Basin Environmental Service Technologies, LLC

3100 Plains Highway
P. O. Box 301
Lovington, New Mexico 88260
jwlowry@basinenv.com
Office: (575) 396-2378
Fax: (575) 396-1429



REMEDIATION SUMMARY &

SITE CLOSURE REQUEST

SOUTHERN UNION GAS SERVICES TRUNK "O" LINE (MEYERS) Lea County, New Mexico Unit Letter "C" (NE/NW), Section 35, Township 23 South, Range 36 East Latitude 32° 16.005' North, Longitude 103° 14.375' West NMOCD Reference # 1RP 03-11-2695

Prepared For:

Southern Union Gas Services 801 S. Loop 464 Monahans, TX 79756

Prepared By: Basin Environmental Service Technologies, LLC 3100 Plains Highway Lovington, New Mexico 88260

December 2012

Joel W. Lowry Project Manager

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1.0 INTRODUCTION & BACKGROUND INFORMATION

Basin Environmental Service Technologies, LLC (Basin), on behalf of Southern Union Gas Services (Southern Union), has prepared this *Remediation Summary & Site Closure Request* for the release site known as Trunk "O" Line (Meyers) Historical. The legal description of the release site is Unit Letter "C" (NE/NW), Section 35, Township 23 South, Range 36 East, in Lea County, New Mexico. The geographic coordinates of the release site are 32° 16.005' North latitude and 103° 14.375' West longitude. The property affected by the release is owned by Mr. Kelly Meyers. Please reference Figure 1 for a "Site Location Map".

On March 19, 2011, Southern Union discovered a release had occurred on the Trunk "O" Pipeline. The "Release Notification and Corrective Action" (Form C-141) indicated failure of a section of natural gas pipeline operating at thirty-five (35) PSI resulted in the release of approximately ten barrels (10 bbls) of a mixture of crude oil and produced water and nine hundred (900) Mcf of natural gas. During initial response activities the leak was excavated and the affected area was repaired. The affected segment of pipeline has since been replaced. The release was reported to the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office on March 23, 2011. The release was largely airborne, affecting an area measuring three hundred feet (300') by one hundred fifty feet (150'). General photographs of the release site are provided as Appendix A. The Form C-141 is provided as Appendix D.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Water Rights Reporting System (NMWRRS) database maintained by the New Mexico Office of the State Engineer (NMOSE) indicated information was unavailable for Section 35, Township 23 South, Range 36 East. A depth to groundwater reference map utilized by the NMOCD indicates groundwater should be encountered at approximately one hundred thirty-five feet (135') below ground surface (bgs). Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

A search of the NMWRRS database indicated there are no water wells within one thousand feet $(1,000^{\circ})$ of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

There are no surface water bodies within one thousand feet (1,000') of the release. Based on the NMOCD ranking system, zero (0) points will be assigned to the site as a result of this criterion.

NMOCD guidelines indicate the Trunk "O" Line (Meyers) release site has an initial ranking score of ten (10) points. The soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene 10 mg/Kg (ppm)
- BTEX 50 mg/Kg (ppm)
- TPH 5,000 mg/Kg (ppm)

The New Mexico Administrative Code (NMAC) does not currently specify a remediation level for chloride concentrations in soil. Chloride remediation levels are set by the NMOCD on a site-specific basis.

3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On November 5, 2012, Basin began delineation activities at the release site. During the initial investigation eight (8) surface soil samples (SP#1, SP#2, SP#3, SP#4, SP#5, SP#18, SP#19 and SP#20) were collected from within the visibly impacted area and field-screened for concentrations of chloride using Hach Quantab[®] chloride test strips. Chloride field test results indicated chloride concentrations were less than 120 ppm for each of the soil samples. Approximately six inches (6") of soil was scraped from the surface in the area characterized by dead vegetation.

On November 5 and 6, 2012 Basin collected sixteen (16) confirmation soil samples (SP#3 @ Surface, SP#6 @ 2', SP#7 @ 2', SP#8 @ 2', SP#9 @ 2', SP#10 @ 2', SP#11 @ 2', SP#12 @ 2', SP#13 @ 2', SP#14 @ 2', SP#15 @ 2', SP#15 @ 4', SP#16 @ 2', SP#17 @ 2', SP#21 @ 2' and SP#22 @ 2') from a series evenly spaced test trenches within the excavated area. Collected soil samples were submitted to Xenco Laboratories Inc., of Odessa, Texas, for analysis of chloride concentrations in accordance with EPA Method 300.1. Laboratory analytical results indicated chloride concentrations ranged from 9.24 mg/Kg for soil sample SP#17 @ 2' to 66.2 mg/Kg for soil sample SP#6 @ 2'. Soil samples SP#3 @ Surface, SP#8 @ 2', SP#12 @ 2', SP#13 @ 2', SP#14 @ 2', SP#15 @ 2', SP#16 @ 2', SP#17 @ 2'and SP#21 @ 2' we also analyzed for concentrations of total petroleum hydrocarbons (TPH) in accordance with EPA Method SW-846 8015M. Laboratory analytical results indicated TPH concentrations were less than the laboratory method detection limit (MDL) for each of the soil samples submitted. Soil sample SP#15 @ 2' was also analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) in accordance with EPA Method SW-846 8021b. Analytical results indicated BTEX constituent concentrations were less than the appropriate laboratory MDL for soil sample SP#15 @ 2'. Table 1 summarizes the "Concentrations of Benzene, BTEX, TPH & Chloride in Soil". Soil sample locations are depicted in Figure 2, "Site & Sample Location Map". Laboratory analytical reports are provided as Appendix B.

Between November 11 and 12, 2012, approximately one hundred forty-four cubic yards (144 yd³) of impacted material was transported to Sundance Services, Inc. (NMOCD Permit # 01-0003) for disposal. Copies of disposal manifests are provided as Appendix C.

On November 23, 2012, on receiving approval from an NMOCD representative, the excavation was backfilled with locally purchased, non-impacted material. Prior to backfilling, the final dimensions of the excavation were approximately one hundred sixty-two (120') in length, ninety-three feet (93') in width, and approximately six inches (6") in depth. Excavation backfill was contoured to fit the surrounding topography and will be reseeded at the request of the landowner.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were delivered to Xenco Laboratories, Inc., of Odessa, Texas, for BTEX, TPH, and/or chloride analyses using the methods described below:

- BTEX concentrations in accordance with EPA Method SW-846 8021b
- TPH concentrations in accordance with modified EPA Method SW-846 8015M
- Chloride concentrations in accordance with EPA Method 300.1

4.2 Decontamination of Equipment

Cleaning of the sampling equipment was the responsibility of the environmental technician. Prior to use, and between each sample, the sampling equipment was cleaned with Liqui-Nox® detergent and rinsed with distilled water.

4.3 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form(s). These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

5.0 SITE CLOSURE REQUEST

Confirmation soil samples collected from the Trunk "O" Line (Meyers) release site were analyzed by an NMOCD-approved laboratory, which determined concentrations of benzene, BTEX, TPH and chloride were less than the regulatory remediation action levels established for the site. Based on these laboratory analytical results, Basin recommends Southern Union provide the NMOCD Hobbs District Office a copy of this *Remediation Summary & Site Closure Request* and request the NMOCD grant site closure to the Trunk "O" Line (Meyers) release site.

