | 80.50                             | 0.00                            | 0.00                                | 1.50                  | 80.50                               |
|         | 11/10/04    | 3766.03                                  | 57.69                                   | 58.40                                     | 3708.25                                | 0.71               | 0.75                           | 81.25                             | 0.00                            | 0.00                                | 0.75                  | 81.25                               |
|         | 11/17/04    | 3766.03                                  | 57.88                                   | 58.22                                     | 3708.11                                | 0.34               | 0.25                           | 81.50                             | -0.00                           | 0.00                                | 0.25                  | 81.50                               |
|         | 11/24/04    | 3766.03                                  | 57.91                                   | 58.13                                     | 3708.09                                | 0.22               | 0.50                           | 82.00                             | 0.00                            | 0.00                                | 0.50                  | 82.00                               |
|         | 12/02/04    | 3766.03                                  | 57.75                                   | 58.67                                     | 3708.17                                | 0.92               | 1.00                           | 83.00                             | 0.00                            | 0.00                                | 1.00                  | 83.00                               |
|         | 12/08/04    | 3766.03                                  | 57.70                                   | 58.64                                     | 3708.22                                | 0.94               | 0.25                           | 83.25                             | 0.00                            | 0.00                                | 0.25                  | 83.25                               |
|         | 12/15/04    | 3766.03                                  | 57.89                                   | 59.15                                     | 3707.99                                | 1.26               | 1.00                           | 84.25                             | 0.00                            | 0.00                                | 1.00                  | 84.25                               |
|         | 12/27/04    | 3766.03                                  | 58.20                                   | 58.64                                     | 3707.78                                | 0.44               | 0.13                           | 84.38                             | 0.00                            | 0.00                                | 0.13                  | 84.38                               |
|         | 12/29/04    | 3766.03                                  | 58.17                                   | 58.60                                     | 3707.81                                | 0.43               | 0.06                           | 84.44                             | 0.00                            | 0.00                                | 0.06                  | 84.44                               |
|         | 01/06/05    | 3766.03                                  | 58.29                                   | 58.72                                     | 3707.69                                | 0.43               | 0.13                           | 84.56                             | 0.00                            | 0.00                                | 0.13                  | 84.56                               |
| MW-1    | 01/13/05    | 3766.03                                  | 58.40                                   | 58.72                                     | 3707.59                                | 0.32               | 0.13                           | 84.69                             | 0.00                            | 0.00                                | 0.13                  | 84.69                               |
|         | 01/19/05    | 3766.03                                  | 58.42                                   | 58.71                                     | 3707.58                                | 0.29               | 0.13                           | 84.81                             | 0.00                            | 0.00                                | 0.13                  | 84.81                               |
|         | 01/26/05    | 3766.03                                  | 58.48                                   | 58.83                                     | 3707.51                                | 0.35               | 0.25                           | 85.06                             | 0.00                            | 0.00                                | 0.25                  | 85.06                               |
|         | 02/02/05    | 3766.03                                  | 58.49                                   | 58.81                                     | 3707.50                                | 0.32               | 0.25                           | 85.31                             | 0.00                            | 0.00                                | 0.25                  | 85.31                               |
|         | 02/09/05    | 3766.03                                  | 58.48                                   | 58.80                                     | 3707.51                                | 0.32               | 0.25                           | 85.56                             | 0.00                            | 0.00                                | 0.25                  | 85.56                               |
|         | 02/16/05    | 3766.03                                  | 58.54                                   | 58.86                                     | 3707.45                                | 0.32               | 0.25                           | 85.81                             | 0.00                            | 0.00                                | 0.25                  | 85.81                               |
|         | 02/24/05    | 3766.03                                  | 58.57                                   | 58.89                                     | 3707.42                                | 0.32               | 0.25                           | 86.06                             | 0.00                            | 0.00                                | 0.25                  | 86.06                               |
|         | 03/03/05    | 3766.03                                  | 58.62                                   | 58.89                                     | 3707.38                                | 0.27               | 0.25                           | 86.31                             | 0.00                            | 0.00                                | 0.25                  | 86.31                               |
|         | 03/11/05    | 3766.03                                  | 58.54                                   | 58.63                                     | 3707.48                                | 0.09               | 0.00                           | 86.31                             | 0.00                            | 0.00                                | 0.00                  | 86.31                               |
|         | 03/18/05    | 3766.03                                  | 58.63                                   | 59.08                                     | 3707.35                                | 0.45               | 0.25                           | 86.56                             | 0.00                            | 0.00                                | 0.25                  | 86.56                               |
|         | 04/01/05    | 3766.03                                  | 58.60                                   | 59.07                                     | 3707.37                                | 0.47               | 0.25                           | 86.81                             | 0.00                            | 0.00                                | 0.25                  | 86.81                               |
|         | 04/07/05    | 3766.03                                  | 58.65                                   | 59.17                                     | 3707.32                                | 0.52               | 0.25                           | 87.06                             | 0.00                            | 0.00                                | 0.25                  | 87.06                               |
|         | 05/18/05    | 3766.03                                  | 58.77                                   | 59.30                                     | 3707.20                                | 0.53               | 1.50                           | 88.56                             | 0.50                            | 0.50                                | 2.00                  | 89.06                               |
| MW-1    | 05/23/05    | 3766.03                                  | 58.88                                   | 58.94                                     | 3707.14                                | 0.06               | 0.25                           | 88.81                             | 0.25                            | 0.75                                | 0.50                  | 89.56                               |
|         | 05/26/05    | 3766.03                                  | 58.89                                   | 58.91                                     | 3707.14                                | 0.02               | 0.50                           | 89.31                             | 0.25                            | 1.00                                | 0.75                  | 90.31                               |
|         | 06/01/05    | 3766.03                                  | 58.89                                   | 58.97                                     | 3707.13                                | 0.08               | 0.50                           | 89.81                             | 0.25                            | 1.25                                | 0.75                  | 91.06                               |
|         | 06/03/05    | 3766.03                                  | 58.86                                   | 58.98                                     | 3707.16                                | 0.12               | 0.25                           | 90.06                             | 0.25                            | 1.50                                | 0.50                  | 91.56                               |
|         | 06/07/05    | 3766.03                                  | 58.90                                   | 59.03                                     | 3707.11                                | 0.13               | 0.25                           | 90.31                             | 0.25                            | 1.75                                | 0.50                  | 92.06                               |

