

# LETTER OF TRANSMITTAL

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ENVIRONMENTAL PLUS, INC.



Date: June 18, 2010  
To: **Mr. Geoffrey Leking**  
Company Name: New Mexico Oil Conservation Division  
Address: 1625 North French Drive  
City / State / Zip: Hobbs, New Mexico 88240  
From: David P. Duncan  
CC: Ms. Becky Moore, Compliance Coordinator – Centurion Pipeline, L.P.  
Cody Miller, General Manager – EPI  
Roger Boone, Operations Superintendent - EPI  
Project #: NMOCD Ref. #1RP-2484-0; EPI Ref. #255016  
Project Name: Brahaney Gathering System  
Subject: **Final Closure Report**

# of originals	# of copies	Description
1		Centurion Pipeline, L.P. - Brahaney Gathering System – Final Closure Report

## Remarks

Dear Mr. Leking:

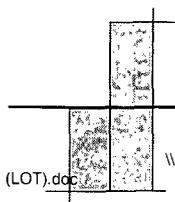
Enclosed is the *Final Closure Report* for the above referenced project. EPI will distribute copies to appropriate individuals noted above. Should you have any technical questions or concerns, please contact me (575) 394-3481 (office), (575) 441-7802 (cellular) or via email at dduncanepi@gmail.com.

Sincerely,

David P. Duncan  
Civil Engineer  
EPI Project Manager

Document approved by:  
*Geoffrey Leking*  
NMOCD - Hobbs  
12/17/10

P. O. Box 1558  
Eunice, NM 88231  
(575) 394-3481  
Fax: (575) 394-2601



# FINAL CLOSURE REPORT

## BRAHANEY GATHERING SYSTEM

NMOCD REF. 1RP-2484-0

EPI REF: #255016

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UL-D (NW¼ OF THE NW¼) OF SECTION 04, T 13 S, R 38 E

~12 MILES EAST BY SOUTHEAST OF TATUM,

LEA COUNTY, NEW MEXICO

LATITUDE: N 33° 13' 28.83"      LONGITUDE: W 103° 06' 36.37"

**JUNE 2010**

*PREPARED BY:*

ENVIRONMENTAL PLUS, INC.  
P.O. BOX 1558  
2100 WEST AVENUE O  
EUNICE, NEW MEXICO 88231

*PREPARED FOR:*

CENTURION PIPELINE, L.P.  
6 DESTA DRIVE, SUITE 5050  
P.O. BOX 51790  
MIDLAND, TEXAS 79710



ENVIRONMENTAL PLUS, INC.  
CONSULTING AND ENVIRONMENTAL REMEDIATION

18 June 2010

Mr. Geoffrey Leking  
Environmental Engineer  
New Mexico Oil Conservation Division  
1625 North French Drive  
Hobbs, New Mexico 88240

RECEIVED  
JUN 21 2010  
HOBSOCD

RE: **Final Closure Report**  
**Centurion Pipeline, L.P. – Brahaney Gathering System Release Area**  
**UL-D (NW ¼ of the NW ¼) of Section 04, T 13 S, R 38 E**  
**Longitude: N 33° 13' 28.83"; Latitude: W 103° 06' 36.37"**  
**Lea County, New Mexico**  
**NMOCD Ref. 1RP-10-4-2484; EPI Ref. #255016**

Mr. Leking:

On behalf of Centurion Pipeline, L.P., Environmental Plus, Inc., (EPI) submits the following *Final Closure Report Letter* which addresses remediation of a spill release caused by rupture of a crude oil pipeline. For clarity and cross reference elimination purposes, the *Final Closure Report Letter* offers Site Background history, Emergency Response, Remedial Activities, Analytical Data and Conclusions.

**Site Background**

The Site is located in UL-D (NW ¼ of the NW ¼) of Section 04, T 13 S, R 38 E at an approximate elevation of 3,829 feet above mean sea level (amsl). A search for water wells was completed utilizing the New Mexico Office of the State Engineers website and a database maintained by the United States Geological Survey (USGS). One (1) water well and zero (0) surface water features exist within a 1,000 feet radius of the Site (reference *Figure 2*). Groundwater data indicates average water depth is approximately 50 feet below ground surface (bgs). Based on available information, projected distance between impacted soil and groundwater is approximately 36 vertical feet. Utilizing this information, New Mexico Oil Conservation Division (NMOCD) Remedial Goals for this Site were determined as follows:

Parameter	Remedial Goal
Benzene	10 parts per million
BTEX	50 parts per million
TPH	100 parts per million

\*Chloride residuals may not be capable of impacting local groundwater above NMWQCC Standards of 250 mg/L

ENVIRONMENTAL PLUS, INC.



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## **Emergency Response**

On April 06, 2010 approximately 150-barrels of sweet crude oil were released from an eight (8) inch diameter steel pipeline covering an area of approximately 39,300 square feet of grazing land. The pipeline was immediately deactivated by Centurion Pipeline, L.P., (Centurion) personnel. Vacuum trucks recovered approximately 120-barrels of sweet crude oil and transported the fluid to a Centurion tank battery for reclamation. A repair clamp was placed around the leak and the pipeline returned to temporary service. On April 9, 2010 the existing steel pipeline was replaced with approximately 500-linear feet of eight (8) inch diameter tar coated and wrapped steel piping.

EPI mobilized to an Emergency Response on April 06, 2010 and started preventative remediation activities within the release area. Following natural slope of the ground, the crude sweet oil created a release area on the east side of pipeline ROW. From April 06-08, 2010 soil contaminated with petroleum products was scraped from the ground, blended with existing "on-site" natural sandy soil and stockpiled within the release area. This procedure was necessary as it afforded an opportunity for aeration and drying while decreasing chances of deeper penetration of crude sweet oil products into the ground.

## **Remedial Activities**

From April 09 through May 07, 2010 EPI excavated and transported  $\pm 3,582$  cubic yards of impacted material to Environmental Plus, Inc. Landfarm (New Mexico Permit No. NM-01-0013) for remedial action. An estimated 1,900-cubic yards of caliche and soil were transported to Centurion's Wasson Station located near Denver City, Texas. Transported soils were less than 10,000 mg/Kg TPH concentrations. Approximately 1,170 cubic yards of impacted material was shredded and blended "on-site" with clean local sandy soil in a ratio where the composite was below primary NMOCD Remedial Threshold goals (BTEX, TPH and chloride concentrations). This material was used for backfilling the excavations and release area.

Primary area of excavation was around two (2) existing pipelines. Delineation and removal of impacted material required an excavation of fourteen (14) feet below ground surface. After removal of impacted material, the excavation was backfilled with "on-site" natural sandy soil. After completion of backfill to bottom of pipelines for lateral support, earthen support columns containing impacted material were removed and backfilled with similar material. During excavation and backfill operations, extreme care was exerted to prevent damage to existing pipelines.

For analytical control during the entire excavation/backfill operations, soil samples were collected and tested in the field for TPH concentrations utilizing a Photoionization Detector (PID) calibrated for benzene detection. Due to the release being sweet crude oil, random field analyses utilizing a LaMotte Chloride Test Kit (titration method) were conducted for chloride concentrations

After field analyses determined bottom/sidewalls of excavations were within NMOCD Remedial Threshold goals, soil samples were collected by EPI personnel and transported to an independent laboratory for analyses of BTEX, TPH and chloride concentrations. Collection of critical soil samples were completed under the surveillance of NMOCD personnel. Upon receipt of

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laboratory analyses indicating NMOCD Remedial Threshold goals were attained, the excavations were backfilled. Backfill operations were completed on May 21, 2010.

**Analytical Data**

Table 2, *Summary of Soil Sample Field Analyses and Laboratory Analytical Results*, list the values of field analyses and laboratory analytical results. Due to close proximity of soil samples collected in the pipeline excavations, no Soil Sample Location Figure was generated.

**Conclusions**

As evidenced by analytical data contained in Table 2, efforts extended in remediation of the release point and surrounding area were successful. Impacted material was removed from sidewalls and bottom of excavations. Excavations were backfilled with clean “on-site” natural sandy soil and/or blended material. Based on data and remediation procedures presented in this *Final Closure Report*, EPI on behalf of Centurion Pipeline, Inc., requests the NMOCD require “no further action” of this site and issue a *Site Closure Letter*.

Should you have any technical questions or concerns, please contact me at (575) 394-3481 (office), (575) 441-7802 (mobile) or via email at [dduncanepi@gmail.com](mailto:dduncanepi@gmail.com).

