

1R - 951

**REPORTS**

**DATE:**

7-25-12

1R-951



July 25, 2012

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

Re: Notification of Plains Marketing, L.P. Plugging and Abandonment of Monitor Well  
Plains South Monument Gathering Sour  
NW ¼, NE ¼, Section 5, T-20-S, R-37-E  
Lea County, NM

2012 AUG -9 A 10:52  
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Dear Mr. Hansen,

NOVA Safety and Environmental (NOVA), on behalf of Plains Marketing, L.P. (Plains) respectfully submits the following notification of plugging and abandonment of monitor wells at the Plains South Monument Gathering Sour leak site, located in the NW ¼, NE ¼, Section 5, T-20-S, R-37-E in Lea County, NM.

On June 13, 2012, three (3) monitor wells were plugged and abandoned at the Plains South Monument Gathering Sour site. Please reference your letter to Mr. Jason Henry of Plains Marketing L.P. dated March 29, 2012 regarding authorization to plug and abandon these wells.

The monitor wells were plugged and abandoned by Straub Corporation, Inc (Straub) of Stanton, Texas, a licensed water well driller in the State of New Mexico. The monitor wells were plugged utilizing guidelines set forth by the office of the New Mexico State Engineer. Straub removed and disposed of the monitor well cover, vault, and the remains of the concrete pad.

Monitor wells MW-1 through MW-3 were each filled with approximately 2 bags of bentonite hole plug to a depth of approximately two (2) bgs and properly hydrated with water. Concrete was placed from approximately two (2) bgs to the surface and hydrated with water. Topsoil was placed above the former monitor well to complete the procedure.

The former monitor well locations are as follows:

- MW-1, 32 degrees, 36.460' N, 103 degrees, 16.460 W.
- MW-2, 32 degrees, 36.498' N, 103 degrees, 16.438 W.
- MW-3, 32 degrees, 36.471' N, 103 degrees, 16.481 W.

Plains completed the approved plugging and abandonment of the above referenced monitor wells as directed by the New Mexico Oil Conservation Division (NMOCD).

On July 12 and 13, 2012, Plains conducted the requested reseedling activities at the site consisting of thoroughly plowing the remediated areas and applying a landowner approved BLM #3 seed mixture.

Sincerely,



Ronald K. Rounsaville  
Senior Project Manager  
NOVA Safety and Environmental

cc:

Geoffrey Leking, NMOCD, Hobbs, NM  
Jason Henry, Plains Marketing, L.P., Denver City, TX  
jhenry@paalp.com  
Jeff Dann, Plains Marketing, L.P., Houston, TX  
jpdann@paalp.com  
NOVA Safety and Environmental, Midland, TX  
rrounsaville@novatraining.cc

Attachments:

Attachment #1 – Form C-141 – Release Notification and Corrective Action  
Attachment #2 – State of New Mexico Well Record & Log – Plugging Reports  
Attachment #3 – Photo documentation of reseedling activities

**ATTACHMENT # 1**  
**Release Notification and Corrective Action**  
**(Form C-141)**

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

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**

x Initial Report  Final Report

Name of Company Plains Marketing, LP	Contact Camille Reynolds	
Address 5805 East Hwy. 80, Midland, TX 79706	Telephone No. 505-441-0965	
Facility Name South Monument Gathering Sour	Facility Type 6"Steel Pipeline	
Surface Owner Jimmie Cooper	Mineral Owner	Lease No.

**LOCATION OF RELEASE**

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

Latitude 32° 36' 29.0" Longitude 103° 16' 26.8"

**NATURE OF RELEASE**

Type of Release Crude Oil	Volume of Release 1200 barrels	Volume Recovered 910 barrels
Source of Release 6" Steel Pipeline	Date and Hour of Occurrence 11-20-01	Date and Hour of Discovery 11-20-01
Was Immediate Notice Given? x Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Frank Hernandez	Date and Hour 11-20-01@16:15	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* Internal corrosion of 6 inch steel pipeline resulted in crude oil release. Clamp was applied to the line to mitigate the release.

Describe Area Affected and Cleanup Action Taken.\* The crude oil was vacuumed up and the impacted soil was excavated and stockpiled on plastic. Initial response activities included excavation and stockpiling of approximately 5,000 to 7,000 cubic yards of soil. Future response activities will include a soil and groundwater investigation and preparation of a remedial action plan.