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Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1    | 06/10/05    | 3766.03                                  | 58.90                                   | 59.02                                     | 3707.12                                | 0.12               | 1.00                           | 91.31                             | 0.25                            | 2.00                                | 1.25                  | 93.31                               |
|         | 06/13/05    | 3766.03                                  | 58.90                                   | 59.12                                     | 3707.10                                | 0.22               | 0.50                           | 91.81                             | 0.25                            | 2.25                                | 0.75                  | 94.06                               |
|         | 06/16/05    | 3766.03                                  | 58.91                                   | 59.02                                     | 3707.11                                | 0.11               | 0.50                           | 92.31                             | 0.25                            | 2.50                                | 0.75                  | 94.81                               |
|         | 06/20/05    | 3766.03                                  | 58.95                                   | 59.12                                     | 3707.06                                | 0.17               | 0.25                           | 92.56                             | 0.25                            | 2.75                                | 0.50                  | 95.31                               |
|         | 06/22/05    | 3766.03                                  | 58.94                                   | 59.14                                     | 3707.07                                | 0.20               | 0.50                           | 93.06                             | 0.25                            | 3.00                                | 0.75                  | 96.06                               |
|         | 06/29/05    | 3766.03                                  | 58.95                                   | 59.08                                     | 3707.06                                | 0.13               | 0.25                           | 93.31                             | 0.25                            | 3.25                                | 0.50                  | 96.56                               |
|         | 07/01/05    | 3766.03                                  | 58.97                                   | 59.09                                     | 3707.05                                | 0.12               | 0.25                           | 93.56                             | 0.25                            | 3.50                                | 0.50                  | 97.06                               |
|         | 07/06/05    | 3766.03                                  | 58.99                                   | 59.08                                     | 3707.03                                | 0.09               | 0.25                           | 93.81                             | 0.25                            | 3.75                                | 0.50                  | 97.56                               |
|         | 07/08/05    | 3766.03                                  | 58.90                                   | 59.02                                     | 3707.12                                | 0.12               | 0.50                           | 94.31                             | 0.25                            | 4.00                                | 0.75                  | 98.31                               |
|         | 07/12/05    | 3766.03                                  | 59.02                                   | 59.11                                     | 3707.00                                | 0.09               | 0.25                           | 94.56                             | 0.25                            | 4.25                                | 0.50                  | 98.81                               |
|         | 07/14/05    | 3766.03                                  | 58.99                                   | 59.22                                     | 3707.01                                | 0.23               | 0.25                           | 94.81                             | 0.50                            | 4.75                                | 0.75                  | 99.56                               |
|         | 07/19/05    | 3766.03                                  | 59.01                                   | 59.18                                     | 3707.00                                | 0.17               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 07/21/05    | 3766.03                                  | 59.04                                   | 59.38                                     | 3706.95                                | 0.34               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 07/26/05    | 3766.03                                  | 59.04                                   | 59.13                                     | 3706.98                                | 0.09               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 07/28/05    | 3766.03                                  | 59.17                                   | 59.65                                     | 3706.80                                | 0.48               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/02/05    | 3766.03                                  | 59.04                                   | 59.23                                     | 3706.97                                | 0.19               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/04/05    | 3766.03                                  | 59.05                                   | 59.28                                     | 3706.95                                | 0.23               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/09/05    | 3766.03                                  | 59.04                                   | 59.33                                     | 3706.96                                | 0.29               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/11/05    | 3766.03                                  | 59.04                                   | 59.37                                     | 3706.95                                | 0.33               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/16/05    | 3766.03                                  | 59.05                                   | 59.46                                     | 3706.93                                | 0.41               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/18/05    | 3766.03                                  | 59.04                                   | 59.48                                     | 3706.94                                | 0.44               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/24/05    | 3766.03                                  | 59.03                                   | 59.56                                     | 3706.94                                | 0.53               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/26/05    | 3766.03                                  | 59.04                                   | 59.61                                     | 3706.92                                | 0.57               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 08/30/05    | 3766.03                                  | 58.91                                   | 59.71                                     | 3707.02                                | 0.80               | 0.00                           | 94.81                             | 0.00                            | 4.75                                | 0.00                  | 99.56                               |
|         | 09/01/05    | 3766.03                                  | 58.82                                   | 60.17                                     | 3707.05                                | 1.35               | 1.00                           | 95.81                             | 0.25                            | 5.00                                | 1.25                  | 100.81                              |
|         | 09/06/05    | 3766.03                                  | 58.85                                   | 59.63                                     | 3707.09                                | 0.78               | 1.00                           | 96.81                             | 0.25                            | 5.25                                | 1.25                  | 102.06                              |
|         | 09/08/05    | 3766.03                                  | 59.02                                   | 59.38                                     | 3706.97                                | 0.36               | 1.00                           | 96.81                             | 0.00                            | 5.25                                | 0.00                  | 102.06                              |
|         | 09/13/05    | 3766.03                                  | 58.92                                   | 59.92                                     | 3706.99                                | 1.00               | 1.00                           | 97.81                             | 0.25                            | 5.50                                | 1.25                  | 103.31                              |
|         | 09/16/05    | 3766.03                                  | 59.07                                   | 59.37                                     | 3706.92                                | 0.30               | 0.00                           | 97.81                             | 0.00                            | 5.50                                | 0.00                  | 103.31                              |
|         | 09/20/05    | 3766.03                                  | 59.05                                   | 59.67                                     | 3706.91                                | 0.62               | 0.00                           | 97.81                             | 0.00                            | 5.50                                | 0.00                  | 103.31                              |
|         | 09/23/05    | 3766.03                                  | 59.03                                   | 59.82                                     | 3706.91                                | 0.79               | 0.00                           | 97.81                             | 0.00                            | 5.50                                | 0.00                  | 103.31                              |
|         | 09/27/05    | 3766.03                                  | 58.98                                   | 59.98                                     | 3706.93                                | 1.00               | 1.00                           | 98.81                             | 1.00                            | 6.50                                | 2.00                  | 105.31                              |
|         | 09/29/05    | 3766.03                                  | 59.15                                   | 59.25                                     | 3706.87                                | 0.10               | 1.00                           | 99.81                             | 1.25                            | 7.75                                | 2.25                  | 107.56                              |
|         | 10/04/05    | 3766.03                                  | 59.11                                   | 59.44                                     | 3706.88                                | 0.33               | 0.00                           | 99.81                             | 0.00                            | 7.75                                | 0.00                  | 107.56                              |
|         | 10/06/05    | 3766.03                                  | 59.14                                   | 59.56                                     | 3706.84                                | 0.42               | 0.00                           | 99.81                             | 0.00                            | 7.75                                | 0.00                  | 107.56                              |
|         | 10/11/05    | 3766.03                                  | 59.08                                   | 59.78                                     | 3706.87                                | 0.70               | 0.00                           | 99.81                             | 0.00                            | 7.75                                | 0.00                  | 107.56                              |
|         | 10/13/05    | 3766.03                                  | 59.06                                   | 59.92                                     | 3706.87                                | 0.86               | 0.00                           | 99.81                             | 0.00                            | 7.75                                | 0.00                  | 107.56                              |
|         | 10/18/05    | 3766.03                                  | 59.04                                   | 60.42                                     | 3706.82                                | 1.38               | 0.00                           | 99.81                             | 0.00                            | 7.75                                | 0.00                  | 107.56                              |
|         | 10/21/05    | 3766.03                                  | 59.03                                   | 60.24                                     | 3706.85                                | 1.21               | 0.00                           | 99.81                             | 0.00                            | 7.75                                | 0.00                  | 107.56                              |
|         | 10/26/05    | 3766.03                                  | 58.94                                   | 60.40                                     | 3706.91                                | 1.46               | 1.00                           | 100.81                            | 0.25                            | 8.00                                | 1.25                  | 108.81                              |
|         | 10/28/05    | 3766.03                                  | 59.18                                   | 59.50                                     | 3706.81                                | 0.32               | 0.00                           | 100.81                            | 0.00                            | 8.00                                | 0.00                  | 108.81                              |
|         | 11/01/05    | 3766.03                                  | 59.16                                   | 59.70                                     | 3706.81                                | 0.54               | 0.00                           | 100.81                            | 0.00                            | 8.00                                | 0.00                  | 108.81                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jai #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1    | 11/04/05    | 3766.03                                  | 59.14                                   | 59.81                                     | 3706.81                                | 0.67               | 0.50                           | 101.31                            | 0.50                            | 8.50                                | 1.00                  | 109.81                              |
|         | 11/09/05    | 3766.03                                  | 59.26                                   | 59.54                                     | 3706.74                                | 0.28               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 11/11/05    | 3766.03                                  | 59.26                                   | 59.54                                     | 3706.74                                | 0.28               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 11/16/05    | 3766.03                                  | 59.21                                   | 59.84                                     | 3706.74                                | 0.63               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 11/18/05    | 3766.03                                  | 59.26                                   | 59.86                                     | 3706.70                                | 0.60               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 11/22/05    | 3766.03                                  | 59.17                                   | 60.10                                     | 3706.75                                | 0.93               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 11/30/05    | 3766.03                                  | 59.11                                   | 60.46                                     | 3706.76                                | 1.35               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 12/02/05    | 3766.03                                  | 59.11                                   | 60.46                                     | 3706.76                                | 1.35               | 0.00                           | 101.31                            | 0.00                            | 8.50                                | 0.00                  | 109.81                              |
|         | 12/06/05    | 3766.03                                  | 59.05                                   | 60.75                                     | 3706.78                                | 1.70               | 1.00                           | 102.31                            | 0.25                            | 8.75                                | 1.25                  | 111.06                              |
|         | 12/14/05    | 3766.03                                  | 59.27                                   | 60.04                                     | 3706.67                                | 0.77               | 0.00                           | 102.31                            | 0.00                            | 8.75                                | 0.00                  | 111.06                              |
|         | 12/16/05    | 3766.03                                  | 59.28                                   | 60.04                                     | 3706.66                                | 0.76               | 0.00                           | 102.31                            | 0.00                            | 8.75                                | 0.00                  | 111.06                              |
|         | 12/21/05    | 3766.03                                  | 59.28                                   | 60.04                                     | 3706.66                                | 0.76               | 0.00                           | 102.31                            | 0.00                            | 8.75                                | 0.00                  | 111.06                              |
|         | 12/23/05    | 3766.03                                  | 59.19                                   | 59.53                                     | 3706.80                                | 0.34               | 0.00                           | 102.31                            | 0.00                            | 8.75                                | 0.00                  | 111.06                              |
|         | 12/27/05    | 3766.03                                  | 59.19                                   | 59.53                                     | 3706.80                                | 0.34               | 0.00                           | 102.31                            | 0.00                            | 8.75                                | 0.00                  | 111.06                              |
|         | 12/30/05    | 3766.03                                  | 59.03                                   | 59.91                                     | 3706.89                                | 0.88               | 0.00                           | 102.31                            | 0.00                            | 8.75                                | 0.00                  | 111.06                              |
|         | 01/03/06    | 3766.03                                  | 59.11                                   | 61.18                                     | 3706.67                                | 2.07               | 1.00                           | 103.31                            | 0.25                            | 9.00                                | 1.25                  | 112.31                              |
|         | 01/05/06    | 3766.03                                  | 59.16                                   | 59.43                                     | 3706.84                                | 0.27               | 0.00                           | 103.31                            | 0.00                            | 9.00                                | 0.00                  | 112.31                              |
|         | 01/11/06    | 3766.03                                  | 59.38                                   | 60.03                                     | 3706.57                                | 0.65               | 0.00                           | 103.31                            | 0.00                            | 9.00                                | 0.00                  | 112.31                              |
|         | 01/13/06    | 3766.03                                  | 59.40                                   | 60.18                                     | 3706.54                                | 0.78               | 0.00                           | 103.31                            | 0.00                            | 9.00                                | 0.00                  | 112.31                              |
|         | 01/18/06    | 3766.03                                  | 59.28                                   | 60.45                                     | 3706.61                                | 1.17               | 0.00                           | 103.31                            | 0.00                            | 9.00                                | 0.00                  | 112.31                              |
|         | 01/20/06    | 3766.03                                  | 59.29                                   | 60.61                                     | 3706.58                                | 1.32               | 0.50                           | 103.81                            | 0.50                            | 9.50                                | 1.00                  | 113.31                              |
|         | 01/24/06    | 3766.03                                  | 59.24                                   | 60.87                                     | 3706.59                                | 1.53               | 0.00                           | 103.81                            | 0.00                            | 9.50                                | 0.00                  | 113.31                              |
|         | 01/26/06    | 3766.03                                  | 59.23                                   | 60.82                                     | 3706.61                                | 1.59               | 0.00                           | 103.81                            | 0.00                            | 9.50                                | 0.00                  | 113.31                              |
|         | 02/02/06    | 3766.03                                  | 59.08                                   | 61.49                                     | 3706.66                                | 2.41               | 0.00                           | 103.81                            | 0.00                            | 9.50                                | 0.00                  | 113.31                              |
|         | 02/08/06    | 3766.03                                  | 59.00                                   | 61.90                                     | 3706.68                                | 2.90               | 1.50                           | 105.31                            | 0.25                            | 9.75                                | 1.75                  | 115.06                              |
|         | 02/10/06    | 3766.03                                  | 59.97                                   | 61.83                                     | 3706.72                                | 2.86               | 1.50                           | 106.81                            | 0.25                            | 10.00                               | 1.75                  | 116.81                              |
|         | 02/14/06    | 3766.03                                  | 59.44                                   | 60.11                                     | 3706.51                                | 0.87               | 1.00                           | 107.81                            | 0.50                            | 10.50                               | 1.50                  | 118.31                              |
|         | 02/16/06    | 3766.03                                  | 59.55                                   | 59.76                                     | 3706.45                                | 0.21               | 1.00                           | 108.81                            | 0.25                            | 10.75                               | 1.25                  | 119.56                              |
|         | 02/21/06    | 3766.03                                  | 57.45                                   | 60.15                                     | 3708.26                                | 2.70               | 0.50                           | 109.31                            | 0.50                            | 11.25                               | 1.00                  | 120.56                              |
|         | 02/24/06    | 3766.03                                  | 59.52                                   | 60.00                                     | 3706.45                                | 0.48               | 0.00                           | 109.31                            | 0.00                            | 11.25                               | 0.00                  | 120.56                              |
|         | 02/28/06    | 3766.03                                  | 59.40                                   | 60.32                                     | 3706.52                                | 0.92               | 0.00                           | 109.31                            | 0.00                            | 11.25                               | 0.00                  | 120.56                              |
|         | 03/03/06    | 3766.03                                  | 59.37                                   | 60.61                                     | 3706.51                                | 1.24               | 0.00                           | 109.31                            | 0.00                            | 11.25                               | 0.00                  | 120.56                              |
|         | 03/06/06    | 3766.03                                  | 59.45                                   | 60.84                                     | 3706.41                                | 1.39               | 1.50                           | 110.81                            | 0.50                            | 11.75                               | 2.00                  | 122.56                              |
|         | 03/08/06    | 3766.03                                  | 59.30                                   | 61.05                                     | 3706.52                                | 1.75               | 1.00                           | 111.81                            | 0.20                            | 11.95                               | 1.20                  | 123.76                              |
|         | 03/15/06    | 3766.03                                  | 59.39                                   | 60.30                                     | 3706.53                                | 0.91               | 1.00                           | 112.81                            | 0.25                            | 12.20                               | 1.25                  | 125.01                              |
|         | 03/17/06    | 3766.03                                  | 59.38                                   | 60.30                                     | 3706.54                                | 0.92               | 0.00                           | 112.81                            | 0.00                            | 12.20                               | 0.00                  | 125.01                              |
|         | 03/21/06    | 3766.03                                  | 59.52                                   | 60.28                                     | 3706.42                                | 0.76               | 0.00                           | 112.81                            | 0.00                            | 12.20                               | 0.00                  | 125.01                              |
|         | 03/23/06    | 3766.03                                  | 59.39                                   | 60.33                                     | 3706.53                                | 0.94               | 1.00                           | 113.81                            | 0.25                            | 12.45                               | 1.25                  | 126.26                              |
|         | 03/28/06    | 3766.03                                  | 59.45                                   | 60.60                                     | 3706.44                                | 1.15               | 0.50                           | 114.31                            | 0.20                            | 12.65                               | 0.70                  | 126.96                              |
|         | 03/30/06    | 3766.03                                  | 59.49                                   | 60.65                                     | 3706.40                                | 1.16               | 0.50                           | 114.81                            | 0.20                            | 12.85                               | 0.70                  | 127.66                              |
|         | 04/04/06    | 3766.03                                  | 59.38                                   | 60.98                                     | 3706.46                                | 1.60               | 0.50                           | 115.31                            | 0.20                            | 13.05                               | 0.70                  | 128.36                              |
|         | 04/07/06    | 3766.03                                  | 59.35                                   | 61.30                                     | 3706.45                                | 1.95               | 0.50                           | 115.81                            | 0.25                            | 13.30                               | 0.75                  | 129.11                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet) | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|---------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1    | 04/12/06    | 3766.03                                  | 59.23                                   | 61.80                                     | 3706.49                               | 2.57               | 1.25                           | 117.06                            | 0.20                            | 13.50                               | 1.45                  | 130.56                              |
|         | 04/14/06    | 3766.03                                  | 59.55                                   | 60.47                                     | 3706.37                               | 0.92               | 0.50                           | 117.56                            | 0.20                            | 13.70                               | 0.70                  | 131.26                              |
|         | 04/18/06    | 3766.03                                  | 59.43                                   | 60.82                                     | 3706.43                               | 1.39               | 0.50                           | 118.06                            | 0.20                            | 13.90                               | 0.70                  | 131.96                              |
|         | 04/21/06    | 3766.03                                  | 59.41                                   | 61.18                                     | 3706.41                               | 1.77               | 0.50                           | 118.56                            | 0.25                            | 14.15                               | 0.75                  | 132.71                              |
|         | 04/26/06    | 3766.03                                  | 59.25                                   | 61.65                                     | 3706.49                               | 2.40               | 1.00                           | 119.56                            | 0.25                            | 14.40                               | 1.25                  | 133.96                              |
|         | 04/28/06    | 3766.03                                  | 59.50                                   | 60.80                                     | 3706.37                               | 1.30               | 0.50                           | 120.06                            | 0.10                            | 14.50                               | 0.60                  | 134.56                              |
|         | 05/04/06    | 3766.03                                  | 59.41                                   | 61.25                                     | 3706.40                               | 1.84               | 0.50                           | 120.56                            | 0.20                            | 14.70                               | 0.70                  | 135.26                              |
|         | 05/05/06    | 3766.03                                  | 59.41                                   | 60.37                                     | 3706.50                               | 0.96               | 0.00                           | 120.56                            | 0.00                            | 14.70                               | 0.00                  | 135.26                              |
|         | 05/10/06    | 3766.03                                  | 59.35                                   | 60.95                                     | 3706.49                               | 1.60               | 0.00                           | 120.56                            | 0.00                            | 14.70                               | 0.00                  | 135.26                              |
|         | 05/12/06    | 3766.03                                  | 59.27                                   | 62.15                                     | 3706.41                               | 2.88               | 2.00                           | 122.56                            | 0.50                            | 15.20                               | 2.50                  | 137.76                              |
|         | 05/16/06    | 3766.03                                  | 59.37                                   | 61.82                                     | 3706.37                               | 2.45               | 1.20                           | 123.76                            | 1.00                            | 16.20                               | 2.20                  | 139.96                              |
|         | 05/18/06    | 3766.03                                  | 59.41                                   | 61.55                                     | 3706.36                               | 2.14               | 1.25                           | 125.01                            | 0.50                            | 16.70                               | 1.75                  | 141.71                              |
|         | 05/23/06    | 3766.03                                  | 59.35                                   | 61.87                                     | 3706.38                               | 2.52               | 1.52                           | 126.53                            | 0.20                            | 16.90                               | 1.72                  | 143.43                              |
|         | 05/26/06    | 3766.03                                  | 59.38                                   | 61.75                                     | 3706.37                               | 2.37               | 1.50                           | 128.03                            | 0.50                            | 17.40                               | 2.00                  | 145.43                              |
|         | 05/30/06    | 3766.03                                  | 59.43                                   | 61.62                                     | 3706.34                               | 2.19               | 1.00                           | 129.03                            | 0.25                            | 17.65                               | 1.25                  | 146.68                              |
|         | 05/31/06    | 3766.03                                  | 59.41                                   | 60.80                                     | 3706.45                               | 1.39               | 0.00                           | 129.03                            | 0.00                            | 17.65                               | 0.00                  | 146.68                              |
|         | 06/01/06    | 3766.03                                  | 59.28                                   | 62.40                                     | 3706.38                               | 3.12               | 0.00                           | 129.03                            | 0.00                            | 17.65                               | 0.00                  | 146.68                              |
|         | 06/09/06    | 3766.03                                  | 59.18                                   | 62.74                                     | 3706.42                               | 3.56               | 2.25                           | 131.28                            | 0.25                            | 17.90                               | 2.50                  | 149.18                              |
|         | 06/13/06    | 3766.03                                  | 59.27                                   | 62.50                                     | 3706.37                               | 3.23               | 1.75                           | 133.03                            | 0.25                            | 18.15                               | 2.00                  | 151.18                              |
|         | 06/16/06    | 3766.03                                  | 59.30                                   | 62.25                                     | 3706.38                               | 2.95               | 4.00                           | 137.03                            | 0.50                            | 18.65                               | 4.50                  | 155.68                              |
|         | 06/20/06    | 3766.03                                  | 59.46                                   | 61.59                                     | 3706.31                               | 2.13               | 7.00                           | 144.03                            | 0.50                            | 19.15                               | 7.50                  | 163.18                              |
|         | 06/23/06    | 3766.03                                  | 59.38                                   | 62.02                                     | 3706.33                               | 2.64               | 0.75                           | 144.78                            | 0.75                            | 19.90                               | 1.50                  | 164.68                              |
|         | 06/27/06    | 3766.03                                  | 59.74                                   | 62.08                                     | 3706.01                               | 2.34               | 1.50                           | 146.28                            | 0.50                            | 20.40                               | 2.00                  | 166.68                              |
|         | 06/30/06    | 3766.03                                  | 59.65                                   | 60.92                                     | 3706.23                               | 1.27               | 0.75                           | 147.03                            | 0.25                            | 20.65                               | 1.00                  | 167.68                              |
|         | 07/05/06    | 3766.03                                  | 59.54                                   | 61.50                                     | 3706.25                               | 1.96               | 0.00                           | 147.03                            | 0.00                            | 20.65                               | 0.00                  | 167.68                              |
|         | 07/07/06    | 3766.03                                  | 59.59                                   | 61.80                                     | 3706.17                               | 2.21               | 2.00                           | 149.03                            | 0.25                            | 20.90                               | 2.25                  | 169.93                              |
|         | 07/11/06    | 3766.03                                  | 59.62                                   | 61.31                                     | 3706.21                               | 1.89               | 0.75                           | 149.78                            | 1.00                            | 21.90                               | 1.75                  | 171.68                              |
|         | 07/13/06    | 3766.03                                  | 59.58                                   | 61.51                                     | 3706.22                               | 1.93               | 1.50                           | 151.28                            | 1.00                            | 22.90                               | 2.50                  | 174.18                              |
|         | 07/18/06    | 3766.03                                  | 59.58                                   | 61.55                                     | 3706.21                               | 1.97               | 2.50                           | 153.78                            | 1.00                            | 23.90                               | 3.50                  | 177.68                              |
|         | 07/21/06    | 3766.03                                  | 59.78                                   | 60.59                                     | 3706.15                               | 0.81               | 0.00                           | 153.78                            | 1.00                            | 24.90                               | 1.00                  | 178.68                              |
|         | 07/25/06    | 3766.03                                  | 59.67                                   | 61.20                                     | 3706.18                               | 1.53               | 0.75                           | 154.53                            | 0.25                            | 25.15                               | 1.00                  | 179.68                              |
|         | 07/27/06    | 3766.03                                  | 59.65                                   | 61.31                                     | 3706.18                               | 1.66               | 1.50                           | 156.03                            | 0.50                            | 25.65                               | 2.00                  | 181.68                              |
|         | 08/01/06    | 3766.03                                  | 59.71                                   | 61.15                                     | 3706.15                               | 1.44               | 0.00                           | 156.03                            | 0.00                            | 25.65                               | 0.00                  | 181.68                              |
|         | 08/03/06    | 3766.03                                  | 59.65                                   | 61.46                                     | 3706.16                               | 1.81               | 1.00                           | 157.03                            | 0.50                            | 26.15                               | 1.50                  | 183.18                              |
|         | 08/09/06    | 3766.03                                  | 59.62                                   | 61.74                                     | 3706.16                               | 2.12               | 1.25                           | 158.28                            | 0.50                            | 26.65                               | 1.75                  | 184.93                              |
|         | 08/11/06    | 3766.03                                  | 59.27                                   | 61.12                                     | 3706.54                               | 1.85               | 0.00                           | 158.28                            | 0.00                            | 26.65                               | 0.00                  | 184.93                              |
|         | 08/15/06    | 3766.03                                  | 59.65                                   | 61.82                                     | 3706.12                               | 2.17               | 0.00                           | 158.28                            | 0.00                            | 26.65                               | 0.00                  | 184.93                              |
|         | 08/18/06    | 3766.03                                  | 59.52                                   | 62.35                                     | 3705.69                               | 2.28               | 1.75                           | 160.03                            | 0.50                            | 27.15                               | 2.25                  | 187.18                              |
|         | 08/25/06    | 3766.03                                  | 59.67                                   | 61.80                                     | 3706.15                               | 2.18               | 1.50                           | 161.53                            | 0.25                            | 27.40                               | 1.75                  | 188.93                              |
|         | 08/30/06    | 3766.03                                  | 59.68                                   | 61.81                                     | 3706.09                               | 2.13               | 0.00                           | 161.53                            | 0.00                            | 27.40                               | 0.00                  | 188.93                              |
|         | 09/12/06    | 3766.03                                  | NM                                      | NM                                        | NM                                    | 0.00               | 0.00                           | 161.53                            | 0.00                            | 27.40                               | 0.00                  | 188.93                              |
|         | 09/15/06    | 3766.03                                  | 58.27                                   | 61.35                                     | 3707.39                               | 3.08               | 6.50                           | 168.03                            | 0.50                            | 27.90                               | 7.00                  | 195.93                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-1    | 09/20/06    | 3766.03                                  | 58.88                                   | 65.01                                     | 3706.41                                | 6.13               | 3.50                           | 171.53                            | 1.00                            | 28.90                               | 4.50                  | 200.43                              |
|         | 09/26/06    | 3766.03                                  | 59.08                                   | 64.38                                     | 3706.31                                | 5.30               | 3.00                           | 174.53                            | 1.00                            | 29.90                               | 4.00                  | 204.43                              |
|         | 09/29/06    | 3766.03                                  | 59.61                                   | 62.10                                     | 3706.12                                | 2.49               | 0.00                           | 174.53                            | 0.00                            | 29.90                               | 0.00                  | 204.43                              |
|         | 10/04/06    | 3766.03                                  | 59.26                                   | 63.81                                     | 3706.22                                | 4.55               | 3.00                           | 177.53                            | 0.50                            | 30.40                               | 3.50                  | 207.93                              |
|         | 10/06/06    | 3766.03                                  | 59.81                                   | 61.34                                     | 3706.04                                | 1.53               | 0.00                           | 177.53                            | 0.00                            | 30.40                               | 0.00                  | 207.93                              |
|         | 10/12/06    | 3766.03                                  | 59.44                                   | 63.14                                     | 3706.15                                | 3.70               | 1.50                           | 179.03                            | 1.25                            | 31.65                               | 2.75                  | 210.68                              |
|         | 10/17/06    | 3766.03                                  | 59.88                                   | 61.21                                     | 3705.99                                | 1.33               | 0.00                           | 179.03                            | 0.00                            | 31.65                               | 0.00                  | 210.68                              |
|         | 10/24/06    | 3766.03                                  | 59.88                                   | 61.21                                     | 3705.99                                | 1.33               | 0.00                           | 179.03                            | 0.00                            | 31.65                               | 0.00                  | 210.68                              |
|         | 10/26/06    | 3766.03                                  | 59.44                                   | 62.97                                     | 3706.17                                | 3.53               | 0.00                           | 179.03                            | 0.00                            | 31.65                               | 0.00                  | 210.68                              |
|         | 11/22/06    | 3766.03                                  | 58.91                                   | 66.21                                     | 3706.24                                | 7.30               | 6.00                           | 185.03                            | 0.25                            | 31.90                               | 6.25                  | 216.93                              |
|         | 11/28/06    | 3766.03                                  | 58.96                                   | 66.12                                     | 3706.21                                | 7.16               | 0.00                           | 185.03                            | 0.00                            | 31.90                               | 0.00                  | 216.93                              |
|         | 12/06/06    | 3766.03                                  | 58.93                                   | 66.70                                     | 3706.17                                | 7.77               | 7.00                           | 192.03                            | 0.50                            | 32.40                               | 7.50                  | 224.43                              |
|         | 12/08/06    | 3766.03                                  | 58.06                                   | 66.02                                     | 3707.01                                | 7.96               | 7.50                           | 199.53                            | 0.25                            | 32.65                               | 7.75                  | 232.18                              |
|         | 12/12/06    | 3766.03                                  | 59.34                                   | 64.75                                     | 3706.04                                | 5.41               | 4.50                           | 204.03                            | 0.00                            | 32.65                               | 4.50                  | 236.68                              |
|         | 12/15/06    | 3766.03                                  | 59.48                                   | 62.95                                     | 3706.13                                | 3.47               | 3.00                           | 207.03                            | 0.25                            | 32.90                               | 3.25                  | 239.93                              |
|         | 12/20/06    | 3766.03                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 207.03                            | 0.00                            | 32.90                               | 0.00                  | 239.93                              |
|         | 12/22/06    | 3766.03                                  | 59.19                                   | 65.57                                     | 3706.07                                | 6.38               | 0.00                           | 207.03                            | 0.00                            | 32.90                               | 0.00                  | 239.93                              |
|         | 12/27/06    | 3766.03                                  | 59.04                                   | 66.32                                     | 3706.12                                | 7.28               | 0.00                           | 207.03                            | 0.00                            | 32.90                               | 0.00                  | 239.93                              |
| MW-2    | 10/29/04    | 3770.91                                  | 61.85                                   | NM                                        | NM                                     | NM                 | 3.00                           | 3.00                              | 0.00                            | 0.00                                | 3.00                  | 3.00                                |
|         | 11/04/04    | 3770.91                                  | 61.70                                   | 65.44                                     | 3708.76                                | 3.74               | 10.00                          | 13.00                             | 0.00                            | 0.00                                | 10.00                 | 13.00                               |
|         | 11/10/04    | 3770.91                                  | 61.48                                   | 67.15                                     | 3708.75                                | 5.67               | 7.00                           | 20.00                             | 0.00                            | 0.00                                | 7.00                  | 20.00                               |
|         | 11/17/04    | 3770.91                                  | 61.72                                   | 66.74                                     | 3708.59                                | 5.02               | 5.00                           | 25.00                             | 0.00                            | 0.00                                | 5.00                  | 25.00                               |
|         | 11/24/04    | 3770.91                                  | 61.81                                   | 67.10                                     | 3708.47                                | 5.29               | 5.00                           | 30.00                             | 0.00                            | 0.00                                | 5.00                  | 30.00                               |
|         | 12/02/04    | 3770.91                                  | 61.44                                   | 68.41                                     | 3708.63                                | 6.97               | 6.00                           | 36.00                             | 0.00                            | 0.00                                | 6.00                  | 36.00                               |
|         | 12/08/04    | 3770.91                                  | 61.38                                   | 68.39                                     | 3708.69                                | 7.01               | 5.00                           | 41.00                             | 0.00                            | 0.00                                | 5.00                  | 41.00                               |