Official communications should be directed to Ms. Becky Moore, Compliance Coordinator, at (432) 686-6805 (office) or via email at [Rebecca\\_Moore@oxy.com](mailto:Rebecca_Moore@oxy.com) with correspondence addressed to:

Ms. Becky Moore  
Compliance Coordinator  
Centurion Pipeline, L.P.  
6 Desta Drive, Ste. 5050  
P.O. Box 51790  
Midland, Texas 79710

Sincerely,

ENVIRONMENTAL PLUS, INC.,

David P. Duncan  
Civil Engineer  
EPI Project Manager

Cc: Ms. Becky Moore, Compliance Coordinator – Centurion Pipeline, L.P.  
Cody Miller, General Manager - EPI  
Roger Boone, Operations Superintendent - EPI

Encl: Figure 1 – Area Map  
Figure 2 – Site Location Map  
Figure 3 – Site Map



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Figure 4 – Soil Sample Locations (5-20-10 & 6-01-10)

Table 1 – Well Data

Table 2 – Summary of Excavation Soil Sample Field Analysis and Laboratory Analytical Results

Attachment I – Site Photographs

Attachment II – Laboratory Analytical Data and Chain-of-Custody Forms

Attachment III – Copy of Initial NMOCD Form C-141

Final NMOCD Form C-141

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**FIGURES**

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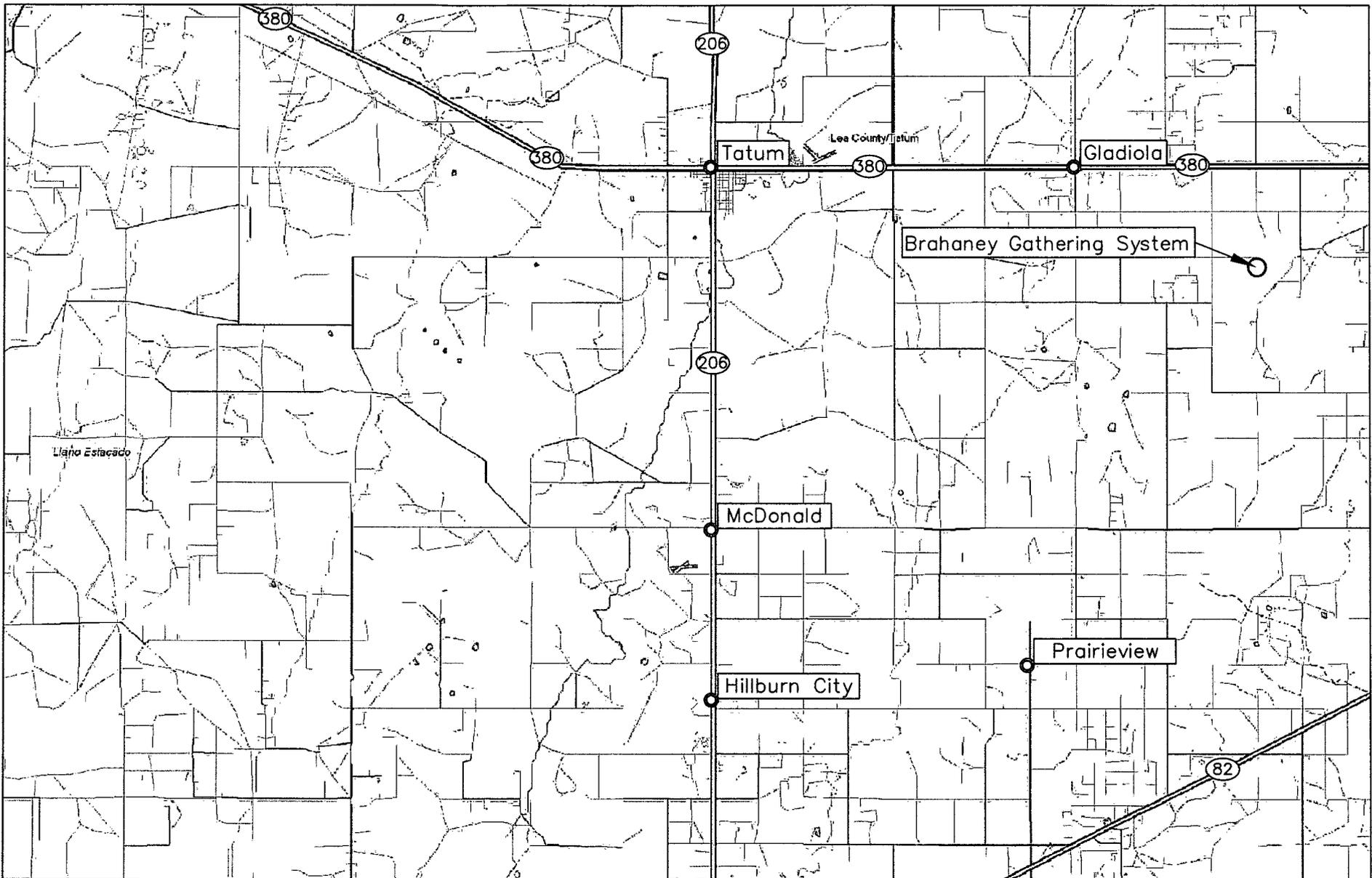
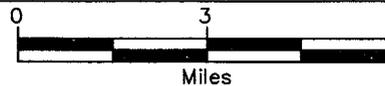


Figure 1  
 Area Map  
 Centurion Pipeline, L.P.  
 Brahaney Gathering System

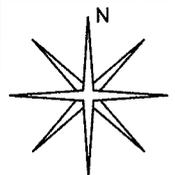
Lea County, New Mexico  
 NW 1/4 of the NW 1/4, Sec. 4, T13S, R38E  
 N 33° 13' 28.83" W 103° 06' 36.37"  
 Elevation: 3,829 feet amsl

DWG By: D Dominguez  
 April 2010

REVISED:



SHEET  
 1 of 1



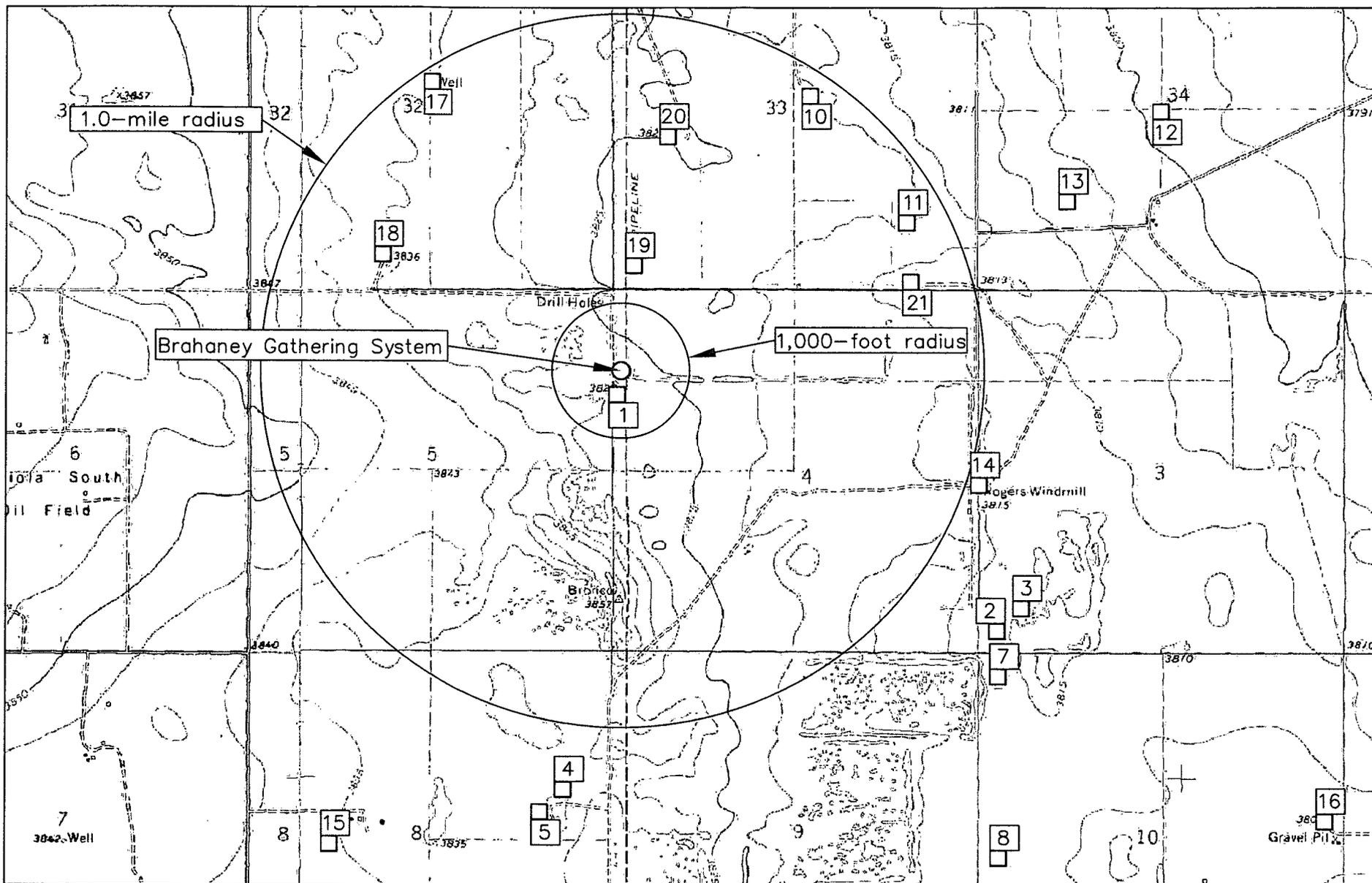
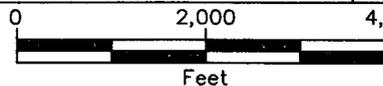