6.0 LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this *Remediation Summary & Site Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Basin has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Basin has not conducted an independent examination of the facts contained in referenced materials and statements. Basin has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Basin has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Southern Union Gas Services. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Basin Environmental Service Technologies, LLC, and/or Southern Union Gas Services.

7.0 DISTRIBUTION:

- Copy 1: Geoffrey Leking New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division (District 1) 1625 French Drive Hobbs, NM 88240 GeoffreyR.Leking@state.nm.us
- Copy 2: Rose Slade Southern Union Gas Services 801 S. Loop 464 Monahans, Texas 79756 rose.slade@sug.com
- Copy 3: Basin Environmental Service Technologies, LLC P.O. Box 301 Lovington, New Mexico 88260





TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES TRUNK "O" LINE (MEYERS) HISTORICAL RELEASE SITE LEA COUNTY, NEW MEXICO NMOCD REF# 1RP-2695

					METHOD: E	PA SW 846-80	21B, 5030		ME	THOD: 801	5M	TOTAL	METHOD: E300.0
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	ORO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
SP#3 @ Surface	Surface	11/5/2012	Excavated	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	-
SP#6 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	66.2
SP#7 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	9.89
SP#8 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	21.5
SP#9 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	16.7
SP#10 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	14.1
SP#11 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	-	-	-	-	28.9
SP#12 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	18.3
SP#13 @ 2'	2'	11/5/2012	In-Situ	-	-	-	-	-	<15.9	<15.9	<15.9	<15.9	23.3
SP#14 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	30.3
SP#15 @ 2'	2'	11/6/2012	In-Situ	<0.00106	<0.00212	<0.00106	<0.00212	<0.00212	<15.9	<15.9	<15.9	<15.9	58.8
SP#15 @ 4'	4'	11/6/2012	In-Situ	-	-	-	-	-	-	-	-	-	11.7
SP#16 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<15.6	<15.6	<15.6	<15.6	14.7
SP#17 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<16.2	<16.2	<16.2	<16.2	9.24
SP#21 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	<15.8	<15.8	<15.8	<15.8	9.47
SP#22 @ 2'	2'	11/6/2012	In-Situ	-	-	-	-	-	-	-	-	-	11.4
NMOCD Standard				10				50				5,000	1,000

- = Not analyzed.

* Denotes results by EPA Method 325.3

Analytical Report 452203

for Southern Union Gas Services- Monahans

Project Manager: Joel Lowry

Trunk "O" Myers

(RP-2695)

20-NOV-12

Collected By: Client





12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122): Texas (T104704215-10-6-TX), Arizona (AZ0765), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002) Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054) New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610) Rhode Island (LAO00312), USDA (S-44102), DoD (L11-54)

Xenco-Atlanta (EPA Lab Code: GA00046): Florida (E87429), North Carolina (483), South Carolina (98015), Kentucky (85), DoD (L10-135) Louisiana (04176), USDA (P330-07-00105)

> Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900) Xenco-Lakeland: Florida (E84098) Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX) Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX) Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757) Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757) Xenco Tucson (EPA Lab code:AZ000989): Arizona (AZ0758)



20-NOV-12



Project Manager: **Joel Lowry Southern Union Gas Services- Monahans** 801 South Loop 464 Monahans, TX 79756

Reference: XENCO Report No: **452203 Trunk ''O'' Myers** Project Address: Lea County, NM

Joel Lowry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 452203. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 452203 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully

Nicholas Straccione Project Manager

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Sample Cross Reference 452203



Southern Union Gas Services- Monahans, Monahans, TX

Trunk "O" Myers

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP#3 @ Surface	S	11-05-12 10:00	In	452203-001
SP#6 @ 2'	S	11-05-12 11:30		452203-002
SP#7 @ 2'	S	11-05-12 12:00		452203-003
SP#8 @ 2'	S	11-05-12 12:30		452203-004
SP#9 @ 2'	S	11-05-12 13:00		452203-005
SP#10 @ 2'	S	11-05-12 13:30		452203-006
SP#11 @ 2'	S	11-05-12 14:00		452203-007
SP#12 @ 2'	S	11-05-12 14:30		452203-008
SP#13 @ 2'	S	11-05-12 15:00		452203-009
SP#14 @ 2'	S	11-06-12 09:00		452203-010
SP#15 @ 2'	S	11-06-12 09:30		452203-011
SP#15 @ 4'	S	11-06-12 09:45		452203-012
SP#16 @ 2'	S	11-06-12 10:00		452203-013
SP#17@ 2'	S	11-06-12 10:30		452203-014
SP#21 @ 2'	S	11-06-12 12:30		452203-015
SP#22 @ 2'	S	11-06-12 13:00		452203-016





Client Name: Southern Union Gas Services- Monahans Project Name: Trunk ''O'' Myers



Project ID: (RP-2695) Work Order Number: 452203 Report Date: 20-NOV-12 Date Received: 11/09/2012

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Project Id: (RP-2695)

Project Location: Lea County, NM

Contact: Joel Lowry

Certificate of Analysis Summary 452203

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" Myers



Date Received in Lab: Fri Nov-09-12 10:00 pm

Report Date: 20-NOV-12

								Project Mar	nager:	Nicholas Strad	cione		
	Lab Id:	452203-0	01	452203-0	02	452203-00	03	452203-0	04	452203-0	05	452203-00	06
Analysis Paguastad	Field Id:	SP#3 @ Su	rface	SP#6 @ 1	2'	SP#7 @ 2	2'	SP#8 @	2'	SP#9@	2'	SP#10 @	2'
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Nov-05-12			1:30	Nov-05-12 12:00		Nov-05-12 1	2:30	Nov-05-12	13:00	Nov-05-12 1	3:30
Inorganic Anions by EPA 300/300.1	Extracted:		N		3:21	Nov-12-12 1	3:53	Nov-12-12 1	4:09	Nov-12-12	14:25	Nov-12-12 1	4:41
SUB: TX104704215	Analyzed:		N		3:21	Nov-12-12 1	3:53	Nov-12-12	4:09	Nov-12-12	14:25	Nov-12-12 14:41	
Units/RL.				mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride				66.2	1.15	9.89	1.07	21.5	1.04	16.7	0.974	14.1	1.18
Percent Moisture	Extracted:												
	Analyzed:	Nov-12-12	15:40	Nov-16-12 1	3:00	Nov-16-12 1	3:00	Nov-12-12	5:40	Nov-16-12	13:00	Nov-16-12 1	3:00
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		3.67	1.00	6.01	1.00	6.71	1.00	5.39	1.00	4.05	1.00	5.92	1.00
TPH By SW8015 Mod	Extracted:	Nov-15-12	08:30					Nov-15-12 (08:30				
	Analyzed:	Nov-15-12	12:13					Nov-15-12	2:47				
	Units/RL:	mg/kg	RL					mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	15.6					ND	15.8				
C12-C28 Diesel Range Hydrocarbons		ND	15.6					ND	15.8				
C28-C35 Oil Range Hydrocarbons		ND	15.6					ND	15.8				
Total TPH		ND	15.6					ND	15.8				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Nicholas Straccione Project Manager