|         | 12/15/04    | 3770.91                                  | 61.52                                   | 68.86                                     | 3708.51                                | 7.34               | 7.00                           | 48.00                             | 0.00                            | 0.00                                | 7.00                  | 48.00                               |
|         | 12/27/04    | 3770.91                                  | 61.65                                   | 69.09                                     | 3708.37                                | 7.44               | 6.00                           | 54.00                             | 0.00                            | 0.00                                | 6.00                  | 54.00                               |
|         | 12/29/04    | 3770.91                                  | 61.66                                   | 69.08                                     | 3708.36                                | 7.42               | 6.00                           | 60.00                             | 0.00                            | 0.00                                | 6.00                  | 60.00                               |
|         | 01/06/05    | 3770.91                                  | 61.72                                   | 69.18                                     | 3708.29                                | 7.46               | 7.00                           | 67.00                             | 0.00                            | 0.00                                | 7.00                  | 67.00                               |
|         | 01/13/05    | 3770.91                                  | 61.81                                   | 69.21                                     | 3708.21                                | 7.40               | 7.00                           | 74.00                             | 0.00                            | 0.00                                | 7.00                  | 74.00                               |
|         | 01/19/05    | 3770.91                                  | 61.85                                   | 69.25                                     | 3708.17                                | 7.40               | 7.00                           | 81.00                             | 0.00                            | 0.00                                | 7.00                  | 81.00                               |
|         | 01/26/05    | 3770.91                                  | 61.89                                   | 69.41                                     | 3708.12                                | 7.52               | 19.00                          | 100.00                            | 0.00                            | 0.00                                | 19.00                 | 100.00                              |
|         | 02/02/05    | 3770.91                                  | 61.93                                   | 69.45                                     | 3708.08                                | 7.52               | 7.00                           | 107.00                            | 0.00                            | 0.00                                | 7.00                  | 107.00                              |
|         | 02/09/05    | 3770.91                                  | 61.92                                   | 69.48                                     | 3708.08                                | 7.56               | 8.00                           | 115.00                            | 0.00                            | 0.00                                | 8.00                  | 115.00                              |
|         | 02/16/05    | 3770.91                                  | 61.96                                   | 69.57                                     | 3708.04                                | 7.61               | 7.00                           | 122.00                            | 0.00                            | 0.00                                | 7.00                  | 122.00                              |
|         | 02/24/05    | 3770.91                                  | 62.01                                   | 69.59                                     | 3707.99                                | 7.58               | 8.00                           | 130.00                            | 0.00                            | 0.00                                | 8.00                  | 130.00                              |
|         | 03/03/05    | 3770.91                                  | 62.00                                   | 69.65                                     | 3707.99                                | 7.65               | 9.00                           | 139.00                            | 0.00                            | 0.00                                | 9.00                  | 139.00                              |
|         | 03/11/05    | 3770.91                                  | 62.18                                   | 67.69                                     | 3708.07                                | 5.51               | 8.00                           | 147.00                            | 0.00                            | 0.00                                | 8.00                  | 147.00                              |
|         | 03/18/05    | 3770.91                                  | 62.04                                   | 69.69                                     | 3707.95                                | 7.65               | 8.00                           | 155.00                            | 0.00                            | 0.00                                | 8.00                  | 155.00                              |
|         | 04/01/05    | 3770.91                                  | 62.08                                   | 69.79                                     | 3707.90                                | 7.71               | 8.00                           | 163.00                            | 0.00                            | 0.00                                | 8.00                  | 163.00                              |
|         | 04/07/05    | 3770.91                                  | 62.08                                   | 69.74                                     | 3707.91                                | 7.66               | 8.00                           | 171.00                            | 0.00                            | 0.00                                | 8.00                  | 171.00                              |
|         | 05/18/05    | 3770.91                                  | 62.16                                   | 69.89                                     | 3707.82                                | 7.73               | 7.50                           | 178.50                            | 0.50                            | 0.50                                | 8.00                  | 179.00                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-2    | 05/23/05    | 3770.91                                  | 62.19                                   | 69.90                                     | 3707.79                                | 7.71               | 12.00                          | 190.50                            | 0.00                            | 0.50                                | 12.00                 | 191.00                              |
|         | 05/26/05    | 3770.91                                  | 62.24                                   | 69.80                                     | 3707.76                                | 7.56               | 10.50                          | 201.00                            | 0.25                            | 0.75                                | 10.75                 | 201.75                              |
|         | 06/01/05    | 3770.91                                  | 62.21                                   | 69.91                                     | 3707.78                                | 7.70               | 7.50                           | 208.50                            | 0.00                            | 0.75                                | 7.50                  | 209.25                              |
|         | 06/03/05    | 3770.91                                  | 62.30                                   | 69.50                                     | 3707.75                                | 7.20               | 7.00                           | 215.50                            | 0.25                            | 1.00                                | 7.25                  | 216.50                              |
|         | 06/07/05    | 3770.91                                  | 62.24                                   | 69.91                                     | 3707.75                                | 7.67               | 8.00                           | 223.50                            | 0.25                            | 1.25                                | 8.25                  | 224.75                              |
|         | 06/10/05    | 3770.91                                  | 62.26                                   | 69.81                                     | 3707.74                                | 7.55               | 9.00                           | 232.50                            | 0.25                            | 1.50                                | 9.25                  | 234.00                              |
|         | 06/13/05    | 3770.91                                  | 62.26                                   | 69.90                                     | 3707.73                                | 7.64               | 8.00                           | 240.50                            | 0.50                            | 2.00                                | 8.50                  | 242.50                              |
|         | 06/16/05    | 3770.91                                  | 62.28                                   | 69.80                                     | 3707.73                                | 7.52               | 7.00                           | 247.50                            | 0.50                            | 2.50                                | 7.50                  | 250.00                              |
|         | 06/20/05    | 3770.91                                  | 62.29                                   | 69.95                                     | 3707.70                                | 7.66               | 6.00                           | 253.50                            | 0.25                            | 2.75                                | 6.25                  | 256.25                              |
|         | 06/22/05    | 3770.91                                  | 62.36                                   | 69.57                                     | 3707.68                                | 7.21               | 6.50                           | 260.00                            | 0.25                            | 3.00                                | 6.75                  | 263.00                              |
|         | 06/29/05    | 3770.91                                  | 62.28                                   | 69.96                                     | 3707.71                                | 7.68               | 7.00                           | 267.00                            | 0.50                            | 3.50                                | 7.50                  | 270.50                              |
|         | 07/01/05    | 3770.91                                  | 62.35                                   | 69.61                                     | 3707.69                                | 7.26               | 6.00                           | 273.00                            | 0.25                            | 3.75                                | 6.25                  | 276.75                              |
|         | 07/06/05    | 3770.91                                  | 62.31                                   | 69.99                                     | 3707.68                                | 7.68               | 8.00                           | 281.00                            | 0.25                            | 4.00                                | 8.25                  | 285.00                              |
|         | 07/08/05    | 3770.91                                  | 62.41                                   | 69.54                                     | 3707.64                                | 7.13               | 6.00                           | 287.00                            | 0.25                            | 4.25                                | 6.25                  | 291.25                              |
|         | 07/12/05    | 3770.91                                  | 62.33                                   | 70.29                                     | 3707.62                                | 7.96               | 6.00                           | 293.00                            | 0.25                            | 4.50                                | 6.25                  | 297.50                              |
|         | 07/14/05    | 3770.91                                  | 62.40                                   | 69.68                                     | 3707.64                                | 7.28               | 5.00                           | 298.00                            | 0.25                            | 4.75                                | 5.25                  | 302.75                              |
|         | 07/19/05    | 3770.91                                  | 62.35                                   | 70.04                                     | 3707.64                                | 7.69               | 6.00                           | 304.00                            | 0.25                            | 5.00                                | 6.25                  | 309.00                              |
|         | 07/21/05    | 3770.91                                  | 62.44                                   | 69.69                                     | 3707.60                                | 7.25               | 4.00                           | 308.00                            | 0.25                            | 5.25                                | 4.25                  | 313.25                              |
|         | 07/26/05    | 3770.91                                  | 62.38                                   | 70.02                                     | 3707.61                                | 7.64               | 5.00                           | 313.00                            | 0.25                            | 5.50                                | 5.25                  | 318.50                              |
|         | 07/28/05    | 3770.91                                  | 62.49                                   | 69.74                                     | 3707.55                                | 7.25               | 5.00                           | 318.00                            | 0.25                            | 5.75                                | 5.25                  | 323.75                              |
|         | 08/02/05    | 3770.91                                  | 62.40                                   | 70.03                                     | 3707.59                                | 7.63               | 4.00                           | 322.00                            | 0.25                            | 6.00                                | 4.25                  | 328.00                              |
|         | 08/04/05    | 3770.91                                  | 62.47                                   | 69.76                                     | 3707.57                                | 7.29               | 6.00                           | 328.00                            | 0.25                            | 6.25                                | 6.25                  | 334.25                              |
|         | 08/09/05    | 3770.91                                  | 62.41                                   | 70.05                                     | 3707.58                                | 7.64               | 5.00                           | 333.00                            | 0.25                            | 6.50                                | 5.25                  | 339.50                              |
|         | 08/11/05    | 3770.91                                  | 62.48                                   | 69.82                                     | 3707.55                                | 7.34               | 6.00                           | 339.00                            | 0.25                            | 6.75                                | 6.25                  | 345.75                              |
|         | 08/16/05    | 3770.91                                  | 62.45                                   | 70.09                                     | 3707.54                                | 7.64               | 4.00                           | 343.00                            | 0.25                            | 7.00                                | 4.25                  | 350.00                              |
|         | 08/18/05    | 3770.91                                  | 62.50                                   | 69.85                                     | 3707.53                                | 7.35               | 5.00                           | 348.00                            | 0.25                            | 7.25                                | 5.25                  | 355.25                              |
|         | 08/24/05    | 3770.91                                  | 62.41                                   | 70.11                                     | 3707.58                                | 7.70               | 6.00                           | 354.00                            | 0.25                            | 7.50                                | 6.25                  | 361.50                              |
|         | 08/26/05    | 3770.91                                  | 62.51                                   | 69.99                                     | 3707.51                                | 7.38               | 6.00                           | 360.00                            | 0.25                            | 7.75                                | 6.25                  | 367.75                              |
|         | 08/30/05    | 3770.91                                  | 62.46                                   | 70.08                                     | 3707.54                                | 7.62               | 6.00                           | 366.00                            | 0.25                            | 8.00                                | 6.25                  | 374.00                              |
|         | 09/01/05    | 3770.91                                  | 62.52                                   | 69.83                                     | 3707.51                                | 7.31               | 5.00                           | 371.00                            | 0.25                            | 8.25                                | 5.25                  | 379.25                              |
|         | 09/06/05    | 3770.91                                  | 62.47                                   | 70.08                                     | 3707.53                                | 7.61               | 5.00                           | 376.00                            | 0.25                            | 8.50                                | 5.25                  | 384.50                              |
|         | 09/08/05    | 3770.91                                  | 62.51                                   | 69.81                                     | 3707.52                                | 7.30               | 6.00                           | 382.00                            | 0.25                            | 8.75                                | 6.25                  | 390.75                              |
|         | 09/13/05    | 3770.91                                  | 62.48                                   | 70.07                                     | 3707.52                                | 7.59               | 6.00                           | 388.00                            | 0.25                            | 9.00                                | 6.25                  | 397.00                              |
|         | 09/16/05    | 3770.91                                  | 62.51                                   | 70.04                                     | 3707.50                                | 7.53               | 6.00                           | 394.00                            | 0.25                            | 9.25                                | 6.25                  | 403.25                              |
|         | 09/20/05    | 3770.91                                  | 62.50                                   | 70.09                                     | 3707.50                                | 7.59               | 7.00                           | 401.00                            | 0.25                            | 9.50                                | 7.25                  | 410.50                              |
|         | 09/23/05    | 3770.91                                  | 62.53                                   | 70.03                                     | 3707.48                                | 7.50               | 6.00                           | 407.00                            | 0.25                            | 9.75                                | 6.25                  | 416.75                              |
|         | 09/27/05    | 3770.91                                  | 62.50                                   | 70.15                                     | 3707.49                                | 7.65               | 7.00                           | 414.00                            | 0.25                            | 10.00                               | 7.25                  | 424.00                              |
|         | 09/29/05    | 3770.91                                  | 62.56                                   | 69.94                                     | 3707.46                                | 7.38               | 7.00                           | 421.00                            | 0.25                            | 10.25                               | 7.25                  | 431.25                              |
|         | 10/04/05    | 3770.91                                  | 62.52                                   | 70.12                                     | 3707.48                                | 7.60               | 7.00                           | 428.00                            | 0.25                            | 10.50                               | 7.25                  | 438.50                              |
|         | 10/06/05    | 3770.91                                  | 62.61                                   | 69.98                                     | 3707.42                                | 7.37               | 7.00                           | 435.00                            | 0.25                            | 10.75                               | 7.25                  | 445.75                              |
|         | 10/11/05    | 3770.91                                  | 62.53                                   | 70.14                                     | 3707.47                                | 7.61               | 6.00                           | 441.00                            | 0.25                            | 11.00                               | 6.25                  | 452.00                              |
|         | 10/13/05    | 3770.91                                  | 62.55                                   | 70.08                                     | 3707.46                                | 7.53               | 6.00                           | 447.00                            | 0.25                            | 11.25                               | 6.25                  | 458.25                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-2    |             |                                          |                                         |                                           |                                        |                    |                                |                                   |                                 |                                     |                       |                                     |
|         | 10/18/05    | 3770.91                                  | 62.56                                   | 70.18                                     | 3707.44                                | 7.62               | 6.00                           | 453.00                            | 0.50                            | 11.75                               | 6.50                  | 464.75                              |
|         | 10/21/05    | 3770.91                                  | 62.58                                   | 70.17                                     | 3707.42                                | 7.59               | 7.00                           | 460.00                            | 0.25                            | 12.00                               | 7.25                  | 472.00                              |
|         | 10/26/05    | 3770.91                                  | 62.57                                   | 70.20                                     | 3707.42                                | 7.63               | 8.00                           | 468.00                            | 0.25                            | 12.25                               | 8.25                  | 480.25                              |
|         | 10/28/05    | 3770.91                                  | 62.61                                   | 70.07                                     | 3707.40                                | 7.46               | 6.00                           | 474.00                            | 0.25                            | 12.50                               | 6.25                  | 486.50                              |
|         | 11/01/05    | 3770.91                                  | 62.59                                   | 70.21                                     | 3707.41                                | 7.62               | 5.00                           | 479.00                            | 0.25                            | 12.75                               | 5.25                  | 491.75                              |
|         | 11/04/05    | 3770.91                                  | 62.60                                   | 70.20                                     | 3707.40                                | 7.60               | 9.00                           | 488.00                            | 0.25                            | 13.00                               | 9.25                  | 501.00                              |
|         | 11/09/05    | 3770.91                                  | 62.64                                   | 70.28                                     | 3707.35                                | 7.64               | 6.00                           | 494.00                            | 0.25                            | 13.25                               | 6.25                  | 507.25                              |
|         | 11/11/05    | 3770.91                                  | 62.64                                   | 70.29                                     | 3707.35                                | 7.65               | 6.00                           | 500.00                            | 0.25                            | 13.50                               | 6.25                  | 513.50                              |
|         | 11/16/05    | 3770.91                                  | 62.63                                   | 70.27                                     | 3707.36                                | 7.64               | 7.00                           | 507.00                            | 0.25                            | 13.75                               | 7.25                  | 520.75                              |
|         | 11/18/05    | 3770.91                                  | 62.68                                   | 70.17                                     | 3707.33                                | 7.49               | 7.00                           | 514.00                            | 0.50                            | 14.25                               | 7.50                  | 528.25                              |
|         | 11/22/05    | 3770.91                                  | 62.65                                   | 70.29                                     | 3707.34                                | 7.64               | 6.00                           | 520.00                            | 0.25                            | 14.50                               | 6.25                  | 534.50                              |
|         | 11/30/05    | 3770.91                                  | 62.66                                   | 70.33                                     | 3707.33                                | 7.67               | 7.00                           | 527.00                            | 0.25                            | 14.75                               | 7.25                  | 541.75                              |
|         | 12/02/05    | 3770.91                                  | 62.71                                   | 70.22                                     | 3707.30                                | 7.51               | 7.00                           | 534.00                            | 0.25                            | 15.00                               | 7.25                  | 549.00                              |
|         | 12/06/05    | 3770.91                                  | 62.70                                   | 70.36                                     | 3707.29                                | 7.66               | 8.00                           | 542.00                            | 0.25                            | 15.25                               | 8.25                  | 557.25                              |
|         | 12/14/05    | 3770.91                                  | 62.72                                   | 70.39                                     | 3707.27                                | 7.67               | 7.00                           | 549.00                            | 0.25                            | 15.50                               | 7.25                  | 564.50                              |
|         | 12/16/05    | 3770.91                                  | 62.73                                   | 70.38                                     | 3707.26                                | 7.65               | 6.00                           | 555.00                            | 0.25                            | 15.75                               | 6.25                  | 570.75                              |
|         | 12/21/05    | 3770.91                                  | 62.75                                   | 70.25                                     | 3707.26                                | 7.50               | 6.00                           | 561.00                            | 0.25                            | 16.00                               | 6.25                  | 577.00                              |
|         | 12/23/05    | 3770.91                                  | 62.78                                   | 70.23                                     | 3707.24                                | 7.45               | 6.00                           | 567.00                            | 0.50                            | 16.50                               | 6.50                  | 583.50                              |
|         | 12/27/05    | 3770.91                                  | 62.75                                   | 70.39                                     | 3707.24                                | 7.64               | 6.00                           | 573.00                            | 0.25                            | 16.75                               | 6.25                  | 589.75                              |
|         | 12/30/05    | 3770.91                                  | 62.78                                   | 70.39                                     | 3707.22                                | 7.61               | 6.00                           | 579.00                            | 0.25                            | 17.00                               | 6.25                  | 596.00                              |
|         | 01/03/06    | 3770.91                                  | 62.76                                   | 70.39                                     | 3707.23                                | 7.63               | 6.00                           | 585.00                            | 0.25                            | 17.25                               | 6.25                  | 602.25                              |
|         | 01/05/06    | 3770.91                                  | 62.80                                   | 70.34                                     | 3707.21                                | 7.54               | 5.00                           | 590.00                            | 0.25                            | 17.50                               | 5.25                  | 607.50                              |
|         | 01/11/06    | 3770.91                                  | 62.81                                   | 70.44                                     | 3707.18                                | 7.63               | 6.00                           | 596.00                            | 0.25                            | 17.75                               | 6.25                  | 613.75                              |
|         | 01/13/06    | 3770.91                                  | 62.83                                   | 70.37                                     | 3707.18                                | 7.54               | 6.00                           | 602.00                            | 0.25                            | 18.00                               | 6.25                  | 620.00                              |
|         | 01/18/06    | 3770.91                                  | 62.80                                   | 70.43                                     | 3707.19                                | 7.63               | 5.00                           | 607.00                            | 0.25                            | 18.25                               | 5.25                  | 625.25                              |
|         | 01/20/06    | 3770.91                                  | 62.85                                   | 70.36                                     | 3707.16                                | 7.51               | 7.00                           | 614.00                            | 0.25                            | 18.50                               | 7.25                  | 632.50                              |
|         | 01/24/06    | 3770.91                                  | 62.85                                   | 72.50                                     | 3706.90                                | 9.65               | 6.00                           | 620.00                            | 0.25                            | 18.75                               | 6.25                  | 638.75                              |
|         | 01/26/06    | 3770.91                                  | 62.80                                   | 72.43                                     | 3706.95                                | 9.63               | 6.00                           | 626.00                            | 0.25                            | 19.00                               | 6.25                  | 645.00                              |
|         | 02/02/06    | 3770.91                                  | 62.82                                   | 70.51                                     | 3707.17                                | 7.69               | 0.00                           | 626.00                            | 0.00                            | 19.00                               | 0.00                  | 645.00                              |
|         | 02/08/06    | 3770.91                                  | 62.85                                   | 70.50                                     | 3707.14                                | 7.65               | 6.00                           | 632.00                            | 0.25                            | 19.25                               | 6.25                  | 651.25                              |
|         | 02/10/06    | 3770.91                                  | 62.81                                   | 70.48                                     | 3707.18                                | 7.67               | 6.00                           | 638.00                            | 0.25                            | 19.50                               | 6.25                  | 657.50                              |
|         | 02/14/06    | 3770.91                                  | 62.87                                   | 70.55                                     | 3707.12                                | 7.68               | 8.00                           | 646.00                            | 0.25                            | 19.75                               | 8.25                  | 665.75                              |
|         | 02/16/06    | 3770.91                                  | 62.91                                   | 70.46                                     | 3707.09                                | 7.55               | 9.00                           | 655.00                            | 0.25                            | 20.00                               | 9.25                  | 675.00                              |
|         | 02/21/06    | 3770.91                                  | 62.95                                   | 70.51                                     | 3707.05                                | 7.56               | 9.00                           | 664.00                            | 0.25                            | 20.25                               | 9.25                  | 684.25                              |
|         | 02/24/06    | 3770.91                                  | 62.92                                   | 70.54                                     | 3707.08                                | 7.62               | 8.50                           | 672.50                            | 1.00                            | 21.25                               | 9.50                  | 693.75                              |
|         | 02/28/06    | 3770.91                                  | 62.90                                   | 72.50                                     | 3706.86                                | 9.60               | 0.00                           | 672.50                            | 0.00                            | 21.25                               | 0.00                  | 693.75                              |
|         | 03/03/06    | 3770.91                                  | 62.92                                   | 69.60                                     | 3707.19                                | 6.68               | 0.00                           | 672.50                            | 0.00                            | 21.25                               | 0.00                  | 693.75                              |
|         | 03/06/06    | 3770.91                                  | 62.93                                   | 70.57                                     | 3707.06                                | 7.64               | 6.00                           | 678.50                            | 0.75                            | 22.00                               | 6.75                  | 700.50                              |
|         | 03/08/06    | 3770.91                                  | 62.95                                   | 69.52                                     | 3707.17                                | 6.57               | 5.00                           | 683.50                            | 1.00                            | 23.00                               | 6.00                  | 706.50                              |
|         | 03/15/06    | 3770.91                                  | 62.97                                   | 70.63                                     | 3707.02                                | 7.66               | 5.00                           | 688.50                            | 0.25                            | 23.25                               | 5.25                  | 711.75                              |
|         | 03/17/06    | 3770.91                                  | 63.00                                   | 70.54                                     | 3707.01                                | 7.54               | 5.00                           | 693.50                            | 0.25                            | 23.50                               | 5.25                  | 717.00                              |
|         | 03/21/06    | 3770.91                                  | 62.90                                   | 70.60                                     | 3707.09                                | 7.70               | 6.50                           | 700.00                            | 0.25                            | 23.75                               | 6.75                  | 723.75                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-2    | 03/23/06    | 3770.91                                  | 62.90                                   | 70.40                                     | 3707.11                                | 7.30               | 4.50                           | 704.50                            | 0.50                            | 24.25                               | 5.00                  | 728.75                              |
|         | 03/28/06    | 3770.91                                  | 63.30                                   | 70.60                                     | 3707.73                                | 7.30               | 4.00                           | 708.50                            | 0.50                            | 24.75                               | 4.50                  | 733.25                              |
|         | 03/30/06    | 3770.91                                  | 63.03                                   | 70.60                                     | 3706.97                                | 7.57               | 4.50                           | 713.00                            | 0.50                            | 25.25                               | 5.00                  | 738.25                              |
|         | 04/04/06    | 3770.91                                  | 63.01                                   | 70.65                                     | 3706.98                                | 7.64               | 5.00                           | 718.00                            | 0.50                            | 25.75                               | 5.50                  | 743.75                              |
|         | 04/07/06    | 3770.91                                  | 63.05                                   | 70.65                                     | 3706.95                                | 7.60               | 5.00                           | 723.00                            | 0.50                            | 26.25                               | 5.50                  | 749.25                              |
|         | 04/12/06    | 3770.91                                  | 63.02                                   | 70.29                                     | 3707.02                                | 7.27               | 5.50                           | 728.50                            | 0.50                            | 26.75                               | 6.00                  | 755.25                              |
|         | 04/14/06    | 3770.91                                  | 63.06                                   | 70.60                                     | 3706.95                                | 7.54               | 5.00                           | 733.50                            | 0.25                            | 27.00                               | 5.25                  | 760.50                              |
|         | 04/18/06    | 3770.91                                  | 63.01                                   | 70.61                                     | 3706.99                                | 7.60               | 5.50                           | 739.00                            | 0.50                            | 27.50                               | 6.00                  | 766.50                              |
|         | 04/21/06    | 3770.91                                  | 63.08                                   | 70.66                                     | 3706.92                                | 7.58               | 5.50                           | 744.50                            | 0.50                            | 28.00                               | 6.00                  | 772.50                              |
|         | 04/26/06    | 3770.91                                  | 63.03                                   | 70.62                                     | 3706.97                                | 7.59               | 7.00                           | 751.50                            | 0.50                            | 28.50                               | 7.50                  | 780.00                              |
|         | 04/28/06    | 3770.91                                  | 63.07                                   | 70.60                                     | 3706.94                                | 7.53               | 7.00                           | 758.50                            | 0.50                            | 29.00                               | 7.50                  | 787.50                              |
|         | 05/04/06    | 3770.91                                  | 63.08                                   | 70.68                                     | 3706.92                                | 7.60               | 6.25                           | 764.75                            | 0.50                            | 29.50                               | 6.75                  | 794.25                              |
|         | 05/05/06    | 3770.91                                  | 63.10                                   | 70.69                                     | 3706.90                                | 7.59               | 6.50                           | 771.25                            | 0.50                            | 30.00                               | 7.00                  | 801.25                              |
|         | 05/10/06    | 3770.91                                  | 63.13                                   | 70.74                                     | 3706.87                                | 7.61               | 6.50                           | 777.75                            | 0.50                            | 30.50                               | 7.00                  | 808.25                              |
|         | 05/12/06    | 3770.91                                  | 63.13                                   | 70.67                                     | 3706.88                                | 7.54               | 7.50                           | 785.25                            | 1.00                            | 31.50                               | 8.50                  | 816.75                              |
|         | 05/16/06    | 3770.91                                  | 63.46                                   | 70.71                                     | 3706.86                                | 7.57               | 6.00                           | 791.25                            | 0.75                            | 32.25                               | 6.75                  | 823.50                              |
|         | 05/18/06    | 3770.91                                  | 63.14                                   | 70.69                                     | 3706.86                                | 7.55               | 6.50                           | 797.75                            | 0.50                            | 32.75                               | 7.00                  | 830.50                              |
|         | 05/23/06    | 3770.91                                  | 63.14                                   | 70.73                                     | 3706.86                                | 7.59               | 5.75                           | 803.50                            | 0.50                            | 33.25                               | 6.25                  | 836.75                              |
|         | 05/26/06    | 3770.91                                  | 63.15                                   | 70.73                                     | 3706.85                                | 7.58               | 5.50                           | 809.00                            | 0.50                            | 33.75                               | 6.00                  | 842.75                              |
|         | 05/30/06    | 3770.91                                  | 63.16                                   | 70.37                                     | 3707.18                                | 7.55               | 6.50                           | 815.50                            | 0.50                            | 34.25                               | 7.00                  | 849.75                              |
|         | 06/01/06    | 3770.91                                  | 63.18                                   | 70.74                                     | 3706.82                                | 7.56               | 6.25                           | 821.75                            | 0.50                            | 34.75                               | 6.75                  | 856.50                              |
|         | 06/06/06    | 3770.91                                  | 63.17                                   | 70.28                                     | 3706.79                                | 7.00               | 0.00                           | 821.75                            | 0.00                            | 34.75                               | 0.00                  | 856.50                              |
|         | 06/09/06    | 3770.91                                  | 63.16                                   | 70.77                                     | 3706.84                                | 7.61               | 6.75                           | 828.50                            | 0.25                            | 35.00                               | 7.00                  | 863.50                              |
|         | 06/13/06    | 3770.91                                  | 63.19                                   | 70.80                                     | 3706.81                                | 7.61               | 7.20                           | 835.70                            | 0.20                            | 35.20                               | 7.40                  | 870.90                              |
|         | 06/16/06    | 3770.91                                  | 63.20                                   | 70.77                                     | 3706.80                                | 7.57               | 6.25                           | 841.95                            | 0.50                            | 35.70                               | 6.75                  | 877.65                              |
|         | 06/20/06    | 3770.91                                  | 63.20                                   | 70.77                                     | 3706.80                                | 7.57               | 8.00                           | 849.95                            | 0.50                            | 36.20                               | 8.50                  | 886.15                              |
|         | 06/23/06    | 3770.91                                  | 63.19                                   | 70.79                                     | 3706.81                                | 7.60               | 5.00                           | 854.95                            | 1.00                            | 37.20                               | 6.00                  | 892.15                              |
|         | 06/27/06    | 3770.91                                  | 63.22                                   | 70.81                                     | 3706.78                                | 7.59               | 6.00                           | 860.95                            | 1.00                            | 38.20                               | 7.00                  | 899.15                              |
|         | 06/30/06    | 3770.91                                  | 63.21                                   | 70.78                                     | 3706.79                                | 7.57               | 6.00                           | 866.95                            | 1.00                            | 39.20                               | 7.00                  | 906.15                              |
|         | 07/05/06    | 3770.91                                  | 63.22                                   | 70.80                                     | 3706.78                                | 7.58               | 6.00                           | 872.95                            | 1.00                            | 40.20                               | 7.00                  | 913.15                              |
|         | 07/07/06    | 3770.91                                  | 63.26                                   | 70.77                                     | 3706.75                                | 7.51               | 7.50                           | 880.45                            | 0.50                            | 40.70                               | 8.00                  | 921.15                              |
|         | 07/11/06    | 3770.91                                  | 63.25                                   | 70.81                                     | 3706.75                                | 7.56               | 6.50                           | 886.95                            | 1.00                            | 41.70                               | 7.50                  | 928.65                              |
|         | 07/13/06    | 3770.91                                  | 63.27                                   | 70.75                                     | 3706.74                                | 7.48               | 6.00                           | 892.95                            | 1.00                            | 42.70                               | 7.00                  | 935.65                              |
|         | 07/18/06    | 3770.91                                  | 63.28                                   | 70.84                                     | 3706.72                                | 7.56               | 5.00                           | 897.95                            | 1.00                            | 43.70                               | 6.00                  | 941.65                              |
|         | 07/21/06    | 3770.91                                  | 63.28                                   | 70.80                                     | 3706.73                                | 7.52               | 6.00                           | 903.95                            | 0.50                            | 44.20                               | 6.50                  | 948.15                              |
|         | 07/25/06    | 3770.91                                  | 63.30                                   | 70.84                                     | 3706.71                                | 7.54               | 6.50                           | 910.45                            | 1.00                            | 45.20                               | 7.50                  | 955.65                              |
|         | 07/27/06    | 3770.91                                  | 63.30                                   | 70.84                                     | 3706.67                                | 7.50               | 6.50                           | 916.95                            | 0.50                            | 45.70                               | 7.00                  | 962.65                              |
|         | 08/01/06    | 3770.91                                  | 63.33                                   | 70.87                                     | 3706.68                                | 7.54               | 6.25                           | 923.20                            | 0.75                            | 46.45                               | 7.00                  | 969.65                              |
|         | 08/03/06    | 3770.91                                  | 63.34                                   | 70.84                                     | 3706.67                                | 7.50               | 4.00                           | 927.20                            | 1.25                            | 47.70                               | 5.25                  | 974.90                              |
|         | 08/09/06    | 3770.91                                  | 63.35                                   | 70.89                                     | 3706.66                                | 7.54               | 5.00                           | 932.20                            | 1.00                            | 48.70                               | 6.00                  | 980.90                              |
|         | 08/11/06    | 3770.91                                  | 63.35                                   | 70.83                                     | 3706.66                                | 7.48               | 6.50                           | 938.70                            | 0.50                            | 49.20                               | 7.00                  | 987.90                              |
|         | 08/15/06    | 3770.91                                  | 63.38                                   | 70.91                                     | 3706.63                                | 7.53               | 6.00                           | 944.70                            | 1.25                            | 50.45                               | 7.25                  | 995.15                              |