Figure 2  
 Site Location Map  
 Centurion Pipeline, L.P.  
 Brahaney Gathering System

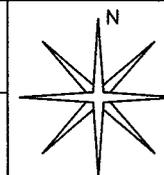
Lea County, New Mexico  
 NW 1/4 of the NW 1/4, Sec. 4, T13S, R38E  
 N 33° 13' 28.83" W 103° 06' 36.37"  
 Elevation: 3,829 feet amsl

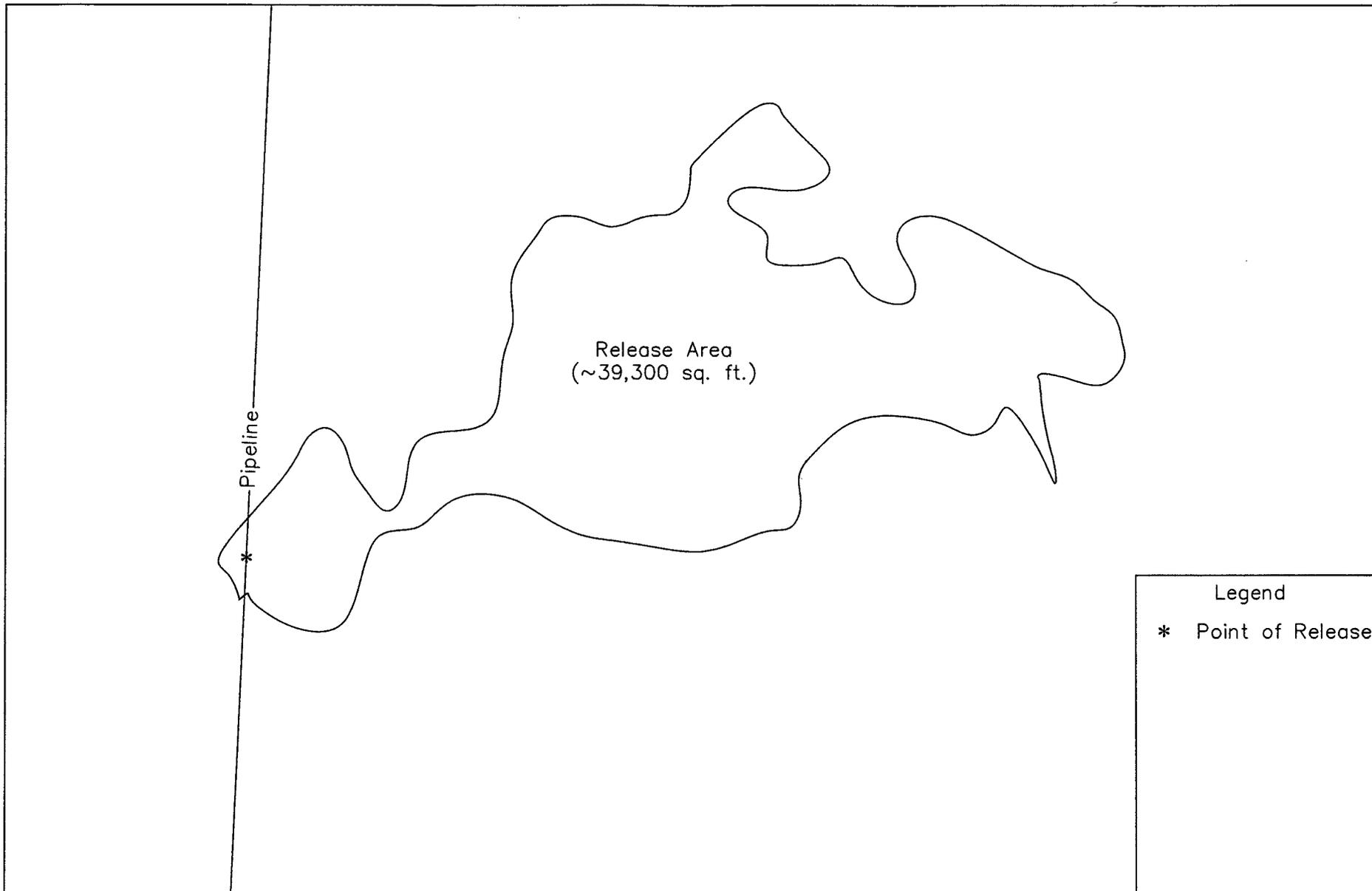
DWG By: D Dominguez  
 April 2010

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 1 of 1





Legend

\* Point of Release

Figure 3  
Site Map  
Centurion Pipeline, L.P.  
Brahoney Gathering System

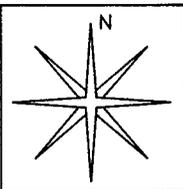
Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 4, T13S, R38E  
N 33° 13' 28.83" W 103° 06' 36.37"  
Elevation: 3,829 feet amsl