Project Id: (RP-2695)

Project Location: Lea County, NM

Contact: Joel Lowry

Certificate of Analysis Summary 452203

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" Myers



Date Received in Lab: Fri Nov-09-12 10:00 pm

Report Date: 20-NOV-12

oject Elocation. Lea County, TWI								Project Mar	nager: 1	Vicholas Strad	ccione		
	Lab Id:	452203-0	007	452203-0	08	452203-0	09	452203-0	10	452203-0	011	452203-0)12
A malua in Democrata I	Field Id:	SP#11 @	2'	SP#12 @	2'	SP#13 @	2'	SP#14 @	2'	SP#15 @	2'	SP#15 @	4'
Analysis Requested	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Nov-05-12	14:00	Nov-05-12 1	4:30	Nov-05-12 1	15:00	Nov-06-12 (09:00	Nov-06-12	09:30	Nov-06-12 (09:45
BTEX by EPA 8021B	Extracted:									Nov-20-12	08:30		
	Analyzed:									Nov-20-12	10:03		
	Units/RL:									mg/kg	RL		
Benzene										ND	0.00106		
Toluene										ND	0.00212		
Ethylbenzene										ND	0.00106		
m_p-Xylenes										ND	0.00212		
o-Xylene										ND	0.00106		
otal Xylenes										ND	0.00106		
Total BTEX										ND	0.00106		
Inorganic Anions by EPA 300/300.1	Extracted:	Nov-12-12	14:57	Nov-12-12 1	5:46	Nov-12-12 1	16:02	Nov-12-12	16:18	Nov-12-12	16:34	Nov-12-12	16:50
SUB: TX104704215	Analyzed:	Nov-12-12	14:57	Nov-12-12 15:46		Nov-12-12 16:02		Nov-12-12 16:18		Nov-12-12 16:34		Nov-12-12 16:50	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		28.9	0.979	18.3	1.09	23.3	1.01	30.3	1.05	58.8	1.16	11.7	1.13
Percent Moisture	Extracted:												
	Analyzed:	Nov-16-12	13:00	Nov-12-12 1	5:40	Nov-12-12	15:40	Nov-12-12	15:40	Nov-12-12	15:40	Nov-16-12	13:00
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		5.46	1.00	4.13	1.00	5.52	1.00	5.21	1.00	5.56	1.00	3.54	1.00
TPH By SW8015 Mod	Extracted:			Nov-15-12 0	8:30	Nov-15-12 (08:30	Nov-15-12 (08:30	Nov-15-12	08:30		
	Analyzed:			Nov-15-12 1	3:16	Nov-15-12 1	13:51	Nov-15-12	14:20	Nov-15-12	14:53		
	Units/RL:			mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
C6-C12 Gasoline Range Hydrocarbons				ND	15.6	ND	15.9	ND	15.8	ND	15.9		
C12-C28 Diesel Range Hydrocarbons				ND	15.6	ND	15.9	ND	15.8	ND	15.9		
C28-C35 Oil Range Hydrocarbons				ND	15.6	ND	15.9	ND	15.8	ND	15.9		
Total TPH				ND	15.6	ND	15.9	ND	15.8	ND	15.9		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Nicholas Straccione Project Manager

Page 6 of 20



Project Id: (RP-2695)

Contact: Joel Lowry

Certificate of Analysis Summary 452203

Southern Union Gas Services- Monahans, Monahans, TX

Project Name: Trunk "O" Myers



Date Received in Lab: Fri Nov-09-12 10:00 pm

Report Date: 20-NOV-12

roject Location: Lea County, NM								Report	Date:	20-NOV-12	
								Project Mar	nager:	Nicholas Straccione	
	Lab Id:	452203-0	013	452203-0	14	452203-0	15	452203-0	16		
Anglusia Deguested	Field Id:	SP#16 @	2'	SP#17@	2'	SP#21 @	2'	SP#22 @	2'		
Analysis Requested	Depth:										
	Matrix:	SOIL		SOIL		SOIL		SOIL			
	Sampled:	Nov-06-12	10:00	Nov-06-12	10:30	Nov-06-12	12:30	Nov-06-12	13:00		
Inorganic Anions by EPA 300/300.1	Extracted:	Nov-12-12	17:22	Nov-12-12	17:38	Nov-12-12	17:54	Nov-12-12	18:11		
SUB: TX104704215	Analyzed:	Nov-12-12	17:22	Nov-12-12	17:38	Nov-12-12	17:54	Nov-12-12	18:11		
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL		
Chloride		14.7	1.04	9.24	1.16	9.47	1.03	11.4	1.04		
Percent Moisture	Extracted:										
	Analyzed:	Nov-12-12	15:40	Nov-12-12	15:40	Nov-12-12	15:40	Nov-16-12	13:00		
	Units/RL:	%	RL	%	RL	%	RL	%	RL		
Percent Moisture		4.33	1.00	7.95	1.00	5.47	1.00	3.11	1.00		
TPH By SW8015 Mod	Extracted:	Nov-15-12	08:30	Nov-15-12 (08:30	Nov-15-12 (08:30				
	Analyzed:	Nov-15-12	15:24	Nov-15-12	15:52	Nov-15-12	16:25				
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
C6-C12 Gasoline Range Hydrocarbons		ND	15.6	ND	16.2	ND	15.8				
C12-C28 Diesel Range Hydrocarbons		ND	15.6	ND	16.2	ND	15.8				
C28-C35 Oil Range Hydrocarbons		ND	15.6	ND	16.2	ND	15.8				
Total TPH		ND	15.6	ND	16.2	ND	15.8				

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

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Ct Nul

Nicholas Straccione Project Manager



Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- * Surrogate recovered outside laboratory control limit.
- **BRL** Below Reporting Limit.
- **RL** Reporting Limit
- MDL Method Detection Limit **SDL** Sample Detection Limit LOD Limit of Detection
- PQL Practical Quantitation Limit MQL Method Quantitation Limit
- **DL** Method Detection Limit
- NC Non-Calculable
- NELAC certification not offered for this compound.
- (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	

Final 1.000



Project Name: Trunk "O" Myers

ork Orders : 452203 Lab Batch #: 901022	, Sample: 452203-001 / SMP	Batc		D: (RP-2695) a: Soil		
Units: mg/kg	Date Analyzed: 11/15/12 12:13		RROGATE R		STUDY	
TPH	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flage
	Analytes			[D]		
1-Chlorooctane		88.2	100	88	70-135	
o-Terphenyl		43.3	50.0	87	70-135	
Lab Batch #: 901022	Sample: 452203-004 / SMP	Batc	h: ¹ Matrix	:Soil		
Units: mg/kg	Date Analyzed: 11/15/12 12:47	SU	RROGATE R	ECOVERY S	STUDY	
TPH	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flage
1-Chlorooctane	Analytes	85.0	99.9	85	70-135	
o-Terphenyl		41.7	50.0	83	70-135	
Lab Batch #: 901022	Sample: 452203-008 / SMP	Batc	h: ¹ Matrix	: Soil		
Units: mg/kg	Date Analyzed: 11/15/12 13:16		RROGATE R		STUDY	
TPH	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flag
1-Chlorooctane	Anarytes	87.5	100	88	70-135	
o-Terphenyl		43.7	50.0	87	70-135	
Lab Batch #: 901022	Sample: 452203-009 / SMP	Batc			10 155	
Units: mg/kg	Date Analyzed: 11/15/12 13:51		RROGATE R		STUDY	
	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flage
1-Chlorooctane		84.3	100	84	70-135	
o-Terphenyl		41.6	50.0	83	70-135	
Lab Batch #: 901022	Sample: 452203-010 / SMP	Batc	h: 1 Matrix	:Soil	<u> </u>	
Units: mg/kg	Date Analyzed: 11/15/12 14:20		RROGATE R		STUDY	
TPH]	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flag
1-Chlorooctane		89.7	100	90	70-135	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution



Project Name: Trunk "O" Myers

ork Orders : 452203 Lab Batch #: 901022	, Sample: 452203-011 / SMP	Batc		D: (RP-2695) x: Soil		
Units: mg/kg	Date Analyzed: 11/15/12 14:53	SU	RROGATE R	ECOVERY S	STUDY Control Limits %R 70-135 70-135 STUDY Control Limits %R 70-135 70-135 70-135 70-135 70-135 STUDY Control Limits %R 70-135 STUDY Control Limits %R 70-135 STUDY Control STUDY Control STUDY Control STUDY Control STUDY Control STUDY	
Units: mg/kg Date Analyzed: 11/15/12 14/ TPH By SW8015 Mod Analytes Chlorooctane Terphenyl b Batch #: 901022 Sample: 452203-013 Units: mg/kg Date Analyzed: 11/15/12 15: TPH By SW8015 Mod Analytes Chlorooctane Terphenyl Ide Analyzed: 11/15/12 15: TPH By SW8015 Mod Analytes Chlorooctane Terphenyl Ide Analyzed: 11/15/12 15: TPH By SW8015 Mod Analytes Chlorooctane Terphenyl Ide Analyzed: 11/15/12 16: Date Analyzed: 11/15/12 16: Inits: mg/kg Date Analyzed: 11/15/12 16: Terphenyl Ide Batch #: 901022 Sample: 452203-015 Inits: mg/kg Date Analyzed: 11/15/12 16: Terphenyl <th>By SW8015 Mod</th> <th>Amount Found [A]</th> <th>True Amount [B]</th> <th>Recovery %R</th> <th>Limits</th> <th>Flags</th>	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Limits	Flags
	Analytes			[D]		
1-Chlorooctane		83.4	99.9	83	70-135	
o-Terphenyl		41.3	50.0	83	70-135	
Lab Batch #: 901022	Sample: 452203-013 / SMP	Batc	h: ¹ Matrix	k: Soil		
Units: mg/kg	Date Analyzed: 11/15/12 15:24	SU	RROGATE R	ECOVERY S	STUDY	
TPH		Amount Found [A]	True Amount [B]	Recovery %R [D]	Limits	Flags
1-Chlorooctane	Analytes	86.1	99.8	86	70-135	
o-Terphenyl		42.1	49.9	84		
Lab Batch #: 901022	Sample: 452203-014 / SMP	Batc	h: ¹ Matrix	x:Soil		
	Date Analyzed: 11/15/12 15:52		RROGATE R		STUDY	
TPH 1		Amount Found [A]	True Amount [B]	Recovery %R [D]	Limits	Flag
1-Chlorooctane	Analytes	89.5	99.7	90	70.125	
o-Terphenyl		44.9	49.9	90		
	Sample: 452203-015 / SMP	Batc				
	Date Analyzed: 11/15/12 16:25		RROGATE R		STUDY	
		Amount Found [A]	True Amount [B]	Recovery %R [D]	Limits	Flags
1-Chlorooctane	Anarytes	78.0	99.8	78	70-135	
o-Terphenyl		38.5	49.9	77		
Lab Batch #: 901301	Sample: 452203-011 / SMP	Batc	h: ¹ Matrix	x:Soil	1	
	Date Analyzed: 11/20/12 10:03		RROGATE R		STUDY	
BTE		Amount Found [A]	True Amount [B]	Recovery %R [D]	Limits	Flag
1,4-Difluorobenzene	-x11a1 y U.S	0.0245	0.0300	82	80-120	
.,. 21114010001120110		0.04+5	0.0500	1 04	1 00-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution



Project Name: Trunk "O" Myers

fork Orders : 452203 Lab Batch #: 901022	Sample: 630020-1-BLK / BI	LK Batc		D: (RP-2695) x : Solid		
Units: mg/kg	Date Analyzed: 11/15/12 11:44	SU	RROGATE R	ECOVERY S	STUDY	
TPH	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1-Chlorooctane		91.0	99.8	91	70-135	
o-Terphenyl		44.8	49.9	90	70-135	
Lab Batch #: 901301	Sample: 630198-1-BLK / Bl		-			
Units: mg/kg	Date Analyzed: 11/20/12 10:36	SU	RROGATE R	ECOVERY	STUDY	
BTEZ	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flage
1.4-Difluorobenzene		0.0259	0.0300	86	80-120	
4-Bromofluorobenzene		0.0280	0.0300	93	80-120	
Lab Batch #: 901022	Sample: 630020-1-BKS / BI	KS Batc	h: ¹ Matrix	:Solid	1 1	
Units: mg/kg	Date Analyzed: 11/15/12 10:42		RROGATE R		STUDY	
TPH	By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flag
1-Chlorooctane	Analytes	20.0	00.0		70.125	
o-Terphenyl		89.9 54.5	99.9 50.0	90	70-135 70-135	
					70-155	
Lab Batch #: 901301	Sample: 630198-1-BKS / BI			-		
Units: mg/kg	Date Analyzed: 11/20/12 09:13	50	RROGATE R	ECOVERY		
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flage
1,4-Difluorobenzene		0.0268	0.0300	89	80-120	
4-Bromofluorobenzene		0.0297	0.0300	99	80-120	
Lab Batch #: 901022	Sample: 630020-1-BSD / BS	SD Batc	h: 1 Matrix	:Solid	· · · · ·	
Units: mg/kg	Date Analyzed: 11/15/12 11:10	SU	RROGATE R	ECOVERY	STUDY	
TPH	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flage
1-Chlorooctane	J	93.0	99.8	93	70-135	
		-	1	-		