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Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-2    | 08/18/06    | 3770.91                                  | 63.38                                   | 70.90                                     | 3706.63                                | 7.52               | 5.00                           | 949.70                            | 1.50                            | 51.95                               | 6.50                  | 1001.65                             |
|         | 08/25/06    | 3770.91                                  | 63.40                                   | 70.95                                     | 3706.60                                | 7.55               | 6.50                           | 956.20                            | 0.50                            | 52.45                               | 7.00                  | 1008.65                             |
|         | 08/30/06    | 3770.91                                  | 62.44                                   | 71.40                                     | 3707.57                                | 9.16               | 3.50                           | 959.70                            | 1.00                            | 53.45                               | 4.50                  | 1013.15                             |
|         | 09/12/06    | 3770.91                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 959.70                            | 0.00                            | 53.45                               | 0.00                  | 1013.15                             |
|         | 09/15/06    | 3770.91                                  | 63.40                                   | 70.98                                     | 3706.60                                | 7.58               | 2.00                           | 961.70                            | 1.00                            | 54.45                               | 3.00                  | 1016.15                             |
|         | 09/20/06    | 3770.91                                  | 63.43                                   | 71.01                                     | 3706.57                                | 7.58               | 6.00                           | 967.70                            | 1.00                            | 55.45                               | 7.00                  | 1023.15                             |
|         | 09/29/06    | 3770.91                                  | 63.45                                   | 71.00                                     | 3706.55                                | 7.55               | 0.00                           | 967.70                            | 0.00                            | 55.45                               | 0.00                  | 1023.15                             |
|         | 10/04/06    | 3770.91                                  | 63.46                                   | 71.02                                     | 3706.54                                | 7.56               | 6.50                           | 974.20                            | 1.00                            | 56.45                               | 7.50                  | 1030.65                             |
|         | 10/06/06    | 3770.91                                  | 63.49                                   | 71.97                                     | 3706.40                                | 8.48               | 7.00                           | 981.20                            | 0.25                            | 56.70                               | 7.25                  | 1037.90                             |
|         | 10/12/06    | 3770.91                                  | 63.49                                   | 71.05                                     | 3706.51                                | 7.56               | 5.50                           | 986.70                            | 0.25                            | 56.95                               | 5.75                  | 1043.65                             |
|         | 10/17/06    | 3770.91                                  | 63.52                                   | 71.07                                     | 3706.48                                | 7.55               | 5.50                           | 992.20                            | 0.25                            | 57.20                               | 5.75                  | 1049.40                             |
|         | 10/20/06    | 3770.91                                  | 63.51                                   | 71.07                                     | 3706.49                                | 7.56               | 0.00                           | 992.20                            | 0.00                            | 57.20                               | 0.00                  | 1049.40                             |
|         | 10/24/06    | 3770.91                                  | 63.48                                   | 71.07                                     | 3706.52                                | 7.59               | 0.00                           | 992.20                            | 0.00                            | 57.20                               | 0.00                  | 1049.40                             |
|         | 10/26/06    | 3770.91                                  | 63.59                                   | 71.07                                     | 3706.42                                | 7.48               | 0.00                           | 992.20                            | 0.00                            | 57.20                               | 0.00                  | 1049.40                             |
|         | 11/22/06    | 3770.91                                  | 63.60                                   | 71.19                                     | 3706.40                                | 7.59               | 6.00                           | 998.20                            | 0.25                            | 57.45                               | 6.25                  | 1055.65                             |
|         | 11/28/06    | 3770.91                                  | 63.62                                   | 71.20                                     | 3706.38                                | 7.58               | 0.00                           | 998.20                            | 0.00                            | 57.45                               | 0.00                  | 1055.65                             |
| MW-3    | 12/06/06    | 3770.91                                  | 63.71                                   | 71.28                                     | 3706.29                                | 7.57               | 6.00                           | 1004.20                           | 0.50                            | 57.95                               | 6.50                  | 1062.15                             |
|         | 12/08/06    | 3770.91                                  | 63.68                                   | 71.05                                     | 3706.52                                | 7.57               | 6.50                           | 1010.70                           | 0.25                            | 58.20                               | 6.75                  | 1068.90                             |
|         | 12/12/06    | 3770.91                                  | 63.68                                   | 71.26                                     | 3706.32                                | 7.58               | 6.00                           | 1016.70                           | 0.25                            | 58.45                               | 6.25                  | 1075.15                             |
|         | 12/15/06    | 3770.91                                  | 63.62                                   | 71.07                                     | 3706.40                                | 7.45               | 6.50                           | 1023.20                           | 0.25                            | 58.70                               | 6.75                  | 1081.90                             |
|         | 12/20/06    | 3770.91                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 1023.20                           | 0.00                            | 58.70                               | 0.00                  | 1081.90                             |
|         | 12/22/06    | 3770.91                                  | 63.72                                   | 71.25                                     | 3706.29                                | 7.53               | 0.00                           | 1023.20                           | 0.00                            | 58.70                               | 0.00                  | 1081.90                             |
|         | 12/27/06    | 3770.91                                  | 63.78                                   | 71.29                                     | 3706.23                                | 7.51               | 0.00                           | 1023.20                           | 0.00                            | 58.70                               | 0.00                  | 1081.90                             |
|         | 10/29/04    | 3769.96                                  | 62.90                                   | 72.15                                     | 3705.95                                | 9.25               | 7.00                           | 7.00                              | 0.00                            | 0.00                                | 7.00                  | 7.00                                |
|         | 11/04/04    | 3769.96                                  | 60.05                                   | 70.21                                     | 3708.69                                | 10.16              | 21.00                          | 28.00                             | 0.00                            | 0.00                                | 21.00                 | 28.00                               |
|         | 11/10/04    | 3769.96                                  | 60.19                                   | 70.25                                     | 3708.56                                | 10.06              | 9.00                           | 37.00                             | 0.00                            | 0.00                                | 9.00                  | 37.00                               |
|         | 11/17/04    | 3769.96                                  | 60.34                                   | 70.26                                     | 3708.43                                | 9.92               | 8.00                           | 45.00                             | 0.00                            | 0.00                                | 8.00                  | 45.00                               |
|         | 11/24/04    | 3769.96                                  | 60.50                                   | 70.26                                     | 3708.29                                | 9.76               | 8.00                           | 53.00                             | 0.00                            | 0.00                                | 8.00                  | 53.00                               |
|         | 12/02/04    | 3769.96                                  | 60.52                                   | 70.10                                     | 3708.29                                | 9.58               | 8.00                           | 61.00                             | 0.00                            | 0.00                                | 8.00                  | 61.00                               |
|         | 12/08/04    | 3769.96                                  | 60.48                                   | 70.02                                     | 3708.34                                | 9.54               | 7.00                           | 68.00                             | 0.00                            | 0.00                                | 7.00                  | 68.00                               |
|         | 12/15/04    | 3769.96                                  | 60.68                                   | 70.22                                     | 3708.14                                | 9.54               | 8.00                           | 76.00                             | 0.00                            | 0.00                                | 8.00                  | 76.00                               |
|         | 12/27/04    | 3769.96                                  | 60.81                                   | 70.39                                     | 3708.00                                | 9.58               | 8.00                           | 84.00                             | 0.00                            | 0.00                                | 8.00                  | 84.00                               |
|         | 12/29/04    | 3769.96                                  | 60.78                                   | 70.39                                     | 3708.03                                | 9.61               | 8.00                           | 92.00                             | 0.00                            | 0.00                                | 8.00                  | 92.00                               |
|         | 01/06/05    | 3769.96                                  | 60.91                                   | 70.40                                     | 3707.91                                | 9.49               | 9.00                           | 101.00                            | 0.00                            | 0.00                                | 9.00                  | 101.00                              |
|         | 01/13/05    | 3769.96                                  | 61.04                                   | 70.46                                     | 3707.79                                | 9.42               | 9.00                           | 110.00                            | 0.00                            | 0.00                                | 9.00                  | 110.00                              |
|         | 01/19/05    | 3769.96                                  | 61.04                                   | 70.46                                     | 3707.79                                | 9.42               | 9.00                           | 119.00                            | 0.00                            | 0.00                                | 9.00                  | 119.00                              |
|         | 01/26/05    | 3769.96                                  | 61.11                                   | 70.56                                     | 3707.72                                | 9.45               | 9.00                           | 128.00                            | 0.00                            | 0.00                                | 9.00                  | 128.00                              |
|         | 02/02/05    | 3769.96                                  | 61.17                                   | 70.58                                     | 3707.66                                | 9.41               | 7.00                           | 135.00                            | 0.00                            | 0.00                                | 7.00                  | 135.00                              |
|         | 02/09/05    | 3769.96                                  | 61.28                                   | 70.55                                     | 3707.57                                | 9.27               | 8.00                           | 143.00                            | 0.00                            | 0.00                                | 8.00                  | 143.00                              |
|         | 02/16/05    | 3769.96                                  | 61.19                                   | 70.54                                     | 3707.65                                | 9.35               | 8.00                           | 151.00                            | 0.00                            | 0.00                                | 8.00                  | 151.00                              |
|         | 02/24/05    | 3769.96                                  | 61.21                                   | 70.55                                     | 3707.63                                | 9.34               | 8.00                           | 159.00                            | 0.00                            | 0.00                                | 8.00                  | 159.00                              |
|         | 03/03/05    | 3769.96                                  | 61.21                                   | 70.57                                     | 3707.63                                | 9.36               | 8.00                           | 167.00                            | 0.00                            | 0.00                                | 8.00                  | 167.00                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing<br>Elevation (Feet)* | Depth to PSH<br>Below Top of<br>Casing (Feet) | Depth to Water<br>Below Top of<br>Casing (Feet) | Adjusted<br>Potentiometric<br>Surface(Feet)* | PSH<br>THICKNESS<br>(ft) | PSH Volume<br>Recovered<br>(gallons) | PSH<br>Cumulative<br>Recovery<br>(gallons) | Water<br>Volume<br>Recovery<br>(gallons) | Water<br>Cumulative<br>Recovery<br>(gallons) | Total<br>Volume<br>Recovery | Total<br>Cumulative<br>Recovery<br>(gallons) |
|---------|-------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------|----------------------------------------------|--------------------------|--------------------------------------|--------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|
| MW-3    | 03/11/05    | 3769.96                                     | 61.19                                         | 70.45                                           | 3707.66                                      | 9.26                     | 10.00                                | 177.00                                     | 0.00                                     | 0.00                                         | 10.00                       | 177.00                                       |
|         | 03/18/05    | 3769.96                                     | 61.31                                         | 70.55                                           | 3707.54                                      | 9.24                     | 8.00                                 | 185.00                                     | 0.00                                     | 0.00                                         | 8.00                        | 185.00                                       |
|         | 04/01/05    | 3769.96                                     | 61.38                                         | 70.58                                           | 3707.48                                      | 9.20                     | 8.00                                 | 193.00                                     | 0.00                                     | 0.00                                         | 8.00                        | 193.00                                       |
|         | 04/07/05    | 3769.96                                     | 61.35                                         | 70.54                                           | 3707.51                                      | 9.19                     | 8.00                                 | 201.00                                     | 0.00                                     | 0.00                                         | 8.00                        | 201.00                                       |
|         | 05/18/05    | 3769.96                                     | 61.45                                         | 70.60                                           | 3707.41                                      | 9.15                     | 8.50                                 | 209.50                                     | 0.50                                     | 0.50                                         | 9.00                        | 210.00                                       |
|         | 05/23/05    | 3769.96                                     | 61.48                                         | 70.60                                           | 3707.38                                      | 9.11                     | 9.00                                 | 218.50                                     | 0.00                                     | 0.00                                         | 9.00                        | 219.00                                       |
|         | 05/26/05    | 3769.96                                     | 61.53                                         | 70.64                                           | 3707.34                                      | 9.11                     | 8.00                                 | 226.50                                     | 0.50                                     | 1.00                                         | 8.50                        | 227.50                                       |
|         | 06/01/05    | 3769.96                                     | 61.51                                         | 70.90                                           | 3707.32                                      | 9.39                     | 9.00                                 | 235.50                                     | 0.25                                     | 1.25                                         | 9.25                        | 236.75                                       |
|         | 06/03/05    | 3769.96                                     | 61.51                                         | 70.59                                           | 3707.36                                      | 9.08                     | 8.00                                 | 243.50                                     | 0.00                                     | 1.25                                         | 8.00                        | 244.75                                       |
|         | 06/07/05    | 3769.96                                     | 61.55                                         | 70.55                                           | 3707.32                                      | 9.10                     | 8.00                                 | 251.50                                     | 0.25                                     | 1.50                                         | 8.25                        | 253.00                                       |
|         | 06/10/05    | 3769.96                                     | 61.54                                         | 70.61                                           | 3707.33                                      | 9.07                     | 8.00                                 | 259.50                                     | 0.25                                     | 1.75                                         | 8.25                        | 261.25                                       |
|         | 06/13/05    | 3769.96                                     | 61.55                                         | 70.63                                           | 3707.32                                      | 9.08                     | 9.50                                 | 269.00                                     | 0.25                                     | 2.00                                         | 9.75                        | 271.00                                       |
|         | 06/16/05    | 3769.96                                     | 61.56                                         | 70.60                                           | 3707.32                                      | 9.04                     | 8.50                                 | 277.50                                     | 0.50                                     | 2.50                                         | 9.00                        | 280.00                                       |
|         | 06/20/05    | 3769.96                                     | 61.58                                         | 70.66                                           | 3707.29                                      | 9.08                     | 9.00                                 | 286.50                                     | 0.25                                     | 2.75                                         | 9.25                        | 289.25                                       |
|         | 06/22/05    | 3769.96                                     | 61.60                                         | 70.75                                           | 3707.26                                      | 9.15                     | 8.00                                 | 294.50                                     | 0.25                                     | 3.00                                         | 8.25                        | 297.50                                       |
|         | 06/29/05    | 3769.96                                     | 61.59                                         | 70.69                                           | 3707.28                                      | 9.10                     | 10.00                                | 304.50                                     | 0.50                                     | 3.50                                         | 10.50                       | 308.00                                       |
|         | 07/01/05    | 3769.96                                     | 61.62                                         | 70.74                                           | 3707.25                                      | 9.12                     | 10.00                                | 314.50                                     | 0.50                                     | 4.00                                         | 10.50                       | 318.50                                       |
|         | 07/06/05    | 3769.96                                     | 61.65                                         | 70.66                                           | 3707.23                                      | 9.01                     | 10.00                                | 324.50                                     | 0.00                                     | 4.00                                         | 10.00                       | 328.50                                       |
|         | 07/08/05    | 3769.96                                     | 61.63                                         | 70.64                                           | 3707.25                                      | 9.01                     | 8.00                                 | 332.50                                     | 0.25                                     | 4.25                                         | 8.25                        | 336.75                                       |
|         | 07/12/05    | 3769.96                                     | 61.65                                         | 70.85                                           | 3707.21                                      | 9.20                     | 9.00                                 | 341.50                                     | 0.25                                     | 4.50                                         | 9.25                        | 346.00                                       |
|         | 07/14/05    | 3769.96                                     | 61.64                                         | 70.87                                           | 3707.24                                      | 9.03                     | 9.00                                 | 350.50                                     | 0.25                                     | 4.75                                         | 9.25                        | 355.25                                       |
|         | 07/19/05    | 3769.96                                     | 61.65                                         | 70.71                                           | 3707.22                                      | 9.06                     | 9.00                                 | 359.50                                     | 0.25                                     | 5.00                                         | 9.25                        | 364.50                                       |
|         | 07/21/05    | 3769.96                                     | 61.68                                         | 70.74                                           | 3707.19                                      | 9.06                     | 9.00                                 | 368.50                                     | 0.25                                     | 5.25                                         | 9.25                        | 373.75                                       |
|         | 07/26/05    | 3769.96                                     | 61.69                                         | 70.73                                           | 3707.19                                      | 9.04                     | 9.00                                 | 377.50                                     | 0.25                                     | 5.50                                         | 9.25                        | 383.00                                       |
|         | 07/28/05    | 3769.96                                     | 61.70                                         | 70.71                                           | 3707.18                                      | 9.01                     | 10.00                                | 387.50                                     | 0.25                                     | 5.75                                         | 10.25                       | 393.25                                       |
|         | 08/02/05    | 3769.96                                     | 60.70                                         | 70.75                                           | 3708.05                                      | 10.05                    | 9.00                                 | 396.50                                     | 0.25                                     | 6.00                                         | 9.25                        | 402.50                                       |
|         | 08/04/05    | 3769.96                                     | 61.72                                         | 70.73                                           | 3707.16                                      | 9.01                     | 9.00                                 | 405.50                                     | 0.25                                     | 6.25                                         | 9.25                        | 411.75                                       |
|         | 08/09/05    | 3769.96                                     | 61.72                                         | 70.77                                           | 3707.15                                      | 9.05                     | 9.00                                 | 414.50                                     | 0.25                                     | 6.50                                         | 9.25                        | 421.00                                       |
|         | 08/11/05    | 3769.96                                     | 61.73                                         | 70.75                                           | 3707.15                                      | 9.02                     | 9.00                                 | 423.50                                     | 0.25                                     | 6.75                                         | 9.25                        | 430.25                                       |
|         | 08/16/05    | 3769.96                                     | 61.75                                         | 70.79                                           | 3707.13                                      | 9.04                     | 9.00                                 | 432.50                                     | 0.25                                     | 7.00                                         | 9.25                        | 439.50                                       |
|         | 08/18/05    | 3769.96                                     | 61.74                                         | 70.76                                           | 3707.14                                      | 9.02                     | 9.00                                 | 441.50                                     | 0.25                                     | 7.25                                         | 9.25                        | 448.75                                       |
|         | 08/24/05    | 3769.96                                     | 61.76                                         | 70.86                                           | 3707.11                                      | 9.10                     | 9.00                                 | 450.50                                     | 0.25                                     | 7.50                                         | 9.25                        | 458.00                                       |
|         | 08/26/05    | 3769.96                                     | 61.68                                         | 70.79                                           | 3707.19                                      | 9.11                     | 10.00                                | 460.50                                     | 0.25                                     | 7.75                                         | 10.25                       | 468.25                                       |
|         | 08/30/05    | 3769.96                                     | 61.74                                         | 70.77                                           | 3707.14                                      | 9.03                     | 8.00                                 | 468.50                                     | 0.25                                     | 8.00                                         | 8.25                        | 476.50                                       |
|         | 09/01/05    | 3769.96                                     | 61.66                                         | 70.76                                           | 3707.21                                      | 9.10                     | 9.00                                 | 477.50                                     | 0.25                                     | 8.25                                         | 9.25                        | 485.75                                       |
|         | 09/06/05    | 3769.96                                     | 61.75                                         | 70.81                                           | 3707.12                                      | 9.06                     | 9.00                                 | 486.50                                     | 0.25                                     | 8.50                                         | 9.25                        | 495.00                                       |
|         | 09/08/05    | 3769.96                                     | 61.76                                         | 70.79                                           | 3707.12                                      | 9.03                     | 9.00                                 | 495.50                                     | 0.25                                     | 8.75                                         | 9.25                        | 504.25                                       |
|         | 09/13/05    | 3769.96                                     | 61.76                                         | 70.83                                           | 3707.11                                      | 9.07                     | 9.00                                 | 504.50                                     | 0.25                                     | 9.00                                         | 9.25                        | 513.50                                       |
|         | 09/16/05    | 3769.96                                     | 61.79                                         | 70.85                                           | 3707.08                                      | 9.06                     | 9.00                                 | 513.50                                     | 0.25                                     | 9.25                                         | 9.25                        | 522.75                                       |
|         | 09/20/05    | 3769.96                                     | 61.81                                         | 70.80                                           | 3707.07                                      | 8.99                     | 9.00                                 | 522.50                                     | 0.25                                     | 9.50                                         | 9.25                        | 532.00                                       |
|         | 09/23/05    | 3769.96                                     | 61.82                                         | 70.88                                           | 3707.05                                      | 9.06                     | 9.00                                 | 531.50                                     | 0.25                                     | 9.75                                         | 9.25                        | 541.25                                       |
|         | 09/27/05    | 3769.96                                     | 61.80                                         | 70.88                                           | 3707.07                                      | 9.08                     | 9.00                                 | 540.50                                     | 0.25                                     | 10.00                                        | 9.25                        | 550.50                                       |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing<br>Elevation (Feet)* | Depth to PSH<br>Below Top of Casing (Feet) | Depth to Water<br>Below Top of Casing (Feet) | Adjusted<br>Potentiometric<br>Surface(Feet)* | PSH<br>THICKNESS<br>(ft) | PSH Volume<br>Recovered<br>(gallons) | PSH<br>Cumulative<br>Recovery<br>(gallons) | Water<br>Volume<br>Recovery<br>(gallons) | Water<br>Cumulative<br>Recovery<br>(gallons) | Total<br>Volume<br>Recovery | Total<br>Cumulative<br>Recovery<br>(gallons) |
|---------|-------------|---------------------------------------------|--------------------------------------------|----------------------------------------------|----------------------------------------------|--------------------------|--------------------------------------|--------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|
| MW-3    | 09/29/05    | 3769.96                                     | 61.81                                      | 70.86                                        | 3707.06                                      | 9.05                     | 9.00                                 | 549.50                                     | 0.25                                     | 10.25                                        | 9.25                        | 559.75                                       |
|         | 10/04/05    | 3769.96                                     | 61.81                                      | 70.83                                        | 3707.07                                      | 9.02                     | 9.00                                 | 558.50                                     | 0.25                                     | 10.50                                        | 9.25                        | 569.00                                       |
|         | 10/06/05    | 3769.96                                     | 61.87                                      | 70.91                                        | 3707.01                                      | 9.04                     | 9.00                                 | 567.50                                     | 0.25                                     | 10.75                                        | 9.25                        | 578.25                                       |
|         | 10/11/05    | 3769.96                                     | 61.84                                      | 70.91                                        | 3707.03                                      | 9.07                     | 9.00                                 | 576.50                                     | 0.50                                     | 11.25                                        | 9.50                        | 587.75                                       |
|         | 10/13/05    | 3769.96                                     | 61.84                                      | 70.90                                        | 3707.03                                      | 9.06                     | 9.00                                 | 585.50                                     | 0.25                                     | 11.50                                        | 9.25                        | 597.00                                       |
|         | 10/18/05    | 3769.96                                     | 61.84                                      | 70.92                                        | 3707.03                                      | 9.08                     | 9.00                                 | 594.50                                     | 0.25                                     | 11.75                                        | 9.25                        | 606.25                                       |
|         | 10/21/05    | 3769.96                                     | 61.88                                      | 70.95                                        | 3706.99                                      | 9.07                     | 9.00                                 | 603.50                                     | 0.25                                     | 12.00                                        | 9.25                        | 615.50                                       |
|         | 10/26/05    | 3769.96                                     | 61.86                                      | 70.97                                        | 3707.01                                      | 9.11                     | 9.00                                 | 612.50                                     | 0.50                                     | 12.50                                        | 9.50                        | 625.00                                       |
|         | 10/28/05    | 3769.96                                     | 61.86                                      | 70.95                                        | 3707.01                                      | 9.09                     | 9.00                                 | 621.50                                     | 0.25                                     | 12.75                                        | 9.25                        | 634.25                                       |
|         | 11/01/05    | 3769.96                                     | 61.89                                      | 70.98                                        | 3706.98                                      | 9.09                     | 9.00                                 | 630.50                                     | 0.25                                     | 13.00                                        | 9.25                        | 643.50                                       |
|         | 11/04/05    | 3769.96                                     | 61.90                                      | 70.97                                        | 3706.97                                      | 9.07                     | 10.00                                | 640.50                                     | 0.50                                     | 13.50                                        | 10.50                       | 654.00                                       |
|         | 11/09/05    | 3769.96                                     | 61.93                                      | 71.02                                        | 3706.94                                      | 9.09                     | 9.00                                 | 649.50                                     | 0.25                                     | 13.75                                        | 9.25                        | 663.25                                       |
|         | 11/11/05    | 3769.96                                     | 61.90                                      | 71.03                                        | 3706.96                                      | 9.13                     | 9.00                                 | 658.50                                     | 0.25                                     | 14.00                                        | 9.25                        | 672.50                                       |
|         | 11/16/05    | 3769.96                                     | 61.96                                      | 71.04                                        | 3706.91                                      | 9.08                     | 9.00                                 | 667.50                                     | 0.25                                     | 14.25                                        | 9.25                        | 681.75                                       |
|         | 11/18/05    | 3769.96                                     | 61.86                                      | 71.01                                        | 3707.18                                      | 9.35                     | 9.00                                 | 676.50                                     | 0.25                                     | 14.50                                        | 9.25                        | 691.00                                       |
|         | 11/22/05    | 3769.96                                     | 61.96                                      | 71.04                                        | 3706.91                                      | 9.08                     | 9.00                                 | 685.50                                     | 0.50                                     | 15.00                                        | 9.50                        | 700.50                                       |
|         | 11/30/05    | 3769.96                                     | 62.00                                      | 71.06                                        | 3706.87                                      | 9.06                     | 10.00                                | 695.50                                     | 0.25                                     | 15.25                                        | 10.25                       | 710.75                                       |
|         | 12/02/05    | 3769.96                                     | 62.00                                      | 71.05                                        | 3706.87                                      | 9.05                     | 9.00                                 | 704.50                                     | 0.25                                     | 15.50                                        | 9.25                        | 720.00                                       |
|         | 12/06/05    | 3769.96                                     | 61.97                                      | 71.06                                        | 3706.90                                      | 9.09                     | 9.00                                 | 713.50                                     | 0.25                                     | 15.75                                        | 9.25                        | 729.25                                       |
|         | 12/14/05    | 3769.96                                     | 62.02                                      | 71.08                                        | 3706.85                                      | 9.06                     | 9.00                                 | 722.50                                     | 0.25                                     | 16.00                                        | 9.25                        | 738.50                                       |
|         | 12/16/05    | 3769.96                                     | 62.03                                      | 71.05                                        | 3706.85                                      | 9.02                     | 9.00                                 | 731.50                                     | 0.25                                     | 16.25                                        | 9.25                        | 747.75                                       |
|         | 12/21/05    | 3769.96                                     | 62.03                                      | 71.07                                        | 3706.85                                      | 9.04                     | 11.00                                | 742.50                                     | 0.50                                     | 16.75                                        | 11.50                       | 759.25                                       |
|         | 12/23/05    | 3769.96                                     | 62.06                                      | 71.06                                        | 3706.82                                      | 9.00                     | 9.00                                 | 751.50                                     | 0.25                                     | 17.00                                        | 9.25                        | 768.50                                       |
|         | 12/27/05    | 3769.96                                     | 62.07                                      | 71.11                                        | 3706.81                                      | 9.04                     | 10.00                                | 761.50                                     | 0.50                                     | 17.50                                        | 10.50                       | 779.00                                       |
|         | 01/03/06    | 3769.96                                     | 62.09                                      | 71.06                                        | 3706.79                                      | 8.97                     | 10.00                                | 771.50                                     | 0.25                                     | 17.75                                        | 10.25                       | 789.25                                       |
|         | 01/05/06    | 3769.96                                     | 62.10                                      | 71.11                                        | 3706.78                                      | 9.01                     | 10.00                                | 781.50                                     | 0.25                                     | 18.00                                        | 10.25                       | 799.50                                       |
|         | 01/11/06    | 3769.96                                     | 62.09                                      | 71.10                                        | 3706.79                                      | 9.01                     | 10.00                                | 791.50                                     | 0.25                                     | 18.25                                        | 10.25                       | 809.75                                       |
|         | 01/13/06    | 3769.96                                     | 62.17                                      | 71.15                                        | 3706.71                                      | 8.98                     | 10.00                                | 801.50                                     | 0.25                                     | 18.50                                        | 10.25                       | 820.00                                       |
|         | 01/18/06    | 3769.96                                     | 62.11                                      | 71.13                                        | 3706.77                                      | 9.02                     | 10.00                                | 811.50                                     | 0.25                                     | 18.75                                        | 10.25                       | 830.25                                       |
|         | 01/20/06    | 3769.96                                     | 62.18                                      | 71.14                                        | 3706.70                                      | 8.96                     | 10.00                                | 821.50                                     | 0.25                                     | 19.00                                        | 10.25                       | 840.50                                       |
|         | 01/24/06    | 3769.96                                     | 62.20                                      | 71.20                                        | 3706.68                                      | 9.00                     | 10.00                                | 831.50                                     | 0.25                                     | 19.25                                        | 10.25                       | 850.75                                       |
|         | 01/26/06    | 3769.96                                     | 62.19                                      | 71.21                                        | 3706.69                                      | 9.02                     | 9.00                                 | 841.50                                     | 0.25                                     | 19.50                                        | 10.25                       | 861.00                                       |
|         | 02/02/06    | 3769.96                                     | 62.15                                      | 71.15                                        | 3706.73                                      | 9.00                     | 3.00                                 | 850.50                                     | 0.25                                     | 19.75                                        | 9.25                        | 870.25                                       |