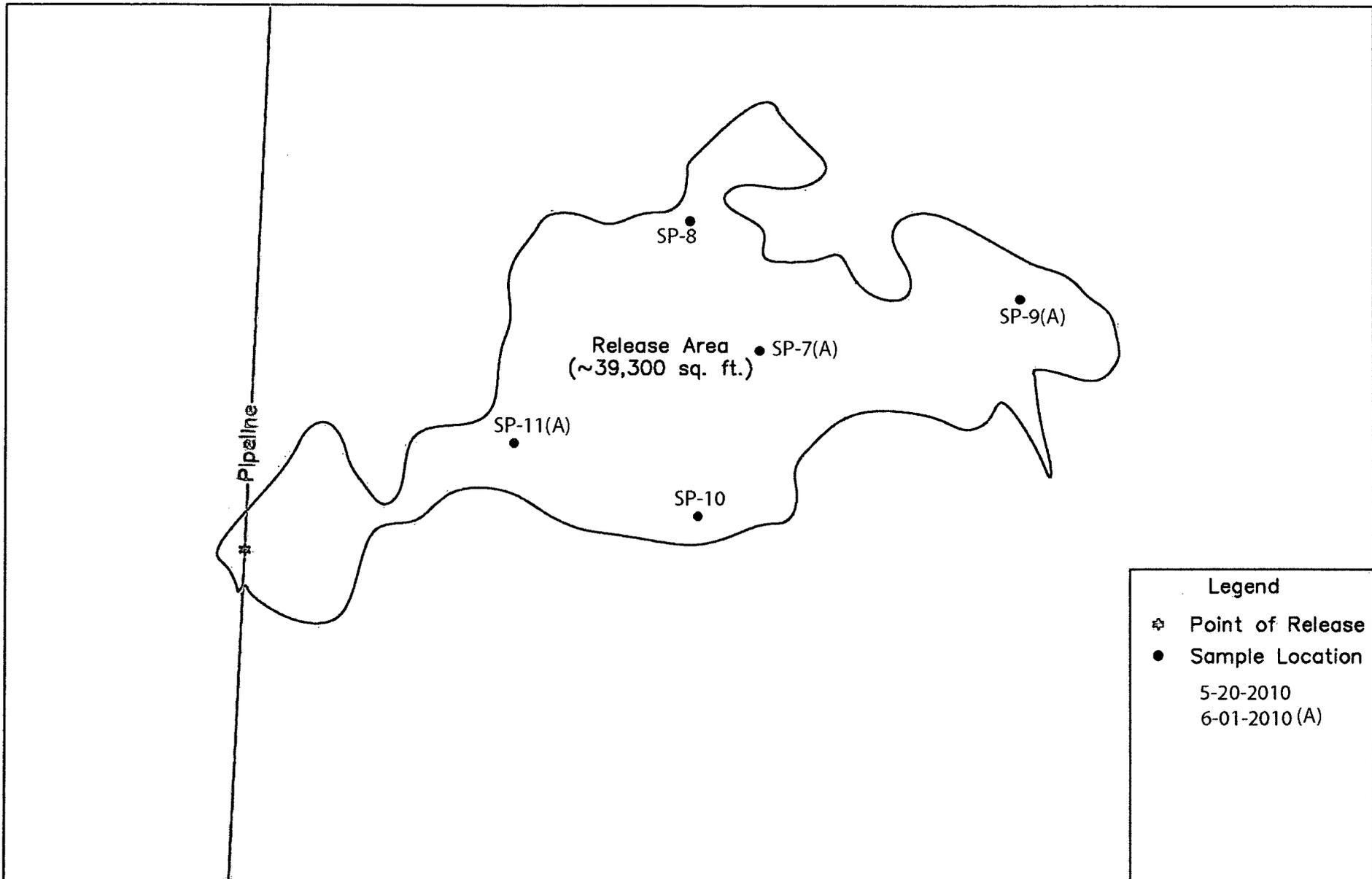
DWG By: D Dominguez  
April 2010

0 60 120  
Feet

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1 of 1





**Legend**

- ✱ Point of Release
- Sample Location

5-20-2010  
6-01-2010 (A)

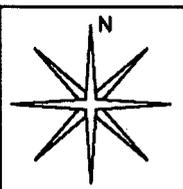
Figure 4  
Sample Location Map  
Centurion Pipeline, L.P.  
Brahoney Gathering System

Lea County, New Mexico  
NW 1/4 of the NW 1/4, Sec. 4, T13S, R38E  
N 33° 13' 28.83" W 103° 06' 36.37"  
Elevation: 3,829 feet amsl

DWG By: D Dominguez  
April 2010

0 60 120  
Feet

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1 of 1



**TABLES**

TABLE 1

Well Data

Centurion Pipeline - Brahaney Gathering System (EPI Ref. # 255016)

Ref. #	Well Number	Diversion <sup>A</sup>	Owner	Use	Twsp	Rng	Sec	q4	q16	q64	Latitude	Longitude	Date Measured	Surface Elevation <sup>B</sup>	Depth to Water (ft bgs)
1	USGS #1				13S	38E	4	1	3	1			28-Mar-91	3,829	48.41
2	L 02807	3	ELMO TEAGUE	PRO	13S	38E	3	3	3	3	N33° 12' 51.37"	W103° 05' 32.57"	14-May-55	3,814	31
3	L 11094	3	PERL H. HARRIS	STK	13S	38E	3	3	3		N33° 12' 54.58"	W103° 05' 28.60"	03-Sep-00	3,814	90
4	L 02853	3	RAYMOND C. KORNEGAY	DOM	13S	38E	8	2	4		N33° 12' 28.44"	W103° 06' 46.33"		3,835	60
5	L 11669	3	WESLEY D. HARRIS	DOM	13S	38E	8	2	4	3	N33° 12' 25.22"	W103° 06' 50.30"	05-Apr-05	3,835	100
7	L 00341 A S 2				13S	38E	10	1	1	1	N33° 12' 44.81"	W103° 05' 32.45"	30-Mar-04	3,814	100
8	L 00341 A S 3				13S	38E	10	3	1	1	N33° 12' 18.70"	W103° 05' 32.43"	08-Apr-04	3,814	100
10	L 01462 APPRO	3	EUGENE HODGE	DOM	12S	38E	33	2	3	3	N33° 14' 9.79"	W103° 06' 3.55"	12-Jun-52	3,820	32
11	L 10370	3	LARRY HODGE	DOM	12S	38E	33	4	4	1	N33° 13' 50.20"	W103° 05' 47.87"	30-Dec-93	3,820	36
12	L 06873		P. H. HARRIS	DOM	12S	38E	34				N33° 14' 6.16"	W103° 05' 4.76"	13-Dec-71	3,799	42
13	L 10830	3	PEARL HARRIS	DOM	12S	38E	34	3			N33° 13' 53.35"	W103° 05' 20.57"	21-Jun-99	3,807	45
14	USGS #2				13S	38E	3	3	1	1			13-Mar-91	3,815	54.06
15	USGS #3				13S	38E	8	3	1	2			03-Jan-96	3,835	70.11
16	USGS #4				13S	38E	10	2	4	4			15-Feb-66	3,808	68.67
17	USGS #5				12S	38E	32	2	3	3			06-Feb-91	3,835	29.98
18	USGS #6				12S	38E	32	3	4	4			17-Mar-71	3,836	36.71
19	USGS #7				12S	38E	33	3	3	3			17-Mar-71	3,824	46.81
20	USGS #8				12S	38E	33	3	1	2			17-Mar-71	3,825	31.99
21	USGS #9				12S	38E	33	4	4	3			07-Feb-91	3,814	37.21
6	L 11925 POD1				13S	38E	9	3	3	-1	33° 12' 5.60"	W103° 06' 34.58"	09-Jun-06	3,827	105
9	L 02952	3	L.B. TOWNSEND	DOM	13S	38E	10	4	4		N33° 12' 2.41"	W103° 04' 42.08"	30-Jul-55	3,805	65

\* = Data obtained from the New Mexico Office of the State Engineer Website (<http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html>) and USGS Database

<sup>A</sup> = In acre feet per annum

<sup>B</sup> = Elevation interpolated from USGS topographical map based on referenced location.

PRO = 72-12-1 Prospecting or development of natural resource

DOM = 72-12-1 Domestic one household

STK = 72-12-1 Livestock watering

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are biggest to smallest

Shaded area indicates wells not shown in Figure 2

**TABLE 2**  
**Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results**  
**Centurion Pipeline, L.P.**  
**Project: Brahaney Gathering System (EPI Ref. #255016)**

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRH (C6-C10) (mg/Kg)	DRH (>C10-C28) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C28) (mg/Kg)	Chloride (mg/Kg)
SP-1	1.0	Excavated	6-Apr-10	34.9	--	--	--	--	--	--	--	--	--	--
SP-2	0.5	Excavated	06-Apr-10	5.9	--	--	--	--	--	--	--	--	--	--
SP-3	1.0	Excavated	13-Apr-10	42.9	--	--	--	--	--	--	--	--	--	--
SP-4	1.0	Excavated	13-Apr-10	24.9	--	--	--	--	--	--	--	--	--	--
SP-5	0.5	Excavated	13-Apr-10	43.4	--	--	--	--	--	--	--	--	--	--
SP-6	0.5	Excavated	13-Apr-10	200	--	--	--	--	--	--	--	--	--	--
SP-8 (South End - Pipeline)	11.0	In situ	26-Apr-10	9.0	--	--	--	--	--	--	--	--	--	--
SP-9 (North End - Pipeline)	8.0	In situ	26-Apr-10	47.9	--	--	--	--	--	--	--	--	--	--
SP-1 (Pipeline Ditch)	17.0	In situ	29-Apr-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	67.0	67.0	48
SP-2 (Pipeline Ditch)	14.0	Excavated	29-Apr-10	--	--	0.098	0.231	0.220	1.17	1.72	102	4,970	5,072	112
SP-2A (Pipeline Ditch)	14.0	In situ	10-May-10	39.1	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	16.0	16.0	80
SP-3 (Pipeline Ditch)	8.0	In situ	29-Apr-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	<10.0	<0.20	<16
BM-1 (Blended Material)	N/A	Composite	03-May-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	71.6	71.6	<16
BM-2 (Blended Material)	N/A	Composite	04-May-10	--	--	--	--	--	--	--	<50.0 (C6-C12)	52.0 (>C12-C35)	52.0 (C6-C35)	--
SP-4 (Pipeline Ditch)	14.0	Grab	10-May-10	39.1	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	16.0	16.0	80
SP-6 (Sidewall of Pipeline Ditch)		Composite	13-May-10			<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	39.1	39.1	<16
SP-7	1.5	Excavated	20-May-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	151	151	<16

**TABLE 2**  
**Summary of Excavation Soil Sample Field Analyses and Laboratory Analytical Results**  
**Centurion Pipeline, L.P.**  
**Project: Brahaney Gathering System (EPI Ref. #255016)**