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution



Project Name: Trunk "O" Myers

ork Orders : 452203 Lab Batch #: 901301	, Sample: 630198-1-BSD / B	SD Batc		D: (RP-2695) ::Solid	,	
Units: mg/kg	Date Analyzed: 11/20/12 09:30	SU	RROGATE R	ECOVERY	STUDY	
BTEX	X by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R	Control Limits %R	Flags
	Analytes			[D]		
1,4-Difluorobenzene		0.0301	0.0300	100	80-120	
4-Bromofluorobenzene		0.0335	0.0300	112	80-120	
Lab Batch #: 901022	Sample: 452203-001 S / MS		-			
Units: mg/kg	Date Analyzed: 11/15/12 17:23	SU	RROGATE R	ECOVERY	STUDY	
TPH	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		92.3	99.7	93	70-135	
o-Terphenyl		54.3	49.9	109	70-135	
Lab Batch #: 901301	Sample: 452203-011 S / MS	S Batc	h: ¹ Matrix	:Soil		
Units: mg/kg	Date Analyzed: 11/20/12 10:20	SU	RROGATE R	ECOVERY	STUDY	
BTE	X by EPA 8021B Analytes	Amount Found [A]	Found Amount		Control Limits %R	Flags
1,4-Difluorobenzene		0.0295	0.0300	98	80-120	
4-Bromofluorobenzene		0.0269	0.0300	90	80-120	
Lab Batch #: 901022	Sample: 452203-001 SD / N	ASD Batc	h: 1 Matrix	:Soil	1 1	
Units: mg/kg	Date Analyzed: 11/15/12 17:53		RROGATE R	ECOVERYS	STUDY	
TPH	By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane		91.4	99.9	91	70-135	
o-Terphenyl		54.2	50.0	108	70-135	
Lab Batch #: 901301	Sample: 452203-011 SD / N	ASD Batc	h: 1 Matrix	:Soil	11	
Units: mg/kg	Date Analyzed: 11/20/12 11:26		RROGATE R	ECOVERY S	STUDY	
BTE	X by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	·				00.120	
1,4-Difluorobenzene		0.0343	0.0300	114	80-120	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution





Project Name: Trunk "O" Myers

Work Order #: 452203					Project ID: (RP-2695)							
Analyst: KEB	Da	ate Prepar	ed: 11/20/201	12			Date Ar	nalyzed: 1	1/20/2012			
Lab Batch ID: 901301 Sample: 630198-1-E	SKS	Batcl	h#: 1		Matrix: Solid							
Units: mg/kg	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
BTEX by EPA 8021B Analytes	Sample ResultAddedSpikeSpike[A][A]Result%R[B][C][D]						Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
Benzene	<0.00100	0.100	0.0861	86	0.100	0.101	101	16	70-130	35		
Toluene	< 0.00200	0.100	0.0891	89	0.100	0.102	102	14	70-130	35		
Ethylbenzene	<0.00100	0.100	0.0822	82	0.100	0.0990	99	19	71-129	35		
m_p-Xylenes	< 0.00200	0.200	0.175	88	0.200	0.210	105	18	70-135	35		
o-Xylene	<0.00100	0.100	0.0849	85	0.100	0.104	104	20	71-133	35		
Analyst: TTE	Da	ate Prepar	ed: 11/12/201	12		Date Analyzed: 11/12/2012						
Lab Batch ID: 900714 Sample: 629851-1-E	SKS	Batcl	h#: 1					Matrix: S	olid			
Units: mg/kg		BLAN	K /BLANK S	SPIKE / F	BLANK S	PIKE DUPI	JCATE I	RECOVE	ERY STUD	Y		
Inorganic Anions by EPA 300/300.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag	
Chloride	<1.00	100	98.9	99	100	101	101	2	80-120	20		

Relative Percent Difference RPD = $200^{*}|(C-F)/(C+F)|$ Blank Spike Recovery [D] = $100^{*}(C)/[B]$ Blank Spike Duplicate Recovery [G] = $100^{*}(F)/[E]$ All results are based on MDL and Validated for QC Purposes





Project Name: Trunk "O" Myers

Work Order #: 452203 Analyst: KEB Lab Batch ID: 901022	Sample: 630020-1-BK		-	red: 11/15/201 h #: 1	2			Date A		RP-2695) 1/15/2012 Solid		
Units: mg/kg				K /BLANK S	PIKE / E	BLANK S	PIKE DUPI				Y	
TPH By SW8015	Mod	Blank Sample Result [A]	Spike Added	Blank Spike Result	Blank Spike %R	Spike Added	Blank Spike Duplicate	Blk. Spk Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes			[B]	[C]	[D]	[E]	Result [F]	[G]				
C6-C12 Gasoline Range Hydrocarbo	ons	<15.0	999	935	94	998	946	95	1	70-135	35	
C12-C28 Diesel Range Hydrocarbon	ns	<15.0	999	908	91	998	940	94	3	70-135	35	

Relative Percent Difference RPD = $200^{*}|(C-F)/(C+F)|$ Blank Spike Recovery [D] = $100^{*}(C)/[B]$ Blank Spike Duplicate Recovery [G] = $100^{*}(F)/[E]$ All results are based on MDL and Validated for QC Purposes



Form 3 - MS Recoveries

Project Name: Trunk "O" Myers



Work Order #: 452203							
Lab Batch #: 900714				Pro	oject ID:	(RP-2695)	
Date Analyzed: 11/12/2012	Date P	repared: 11/1	2/2012	А	nalyst: T	TE	
QC- Sample ID: 452203-002 S		Batch #: 1		I	Matrix: S	oil	
Reporting Units: mg/kg		MATE	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300		Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes		[A]	[B]				
Chloride		66.2	115	172	92	80-120	
Lab Batch #: 900714							
Date Analyzed: 11/12/2012	Date P	repared: 11/1	2/2012	А	nalyst: T	TE	
QC- Sample ID: 452203-012 S		Batch #: 1		r	Matrix: S	oil	
Reporting Units: mg/kg		MATE	RIX / MA	TRIX SPIKE	RECO	VERY STU	DY
Inorganic Anions by EPA 300		Parent Sample Result	Spike Added	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes		[A]	[B]				
Chloride		11.7	113	129	104	80-120	

Matrix Spike Percent Recovery [D] = 100*(C-A)/BRelative Percent Difference [E] = 200*(C-A)/(C+B)All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Form 3 - MS / MSD Recoveries

Project Name: Trunk "O" Myers



Work Order #: 452203						Project II	D: (RP-26	95)			
Lab Batch ID: 901301	QC- Sample ID: Date Prepared:				tch #: alyst:	1 Matrix KEB	x: Soil				
Date Analyzed: 11/20/2012 Reporting Units: mg/kg					J	KED KE DUPLICA	TE DEC	OVEDV	STUDY		
BTEX by EPA 8021B	Parent Sample	Spike	Spiked Sample Result	Spiked Sample	Spike	Duplicate	Spiked Dup.	RPD	Control Limits	Control Limits	Flag
Analytes	Result [A]	Added [B]	[C]	%R [D]	Added [E]	Result [F]	%R [G]	%	%R	%RPD	
Benzene	<0.00105	0.105	0.0944	90	0.106	0.114	108	19	70-130	35	
Toluene	<0.00211	0.105	0.0988	94	0.106	0.117	110	17	70-130	35	
Ethylbenzene	< 0.00105	0.105	0.0951	91	0.106	0.111	105	15	71-129	35	
m_p-Xylenes	<0.00211	0.211	0.199	94	0.212	0.231	109	15	70-135	35	
o-Xylene	<0.00105	0.105	0.0966	92	0.106	0.115	108	17	71-133	35	
Lab Batch ID: 901022	QC- Sample ID:	452203	-001 S	Ba	tch #:	1 Matrix	x: Soil				
Date Analyzed: 11/15/2012	Date Prepared:	11/15/2	012	An	alyst:	KEB					
Reporting Units: mg/kg		Μ	IATRIX SPIK	E / MAT	RIX SPI	KE DUPLICA	TE REC	OVERY	STUDY		
TPH By SW8015 Mod	Parent Sample Result	Spike Added	Spiked Sample Result [C]	Spiked Sample %R	Spike Added	Duplicate Spiked Sample Result [F]	Spiked Dup. %R	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes	[A]	[B]	[0]	[D]	[E]	incourt [r]	[G]				
C6-C12 Gasoline Range Hydrocarbons	<15.5	1030	950	92	1040	976	94	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.5	1030	954	93	1040	961	92	1	70-135	35	