|         | 02/08/06    | 3769.96                                     | 62.17                                      | 71.15                                        | 3706.71                                      | 8.98                     | 10.00                                | 853.50                                     | 0.00                                     | 19.75                                        | 3.00                        | 873.25                                       |
|         | 02/10/06    | 3769.96                                     | 62.16                                      | 71.13                                        | 3706.72                                      | 8.97                     | 10.00                                | 863.50                                     | 0.25                                     | 20.00                                        | 10.25                       | 883.50                                       |
|         | 02/14/06    | 3769.96                                     | 62.20                                      | 71.20                                        | 3706.68                                      | 9.00                     | 10.00                                | 873.50                                     | 0.25                                     | 20.25                                        | 10.25                       | 893.75                                       |
|         | 02/16/06    | 3769.96                                     | 62.23                                      | 71.20                                        | 3706.65                                      | 8.97                     | 8.00                                 | 883.50                                     | 0.25                                     | 20.50                                        | 10.25                       | 904.00                                       |
|         | 02/21/06    | 3769.96                                     | 62.23                                      | 71.21                                        | 3706.65                                      | 8.98                     | 8.00                                 | 891.50                                     | 0.50                                     | 21.00                                        | 8.50                        | 912.50                                       |
|         | 02/24/06    | 3769.96                                     | 62.26                                      | 71.21                                        | 3706.63                                      | 8.95                     | 7.50                                 | 899.50                                     | 0.25                                     | 21.25                                        | 8.25                        | 920.75                                       |
|         | 02/28/06    | 3769.96                                     | 62.21                                      | 71.50                                        | 3706.64                                      | 9.29                     | 0.00                                 | 907.00                                     | 0.00                                     | 21.50                                        | 0.00                        | 928.50                                       |
|         | 03/03/06    | 3769.96                                     | 62.25                                      | 71.25                                        | 3706.63                                      | 9.00                     | 8.50                                 | 915.50                                     | 1.00                                     | 22.50                                        | 9.50                        | 938.00                                       |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-3    | 03/06/06    | 3769.96                                  | 62.22                                   | 71.20                                     | 3706.66                                | 8.98               | 7.00                           | 922.50                            | 0.25                            | 22.75                               | 7.25                  | 945.25                              |
|         | 03/08/06    | 3769.96                                  | 62.24                                   | 71.20                                     | 3706.64                                | 8.96               | 8.50                           | 931.00                            | 1.25                            | 24.00                               | 9.75                  | 955.00                              |
|         | 03/15/06    | 3769.96                                  | 62.28                                   | 71.23                                     | 3706.61                                | 8.95               | 8.00                           | 939.00                            | 0.50                            | 24.50                               | 8.50                  | 963.50                              |
|         | 03/17/06    | 3769.96                                  | 62.33                                   | 71.25                                     | 3706.56                                | 8.92               | 10.00                          | 949.00                            | 0.25                            | 24.75                               | 10.25                 | 973.75                              |
|         | 03/21/06    | 3769.96                                  | 62.30                                   | 71.27                                     | 3706.58                                | 8.97               | 7.00                           | 956.00                            | 0.50                            | 25.25                               | 7.50                  | 981.25                              |
|         | 03/23/06    | 3769.96                                  | 62.18                                   | 71.00                                     | 3706.72                                | 8.82               | 7.00                           | 963.00                            | 0.25                            | 25.50                               | 7.25                  | 988.50                              |
|         | 03/28/06    | 3769.96                                  | 62.30                                   | 71.25                                     | 3706.59                                | 8.95               | 7.50                           | 970.50                            | 0.50                            | 26.00                               | 8.00                  | 996.50                              |
|         | 03/30/06    | 3769.96                                  | 62.32                                   | 71.21                                     | 3706.57                                | 8.89               | 7.00                           | 977.50                            | 0.50                            | 26.50                               | 7.50                  | 1004.00                             |
|         | 04/04/06    | 3769.96                                  | 62.34                                   | 71.27                                     | 3706.55                                | 8.93               | 7.50                           | 985.00                            | 0.50                            | 27.00                               | 8.00                  | 1012.00                             |
|         | 04/07/06    | 3769.96                                  | 62.35                                   | 71.28                                     | 3706.54                                | 8.93               | 0.00                           | 985.00                            | 0.00                            | 27.00                               | 0.00                  | 1012.00                             |
|         | 04/12/06    | 3769.96                                  | 62.35                                   | 71.29                                     | 3706.54                                | 8.94               | 7.00                           | 992.00                            | 0.25                            | 27.25                               | 7.25                  | 1019.25                             |
|         | 04/14/06    | 3769.96                                  | 62.38                                   | 71.28                                     | 3706.51                                | 8.90               | 7.00                           | 999.00                            | 0.25                            | 27.50                               | 7.25                  | 1026.50                             |
|         | 04/18/06    | 3769.96                                  | 62.23                                   | 71.27                                     | 3706.65                                | 9.04               | 7.50                           | 1006.50                           | 0.50                            | 28.00                               | 8.00                  | 1034.50                             |
|         | 04/21/06    | 3769.96                                  | 62.40                                   | 71.31                                     | 3706.49                                | 8.91               | 7.50                           | 1014.00                           | 0.50                            | 28.50                               | 8.00                  | 1042.50                             |
|         | 04/26/06    | 3769.96                                  | 62.34                                   | 71.28                                     | 3706.55                                | 8.94               | 8.50                           | 1022.50                           | 0.50                            | 29.00                               | 9.00                  | 1051.50                             |
|         | 04/28/06    | 3769.96                                  | 62.38                                   | 71.26                                     | 3706.51                                | 8.88               | 7.50                           | 1030.00                           | 0.50                            | 29.50                               | 8.00                  | 1059.50                             |
|         | 05/04/06    | 3769.96                                  | 62.38                                   | 71.30                                     | 3706.51                                | 8.92               | 7.50                           | 1037.50                           | 0.50                            | 30.00                               | 8.00                  | 1067.50                             |
|         | 05/05/06    | 3769.96                                  | 62.42                                   | 71.31                                     | 3706.47                                | 8.89               | 7.50                           | 1045.00                           | 0.50                            | 30.50                               | 8.00                  | 1075.50                             |
|         | 05/10/06    | 3769.96                                  | 62.45                                   | 71.35                                     | 3706.44                                | 8.90               | 7.00                           | 1052.00                           | 1.25                            | 31.75                               | 8.25                  | 1083.75                             |
|         | 05/12/06    | 3769.96                                  | 62.44                                   | 71.31                                     | 3706.46                                | 8.87               | 8.25                           | 1060.25                           | 1.00                            | 32.75                               | 9.25                  | 1093.00                             |
|         | 05/16/06    | 3769.96                                  | 62.46                                   | 71.35                                     | 3706.43                                | 8.89               | 7.00                           | 1067.25                           | 1.00                            | 33.75                               | 8.00                  | 1101.00                             |
|         | 05/18/06    | 3769.96                                  | 62.45                                   | 71.33                                     | 3706.44                                | 8.88               | 7.50                           | 1074.75                           | 0.25                            | 34.00                               | 7.75                  | 1108.75                             |
|         | 05/23/06    | 3769.96                                  | 62.45                                   | 71.38                                     | 3706.44                                | 8.93               | 6.25                           | 1081.00                           | 0.25                            | 34.25                               | 6.50                  | 1115.25                             |
|         | 05/26/06    | 3769.96                                  | 62.49                                   | 71.36                                     | 3706.41                                | 8.87               | 7.25                           | 1088.25                           | 1.00                            | 35.25                               | 8.25                  | 1123.50                             |
|         | 05/30/06    | 3769.96                                  | 62.48                                   | 71.37                                     | 3706.41                                | 8.89               | 7.50                           | 1095.75                           | 0.25                            | 35.50                               | 7.75                  | 1131.25                             |
|         | 06/01/06    | 3769.96                                  | 62.49                                   | 71.35                                     | 3706.41                                | 8.86               | 4.50                           | 1100.25                           | 0.25                            | 35.75                               | 4.75                  | 1136.00                             |
|         | 06/06/06    | 3769.96                                  | 62.50                                   | 71.37                                     | 3706.40                                | 8.87               | 0.00                           | 1100.25                           | 0.00                            | 35.75                               | 0.00                  | 1136.00                             |
|         | 06/09/06    | 3769.96                                  | 62.48                                   | 71.38                                     | 3706.41                                | 8.90               | 5.00                           | 1105.25                           | 0.20                            | 35.95                               | 5.20                  | 1141.20                             |
|         | 06/13/06    | 3769.96                                  | 62.50                                   | 71.40                                     | 3706.41                                | 8.92               | 7.25                           | 1112.50                           | 0.50                            | 36.45                               | 7.75                  | 1148.95                             |
|         | 06/16/06    | 3769.96                                  | 62.57                                   | 71.43                                     | 3706.33                                | 8.86               | 7.00                           | 1119.50                           | 0.50                            | 36.95                               | 7.50                  | 1156.45                             |
|         | 06/20/06    | 3769.96                                  | 62.51                                   | 71.39                                     | 3706.38                                | 8.88               | 10.00                          | 1129.50                           | 0.50                            | 37.45                               | 10.50                 | 1166.95                             |
|         | 06/23/06    | 3769.96                                  | 62.19                                   | 70.78                                     | 3707.10                                | 9.00               | 7.00                           | 1136.50                           | 0.50                            | 37.95                               | 7.50                  | 1174.45                             |
|         | 06/27/06    | 3769.96                                  | 62.54                                   | 71.40                                     | 3706.36                                | 8.86               | 7.50                           | 1144.00                           | 0.50                            | 38.45                               | 8.00                  | 1182.45                             |
|         | 06/30/06    | 3769.96                                  | 62.54                                   | 71.40                                     | 3706.36                                | 8.86               | 7.50                           | 1151.50                           | 0.50                            | 38.95                               | 8.00                  | 1190.45                             |
|         | 07/05/06    | 3769.96                                  | 62.53                                   | 71.41                                     | 3706.36                                | 8.88               | 7.00                           | 1158.50                           | 0.50                            | 39.45                               | 7.50                  | 1197.95                             |
|         | 07/07/06    | 3769.96                                  | 62.58                                   | 71.43                                     | 3706.32                                | 8.85               | 6.00                           | 1164.50                           | 0.50                            | 39.95                               | 6.50                  | 1204.45                             |
|         | 07/11/06    | 3769.96                                  | 62.57                                   | 71.42                                     | 3706.33                                | 8.85               | 6.50                           | 1171.00                           | 1.00                            | 40.95                               | 7.50                  | 1211.95                             |
|         | 07/13/06    | 3769.96                                  | 62.59                                   | 71.43                                     | 3706.31                                | 8.84               | 8.00                           | 1179.00                           | 0.50                            | 41.45                               | 8.50                  | 1220.45                             |
|         | 07/18/06    | 3769.96                                  | 62.60                                   | 71.45                                     | 3706.30                                | 8.85               | 7.00                           | 1186.00                           | 0.50                            | 41.95                               | 7.50                  | 1227.95                             |
|         | 07/21/06    | 3769.96                                  | 62.60                                   | 71.43                                     | 3706.30                                | 8.83               | 7.00                           | 1193.00                           | 1.00                            | 42.95                               | 8.00                  | 1235.95                             |
|         | 07/25/06    | 3769.96                                  | 62.60                                   | 71.45                                     | 3706.28                                | 8.83               | 6.00                           | 1199.00                           | 1.25                            | 44.20                               | 7.25                  | 1243.20                             |
|         | 07/27/06    | 3769.96                                  | 62.61                                   | 71.44                                     | 3706.27                                | 8.81               | 7.50                           | 1206.50                           | 1.00                            | 45.20                               | 8.50                  | 1251.70                             |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing<br>Elevation (Feet)* | Depth to PSH<br>Below Top of<br>Casing (Feet) | Depth to Water<br>Below Top of<br>Casing (Feet) | Adjusted<br>Potentiometric<br>Surface(Feet)* | PSH<br>THICKNESS<br>(ft) | PSH Volume<br>Recovered<br>(gallons) | PSH<br>Cumulative<br>Recovery<br>(gallons) | Water<br>Volume<br>Recovery<br>(gallons) | Water<br>Cumulative<br>Recovery<br>(gallons) | Total<br>Volume<br>Recovery | Total<br>Cumulative<br>Recovery<br>(gallons) |
|---------|-------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------|----------------------------------------------|--------------------------|--------------------------------------|--------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|
| MW-3    | 08/01/06    | 3769.96                                     | 62.74                                         | 71.48                                           | 3706.26                                      | 8.84                     | 6.00                                 | 1212.50                                    | 1.00                                     | 46.20                                        | 7.00                        | 1258.70                                      |
|         | 08/03/06    | 3769.96                                     | 62.66                                         | 71.47                                           | 3706.24                                      | 8.81                     | 5.50                                 | 1218.00                                    | 1.00                                     | 47.20                                        | 6.50                        | 1265.20                                      |
|         | 08/09/06    | 3769.96                                     | 62.67                                         | 71.50                                           | 3706.23                                      | 8.83                     | 7.00                                 | 1225.00                                    | 0.50                                     | 47.70                                        | 7.50                        | 1272.70                                      |
|         | 08/11/06    | 3769.96                                     | 62.66                                         | 71.47                                           | 3706.24                                      | 8.81                     | 6.50                                 | 1231.50                                    | 0.50                                     | 48.20                                        | 7.00                        | 1279.70                                      |
|         | 08/15/06    | 3769.96                                     | 62.70                                         | 71.55                                           | 3706.20                                      | 8.85                     | 6.50                                 | 1236.00                                    | 1.00                                     | 49.20                                        | 7.50                        | 1287.20                                      |
|         | 08/18/06    | 3769.96                                     | 62.70                                         | 71.52                                           | 3706.20                                      | 8.82                     | 5.00                                 | 1243.00                                    | 1.25                                     | 50.45                                        | 6.25                        | 1293.45                                      |
|         | 08/25/06    | 3769.96                                     | 62.73                                         | 71.58                                           | 3706.17                                      | 8.85                     | 7.00                                 | 1250.00                                    | 0.50                                     | 50.95                                        | 7.50                        | 1300.95                                      |
|         | 08/30/06    | 3769.96                                     | 62.44                                         | 71.60                                           | 3706.42                                      | 9.16                     | 7.50                                 | 1257.50                                    | 0.50                                     | 51.45                                        | 8.00                        | 1308.95                                      |
|         | 09/12/06    | 3769.96                                     | NM                                            | NM                                              | NM                                           | 0.00                     | 0.00                                 | 1257.50                                    | 0.00                                     | 51.45                                        | 0.00                        | 1308.95                                      |
|         | 09/15/06    | 3769.96                                     | 62.70                                         | 71.65                                           | 3706.19                                      | 8.95                     | 5.00                                 | 1262.50                                    | 1.00                                     | 52.45                                        | 6.00                        | 1314.95                                      |
|         | 09/20/06    | 3769.96                                     | 62.72                                         | 71.63                                           | 3706.17                                      | 8.91                     | 7.00                                 | 1269.50                                    | 0.50                                     | 52.95                                        | 7.50                        | 1322.45                                      |
|         | 09/26/06    | 3769.96                                     | 62.75                                         | 71.65                                           | 3706.14                                      | 8.90                     | 7.50                                 | 1277.00                                    | 0.25                                     | 53.20                                        | 7.75                        | 1330.20                                      |
|         | 09/29/06    | 3769.96                                     | 62.77                                         | 71.68                                           | 3706.12                                      | 8.91                     | 0.00                                 | 1277.00                                    | 0.00                                     | 53.20                                        | 0.00                        | 1330.20                                      |
|         | 10/04/06    | 3769.96                                     | 62.71                                         | 71.72                                           | 3706.17                                      | 9.01                     | 8.00                                 | 1285.00                                    | 0.25                                     | 53.45                                        | 8.25                        | 1338.45                                      |
|         | 10/06/06    | 3769.96                                     | 62.81                                         | 71.68                                           | 3706.09                                      | 8.87                     | 6.50                                 | 1291.50                                    | 0.50                                     | 53.95                                        | 7.00                        | 1345.45                                      |
|         | 10/12/06    | 3769.96                                     | 62.82                                         | 71.71                                           | 3706.09                                      | 8.91                     | 7.00                                 | 1298.50                                    | 0.25                                     | 54.20                                        | 7.25                        | 1352.70                                      |
|         | 10/17/06    | 3769.96                                     | 62.82                                         | 71.73                                           | 3706.07                                      | 8.91                     | 0.00                                 | 1298.50                                    | 0.00                                     | 54.20                                        | 0.00                        | 1352.70                                      |
|         | 10/20/06    | 3769.96                                     | 62.82                                         | 71.73                                           | 3706.07                                      | 8.91                     | 0.00                                 | 1298.50                                    | 0.00                                     | 54.20                                        | 0.00                        | 1352.70                                      |
|         | 10/24/06    | 3769.96                                     | 62.80                                         | 71.71                                           | 3706.09                                      | 8.91                     | 0.00                                 | 1298.50                                    | 0.00                                     | 54.20                                        | 0.00                        | 1352.70                                      |
|         | 10/26/06    | 3769.96                                     | 62.80                                         | 71.74                                           | 3706.09                                      | 8.94                     | 0.00                                 | 1298.50                                    | 0.00                                     | 54.20                                        | 0.00                        | 1352.70                                      |
|         | 11/22/06    | 3769.96                                     | 62.95                                         | 71.83                                           | 3705.94                                      | 8.88                     | 7.00                                 | 1305.50                                    | 0.25                                     | 54.45                                        | 7.25                        | 1359.95                                      |
|         | 11/28/06    | 3769.96                                     | 62.95                                         | 71.80                                           | 3705.95                                      | 8.85                     | 7.00                                 | 1312.50                                    | 0.25                                     | 54.70                                        | 7.25                        | 1367.20                                      |
|         | 12/06/06    | 3769.96                                     | 63.05                                         | 71.90                                           | 3705.85                                      | 8.85                     | 8.00                                 | 1320.50                                    | 0.50                                     | 55.20                                        | 8.50                        | 1375.70                                      |
|         | 12/08/06    | 3769.96                                     | 62.82                                         | 71.00                                           | 3706.80                                      | 8.91                     | 8.00                                 | 1328.50                                    | 0.25                                     | 55.45                                        | 8.25                        | 1383.95                                      |
|         | 12/12/06    | 3769.96                                     | 63.02                                         | 71.80                                           | 3705.89                                      | 8.78                     | 7.50                                 | 1336.00                                    | 0.00                                     | 55.45                                        | 7.50                        | 1391.45                                      |
|         | 12/15/06    | 3769.96                                     | 62.80                                         | 71.74                                           | 3706.14                                      | 9.00                     | 7.00                                 | 1343.00                                    | 0.25                                     | 55.70                                        | 7.25                        | 1398.70                                      |
|         | 12/20/06    | 3769.96                                     | NM                                            | NM                                              | NM                                           | 0.00                     | 0.00                                 | 1343.00                                    | 0.00                                     | 55.70                                        | 0.00                        | 1398.70                                      |
|         | 12/22/06    | 3769.96                                     | 63.06                                         | 71.90                                           | 3705.84                                      | 8.84                     | 0.00                                 | 1343.00                                    | 0.00                                     | 55.70                                        | 0.00                        | 1398.70                                      |
|         | 12/27/06    | 3769.96                                     | 63.02                                         | 71.92                                           | 3705.98                                      | 9.02                     | 0.00                                 | 1343.00                                    | 0.00                                     | 55.70                                        | 0.00                        | 1398.70                                      |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
 Plains All American Pipeline, L.P.  
 8" Moore to Jat #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-4    | 10/29/04    | 3772.74                                  | 59.80                                   | 71.07                                     | 3711.59                                | 11.27              | 20.50                          | 20.50                             | 0.00                            | 0.00                                | 20.50                 | 20.50                               |
|         | 11/04/04    | 3772.74                                  | 63.08                                   | 72.51                                     | 3708.55                                | 9.45               | 16.00                          | 36.50                             | 0.00                            | 0.00                                | 16.00                 | 36.50                               |
|         | 11/10/04    | 3772.74                                  | 63.12                                   | 72.78                                     | 3708.46                                | 9.66               | 16.00                          | 52.50                             | 0.00                            | 0.00                                | 16.00                 | 52.50                               |
|         | 11/17/04    | 3772.74                                  | 63.21                                   | 73.09                                     | 3708.34                                | 9.88               | 16.50                          | 69.00                             | 0.00                            | 0.00                                | 16.50                 | 69.00                               |
|         | 11/24/04    | 3772.74                                  | 63.30                                   | 73.31                                     | 3708.24                                | 10.01              | 17.00                          | 86.00                             | 0.00                            | 0.00                                | 17.00                 | 86.00                               |
|         | 12/02/04    | 3772.74                                  | 63.31                                   | 73.30                                     | 3708.23                                | 9.99               | 18.00                          | 104.00                            | 0.00                            | 0.00                                | 18.00                 | 104.00                              |
|         | 12/08/04    | 3772.74                                  | 63.27                                   | 73.29                                     | 3708.27                                | 10.02              | 17.00                          | 121.00                            | 0.00                            | 0.00                                | 17.00                 | 121.00                              |
|         | 12/15/04    | 3772.74                                  | 63.39                                   | 73.52                                     | 3708.13                                | 10.13              | 19.00                          | 140.00                            | 0.00                            | 0.00                                | 19.00                 | 140.00                              |
|         | 12/27/04    | 3772.74                                  | 63.53                                   | 73.71                                     | 3707.99                                | 10.18              | 19.00                          | 159.00                            | 0.00                            | 0.00                                | 19.00                 | 159.00                              |
|         | 12/29/04    | 3772.74                                  | 63.54                                   | 73.61                                     | 3707.99                                | 10.07              | 17.50                          | 176.50                            | 0.00                            | 0.00                                | 17.50                 | 176.50                              |
|         | 01/08/05    | 3772.74                                  | 63.57                                   | 73.70                                     | 3707.95                                | 10.13              | 19.00                          | 195.50                            | 0.00                            | 0.00                                | 19.00                 | 195.50                              |
|         | 01/13/05    | 3772.74                                  | 63.71                                   | 73.79                                     | 3707.82                                | 10.08              | 19.00                          | 214.50                            | 0.00                            | 0.00                                | 19.00                 | 214.50                              |
|         | 01/19/05    | 3772.74                                  | 63.72                                   | 73.76                                     | 3707.82                                | 10.04              | 7.50                           | 222.00                            | 0.00                            | 0.00                                | 7.50                  | 222.00                              |
|         | 01/26/05    | 3772.74                                  | 61.89                                   | 69.41                                     | 3709.95                                | 7.52               | 18.00                          | 240.00                            | 0.00                            | 0.00                                | 18.00                 | 240.00                              |
|         | 02/02/05    | 3772.74                                  | 63.82                                   | 73.76                                     | 3707.73                                | 9.94               | 19.00                          | 259.00                            | 0.00                            | 0.00                                | 19.00                 | 259.00                              |
|         | 02/09/05    | 3772.74                                  | 63.86                                   | 73.77                                     | 3707.69                                | 9.91               | 19.00                          | 278.00                            | 0.00                            | 0.00                                | 19.00                 | 278.00                              |
|         | 02/16/05    | 3772.74                                  | 63.86                                   | 73.73                                     | 3707.70                                | 9.87               | 18.00                          | 296.00                            | 0.00                            | 0.00                                | 18.00                 | 296.00                              |
|         | 02/24/05    | 3772.74                                  | 63.93                                   | 73.76                                     | 3707.63                                | 9.83               | 19.00                          | 315.00                            | 0.00                            | 0.00                                | 19.00                 | 315.00                              |
|         | 03/03/05    | 3772.74                                  | 63.92                                   | 73.74                                     | 3707.64                                | 9.82               | 15.00                          | 330.00                            | 0.00                            | 0.00                                | 15.00                 | 330.00                              |
|         | 03/11/05    | 3772.74                                  | 63.79                                   | 73.26                                     | 3707.81                                | 9.47               | 18.00                          | 348.00                            | 0.00                            | 0.00                                | 18.00                 | 348.00                              |
|         | 03/18/05    | 3772.74                                  | 63.97                                   | 73.74                                     | 3707.60                                | 9.77               | 17.00                          | 365.00                            | 0.00                            | 0.00                                | 17.00                 | 365.00                              |
|         | 04/01/05    | 3772.74                                  | 64.02                                   | 73.76                                     | 3707.55                                | 9.74               | 18.00                          | 383.00                            | 0.00                            | 0.00                                | 18.00                 | 383.00                              |
|         | 04/07/05    | 3772.74                                  | 64.05                                   | 73.73                                     | 3707.53                                | 9.68               | 18.00                          | 401.00                            | 0.00                            | 0.00                                | 18.00                 | 401.00                              |
|         | 05/18/05    | 3772.74                                  | 64.11                                   | 73.76                                     | 3707.47                                | 9.65               | 15.00                          | 419.00                            | 0.00                            | 0.00                                | 15.00                 | 419.00                              |
|         | 05/23/05    | 3772.74                                  | 64.18                                   | 73.76                                     | 3707.41                                | 9.58               | 13.00                          | 434.00                            | 0.00                            | 0.00                                | 13.00                 | 434.00                              |
|         | 05/26/05    | 3772.74                                  | 64.20                                   | 73.73                                     | 3707.40                                | 9.53               | 10.00                          | 447.00                            | 0.00                            | 0.00                                | 10.00                 | 447.00                              |
|         | 06/01/05    | 3772.74                                  | 64.20                                   | 73.70                                     | 3707.40                                | 9.50               | 9.00                           | 466.00                            | 0.00                            | 0.00                                | 9.00                  | 466.00                              |
|         | 06/03/05    | 3772.74                                  | 64.20                                   | 73.64                                     | 3707.41                                | 9.44               | 9.00                           | 475.00                            | 0.00                            | 0.00                                | 9.00                  | 475.00                              |
|         | 06/07/05    | 3772.74                                  | 64.22                                   | 73.43                                     | 3707.41                                | 9.21               | 9.00                           | 484.50                            | 0.00                            | 0.00                                | 9.00                  | 484.50                              |
|         | 06/10/05    | 3772.74                                  | 64.23                                   | 73.69                                     | 3707.37                                | 9.46               | 10.00                          | 494.50                            | 0.00                            | 0.00                                | 10.00                 | 494.50                              |
|         | 06/13/05    | 3772.74                                  | 64.21                                   | 73.75                                     | 3707.39                                | 9.54               | 10.00                          | 504.50                            | 0.00                            | 0.00                                | 10.00                 | 504.50                              |
|         | 06/16/05    | 3772.74                                  | 64.24                                   | 73.66                                     | 3707.37                                | 9.42               | 12.00                          | 514.50                            | 0.00                            | 0.00                                | 12.00                 | 514.50                              |
|         | 06/20/05    | 3772.74                                  | 64.26                                   | 73.72                                     | 3707.34                                | 9.36               | 14.00                          | 526.50                            | 0.00                            | 0.00                                | 14.00                 | 526.50                              |
|         | 06/22/05    | 3772.74                                  | 64.28                                   | 73.64                                     | 3707.34                                | 9.36               | 14.00                          | 540.50                            | 0.00                            | 0.00                                | 14.00                 | 540.50                              |
|         | 06/29/05    | 3772.74                                  | 64.27                                   | 73.74                                     | 3707.33                                | 9.47               | 9.00                           | 548.50                            | 0.00                            | 0.00                                | 9.00                  | 548.50                              |
|         | 07/01/05    | 3772.74                                  | 64.29                                   | 73.62                                     | 3707.33                                | 9.33               | 9.00                           | 558.00                            | 0.00                            | 0.00                                | 9.00                  | 558.00                              |
|         | 07/06/05    | 3772.74                                  | 64.30                                   | 73.74                                     | 3707.31                                | 9.44               | 9.00                           | 567.00                            | 0.00                            | 0.00                                | 9.00                  | 567.00                              |
|         | 07/08/05    | 3772.74                                  | 64.33                                   | 73.63                                     | 3707.29                                | 9.30               | 10.00                          | 576.00                            | 0.00                            | 0.00                                | 10.00                 | 576.00                              |
|         | 07/12/05    | 3772.74                                  | 64.34                                   | 73.72                                     | 3707.27                                | 9.38               | 10.00                          | 586.00                            | 0.00                            | 0.00                                | 10.00                 | 586.00                              |
|         | 07/14/05    | 3772.74                                  | 64.34                                   | 73.66                                     | 3707.28                                | 9.32               | 10.00                          | 596.00                            | 0.00                            | 0.00                                | 10.00                 | 596.00                              |
|         | 07/19/05    | 3772.74                                  | 64.34                                   | 73.80                                     | 3707.26                                | 9.46               | 10.00                          | 604.25                            | 0.00                            | 0.00                                | 10.00                 | 604.25                              |
|         | 07/21/05    | 3772.74                                  | 64.38                                   | 73.73                                     | 3707.24                                | 9.35               | 10.00                          | 604.25                            | 0.00                            | 0.00                                | 10.00                 | 604.25                              |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing<br>Elevation (Feet)* | Depth to PSH<br>Below Top of<br>Casing (Feet) | Depth to Water<br>Below Top of<br>Casing (Feet) | Adjusted<br>Potentiometric<br>Surface(Feet)* | PSH<br>THICKNESS<br>(ft) | PSH Volume<br>Recovered<br>(gallons) | PSH<br>Cumulative<br>Recovery<br>(gallons) | Water<br>Volume<br>Recovery<br>(gallons) | Water<br>Cumulative<br>Recovery<br>(gallons) | Total<br>Volume<br>Recovery | Total<br>Cumulative<br>Recovery<br>(gallons) |
|---------|-------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------|----------------------------------------------|--------------------------|--------------------------------------|--------------------------------------------|------------------------------------------|----------------------------------------------|-----------------------------|----------------------------------------------|
| MW-4    | 07/26/05    | 3772.74                                     | 62.39                                         | 70.02                                           | 3709.43                                      | 7.63                     | 11.00                                | 607.00                                     | 0.25                                     | 8.50                                         | 11.25                       | 615.50                                       |