Sample I.D.	Depth (feet)	Soil Status	Sample Date	PID Field Analysis (ppm)	Field Chloride Analyses (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRH (C6-C10) (mg/Kg)	DRH (>C10-C28) (mg/Kg)	Total Petroleum Hydrocarbons (C6-C28) (mg/Kg)	Chloride (mg/Kg)
SP-7A	2.0	Grab	01-Jun-10	0.40	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	<10.0	<20.0	<16
SP-8	2.17	Grab	20-May-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	88.1	88.1	<16
SP-9	1.17	Excavated	20-May-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	112	112	<16
SP-9A	2.0	Grab	01-Jun-10	0.70	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	<10.0	<20.0	<16
SP-10	0.83	Grab	20-May-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	93.9	93.9	<16
SP-11	2.5	Excavated	20-May-10	--	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	104	104	<16
SP-11A	2.5	Grab	01-Jun-10	0.80	--	<0.050	<0.050	<0.050	<0.300	<0.450	<10.0	<10.0	<20.0	32
NMOCD Remedial Threshold Goals				100		10				50			100	250

*Bolded* values are in excess of NMOCD Remediation Threshold Goals

-- = Not Analyzed; N/A = Not Applicable

ND - Nondetectable

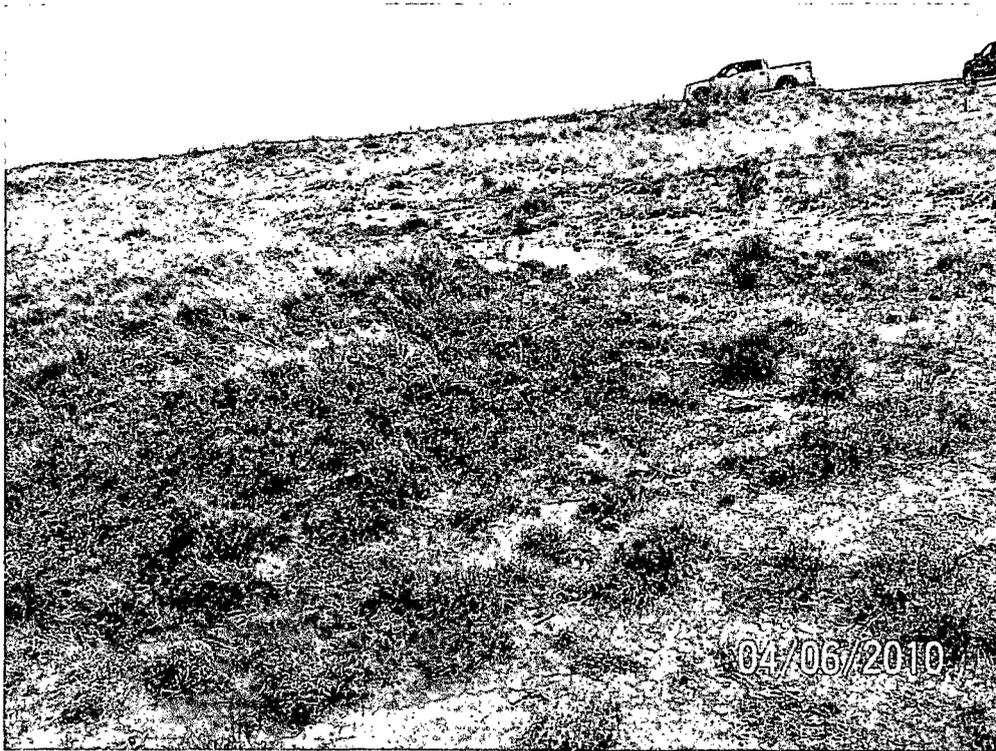
SP = Soil sample point collected within the release area; SW = Soil samples collected from side walls; BH = Soil samples collected from bottom of excavation; BM - Blended Material

**ATTACHMENTS**

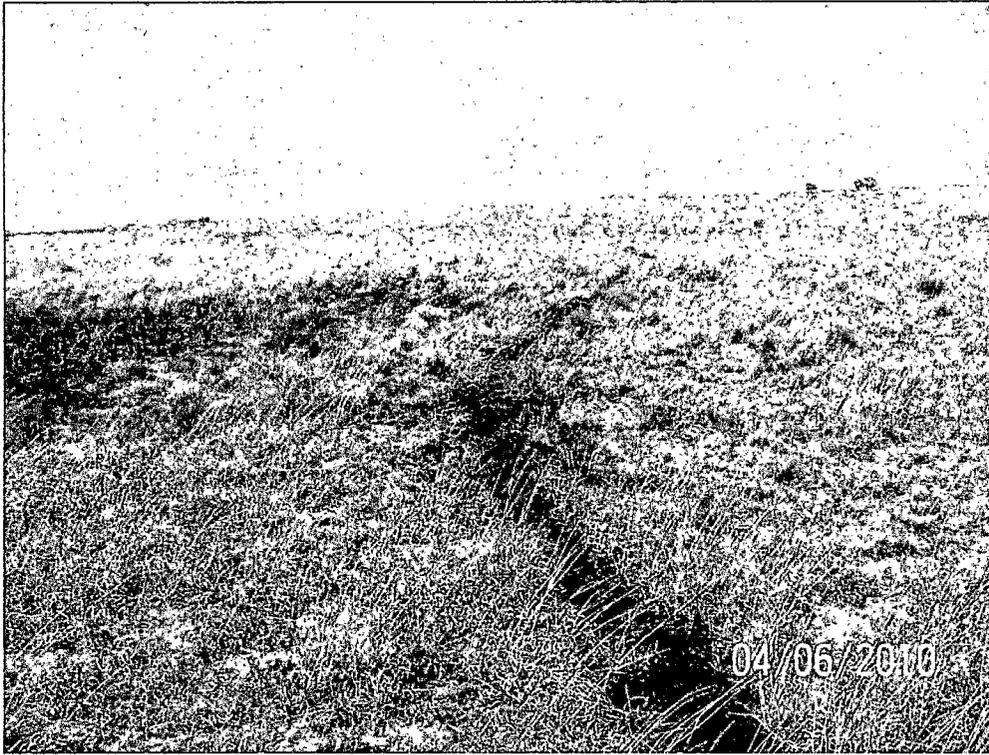
**ATTACHMENT I  
PHOTOGRAPHS**



Photograph No. 1 – Looking northerly at point of release



Photograph No. 2 – Looking southwesterly at free standing sweet crude oil



Photograph No. 3 – Looking northerly at sweet crude oil following a trail



Photograph No. 4 – Looking southerly at free standing sweet crude oil near point of release



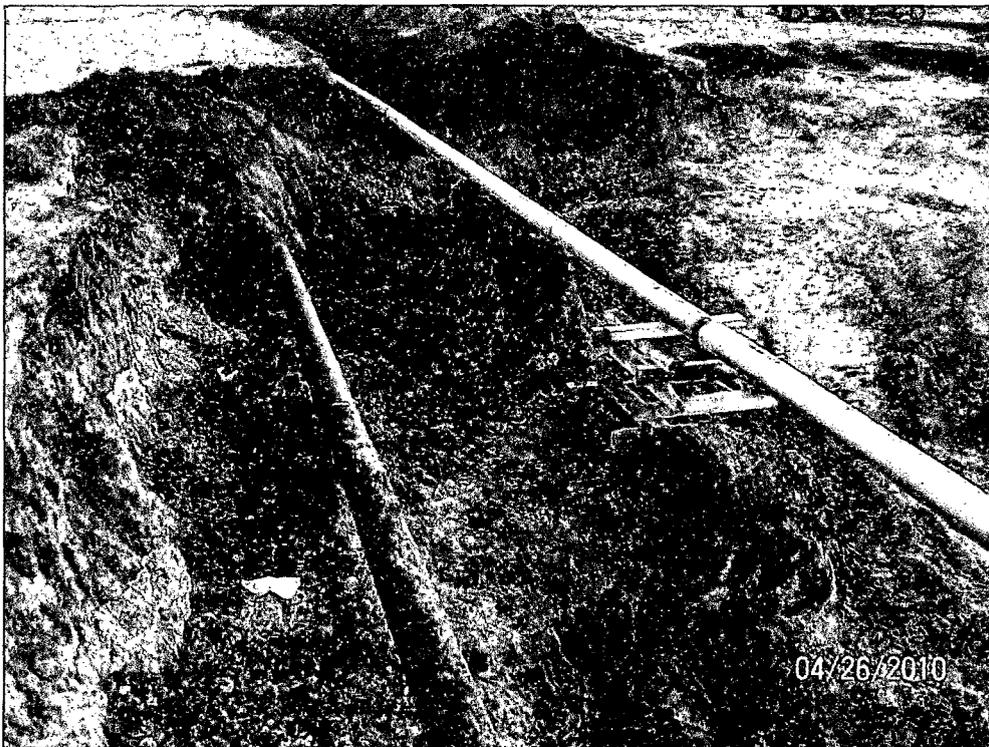
Photograph No. 5 – Looking at stockpiled blended impacted material and ROW excavation