Matrix Spike Percent Recovery $[D] = 100^{*}(C-A)/B$ Relative Percent Difference RPD = $200^{*}|(C-F)/(C+F)|$ Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E





Project Name: Trunk "O" Myers

Work Order #: 452203

Lab Batch #: 900713 Date Analyzed: 11/12/2012 12:40	-	ed: 11/12/2012	2 Anal	yst:WRU	D: (RP-2695	5)
QC- Sample ID: 452258-001 D	Batch			rix: Soil		OVEDV
Reporting Units: %		SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture		Parent Sample Result [A]	Duplicate Result	RPD	Control Limits %RPD	Flag
Analyte			[B]			
Percent Moisture		6.83	6.82	0	20	
Lab Batch #: 901092						
Date Analyzed: 11/16/2012 13:00	Date Prepar	ed: 11/16/2012	2 Anal	yst:WRU		
QC- Sample ID: 452203-002 D	Batch	n#: 1	Mat	rix: Soil		
Reporting Units: %		SAMPLE	SAMPLE	DUPLIC	ATE REC	OVERY
Percent Moisture		Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte			լոյ			
Percent Moisture		6.01	6.05	1	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) | All Results are based on MDL and validated for QC purposes. BRL - Below Reporting Limit

Xenco Laboratories

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765 Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager:	Ben J. Arguijo; Joel Low	ry		: : : : : : 			:				:		:	;	Pr	ojeci	Nar	ne:	Frun	ık "(0" M	yers	S					
	Company Name	Basin Environmental Ser	vice Tecl	hnolo	gies, LLC						÷				:		Pr	ojec	t #: (RP-	269	5)	· · .			1	·		
	Company Address:	P.O. Box 301				· · · · · · · · · · · · · · · · · · ·											Proie	ct L	oc: I	_ea C	Coun	nty, Ni	M.				· · ·	-	
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	City/State/Zip:	Lovington, NM 88260			an a						. :	1 - L - J 	 			•		PC	1. T			nern l	1.1.		11	-			
	Telephone No:	(575)396-2378	<u></u>			Fax No:		(57	5) 3	96-1	429			-		Repo	t Fo	mat	:	x s	tand	ard			TRRF)	א נ	IPDES	3
	Sampler Signature:	Jael Jou	n	/	:	e-mail:		pm	@ba	isin	env.o	com	rose.	slad	e@s	ug.com			· .			Amalia			-				1 :
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									FL								80151	1006	· · ·		Metals: As Ag Ba Cd Cr Pb Hg Se			BTEX 8021B/5030 or BTEX 8260			s	e) 24, 48,	
(vlino								5		:						r SL=Sludg r S=Soil/Sol Specify Oth	8015M	TX 1	Ŷ	Anions (Cl, SO4, Alkalinity)	C P			or BTE		:	Total Dissolved Solids	chedul	Standard TAT 4 DAY
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Final 1.000

Xenco Laboratories

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East Odessa, Texas 79765

Phone: 432-563-1800 Fax: 432-563-1713

	Project Manager:	Ben J. Arguijo; Joel Low	ry		· · · · ·	· · · · · · · · · · · · · · · · · · ·									_:	Pro	ojeci	t Nan	ne: <u>T</u>	run	k "(<u>)" N</u>	lyer	S			<u> </u>			: .
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	Company Address:	P.O. Box 301														F	Proje	ect Le	c: L	.ea C	oun	ty, N	M	: :		-				
	City/State/Zip:	Lovington, NM 88260													-			PO		sill S	outh	iern 1	Unio	n Ga	as S	iervi	ces			<u> </u>
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	Sampler Signature:	Juel Jour				e-mail:	p	m@	bas	inen	iv.co	m ro	se.sla	ade@)sug	com														
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XENCO Laboratories



Prelogin/Nonconformance Report- Sample Log-In

Client: PLAINS ALL AMERICAN EH&SAcceptable Temperature Range: 0 - 6 degCDate/ Time Received: 11/09/2012 10:00:00 PMAir and Metal samples Acceptable Range: AmbientWork Order #: 452203Temperature Measuring device used :

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	9.7	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	Yes	
#5 Custody Seals intact on sample bottles?	Yes	
#6 *Custody Seals Signed and dated?	Yes	
#7 *Chain of Custody present?	Yes	
#8 Sample instructions complete on Chain of Custody?	Yes	
#9 Any missing/extra samples?	No	
#10 Chain of Custody signed when relinquished/ received?	Yes	
#11 Chain of Custody agrees with sample label(s)?	Yes	
#12 Container label(s) legible and intact?	Yes	
#13 Sample matrix/ properties agree with Chain of Custody?	Yes	
#14 Samples in proper container/ bottle?	Yes	
#15 Samples properly preserved?	Yes	
#16 Sample container(s) intact?	Yes	
#17 Sufficient sample amount for indicated test(s)?	Yes	
#18 All samples received within hold time?	Yes	
#19 Subcontract of sample(s)?	Yes	
#20 VOC samples have zero headspace (less than 1/4 inch bubble)?	Yes	
#21 <2 for all samples preserved with HNO3,HCL, H2SO4?	Yes	
#22 >10 for all samples preserved with NaAsO2+NaOH, ZnAc+NaOH?	Yes	

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Date: _____

Checklist reviewed by:

Date: _____

DATE: VEHICLE NO: GENERATOR COMMANY CHARGE TO: Is: NAME MANY SHAME CHARGE TO: Is: NAME Is: NAME CHARGE TO: Is: NAME Is: NAME I: J Tank Bottoms Is: Contaminated Soil Is: Is: Contaminated Soil Is: Is: Is: Contaminated Soil I: J Solids I: J BS&W Content: I: Call Out Description: Is: Is: Is: Is: Contaminated Soil Is:	<u> </u>	P.O. Box 1737 Eunice, New N (575) 394-2511	Aexico 88231	TICKET No. 225838
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DTE: VEHICLE NO: CENERATOR COMPANY MARS MARE CHARGE TO: INC. MARKER CHARGE TO: INC. MARKERR CHARGE TO: INC. MA	LEASE NAME:	KUNK O. LI	IELS	
<form><form><form></form></form></form>	TRANSPORTER CO	DMPANY: BASIN	ENVIR.	TIME 33 AM/PM
TYPE OF MATERIAL	DATE: 11/7	12 VEHICLE NO: 8		
TYPE OF MATERIAL <pre></pre>	CHARGE TO:	ÜG		
[] Tank Bottoms [] Contaminated Soil [] Jet Out [] Solids [] BS&W Content: [] Jet Out Description:				
I Solids I BS&W Content: I Call Out Description:				
Bescription: C-133# C-133# C-133# COUME OF MATERIAL []BBLS: []YARD: []: SA CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERE, SOURCE, ON SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB SOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACLUITY FOR DISPOSAL. MIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the dove described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. MIX BUILDED TO THE MATERIAL SHIPPED WITH THIS OF MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY DEVENTION AND THE MATERIAL DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACLUITY FOR DISPOSAL.			~	
RRC or API # C-133# VOLUME OF MATERIAL []BBLS: []YARD: []: AS A CONDITION TO SUNDANCE SERVICES, INC:S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.		ala	I J BS&W Content:	
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FACILITY REPRESENTATIVE: (SIGNATURE) White - Sundance Canary - Sundance Acct #1 Pink - Transporter	MATERIAL EX TO TIME, 40 L THERETO, BY ASSOCIATED GEOTHERMA ALSO AS AC TICKET. TRA OPERATOR/SI FACILITY FOR THIS WILL C above describ materials were DRIVER:	EMPT FROM THE RESOURCE, CO S.C. § 6901, et seq., THE NM H VIRTUE OF THE EXEMPTION AI WITH THE EXPLORATION, DEV L ENERGY. CONDITION TO SUNDANCE SER NSPORTER REPRESENTS AI HIPPER TO TRANSPORTER IS N DISPOSAL. ERTIFY that the above Transpo ed location, and that it was tend a added to this load, and that the MATURE PRESENTATIVE:	DNSERVATION AND RECOVERY ACT EALTH AND SAF. CODE § 361.001 e FFORDED DRILLING FLUIDS, PROD /ELOPMENT OR PRODUCTION OF VICES, INC.'S ACCEPTANCE OF THE ND WARRANTS THAT ONLY NOW DELIVERED BY TRANSPORTE rter loaded the material represented dered by the above described shipp	T OF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE F CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY ER TO SUNDANCE SERVICES, INC.'S In by this Transporter Statement at the ther. This will certify that no additional

LEASE OPERATOR/SHIPPER/COMPANY:	P.O. Box 1737 Eunice, New (575) 394-25		TICKET No. 225817
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RRC or API # C-133# VOLUME OF MATERIAL []BBLS: []YARD: []: AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERWITH IS MATERIAL SEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. \$ 6901, et seq., THE NM HEALTH AND SAF. CODE \$ 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER:	L J Solids	[] BS&W Content:	[] Call Out
VOLUME OF MATERIAL [] BBLS. : [] YARD : [] AS A CONDITION TO SUNDANCE SERVICES, INC:S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL SEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO THE, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. DRIVER:	Description: 0/0)	
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AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. \$ 6901, et seq., THE NM HEALTH AND SAF. CODE \$ 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S ACCLITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident. INTERE (SEMATURE) White Sundance			
White - Sundance Canary - Sundance Acct #1 Pink - Transporter	AS A CONDITION TO SUNDANCE SERV		

	nice, New Mexico 88231 5) 394-2511	TICKET No. 225802
LEASE OPERATOR/SHIPPER/COMPAN	Y: 5116	
LEASE NAME: TRUCK OI	UVERS	
TRANSPORTER COMPANY: BAS	N ENVIRONMENT	RL TIME 11:27 AM/PA
DATE: 11712 VEHICLE	NO: 12 GENE	MAN'S NAME: CURTIS STANK
CHARGETO: SUG		IG NAME ND NUMBER
	TYPE OF MATERIAL	
[] Production V		[] Rinsate
[] Tank Bottom		[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description: dt)	
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	: [] YARD	2: []
TICKET, OPERATOR/SHIPPER REP MATERIAL EXEMPT FROM THE RES TO TIME, 40 U.S.C. § 6901, et seq., THERETO, BY VIRTUE OF THE EXEM ASSOCIATED WITH THE EXPLORA GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUND TICKET. TRANSPORTER REPRES OPERATOR/SHIPPER TO TRANSPO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the abo	ICE SERVICES, INC.'S ACCEPTANCE OF THE RESENTS AND WARRANTS THAT THE WAS OURCE, CONSERVATION AND RECOVERY A THE NM HEALTH AND SAF. CODE § 361.00 MPTION AFFORDED DRILLING FLUIDS, PRO TION, DEVELOPMENT OR PRODUCTION (PANCE SERVICES, INC.'S ACCEPTANCE OF THE ENTS AND WARRANTS THAT ONLY DRTER IS NOW DELIVERED BY TRANSPOF	STE MATERIAL SHIPPED HEREWITH IS ACT OF 1976, AS AMENDED FROM TIME It et seq., AND REGULATIONS RELATED ODUCED WATERS, AND OTHER WASTE OF CRUDE OIL OR NATURAL GAS OR HE MATERIALS SHIPPED WITH THIS JOB Y THE MATERIAL DELIVERED BY RTER TO SUNDANCE SERVICES, INC.'S
DRIVER:	it was tendered by the above described ship nd that the material was delivered without	pper. This will certify that no additional incident.
FACILITY REPRESENTATIVE:	ATURE)	20
White - Sundance	Canary - Sundance Acct #1	Pink - Transporter

P.O. Box 1737 Eunice, New M (575) 394-2511	Aexico 88231	TICKET No. 225784
LEASE OPERATOR/SHIPPER/COMPANY:	FAN ENVIRONA	At N
LEASE NAME: TRUCK 'O' MYE	The second	<u> </u>
TRANSPORTER COMPANY: BASIN E	NVIRONMENTA	TIME DO CAM/PA
DATE: 172 VEHICLE NO:		MAN'S NAME: CURTIC STAVLE
CHARGE TO: SUG	RIG N	IAME NUMBER
		NOMDER
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms [] Solids	[] Contaminated Soil	[] Jet Out
L J Solids	[] BS&W Content:	[] Call Out
Description: 010		
RRC or API #		C-133#
OLUME OF MATERIAL [] BBLS	_: []YARD_2	: []
TICKET, OPERATOR/SHIPPER REPRESENTS A MATERIAL EXEMPT FROM THE RESOURCE, CC TO TIME, 40 U.S.C. § 6901, et seq., THE NM H THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SER TICKET. TRANSPORTER REPRESENTS AN OPERATOR/SHIPPER TO TRANSPORTER IS N FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transpon above described location, and that it was tend materials were added to this load, and that the DRIVER: (SIGMATURE) FACILITY REPRESENTATIVE: (SIGMATURE)	DNSERVATION AND RECOVERY ACT EALTH AND SAF. CODE § 361.001 e FORDED DRILLING FLUIDS, PROD ELOPMENT OR PRODUCTION OF VICES, INC.'S ACCEPTANCE OF THE ND WARRANTS THAT ONLY NOW DELIVERED BY TRANSPORTE For the loaded the material represented level by the above described shippe e material was delivered without inc	F OF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY IR TO SUNDANCE SERVICES, INC.'S
White - Sundance Ca	anary - Sundance Acct #1	Pink - Transporter