**NOTE: This information was obtained from historical EOTT files, Plains acquired EOTT/Link Energy on April 1, 2004 and Plains assumes this information to be correct.**

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

		<b><u>OIL CONSERVATION DIVISION</u></b>	
Signature:	Approved by District Supervisor:		
Printed Name: Camille Reynolds	Approval Date:		
Title: Remediation Coordinator	Expiration Date:		
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 12-29-04	Phone: 505-441-0965		

\* Attach Additional Sheets If Necessary

**ATTACHMENT # 2**  
**State of New Mexico Drillers Plugging Record**



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SOUTH MONUMENT SOUR MW-1 (NMOCD 1R-951)

Well owner: PLAINS ALL AMERICAN PIPELINE L.P. \Phone No.: 713-646-4657

Mailing address: 333 CLAY STREET, SUITE 1600

City: HOUSTON State: TEXAS Zip code: 77002

## II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: STRAUB CORPORATION

2) New Mexico Well Driller License No.: WD1478 Expiration Date: JUNE 2013

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s) MARTIN STRAUB

4) Date well plugging began: 6-13-12 Date well plugging concluded: 6-13-12

5) GPS Well Location: Latitude: 32 deg, 36 min, 28 sec  
Longitude: 103 deg, 16 min, 26 sec, NAD 83

6) Depth of well confirmed at initiation of plugging as: 40 ft below ground level (bgl),  
by the following manner: \_\_\_\_\_

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: JUNE 11, 2012

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
5	CONCRETE	40lbs CONCRETE		TOPLOAD	3 FT OF 2" CASING REMOVED FROM WELL
40	BENTONITE 3/8 HOLEPLUG	2 50# BAGS	1.10 50# BAGS	TREMIE	

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

**III. SIGNATURE:**

I, \_\_\_\_\_, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

*Marti Itah*

Signature of Well Driller

7-11-12

Date



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SOUTH MONUMENT SOUR MW-2 (NMOCD 1R-951)

Well owner: PLAINS ALL AMERICAN PIPELINE L.P. Phone No.: 713-646-4657

Mailing address: 333 CLAY STREET, SUITE 1600

City: HOUSTON State: TEXAS Zip code: 77002

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: STRAUB CORPORATION
- 2) New Mexico Well Driller License No.: WD1478 Expiration Date: JUNE 2013
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s) MARTIN STRAUB
- 4) Date well plugging began: 6-13-12 Date well plugging concluded: 6-13-12
- 5) GPS Well Location: Latitude: 32 deg, 36 min, 28 sec  
Longitude: 103 deg, 16 min, 26 sec, NAD 83
- 6) Depth of well confirmed at initiation of plugging as: 40 ft below ground level (bgl),  
by the following manner: \_\_\_\_\_
- 7) Static water level measured at initiation of plugging: N/A ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: JUNE 11, 2012
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
5	CONCRETE	40lbs CONCRETE		TOPLOAD	3 FT OF 2" CASING REMOVED FROM WELL
40	BENTONITE 3/8 HOLEPLUG	2 50# BAGS	1.10 50# BAGS	TREMIE	

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

**III. SIGNATURE:**

I, \_\_\_\_\_, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

*Matti Stahl*

Signature of Well Driller

7-11-12

Date



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: SOUTH MONUMENT SOUR MW-3 (NMOCD 1R-951)

Well owner: PLAINS ALL AMERICAN PIPELINE L.P. \Phone No.: 713-646-4657

Mailing address: 333 CLAY STREET, SUITE 1600

City: HOUSTON State: TEXAS Zip code: 77002

## II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: STRAUB CORPORATION

2) New Mexico Well Driller License No.: WD1478 Expiration Date: JUNE 2013

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s) MARTIN STRAUB

4) Date well plugging began: 6-13-12 Date well plugging concluded: 6-13-12

5) GPS Well Location: Latitude: 32 deg, 36 min, 28 sec  
Longitude: 103 deg, 16 min, 26 sec, NAD 83

6) Depth of well confirmed at initiation of plugging as: 40 ft below ground level (bgl),  
by the following manner: \_\_\_\_\_

7) Static water level measured at initiation of plugging: N/A ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: JUNE 11, 2012

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For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
5	CONCRETE	40lbs CONCRETE		TOPLOAD	3 FT OF 2" CASING REMOVED FROM WELL
40	BENTONITE 3/8 HOLEPLUG	2 50# BAGS	1.10 50# BAGS	TREMIE	

  

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

**III. SIGNATURE:**

I, \_\_\_\_\_, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

*Mark Stahl*

Signature of Well Driller

7-11-12

Date

**ATTACHMENT # 3**  
**Photo Documentation of Reseeding Activities**

**Client:** Plains Marketing, L.P.  
**Location:** Lea County, New Mexico

**Project Name:** S. Monument Gath. Sour  
**Photographer:** Ron Rounsaville

**Photograph No. 1**

**Direction:** West

**Description:** View of the former excavation area being plowed in preparation for seeding.



**Photograph No. 2**

**Direction:** North

**Description:** View of the seed mixture application to the former excavation area.



**Client:** Plains Marketing, L.P.  
**Location:** Lea County, New Mexico

**Project Name:** S. Monument Gath. Sour  
**Photographer:** Ron Rounsaville

**Photograph No. 3**

**Direction:** East

**Description:** View of the former main excavation area following reseeding.



**Photograph No. 4**

**Direction:**

**Description:** View of the seed mixture as requested by the property owner.