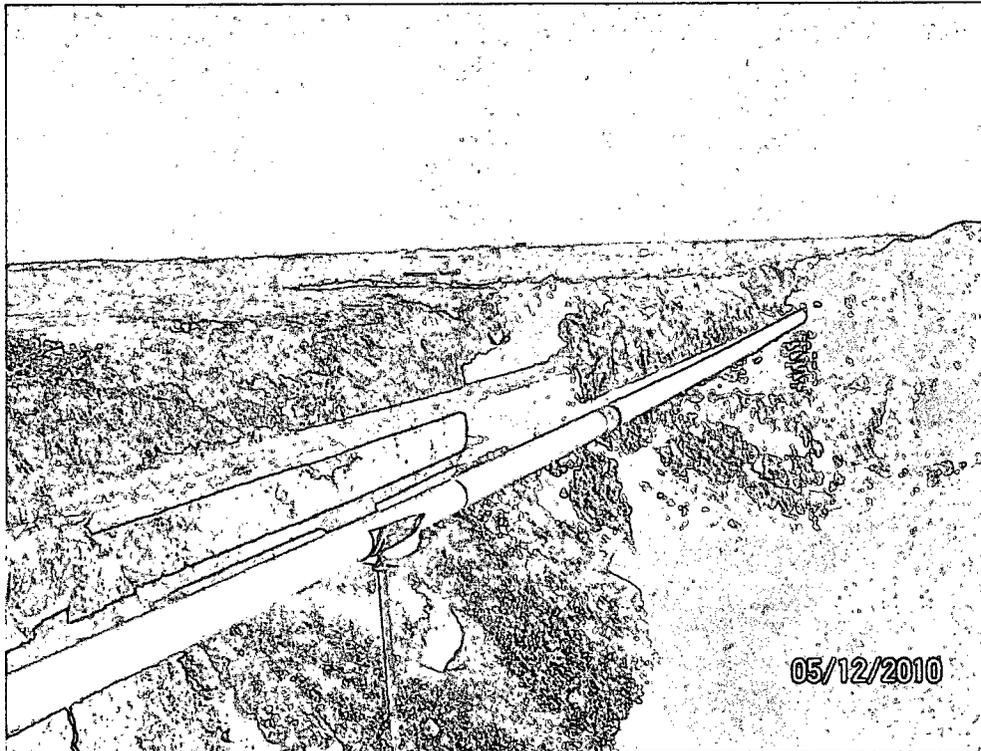
Photograph No. 6 – Looking at stockpiled blended impacted material



Photograph No. 7 – Looking southwesterly at pipeline excavation and stained sidewalls



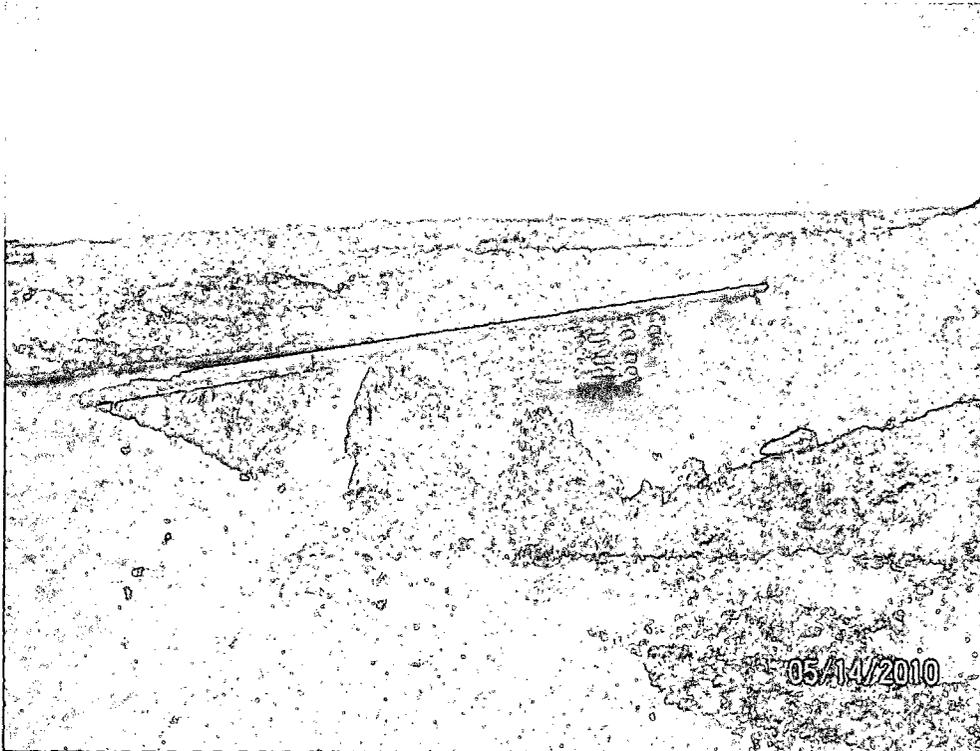
Photograph No. 8 – Looking southerly at pipeline excavation, natural ground with wooden cross-beam pipe supports



Photograph No. 9 – Looking northerly at pipeline excavation, natural ground with wooden cross-beams pipe support



Photograph No. 10 – Looking northwesterly at beginning of pipeline backfill activities



Photograph No. 11 – Looking northwesterly at backfill of pipeline excavation



Photograph No. 12 – Looking northwesterly at completion of backfill activities and contouring disturbed areas

**ATTACHMENT II  
LABORATORY ANALYTICAL DATA  
AND  
CHAIN-OF-CUSTODY FORMS**



# ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

April 30, 2010

David P. Duncan  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

Re: Brahaney Gathering System

Enclosed are the results of analyses for sample number H19776, received by the laboratory on 04/29/10 at 12:24 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene  
Laboratory Director

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This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR  
 ENVIRONMENTAL PLUS, INC.  
 ATTN: DAVID P. DUNCAN  
 P.O. BOX 1558  
 EUNICE, NM 88231  
 FAX TO: (575) 394-2601

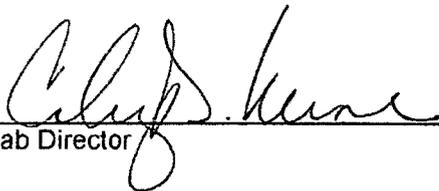
Receiving Date: 04/29/10  
 Reporting Date: 04/30/10  
 Project Owner: CENTURION PIPELINE, L.P.  
 Project Name: BRAHANEY GATHERING SYSTEM  
 Project Location: UL-9, SEC. 16, T24S, R34E

Sampling Date: 04/29/10  
 Sample Type: SOIL  
 Sample Condition: INTACT @ 9°C  
 Sample Received By: JH  
 Analyzed By: AB/ZL

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	CI* (mg/kg)
ANALYSIS DATE:		04/30/10	04/30/10	04/30/10	04/30/10	04/30/10	04/30/10	04/30/10
H19776-1	SP-1 (17')	<10.0	67.0	<0.050	<0.050	<0.050	<0.300	48
H19776-2	SP-2 (14')	102	4,970	0.098	0.231	0.220	1.17	112
H19776-3	SP-3 (8')	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16
Quality Control		585	580	0.057	0.058	0.045	0.145	500
True Value QC		500	500	0.050	0.050	0.050	0.150	500
% Recovery		117	116	114	116	90.0	96.7	100
Relative Percent Difference		0.1	0.6	1.8	12.7	<1.0	<1.0	<0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B  
 \*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
 Lab Director

04/30/10  
 Date

H19776 TBCL EPI

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



# Summary Report

Becky Moore  
Centurion Pipeline-Midland

Report Date: May 5, 2010

P. O. Box 51790  
Midland, TX 79710-1790

Work Order: 10050429



Project Location: Lea County, NM  
Project Name: Brahaney Shred Sample

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
230590	3:1 Blend Sample	soil	2010-05-04	14:22	2010-05-04

Sample - Field Code	TX1005 Extended - NEW	
	C6-C12 (mg/Kg)	>C12-C35 (mg/Kg)
230590 - 3:1 Blend Sample	<50.0	52.0



**ARDINAL  
LABORATORIES**

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 5, 2010

David P. Duncan  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

Re: Brahaney Gathering System

Enclosed are the results of analyses for sample number H19805, received by the laboratory on 05/04/10 at 8:25 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR  
 ENVIRONMENTAL PLUS, INC.  
 ATTN: DAVID P. DUNCAN  
 P.O. BOX 1558  
 EUNICE, NM 88231  
 FAX TO: (575) 394-2601