|         | 07/28/05    | 3772.74                                     | 64.41                                         | 73.69                                           | 3707.22                                      | 9.28                     | 9.00                                 | 616.00                                     | 0.25                                     | 8.75                                         | 9.25                        | 624.75                                       |
|         | 08/02/05    | 3772.74                                     | 64.40                                         | 73.74                                           | 3707.22                                      | 9.34                     | 10.00                                | 626.00                                     | 0.25                                     | 9.00                                         | 10.25                       | 635.00                                       |
|         | 08/04/05    | 3772.74                                     | 64.43                                         | 73.64                                           | 3707.20                                      | 9.21                     | 9.00                                 | 635.00                                     | 0.25                                     | 9.25                                         | 9.25                        | 644.25                                       |
|         | 08/09/05    | 3772.74                                     | 64.42                                         | 73.75                                           | 3707.20                                      | 9.33                     | 10.00                                | 645.00                                     | 0.25                                     | 9.50                                         | 10.25                       | 654.50                                       |
|         | 08/11/05    | 3772.74                                     | 64.45                                         | 73.64                                           | 3707.19                                      | 9.19                     | 10.00                                | 655.00                                     | 0.25                                     | 9.75                                         | 10.25                       | 664.75                                       |
|         | 08/16/05    | 3772.74                                     | 64.44                                         | 73.75                                           | 3707.18                                      | 9.31                     | 11.00                                | 666.00                                     | 0.25                                     | 10.00                                        | 11.25                       | 676.00                                       |
|         | 08/18/05    | 3772.74                                     | 64.47                                         | 73.62                                           | 3707.17                                      | 9.15                     | 10.00                                | 676.00                                     | 0.50                                     | 10.50                                        | 10.50                       | 686.50                                       |
|         | 08/24/05    | 3772.74                                     | 64.47                                         | 73.74                                           | 3707.16                                      | 9.27                     | 10.00                                | 686.00                                     | 0.25                                     | 10.75                                        | 10.25                       | 696.75                                       |
|         | 08/26/05    | 3772.74                                     | 64.48                                         | 73.65                                           | 3707.16                                      | 9.17                     | 10.00                                | 696.00                                     | 0.25                                     | 11.00                                        | 10.25                       | 707.00                                       |
|         | 08/30/05    | 3772.74                                     | 64.46                                         | 73.67                                           | 3707.17                                      | 9.21                     | 9.00                                 | 705.00                                     | 0.50                                     | 11.50                                        | 9.50                        | 716.50                                       |
|         | 09/01/05    | 3772.74                                     | 64.51                                         | 73.52                                           | 3707.15                                      | 9.01                     | 10.00                                | 715.00                                     | 0.50                                     | 12.00                                        | 10.50                       | 727.00                                       |
|         | 09/06/05    | 3772.74                                     | 64.43                                         | 73.64                                           | 3707.20                                      | 9.21                     | 12.00                                | 727.00                                     | 0.50                                     | 12.50                                        | 12.50                       | 739.50                                       |
|         | 09/08/05    | 3772.74                                     | 64.51                                         | 73.53                                           | 3707.15                                      | 9.02                     | 12.00                                | 739.00                                     | 0.50                                     | 13.00                                        | 12.50                       | 752.00                                       |
|         | 09/13/05    | 3772.74                                     | 64.49                                         | 73.68                                           | 3707.15                                      | 9.19                     | 12.00                                | 751.00                                     | 0.75                                     | 13.75                                        | 12.75                       | 764.75                                       |
|         | 09/16/05    | 3772.74                                     | 64.54                                         | 73.66                                           | 3707.11                                      | 9.12                     | 11.00                                | 762.00                                     | 0.50                                     | 14.25                                        | 11.50                       | 776.25                                       |
|         | 09/20/05    | 3772.74                                     | 64.50                                         | 73.65                                           | 3707.14                                      | 9.15                     | 13.00                                | 775.00                                     | 0.50                                     | 14.75                                        | 13.50                       | 789.75                                       |
|         | 09/23/05    | 3772.74                                     | 64.56                                         | 73.72                                           | 3707.08                                      | 9.16                     | 12.00                                | 787.00                                     | 0.50                                     | 15.25                                        | 12.50                       | 802.25                                       |
|         | 09/27/05    | 3772.74                                     | 64.55                                         | 74.73                                           | 3706.97                                      | 10.18                    | 12.00                                | 799.00                                     | 2.00                                     | 17.25                                        | 14.00                       | 816.25                                       |
|         | 09/29/05    | 3772.74                                     | 64.56                                         | 73.63                                           | 3707.09                                      | 9.07                     | 12.00                                | 811.00                                     | 1.00                                     | 18.25                                        | 13.00                       | 829.25                                       |
|         | 10/04/05    | 3772.74                                     | 64.56                                         | 73.74                                           | 3707.08                                      | 9.18                     | 14.00                                | 825.00                                     | 0.50                                     | 18.75                                        | 14.50                       | 843.75                                       |
|         | 10/06/05    | 3772.74                                     | 64.64                                         | 73.65                                           | 3707.02                                      | 9.01                     | 12.00                                | 837.00                                     | 0.75                                     | 19.50                                        | 12.75                       | 856.50                                       |
|         | 10/11/05    | 3772.74                                     | 64.57                                         | 73.76                                           | 3707.07                                      | 9.19                     | 10.00                                | 847.00                                     | 0.75                                     | 20.25                                        | 10.75                       | 867.25                                       |
|         | 10/13/05    | 3772.74                                     | 64.58                                         | 73.64                                           | 3707.07                                      | 9.06                     | 14.00                                | 861.00                                     | 0.25                                     | 20.50                                        | 14.25                       | 881.50                                       |
|         | 10/18/05    | 3772.74                                     | 64.61                                         | 73.78                                           | 3707.03                                      | 9.17                     | 12.00                                | 873.00                                     | 0.50                                     | 21.00                                        | 12.50                       | 894.00                                       |
|         | 10/21/05    | 3772.74                                     | 64.63                                         | 73.44                                           | 3707.05                                      | 8.81                     | 15.00                                | 888.00                                     | 0.50                                     | 21.50                                        | 15.50                       | 909.50                                       |
|         | 10/26/05    | 3772.74                                     | 64.62                                         | 73.77                                           | 3707.02                                      | 9.15                     | 11.00                                | 899.00                                     | 0.50                                     | 22.00                                        | 11.50                       | 921.00                                       |
|         | 10/28/05    | 3772.74                                     | 64.62                                         | 73.67                                           | 3707.03                                      | 9.05                     | 10.00                                | 909.00                                     | 0.50                                     | 22.50                                        | 10.50                       | 931.50                                       |
|         | 11/01/05    | 3772.74                                     | 64.63                                         | 73.78                                           | 3707.01                                      | 9.15                     | 11.00                                | 920.00                                     | 0.50                                     | 23.00                                        | 11.50                       | 943.00                                       |
|         | 11/04/05    | 3772.74                                     | 64.64                                         | 73.75                                           | 3707.01                                      | 9.11                     | 9.00                                 | 929.00                                     | 0.25                                     | 23.25                                        | 9.25                        | 952.25                                       |
|         | 11/09/05    | 3772.74                                     | 64.70                                         | 73.85                                           | 3706.94                                      | 9.15                     | 12.00                                | 941.00                                     | 0.50                                     | 23.75                                        | 12.50                       | 964.75                                       |
|         | 11/11/05    | 3772.74                                     | 64.72                                         | 73.83                                           | 3706.93                                      | 9.11                     | 12.00                                | 953.00                                     | 0.75                                     | 24.50                                        | 12.75                       | 977.50                                       |
|         | 11/16/05    | 3772.74                                     | 64.68                                         | 73.81                                           | 3706.96                                      | 9.13                     | 12.00                                | 965.00                                     | 0.50                                     | 25.00                                        | 12.50                       | 990.00                                       |
|         | 11/18/05    | 3772.74                                     | 64.73                                         | 73.71                                           | 3706.93                                      | 8.98                     | 12.00                                | 977.00                                     | 0.50                                     | 25.50                                        | 12.50                       | 1002.50                                      |
|         | 11/22/05    | 3772.74                                     | 64.71                                         | 73.82                                           | 3706.94                                      | 9.11                     | 12.00                                | 989.00                                     | 0.50                                     | 26.00                                        | 12.50                       | 1015.00                                      |
|         | 11/30/05    | 3772.74                                     | 64.71                                         | 73.85                                           | 3706.93                                      | 9.14                     | 11.00                                | 1000.00                                    | 0.50                                     | 26.50                                        | 11.50                       | 1026.50                                      |
|         | 12/02/05    | 3772.74                                     | 64.76                                         | 73.76                                           | 3706.90                                      | 9.00                     | 12.00                                | 1012.00                                    | 0.50                                     | 27.00                                        | 12.50                       | 1039.00                                      |
|         | 12/06/05    | 3772.74                                     | 64.75                                         | 73.87                                           | 3706.90                                      | 9.12                     | 12.00                                | 1024.00                                    | 0.50                                     | 27.50                                        | 12.50                       | 1051.50                                      |
|         | 12/14/05    | 3772.74                                     | 64.77                                         | 73.88                                           | 3706.88                                      | 9.11                     | 13.00                                | 1037.00                                    | 0.50                                     | 28.00                                        | 13.50                       | 1065.00                                      |
|         | 12/16/05    | 3772.74                                     | 64.80                                         | 73.86                                           | 3706.85                                      | 9.06                     | 13.00                                | 1050.00                                    | 0.25                                     | 28.25                                        | 13.25                       | 1078.25                                      |
|         | 12/21/05    | 3772.74                                     | 64.80                                         | 73.89                                           | 3706.85                                      | 9.09                     | 13.00                                | 1063.00                                    | 0.50                                     | 28.75                                        | 13.50                       | 1091.75                                      |
|         | 12/23/05    | 3772.74                                     | 64.83                                         | 73.72                                           | 3706.84                                      | 8.89                     | 13.00                                | 1076.00                                    | 0.50                                     | 29.25                                        | 13.50                       | 1105.25                                      |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-4    | 12/27/05    | 3772.74                                  | 64.82                                   | 73.88                                     | 3706.83                                | 9.06               | 12.00                          | 1088.00                           | 0.50                            | 29.75                               | 12.50                 | 1117.75                             |
|         | 12/30/05    | 3772.74                                  | 64.86                                   | 73.88                                     | 3706.80                                | 9.02               | 12.00                          | 1100.00                           | 0.50                            | 30.25                               | 12.50                 | 1130.25                             |
|         | 01/03/06    | 3772.74                                  | 64.82                                   | 73.83                                     | 3706.84                                | 9.01               | 13.00                          | 1113.00                           | 0.50                            | 30.75                               | 13.50                 | 1143.75                             |
|         | 01/05/06    | 3772.74                                  | 64.85                                   | 73.80                                     | 3706.82                                | 8.95               | 12.00                          | 1125.00                           | 0.50                            | 31.25                               | 12.50                 | 1156.25                             |
|         | 01/11/06    | 3772.74                                  | 64.84                                   | 73.92                                     | 3706.81                                | 9.08               | 12.00                          | 1137.00                           | 0.25                            | 31.50                               | 12.25                 | 1168.50                             |
|         | 01/13/06    | 3772.74                                  | 64.91                                   | 73.81                                     | 3706.76                                | 8.90               | 11.00                          | 1148.00                           | 0.50                            | 32.00                               | 11.50                 | 1180.00                             |
|         | 01/18/06    | 3772.74                                  | 64.86                                   | 73.92                                     | 3706.79                                | 9.06               | 14.00                          | 1162.00                           | 0.50                            | 32.50                               | 14.50                 | 1194.50                             |
|         | 01/20/06    | 3772.74                                  | 64.95                                   | 73.80                                     | 3706.73                                | 8.85               | 9.50                           | 1171.50                           | 0.25                            | 32.75                               | 9.75                  | 1204.25                             |
|         | 01/24/06    | 3772.74                                  | 64.94                                   | 73.98                                     | 3706.72                                | 9.04               | 11.00                          | 1182.50                           | 0.50                            | 33.25                               | 11.50                 | 1215.75                             |
|         | 01/26/06    | 3772.74                                  | 64.90                                   | 73.93                                     | 3706.76                                | 9.03               | 11.00                          | 1193.50                           | 0.25                            | 33.50                               | 11.25                 | 1227.00                             |
|         | 02/02/06    | 3772.74                                  | 64.87                                   | 73.90                                     | 3706.79                                | 9.03               | 0.00                           | 1193.50                           | 0.00                            | 33.50                               | 0.00                  | 1227.00                             |
|         | 02/08/06    | 3772.74                                  | 64.90                                   | 73.98                                     | 3706.75                                | 9.08               | 10.00                          | 1203.50                           | 0.25                            | 33.75                               | 10.25                 | 1237.25                             |
|         | 02/10/06    | 3772.74                                  | 64.87                                   | 73.97                                     | 3706.78                                | 9.10               | 10.00                          | 1213.50                           | 0.25                            | 34.00                               | 10.25                 | 1247.50                             |
|         | 02/14/06    | 3772.74                                  | 64.93                                   | 74.00                                     | 3706.72                                | 9.07               | 12.00                          | 1225.50                           | 0.50                            | 34.50                               | 12.50                 | 1260.00                             |
|         | 02/16/06    | 3772.74                                  | 65.00                                   | 73.90                                     | 3706.67                                | 8.90               | 9.50                           | 1235.00                           | 1.00                            | 35.50                               | 10.50                 | 1270.50                             |
|         | 02/21/06    | 3772.74                                  | 65.00                                   | 74.10                                     | 3706.65                                | 9.10               | 9.50                           | 1244.50                           | 0.50                            | 36.00                               | 10.00                 | 1280.50                             |
|         | 02/24/06    | 3772.74                                  | 65.00                                   | 74.00                                     | 3706.66                                | 9.00               | 9.00                           | 1253.50                           | 1.00                            | 37.00                               | 10.00                 | 1290.50                             |
|         | 02/28/06    | 3772.74                                  | 64.96                                   | 73.98                                     | 3706.70                                | 9.02               | 0.00                           | 1253.50                           | 0.00                            | 37.00                               | 0.00                  | 1290.50                             |
|         | 03/03/06    | 3772.74                                  | 64.80                                   | 74.04                                     | 3706.83                                | 9.24               | 0.00                           | 1253.50                           | 0.00                            | 37.00                               | 0.00                  | 1290.50                             |
|         | 03/06/06    | 3772.74                                  | 64.95                                   | 74.00                                     | 3706.70                                | 9.05               | 7.00                           | 1260.50                           | 1.00                            | 38.00                               | 8.00                  | 1298.50                             |
|         | 03/08/06    | 3772.74                                  | 65.02                                   | 73.93                                     | 3706.65                                | 8.91               | 8.25                           | 1268.75                           | 1.20                            | 39.20                               | 9.45                  | 1307.95                             |
|         | 03/15/06    | 3772.74                                  | 65.02                                   | 74.05                                     | 3706.64                                | 9.03               | 13.00                          | 1281.75                           | 0.50                            | 39.70                               | 13.50                 | 1321.45                             |
|         | 03/17/06    | 3772.74                                  | 65.07                                   | 73.95                                     | 3706.60                                | 8.88               | 12.00                          | 1293.75                           | 0.50                            | 40.20                               | 12.50                 | 1333.95                             |
|         | 03/21/06    | 3772.74                                  | 65.02                                   | 74.00                                     | 3706.64                                | 8.98               | 13.00                          | 1306.75                           | 0.25                            | 40.45                               | 13.25                 | 1347.20                             |
|         | 03/23/06    | 3772.74                                  | 64.96                                   | 73.81                                     | 3706.72                                | 8.85               | 11.00                          | 1317.75                           | 0.50                            | 40.95                               | 11.50                 | 1358.70                             |
|         | 03/28/06    | 3772.74                                  | 65.05                                   | 74.04                                     | 3706.61                                | 8.99               | 8.50                           | 1326.25                           | 0.50                            | 41.45                               | 9.00                  | 1367.70                             |
|         | 03/30/06    | 3772.74                                  | 65.08                                   | 73.95                                     | 3706.60                                | 8.87               | 8.00                           | 1334.25                           | 0.50                            | 41.95                               | 8.50                  | 1376.20                             |
|         | 04/04/06    | 3772.74                                  | 65.05                                   | 74.05                                     | 3706.61                                | 9.00               | 7.50                           | 1341.75                           | 0.50                            | 42.45                               | 8.00                  | 1384.20                             |
|         | 04/07/06    | 3772.74                                  | 65.10                                   | 74.05                                     | 3706.57                                | 8.95               | 8.50                           | 1350.25                           | 0.50                            | 42.95                               | 9.00                  | 1393.20                             |
|         | 04/12/06    | 3772.74                                  | 65.09                                   | 74.07                                     | 3706.57                                | 8.98               | 7.50                           | 1357.75                           | 0.50                            | 43.45                               | 8.00                  | 1401.20                             |
|         | 04/14/06    | 3772.74                                  | 65.11                                   | 74.00                                     | 3706.56                                | 8.89               | 7.50                           | 1365.25                           | 0.25                            | 43.70                               | 7.75                  | 1408.95                             |
|         | 04/18/06    | 3772.74                                  | 65.10                                   | 74.03                                     | 3706.57                                | 8.93               | 8.00                           | 1373.25                           | 0.50                            | 44.20                               | 8.50                  | 1417.45                             |
|         | 04/21/06    | 3772.74                                  | 65.15                                   | 74.05                                     | 3706.52                                | 8.90               | 7.50                           | 1380.75                           | 0.50                            | 44.70                               | 8.00                  | 1425.45                             |
|         | 04/26/06    | 3772.74                                  | 65.07                                   | 74.03                                     | 3706.59                                | 8.96               | 7.00                           | 1387.75                           | 0.50                            | 45.20                               | 7.50                  | 1432.95                             |
|         | 04/28/06    | 3772.74                                  | 65.14                                   | 73.95                                     | 3706.54                                | 8.81               | 8.50                           | 1396.25                           | 0.50                            | 45.70                               | 9.00                  | 1441.95                             |
|         | 05/04/06    | 3772.74                                  | 65.14                                   | 74.05                                     | 3706.53                                | 8.91               | 7.00                           | 1403.25                           | 0.50                            | 46.20                               | 7.50                  | 1449.45                             |
|         | 05/05/06    | 3772.74                                  | 65.17                                   | 74.08                                     | 3706.50                                | 8.91               | 8.50                           | 1411.75                           | 0.50                            | 46.70                               | 9.00                  | 1458.45                             |
|         | 05/10/06    | 3772.74                                  | 65.22                                   | 74.13                                     | 3706.45                                | 8.91               | 7.00                           | 1418.75                           | 0.50                            | 47.20                               | 7.50                  | 1465.95                             |
|         | 05/12/06    | 3772.74                                  | 65.17                                   | 74.10                                     | 3706.50                                | 8.93               | 7.50                           | 1426.25                           | 1.00                            | 48.20                               | 8.50                  | 1474.45                             |
|         | 05/16/06    | 3772.74                                  | 65.20                                   | 74.13                                     | 3706.47                                | 8.93               | 7.00                           | 1433.25                           | 1.00                            | 49.20                               | 8.00                  | 1482.45                             |
|         | 05/18/06    | 3772.74                                  | 65.20                                   | 74.03                                     | 3706.48                                | 8.83               | 7.00                           | 1440.25                           | 0.75                            | 49.95                               | 7.75                  | 1490.20                             |
|         | 05/23/06    | 3772.74                                  | 65.20                                   | 74.13                                     | 3706.47                                | 8.93               | 8.50                           | 1448.75                           | 1.50                            | 51.45                               | 10.00                 | 1500.20                             |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
Plains All American Pipeline, L.P.  
8" Moore to Jal #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-4    | 05/26/06    | 3772.74                                  | 65.20                                   | 74.07                                     | 3706.48                                | 8.87               | 6.50                           | 1455.25                           | 1.00                            | 52.45                               | 7.50                  | 1507.70                             |
|         | 05/30/06    | 3772.74                                  | 65.32                                   | 74.14                                     | 3706.36                                | 8.82               | 5.50                           | 1460.75                           | 0.25                            | 52.70                               | 5.75                  | 1513.45                             |
|         | 06/01/06    | 3772.74                                  | 65.23                                   | 74.05                                     | 3706.45                                | 8.82               | 6.75                           | 1467.50                           | 0.75                            | 53.45                               | 7.50                  | 1520.95                             |
|         | 06/06/06    | 3772.74                                  | 65.25                                   | 74.10                                     | 3706.43                                | 8.85               | 0.00                           | 1467.50                           | 0.00                            | 53.45                               | 0.00                  | 1520.95                             |
|         | 06/09/06    | 3772.74                                  | 65.21                                   | 74.13                                     | 3706.46                                | 8.82               | 8.50                           | 1476.00                           | 0.10                            | 53.55                               | 8.60                  | 1529.55                             |
|         | 06/13/06    | 3772.74                                  | 65.23                                   | 74.15                                     | 3706.44                                | 8.82               | 7.25                           | 1483.25                           | 0.50                            | 54.05                               | 7.75                  | 1537.30                             |
|         | 06/16/06    | 3772.74                                  | 65.25                                   | 74.15                                     | 3706.38                                | 8.85               | 5.25                           | 1488.50                           | 0.50                            | 54.55                               | 5.75                  | 1543.05                             |
|         | 06/20/06    | 3772.74                                  | 65.24                                   | 74.16                                     | 3706.43                                | 8.82               | 7.00                           | 1495.50                           | 0.50                            | 55.05                               | 7.50                  | 1550.55                             |
|         | 06/23/06    | 3772.74                                  | 65.23                                   | 74.18                                     | 3706.44                                | 8.95               | 7.50                           | 1503.00                           | 1.50                            | 56.55                               | 9.00                  | 1559.55                             |
|         | 06/27/06    | 3772.74                                  | 65.29                                   | 74.20                                     | 3706.38                                | 8.91               | 9.00                           | 1512.00                           | 0.50                            | 57.05                               | 9.50                  | 1569.05                             |
|         | 06/30/06    | 3772.74                                  | 65.28                                   | 74.17                                     | 3706.39                                | 8.89               | 8.00                           | 1520.00                           | 1.50                            | 58.55                               | 9.50                  | 1578.55                             |
|         | 07/05/06    | 3772.74                                  | 65.27                                   | 74.18                                     | 3706.40                                | 8.91               | 4.00                           | 1524.00                           | 0.00                            | 58.55                               | 4.00                  | 1582.55                             |
|         | 07/07/06    | 3772.74                                  | 65.33                                   | 74.16                                     | 3706.35                                | 8.83               | 8.50                           | 1532.50                           | 1.00                            | 59.55                               | 9.50                  | 1592.05                             |
|         | 07/11/06    | 3772.74                                  | 65.31                                   | 74.21                                     | 3706.36                                | 8.90               | 7.50                           | 1540.00                           | 1.00                            | 60.55                               | 8.50                  | 1600.55                             |
|         | 07/13/06    | 3772.74                                  | 65.34                                   | 74.11                                     | 3706.35                                | 8.77               | 7.50                           | 1547.50                           | 1.25                            | 61.80                               | 8.75                  | 1609.30                             |
|         | 07/18/06    | 3772.74                                  | 65.35                                   | 74.21                                     | 3706.33                                | 8.86               | 7.50                           | 1555.00                           | 1.00                            | 62.80                               | 8.50                  | 1617.80                             |
|         | 07/21/06    | 3772.74                                  | 65.34                                   | 74.20                                     | 3706.34                                | 8.86               | 0.00                           | 1555.00                           | 0.00                            | 62.80                               | 0.00                  | 1617.80                             |
|         | 07/25/06    | 3772.74                                  | 65.36                                   | 74.25                                     | 3706.31                                | 8.89               | 7.00                           | 1562.00                           | 1.00                            | 63.80                               | 8.00                  | 1625.80                             |
|         | 07/27/06    | 3772.74                                  | 65.33                                   | 74.14                                     | 3706.35                                | 8.81               | 7.50                           | 1569.50                           | 1.00                            | 64.80                               | 8.50                  | 1634.30                             |
|         | 08/01/06    | 3772.74                                  | 65.38                                   | 74.25                                     | 3706.30                                | 8.87               | 8.00                           | 1577.50                           | 1.00                            | 65.80                               | 9.00                  | 1643.30                             |
|         | 08/03/06    | 3772.74                                  | 65.66                                   | 74.17                                     | 3706.07                                | 8.52               | 7.52                           | 1585.02                           | 0.50                            | 66.30                               | 8.02                  | 1651.32                             |
|         | 08/09/06    | 3772.74                                  | 65.40                                   | 74.27                                     | 3706.28                                | 8.87               | 6.50                           | 1591.52                           | 1.25                            | 67.55                               | 7.75                  | 1659.07                             |
|         | 08/11/06    | 3772.74                                  | 65.74                                   | 74.15                                     | 3706.25                                | 8.70               | 6.50                           | 1598.02                           | 1.00                            | 68.55                               | 7.50                  | 1666.57                             |
|         | 08/15/06    | 3772.74                                  | 65.45                                   | 74.32                                     | 3706.23                                | 8.87               | 7.00                           | 1605.02                           | 0.50                            | 69.05                               | 7.50                  | 1674.07                             |
|         | 08/18/06    | 3772.74                                  | 65.45                                   | 74.28                                     | 3706.23                                | 8.83               | 7.50                           | 1612.52                           | 0.25                            | 69.30                               | 7.75                  | 1681.82                             |
|         | 08/25/06    | 3772.74                                  | 65.46                                   | 74.35                                     | 3706.21                                | 8.89               | 7.00                           | 1619.52                           | 0.25                            | 69.55                               | 7.25                  | 1689.07                             |
|         | 08/30/06    | 3772.74                                  | 65.48                                   | 74.37                                     | 3706.19                                | 8.89               | 7.50                           | 1627.02                           | 0.25                            | 69.80                               | 7.75                  | 1696.82                             |
|         | 09/12/06    | 3772.74                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 1627.02                           | 0.00                            | 69.80                               | 0.00                  | 1696.82                             |
|         | 09/15/06    | 3772.74                                  | 65.48                                   | 74.40                                     | 3706.19                                | 8.92               | 9.00                           | 1636.02                           | 0.50                            | 70.30                               | 9.50                  | 1706.32                             |
|         | 09/20/06    | 3772.74                                  | 65.48                                   | 74.38                                     | 3706.19                                | 8.90               | 8.00                           | 1644.02                           | 0.50                            | 70.80                               | 8.50                  | 1714.82                             |
|         | 09/26/06    | 3772.74                                  | 65.51                                   | 74.40                                     | 3706.16                                | 8.89               | 8.50                           | 1652.52                           | 0.25                            | 71.05                               | 8.75                  | 1723.57                             |
|         | 09/29/06    | 3772.74                                  | 65.52                                   | 74.39                                     | 3706.16                                | 8.87               | 0.00                           | 1652.52                           | 0.00                            | 71.05                               | 0.00                  | 1723.57                             |
|         | 10/04/06    | 3772.74                                  | 65.54                                   | 74.46                                     | 3706.13                                | 8.92               | 6.75                           | 1659.27                           | 0.25                            | 71.30                               | 7.00                  | 1730.57                             |
|         | 10/06/06    | 3772.74                                  | 65.57                                   | 74.37                                     | 3706.11                                | 8.80               | 6.00                           | 1665.27                           | 0.25                            | 71.55                               | 6.25                  | 1736.82                             |
|         | 10/12/06    | 3772.74                                  | 65.57                                   | 74.48                                     | 3706.10                                | 8.91               | 7.00                           | 1672.27                           | 0.25                            | 71.80                               | 7.25                  | 1744.07                             |
|         | 10/17/06    | 3772.74                                  | 65.59                                   | 74.50                                     | 3706.08                                | 8.91               | 8.00                           | 1680.27                           | 0.25                            | 72.05                               | 8.25                  | 1752.32                             |
|         | 10/20/06    | 3772.74                                  | 65.59                                   | 74.46                                     | 3706.10                                | 8.89               | 0.00                           | 1680.27                           | 0.00                            | 72.05                               | 0.00                  | 1752.32                             |
|         | 10/24/06    | 3772.74                                  | 65.55                                   | 74.50                                     | 3706.12                                | 8.95               | 0.00                           | 1680.27                           | 0.00                            | 72.05                               | 0.00                  | 1752.32                             |
|         | 10/26/06    | 3772.74                                  | 65.59                                   | 74.48                                     | 3706.08                                | 8.89               | 0.00                           | 1680.27                           | 0.00                            | 72.05                               | 0.00                  | 1752.32                             |
|         | 11/22/06    | 3772.74                                  | 65.65                                   | 74.66                                     | 3706.01                                | 9.01               | 8.00                           | 1688.27                           | 1.00                            | 73.05                               | 9.00                  | 1761.32                             |
|         | 11/28/06    | 3772.74                                  | 65.66                                   | 74.66                                     | 3706.00                                | 9.00               | 0.00                           | 1688.27                           | 0.00                            | 73.05                               | 0.00                  | 1761.32                             |
|         | 12/06/06    | 3772.74                                  | 65.78                                   | 74.78                                     | 3705.88                                | 9.00               | 8.50                           | 1696.77                           | 0.50                            | 73.55                               | 9.00                  | 1770.32                             |