Receiving Date: 05/04/10  
 Reporting Date: 05/05/10

Sampling Date: 05/03/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT @ -2°C  
 Sample Received By: JH  
 Analyzed By: AB/ZL/HM

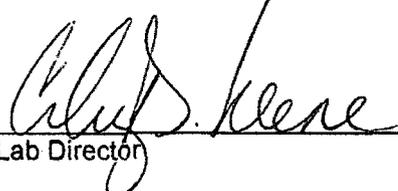
Project Owner: CENTURION PIPELINE, L.P.  
 Project Name: BRAHANEY GATHERING SYSTEM  
 Project Location: UL-P, SEC. 16, T24S, R34E

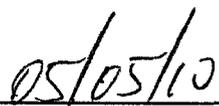
LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	BENZENE (mg/kg)	ETHYL XYLENES (mg/kg)	TOTAL XYLENES (mg/kg)	CI* (mg/kg)
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ANALYSIS DATE:	05/04/10	05/04/10	05/04/10	05/04/10	05/04/10	05/04/10	05/04/10	05/04/10
H19805-1 BM-1	<10.0	71.6	<0.050	<0.050	<0.050	<0.300	<16	
(BLENDED MATERIAL)								
Quality Control	463	449	0.060	0.048	0.045	0.149	500	
True Value QC	500	500	0.050	0.050	0.050	0.150	500	
% Recovery	92.6	89.8	120	96.0	90.0	99.3	100	
Relative Percent Difference	1.2	0.6	9.5	10.4	2.9	7.7	< 0.1	

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B  
 \*Analysis performed on a 1:4 w:v aqueous extract. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
 Lab Director

  
 Date

H19805 TBCL EPI

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

# Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231  
 (575) 394-3481 FAX: (575)394-2601

P.O. Box 1558, Eunice, NM 88231

## Chain of Custody Form

Lab: Cardinal Lab

<b>Company Name:</b> Environmental Plus, Inc.	<b>Remit Invoice to:</b>	<b>ANALYSIS REQUEST</b>										
<b>EPI Project Manager:</b> David P. Duncan	Environmental Plus, Inc. Attn: David P. Duncan P.O. Box 1558 2100 Avenue 'O' Eunice, New Mexico 88231											
<b>Mailing Address:</b> P.O. BOX 1558												
<b>City, State, Zip:</b> Eunice New Mexico 88231												
<b>EPI Phone#/Fax#:</b> 575-394-3481 / 575-394-2601												
<b>Client Company:</b> Centurion Pipeline, L.P.												
<b>Facility Name:</b> Brahaney Gathering System												
<b>Project Location:</b> UL-P, Sec 16, T24S, R34E												
<b>EPI Sampler Name:</b> Roger Boone												

LAB I.D.	SAMPLE I.D.	(G/RAB OR (C)OMP. # CONTAINERS	MATRIX						PRESERV.			SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl)	SULFATES (SO <sub>4</sub> <sup>2-</sup> )	pH	TCLP	OTHER >>> TDS (EPA Method 160.1)	PAH	Regular Metals	TSS (EPA Method 160.2)			
			GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME													
H19805-1	1 BM-1 (Blended Material)	G 1			X					X		03-May-10	15:30	X	X	X										
	2																									
	3																									
	4																									
	5																									
	6																									
	7																									
	8																									
	9																									
	10																									

Sampler Relinquished: <i>Roger Boone</i>	05/04/10 7:00	Received By: <i>Roger Boone</i>	E-mail results to: dduncanepi@gmail.com and Rebecca_Moore@oxy.com
Relinquished by: <i>Roger Boone</i>	05/04/10 8:25	Received By: (lab staff) <i>Arde Henson</i>	
Delivered by: <i>Roger Boone</i>	Sample Cool & Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Checked By: <i>Arde Henson</i>	

Rush Order - Please inform recipients via e-mail of analytical results ASAP

#126



**ARDINAL  
LABORATORIES**

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 11, 2010

David P. Duncan  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

Re: Brahaney Gathering System

Enclosed are the results of analyses for sample number H19859, received by the laboratory on 05/10/10 at 11:55 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Cately D. Keene  
Laboratory Director

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This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR  
 ENVIRONMENTAL PLUS, INC.  
 ATTN: DAVID P. DUNCAN  
 P.O. BOX 1558  
 EUNICE, NM 88231  
 FAX TO: (575) 394-2601

Receiving Date: 05/10/10

Sampling Date: 05/10/10

Reporting Date: 05/11/10

Sample Type: SOIL

Project Owner: CENTURION PIPELINE, L.P.

Sample Condition: COOL & INTACT @ 3.5°C

Project Name: BRAHANEY GATHERING SYSTEM

Sample Received By: JH

Project Location: UL-P, SEC. 16, T24S, R34E

Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	CI* (mg/kg)
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ANALYSIS DATE:		05/10/10	05/10/10	05/10/10	05/10/10	05/10/10	05/10/10	05/10/10
H19859-1	SP-4	<10.0	16.0	<0.050	<0.050	<0.050	<0.300	80
Quality Control		491	476	0.020	0.023	0.022	0.064	500
True Value QC		500	500	0.020	0.020	0.020	0.060	500
% Recovery		98.2	95.2	100	115	110	107	100
Relative Percent Difference		1.7	1.8	7.0	2.0	2.0	3.1	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; CI-: Std. Methods 4500-CI-B  
 \*Analysis performed on a 1:4 w:v aqueous extract. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
 Lab Director

  
 Date

H19859 TBCL EPI

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.





# ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 14, 2010

David P. Duncan  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

Re: Brahaney Gathering System

Enclosed are the results of analyses for sample number H19889, received by the laboratory on 05/13/10 at 4:40 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene  
Laboratory Director

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This report conforms with NELAP requirements.







# ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

May 24, 2010

David P. Duncan  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

Re: Brahaney Gathering System

Enclosed are the results of analyses for sample number H19937, received by the laboratory on 05/21/10 at 8:26 AM.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Hope S. Moreno  
Inorganic Technical Director

---

This report conforms with NELAP requirements.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
 ENVIRONMENTAL PLUS. INC.  
 ATTN: DAVID P. DUNCAN  
 P.O. BOX 1558  
 EUNICE, NM 88231  
 FAX TO: (575) 394-2601

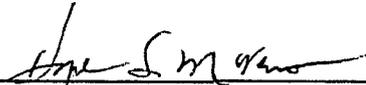
Receiving Date: 05/21/10  
 Reporting Date: 05/24/10  
 Project Owner: CENTURION PIPELINE, L.P.  
 Project Name: BRAHANEY GATHERING SYSTEM  
 Project Location: UL-P, SEC. 16, T24S, R34E

Sampling Date: 05/20/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT @ 4.5°C  
 Sample Received By: JH  
 Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE:		05/21/10	05/21/10	05/21/10	05/21/10	05/21/10	05/21/10	05/21/10
H19937-1	SP-7 (1.5')	<10.0	151	<0.050	<0.050	<0.050	<0.300	< 16
H19937-2	SP-8 (2.17')	<10.0	88.1	<0.050	<0.050	<0.050	<0.300	< 16
H19937-3	SP-9 (1.17')	<10.0	112	<0.050	<0.050	<0.050	<0.300	< 16
H19937-4	SP-10 (0.83')	<10.0	93.9	<0.050	<0.050	<0.050	<0.300	< 16
H19937-5	SP-11 (2.5')	<10.0	104	<0.050	<0.050	<0.050	<0.300	< 16
Quality Control		504	494	0.024	0.024	0.024	0.072	500
True Value QC		500	500	0.020	0.020	0.020	0.060	500
% Recovery		101	98.8	120	120	120	120	100
Relative Percent Difference		1.1	0.6	6.5	12.8	12.2	13.0	< 0.1

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; Cl-: Std. Methods 4500-Cl-B  
 \*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
 AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
 Inorganic Technical Director

05/24/10  
 Date





# ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

June 8, 2010

David P. Duncan  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

Re: Brahaney Gathering System

Enclosed are the results of analyses for sample number H20017, received by the laboratory on 06/02/10 at 9:00 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene  
Laboratory Director

---

This report conforms with NELAP requirements.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
 ENVIRONMENTAL PLUS, INC.  
 ATTN: DAVID P. DUNCAN  
 P.O. BOX 1558  
 EUNICE, NM 88231  
 FAX TO: (575) 394-2601