**Table 1**  
**Summary of PSH Thickness & Gauging Measurements**  
 Plains All American Pipeline, L.P.  
 8" Moore to Jai #1 - 2002-10270

| WELL ID | DATE GAUGED | Relative Top of Casing Elevation (Feet)* | Depth to PSH Below Top of Casing (Feet) | Depth to Water Below Top of Casing (Feet) | Adjusted Potentiometric Surface(Feet)* | PSH THICKNESS (ft) | PSH Volume Recovered (gallons) | PSH Cumulative Recovery (gallons) | Water Volume Recovery (gallons) | Water Cumulative Recovery (gallons) | Total Volume Recovery | Total Cumulative Recovery (gallons) |
|---------|-------------|------------------------------------------|-----------------------------------------|-------------------------------------------|----------------------------------------|--------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| MW-4    | 12/08/06    | 3772.74                                  | 65.57                                   | 74.48                                     | 3706.10                                | 8.91               | 8.00                           | 1704.77                           | 0.25                            | 73.80                               | 8.25                  | 1778.57                             |
|         | 12/12/06    | 3772.74                                  | 65.72                                   | 74.72                                     | 3705.94                                | 9.00               | 8.00                           | 1712.77                           | 0.75                            | 74.55                               | 8.75                  | 1787.32                             |
|         | 12/15/06    | 3772.74                                  | 65.55                                   | 74.48                                     | 3706.12                                | 8.93               | 7.00                           | 1719.77                           | 0.25                            | 74.80                               | 7.25                  | 1794.57                             |
|         | 12/20/06    | 3772.74                                  | NM                                      | NM                                        | NM                                     | 0.00               | 0.00                           | 1719.77                           | 0.00                            | 74.80                               | 0.00                  | 1794.57                             |
|         | 12/22/06    | 3772.74                                  | 65.78                                   | 74.82                                     | 3705.88                                | 9.04               | 0.00                           | 1719.77                           | 0.00                            | 74.80                               | 0.00                  | 1794.57                             |
|         | 12/27/06    | 3772.74                                  | 65.8                                    | 74.82                                     | 3705.86                                | 9.02               | 0.00                           | 1719.77                           | 0.00                            | 74.80                               | 0.00                  | 1794.57                             |