Receiving Date: 06/02/10  
 Reporting Date: 06/07/10  
 Project Owner: CENTURION PIPELINE, L.P.  
 Project Name: BRAHANEY GATHERING SYSTEM  
 Project Location: UL-P, SEC. 16, T24S, R34E

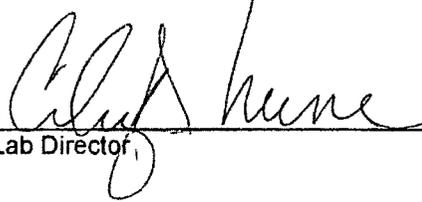
Sampling Date: 06/01/10  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT @ 4°C  
 Sample Received By: JH  
 Analyzed By: AB/ZL

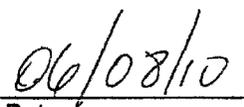
LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	Cl* (mg/kg)
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ANALYSIS DATE:	06/02/10	06/02/10	06/02/10	06/02/10	06/02/10	06/02/10	06/02/10	06/02/10
H20017-1 SP-7A (2')	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16	
H20017-2 SP-9A (2')	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	<16	
H20017-3 SP-11A (2.5')	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	32	
Quality Control	458	439	0.018	0.018	0.017	0.053	520	
True Value QC	500	500	0.020	0.020	0.020	0.060	500	
% Recovery	91.6	87.8	90.0	90.0	85.0	88.3	104	
Relative Percent Difference	1.2	2.8	15.5	15.6	16.2	17.5	3.8	

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; Cl-: Std. Methods 4500-Cl-B  
 \*Analyses performed on 1:4 w:v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,  
 AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

  
 Lab Director

  
 Date

H20017 TBCL EPI

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**ATTACHMENT III  
COPY OF INITIAL NMOCD FORM C-141  
FINAL NMOCD FORM C-141**

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 87003  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**RECEIVED**  
**APR 09 2010**  
**HOBBSUCD**

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 Centurion Pipeline, LP	Contact Becky Moore, Compliance Coordinator
Address P.O. Box 51790, Midland, TX 79710	Telephone No. 432-686-6805
Facility Name Brahaney Gathering System	Facility Type Sweet Crude Oil Pipeline
Surface Owner Centurion Pipeline, LP	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
D	04	13-S	38-E					Lea

Latitude N33° 13' 28.83" Longitude W 103° 06' 36.37"

**NATURE OF RELEASE**

Type of Release Sweet Crude Oil	Volume of Release 150 bbls	Volume Recovered 120 bbls
Source of Release 8" dia. Steel transmission pipeline	Date and Hour of Occurrence 04/06/10 - hour unknown	Date and Hour of Discovery 4/6/10 @ 11:50 AM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Geoffrey Leking - left voice mail message and verbal.	
By Whom? Albert Ochoa (left message)	Date and Hour 04/07/10 @ 10:30 AM (message) and @ 2:20 PM (verbal)	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. N/A	

If a Watercourse was Impacted, Describe Fully.\* Not Applicable

Describe Cause of Problem and Remedial Action Taken.\* Corrosion caused a leak on the 8" Brahaney Gathering System. Emergency Action response included immediate shut-in of the pipeline to stop the leak and a repair clamp installed. Vacuum trucks were called and a contract remediation company contacted to assist with initial emergency response and to initiate clean up. A one call was made to the State of NM 04/06/10. The site was initially secured from run off after free liquids were removed. Affected soil is being scrapped up and staged at the site. Initial delineation is in progress to determine appropriate clean up actions.

Describe Area Affected and Cleanup Action Taken.\* Area affected at the source of the leak is apx. 300 ft x 300 ft. x 6 in. Estimated ~~300~~ 1667 cu. yds. contaminated soil is currently being excavated and stockpiled at the site. The depth to groundwater at this site is 48.41 ft. The clean up levels for TPH will be 100 ppm. The affected pipeline is in process of being replaced with 300' of new coated 8" steel pipeline. After initial C-141 remediation plans are approved and the clean up is complete, a final C-141 will be submitted and accompanied with a final report including lab analysis, pictures, and all associated closure documentation as required.

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: <i>Becky Moore</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Becky Moore	ENV. ENGINEER: Approved by District Supervisor: <i>Geoffrey Leking</i>	
Title: Compliance Coordinator	Approval Date: 04/26/10	Expiration Date: 06/28/10
E-mail Address: Rebecca_Moore@oxy.com	Conditions of Approval: DELINEATE TO CLEAN UP. SUBMIT FINAL C-141 BY	
Date: 04/07/10 Phone: (432) 686-6805 (office)	Attached <input type="checkbox"/> IRP-10-4-2484	

\* Attach Additional Sheets If Necessary

FGRL1011638154

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1625 N. French Dr., Hobbs, NM 88240  
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Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
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JUN 21 2010

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Revised October 10, 2003

Submit 2 Copies to appropriate  
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side of form

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

<b>Name of Company:</b> Centurion Pipeline, L.P.	<b>Contact:</b> Becky Moore
<b>Address:</b> 6 Desta Drive, Ste. 5050, Midland, Tx. 79705	<b>Telephone No.:</b> (432) 686-6805 (office)
<b>Facility Name:</b> Brahaney Gathering System	<b>Facility Type:</b> Sweet Crude Oil Pipeline
<b>Surface Owner:</b> Robert Sledge, Abilene, Tx.	<b>Mineral Owner:</b> Unknown
<b>Lease No.:</b> N/A	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	04	13S	38E					Lea

Latitude: N33° 13' 28.83" Longitude: W103° 06' 36.37"

**NATURE OF RELEASE**

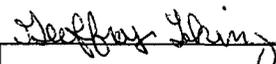
<b>Type of Release:</b> Sweet Crude Oil	<b>Volume of Release:</b> 150 bbls	<b>Volume Recovered:</b> 120 bbls
<b>Source of Release:</b> 8" dia. steel transmission pipeline	<b>Date and Hour of Occurrence:</b> 4/06/10 - hour unknown	<b>Date and Hour of Discovery:</b> 4/06/10 @ 11:50 AM
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Geoffrey Leking - left voice mail message and verbal	
<b>By Whom?</b> Becky Moore	<b>Date and Hour:</b> 4/07/10 @ 10:30 AM (message) and @ 2:20 PM (verbal)	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse:</b> Not Applicable	

If a Watercourse was Impacted, Describe Fully.\* Not Applicable

**Describe Cause of Problem and Remedial Action Taken.** \* Corrosion caused a leak in the 8" Brahaney Gathering System. Emergency Action response included immediate shut-in of the pipeline to stop the leak and a repair clamp installed. Vacuum trucks were called and a contract remediation company contacted to assist with initial emergency response and to initiate clean up. A One Call was made to the State of NM 04/06/10. The site was initially secured from run off after free liquids were removed. Affected soil is being scraped up and staged at the site. Initial delineation is in progress to determine appropriate clean actions.

**Describe Area Affected and Cleanup Action Taken.** \* The release of sweet crude oil covered an initial area of ±39,300 square feet. On April 09, 2010 300-linear feet of existing steel pipeline was replaced with 8" diameter tar coated and wrapped steel piping. After Emergency Response, the area was delineated and excavated via trackhoe. From April 09 through May 20, 2010, ±3,582 cubic yards of impacted material were transported to Environmental Plus Landfarm and ±1,394 cubic yards to Wasson Station (Denver City, Texas). Another ±1,170 cubic yards of material were blended with "on-site" clean sandy soil for use as backfill material. Primary area of excavation was at the release point around the two (2) steel pipelines where depths were fourteen (14) vertical feet. After laboratory analyses confirmed field results both sidewalls and bottom of excavations were in compliance with NMOCD Remedial Threshold Goals (BTEX - 50 mg/Kg, TPH - 100 mg/Kg and Chlorides - 250 mg/Kg) the excavations were backfilled with "on-site" clean sandy soil and blended material. Backfill operations were concluded on May 21, 2010. Disturbed areas will be disked and seeded with a blend preferred by the land owner in fall of 2010.

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>Signature:</b> 	<b>OIL CONSERVATION DIVISION</b>	
<b>Printed Name:</b> Becky Moore	<b>Approved by:</b> ENV. ENGINEER:  District Supervisor:	
<b>Title:</b> Compliance Coordinator	<b>Approval Date:</b> 12/17/10	<b>Expiration Date:</b> _____
<b>E-mail Address:</b> Rebecca_Moore@oxy.com	<b>Conditions of Approval:</b>	
<b>Date:</b> 6/17/10 <b>Phone:</b> (434) 686-6805 (office)	<b>Attached</b> <input type="checkbox"/> IRP-10-4-2484	

\* Attach Additional Sheets If Necessary