NM=Not Measured



**Table 2**  
**Quarterly Summary of Hydrocarbon Recovery**  
**Plains All American Pipeline, L.P.**  
**8" Moore to Jal #1**  
**Lea County, NM - SRS# 2002-10270**  
**Talon/LPE Project Number PLAINS007SPL**

| <b>Date</b>             | <b>Monthly<br/>Hydrocarbons<br/>Recovered<br/>(gallons)</b> | <b>Monthly Water<br/>Recovered<br/>(gallons)</b> | <b>Monthly Total<br/>Fluids Recovered<br/>(gallons)</b> |
|-------------------------|-------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|
| January 2006            | 282.00                                                      | 10.25                                            | 292.25                                                  |
| February 2006           | 222.50                                                      | 11.75                                            | 234.25                                                  |
| March 2006              | 257.25                                                      | 20.30                                            | 277.55                                                  |
| <b>Quarterly Total</b>  | <b>761.75</b>                                               | <b>42.30</b>                                     | <b>804.05</b>                                           |
| April 2006              | 219.25                                                      | 15.30                                            | 234.55                                                  |
| May 2006                | 259.72                                                      | 29.40                                            | 289.12                                                  |
| June 2006               | 237.70                                                      | 23.60                                            | 261.30                                                  |
| <b>Quarterly Total</b>  | <b>716.67</b>                                               | <b>68.30</b>                                     | <b>784.97</b>                                           |
| <b>Total Six Months</b> | <b>1478.42</b>                                              | <b>110.60</b>                                    | <b>1589.02</b>                                          |
| July 2006               | 211.00                                                      | 31.25                                            | 242.25                                                  |
| August 2006             | 216.52                                                      | 27.75                                            | 244.27                                                  |
| September 2006          | 89.50                                                       | 9.00                                             | 98.50                                                   |
| <b>Quarterly Total</b>  | <b>517.02</b>                                               | <b>68.00</b>                                     | <b>585.02</b>                                           |
| October 2006            | 104.25                                                      | 7.00                                             | 111.25                                                  |
| November 2006           | 41.00                                                       | 2.25                                             | 43.25                                                   |
| December 2006           | 138.00                                                      | 6.25                                             | 144.25                                                  |
| <b>Quarterly Total</b>  | <b>283.25</b>                                               | <b>15.50</b>                                     | <b>298.75</b>                                           |
| <b>Total Six Months</b> | <b>800.27</b>                                               | <b>83.50</b>                                     | <b>883.77</b>                                           |
| <b>Total FY 2006</b>    | <b>2278.69</b>                                              | <b>194.10</b>                                    | <b>2472.79</b>                                          |

APPENDIX C - NMOCD C-141

|                                                                                                                                                     |         |                                                                                             |                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EOTT Site Information and Metrics</b>                                                                                                            |         | <b>Incident Date:</b><br><b>10-18-02 @ 10:00 AM</b>                                         | <b>NMOCD Notified:</b><br>10-18-02 @ 11:00 AM Pat McCasland EPI left message with Paul Sheeley and sent page to the "ON-CALL" representative |
| <b>SITE:</b> 8" Moore to Jal #1                                                                                                                     |         | <b>Assigned Site Reference #:</b> 2002-10270                                                |                                                                                                                                              |
| <b>Company:</b> EOTT                                                                                                                                |         |                                                                                             |                                                                                                                                              |
| <b>Street Address:</b> PO Box 1660                                                                                                                  |         |                                                                                             |                                                                                                                                              |
| <b>Mailing Address:</b> 5805 East Highway 80                                                                                                        |         |                                                                                             |                                                                                                                                              |
| <b>City, State, Zip:</b> Midland, Texas 79702                                                                                                       |         |                                                                                             |                                                                                                                                              |
| <b>Representative:</b> Frank Hernandez                                                                                                              |         |                                                                                             |                                                                                                                                              |
| <b>Representative Telephone:</b> 915.638.3799                                                                                                       |         |                                                                                             |                                                                                                                                              |
| <b>Telephone:</b>                                                                                                                                   |         |                                                                                             |                                                                                                                                              |
| <b>Fluid volume released (bbls):</b> 200 bbls                                                                                                       |         | <b>Recovered (bbls):</b> 0 bbls                                                             |                                                                                                                                              |
| >25 bbls: Notify NMOCD verbally within 24 hrs and submit form C-141 within 15 days.<br>(Also applies to unauthorized releases >500 mcf Natural Gas) |         |                                                                                             |                                                                                                                                              |
| 5-25 bbls: Submit form C-141 within 15 days (Also applies to unauthorized releases of 50-500 mcf Natural Gas)                                       |         |                                                                                             |                                                                                                                                              |
| <b>Leak, Spill, or Pit (LSP) Name:</b> 8" Moore to Jal #1                                                                                           |         |                                                                                             |                                                                                                                                              |
| <b>Source of contamination:</b> 8" Steel Pipeline                                                                                                   |         |                                                                                             |                                                                                                                                              |
| <b>Land Owner, i.e., BLM, ST, Fee, Other:</b> State of New Mexico                                                                                   |         |                                                                                             |                                                                                                                                              |
| <b>LSP Dimensions</b> ~200' x 40'                                                                                                                   |         |                                                                                             |                                                                                                                                              |
| <b>LSP Area:</b> 8,000 sqft ft <sup>2</sup>                                                                                                         |         |                                                                                             |                                                                                                                                              |
| <b>Location of Reference Point (RP)</b>                                                                                                             |         |                                                                                             |                                                                                                                                              |
| <b>Location distance and direction from RP</b>                                                                                                      |         |                                                                                             |                                                                                                                                              |
| <b>Latitude:</b> 32° 50' 12.36"N                                                                                                                    |         |                                                                                             |                                                                                                                                              |
| <b>Longitude:</b> 103° 15' 26.234"W.                                                                                                                |         |                                                                                             |                                                                                                                                              |
| <b>Elevation above mean sea level:</b>                                                                                                              |         |                                                                                             |                                                                                                                                              |
| <b>Feet from South Section Line</b>                                                                                                                 |         |                                                                                             |                                                                                                                                              |
| <b>Feet from West Section Line</b>                                                                                                                  |         |                                                                                             |                                                                                                                                              |
| <b>Location- Unit or ¼:</b> SE¼ of the NW¼                                                                                                          |         | <b>Unit Letter:</b> F                                                                       |                                                                                                                                              |
| <b>Location- Section:</b> 16                                                                                                                        |         |                                                                                             |                                                                                                                                              |
| <b>Location- Township:</b> T17S                                                                                                                     |         |                                                                                             |                                                                                                                                              |
| <b>Location- Range:</b> R37E                                                                                                                        |         |                                                                                             |                                                                                                                                              |
| <b>Surface water body within 1000' radius of site:</b> none                                                                                         |         |                                                                                             |                                                                                                                                              |
| <b>Surface water body within 1000' radius of site:</b>                                                                                              |         |                                                                                             |                                                                                                                                              |
| <b>Domestic water wells within 1000' radius of site:</b> none                                                                                       |         |                                                                                             |                                                                                                                                              |
| <b>Domestic water wells within 1000' radius of site:</b>                                                                                            |         |                                                                                             |                                                                                                                                              |
| <b>Agricultural water wells within 1000' radius of site:</b> none                                                                                   |         |                                                                                             |                                                                                                                                              |
| <b>Agricultural water wells within 1000' radius of site:</b>                                                                                        |         |                                                                                             |                                                                                                                                              |
| <b>Public water supply wells within 1000' radius of site:</b> none                                                                                  |         |                                                                                             |                                                                                                                                              |
| <b>Public water supply wells within 1000' radius of site:</b>                                                                                       |         |                                                                                             |                                                                                                                                              |
| <b>Depth from land surface to ground water (DG)</b> ~66'bgs                                                                                         |         |                                                                                             |                                                                                                                                              |
| <b>Depth of contamination (DC)</b> - ?                                                                                                              |         |                                                                                             |                                                                                                                                              |
| <b>Depth to ground water (DG - DC = DtGW)</b> - ?                                                                                                   |         |                                                                                             |                                                                                                                                              |
| <b>1. Ground Water</b>                                                                                                                              |         | <b>2. Wellhead Protection Area</b>                                                          |                                                                                                                                              |
| If Depth to GW <50 feet: <i>20 points</i>                                                                                                           |         | If <1000' from water source, or; <200' from private domestic water source: <i>20 points</i> |                                                                                                                                              |
| If Depth to GW 50 to 99 feet: <i>10 points</i>                                                                                                      |         | If >1000' from water source, or; >200' from private domestic water source: <i>0 points</i>  |                                                                                                                                              |
| If Depth to GW >100 feet: <i>0 points</i>                                                                                                           |         |                                                                                             |                                                                                                                                              |
| Ground water Score = 10                                                                                                                             |         | Wellhead Protection Area Score = 0                                                          |                                                                                                                                              |
| Site Rank (1+2+3) = 10                                                                                                                              |         | Surface Water Score = 0                                                                     |                                                                                                                                              |
| <b>Total Site Ranking Score and Acceptable Concentrations</b>                                                                                       |         |                                                                                             |                                                                                                                                              |
| Parameter                                                                                                                                           | >19     | 10-19                                                                                       | 0-9                                                                                                                                          |
| Benzene <sup>1</sup>                                                                                                                                | 10 ppm  | 10 ppm                                                                                      | 10 ppm                                                                                                                                       |
| BTEX <sup>1</sup>                                                                                                                                   | 50 ppm  | 50 ppm                                                                                      | 50 ppm                                                                                                                                       |
| TPH                                                                                                                                                 | 100 ppm | 1000 ppm                                                                                    | 5000 ppm                                                                                                                                     |

<sup>1</sup>100 ppm field VOC headspace measurement may be substituted for lab analysis

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

|                                                                  |                                    |
|------------------------------------------------------------------|------------------------------------|
| Name of Company<br><b>EOTT</b>                                   | Contact<br><b>Frank Hernandez</b>  |
| Address<br>PO Box 1660 5805 East Highway 80 Midland, Texas 79702 | Telephone No.<br>915.638.3799      |
| Facility Name<br>8" Moore to Jal #1                              | Facility Type<br>8" Steel Pipeline |

|                                      |               |           |
|--------------------------------------|---------------|-----------|
| Surface Owner<br>State of New Mexico | Mineral Owner | Lease No. |
|--------------------------------------|---------------|-----------|

**LOCATION OF RELEASE**

|                   |               |                  |               |               |                  |               |                |                                                                |
|-------------------|---------------|------------------|---------------|---------------|------------------|---------------|----------------|----------------------------------------------------------------|
| Unit Letter<br>16 | Section<br>16 | Township<br>T17S | Range<br>R37E | Feet from the | North/South Line | Feet from the | East/West Line | County: Lea<br>Lat. 32° 50' 12.36"N<br>Lon. 103° 15' 26.234"W. |
|-------------------|---------------|------------------|---------------|---------------|------------------|---------------|----------------|----------------------------------------------------------------|

**NATURE OF RELEASE**

|                                                                                                                                          |                                                                                                                                     |                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Type of Release<br>Crude Oil                                                                                                             | Volume of Release<br>200 bbls barrels                                                                                               | Volume Recovered<br>0 bbls barrels               |
| Source of Release<br>8" Steel Pipeline                                                                                                   | Date and Hour of Occurrence<br>EOTT                                                                                                 | Date and Hour of Discovery<br>10-18-02 @ 8:00 AM |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom?<br>Paul Sheeley                                                                                                    |                                                  |
| By Whom?<br>Pat McCasland, EPI                                                                                                           | Date and Hour<br>10-18-02 @ 11:00 AM Pat McCasland EPI left message with Paul Sheeley and sent page to the "ON-CALL" representative |                                                  |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                           | If YES, Volume Impacting the Watercourse.<br>NA                                                                                     |                                                  |

If a Watercourse was Impacted, Describe Fully.\*  
NA

Describe Cause of Problem and Remedial Action Taken.\*  
8" Steel Pipeline Site will be delineated to determine the vertical and horizontal extents of contamination. Contaminated soil will be blended on site or disposed of.

Describe Area Affected and Cleanup Action Taken.\*  
8,000 sqft ~200' x 40' Site will be delineated to determine the vertical and horizontal extents of contamination. Contaminated soil will be blended on site or disposed of. Remedial Goals: TPH 8015m = 1000 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.

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:

Printed Name: Frank Hernandez

Title: District Environmental Supervisor

Date: October 23, 2003

Phone: 915.638.3799

**OIL CONSERVATION DIVISION**

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

\* Attach Additional Sheets If Necessary