(575) 394-2511	VICES, Inc. Mexico 88231	KET No. 225775
LEASE OPERATOR/SHIPPER/COMPANY:	G	
LEASE NAME: TRUCK O MYE	RS	
TRANSPORTER COMPANY: BASIN F	NUISONMENTAL	TIMES 55 AM/PM
DATE: 117 12 VEHICLE NO: 3	GENERATOR COL MAN'S	
CHARGE TO: SUG	RIG NAME	
	AND NUMBE	R
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description: 0/D		
RRC or API #		C-133#
AS A CONDITION TO SUNDANCE SERVIC	ES, INC.'S ACCEPTANCE OF THE MATER	: []
MATERIAL EXEMPT FROM THE RESOURCE, CO TO TIME, 40 U.S.C. § 6901, et seq., THE NM H THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY.	ND WARRANTS THAT THE WASTE MA DISERVATION AND RECOVERY ACT OF 1 EALTH AND SAF. CODE § 361.001 et seq FORDED DRILLING FLUIDS, PRODUCE	976, AS AMENDED FROM TIME , AND REGULATIONS RELATED WATERS, AND OTHER WASTE
MATERIAL EXEMPT FROM THE RESOURCE, CC TO TIME, 40 U.S.C. § 6901, et seq., THE NM H THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV	ND WARRANTS THAT THE WASTE MAT DISERVATION AND RECOVERY ACT OF 1 EALTH AND SAF. CODE § 361.001 et seq FORDED DRILLING FLUIDS, PRODUCEL ELOPMENT OR PRODUCTION OF CRU VICES, INC.'S ACCEPTANCE OF THE MATE ID WARRANTS THAT ONLY THE	976, AS AMENDED FROM TIME , AND REGULATIONS RELATED O WATERS, AND OTHER WASTE DE OIL OR NATURAL GAS OR RIALS SHIPPED WITH THIS JOB MATERIAL DELIVERED BY
MATERIAL EXEMPT FROM THE RESOURCE, CO TO TIME, 40 U.S.C. § 6901, et seq., THE NM H THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SER TICKET. TRANSPORTER REPRESENTS AN OPERATOR/SHIPPER TO TRANSPORTER IS N	ND WARRANTS THAT THE WASTE MAT DISERVATION AND RECOVERY ACT OF 1 EALTH AND SAF. CODE § 361.001 et seq FORDED DRILLING FLUIDS, PRODUCED ELOPMENT OR PRODUCTION OF CRU VICES, INC.'S ACCEPTANCE OF THE MATE ID WARRANTS THAT ONLY THE OW DELIVERED BY TRANSPORTER TO CATER LOADED TO THE MATERIAL OF THE MATERIAL OF THE COW DELIVERED BY TRANSPORTER TO A COMPARENT OF THE MATERIAL OF THE MATE	976, AS AMENDED FROM TIME , AND REGULATIONS RELATED O WATERS, AND OTHER WASTE DE OIL OR NATURAL GAS OR RIALS SHIPPED WITH THIS JOB MATERIAL DELIVERED BY SUNDANCE SERVICES, INC.'S is Transporter Statement at the s will certify that no additional
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MATERIAL EXEMPT FROM THE RESOURCE, CO TO TIME, 40 U.S.C. § 6901, et seq., THE NM H THERETO, BY VIRTUE OF THE EXEMPTION AF ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SER TICKET. TRANSPORTER REPRESENTS AN OPERATOR/SHIPPER TO TRANSPORTER IS N FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transpon above described location, and that it was tend materials were added to this load, and that the DRIVER: (SIGNATURE) FACILITY REPRESENTATIVE:	ND WARRANTS THAT THE WASTE MAT DISERVATION AND RECOVERY ACT OF 1 EALTH AND SAF. CODE § 361.001 et seq FORDED DRILLING FLUIDS, PRODUCED ELOPMENT OR PRODUCTION OF CRU VICES, INC.'S ACCEPTANCE OF THE MATE ID WARRANTS THAT ONLY THE OW DELIVERED BY TRANSPORTER TO reter loaded the material represented by the lered by the above described shipper. The material was delivered without incident	976, AS AMENDED FROM TIME , AND REGULATIONS RELATED O WATERS, AND OTHER WASTE DE OIL OR NATURAL GAS OR RIALS SHIPPED WITH THIS JOB MATERIAL DELIVERED BY SUNDANCE SERVICES, INC.'S is Transporter Statement at the s will certify that no additional

LEACE ODED TEAT	(575) 394-2511	1exico 88231	TICKET No. 225843
LEASE OPERATOR/SHIF	PPER/COMPANY:	16	
TRANSPORTER COMPA	NEOMY	ERS	
DATE: 11-1	7 VEHICLE NO: 0	ENVIK	IERATOR COMPANY
	C TEINCEE NO. 9		MAN'S NAME: CARES STALE
CHARGE TO: SU	16		RIG NAME AND NUMBER
		TYPE OF MATERIAL	
]] Production Water	[] Drilling Fluids	[] Rinsate
]] Tank Bottoms	Contaminated Soil	[] Jet Out
1] Solids	[] BS&W Content:	[] Call Out
Description:	010		
RC or API #	12		C-133#
OLUME OF MATERIAL	[] BBLS	: [] YARD	
TO TIME, 40 U.S.C. 4 THERETO, BY VIRTU ASSOCIATED WITH GEOTHERMAL ENER ALSO AS A CONDI TICKET. TRANSPOL OPERATOR/SHIPPER FACILITY FOR DISPO THIS WILL CERTIF above described loca	FROM THE RESOURCE, CO § 6901, et seq., THE NM HE IE OF THE EXEMPTION AF THE EXPLORATION, DEVING RGY. TION TO SUNDANCE SERVE RTER REPRESENTS AN R TO TRANSPORTER IS NO DSAL. FY that the above Transport ation, and that it was tend	INSERVATION AND RECOVERY EALTH AND SAF. CODE § 361.0 FORDED DRILLING FLUIDS, PF ELOPMENT OR PRODUCTION /ICES, INC.'S ACCEPTANCE OF T ID WARRANTS THAT ONL OW DELIVERED BY TRANSPO	ASTE MATERIAL SHIPPED HEREWITH IS ACT OF 1976, AS AMENDED FROM TIME O1 et seq., AND REGULATIONS RELATED RODUCED WATERS, AND OTHER WASTE OF CRUDE OIL OR NATURAL GAS OR THE MATERIALS SHIPPED WITH THIS JOB Y THE MATERIAL DELIVERED BY RTER TO SUNDANCE SERVICES, INC.'S Inted by this Transporter Statement at the ipper. This will certify that no additional t incident.
DRIVER: (SIGNATURE) FACILITY REPRESE		el DI	600

(575) 394-2511	exico 88231	TICKET No. 225820
LEASE OPERATOR/SHIPPER/COMPANY:	G	
LEASE NAME: TRUNKO MY	IERS	
TRANSPORTER COMPANY: BASIN &	NVIR.	TIME 12 STAM/PN
DATE: 117/2 VEHICLE NO: 9	GENERA	TOR COMPANY MAN'S NAME: CIPTO STALL
CHARGE TO: SUG		VAME
		NUMBER
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:		
RRC or API #		C-133#
OLUME OF MATERIAL [] BBLS	_: [] YARD [2	
MATERIAL EXEMPT FROM THE RESOURCE, CON TO TIME, 40 U.S.C. § 6901, et seq., THE NM HE, THERETO, BY VIRTUE OF THE EXEMPTION AFF ASSOCIATED WITH THE EXPLORATION, DEVE GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SERVI TICKET. TRANSPORTER REPRESENTS AND OPERATOR/SHIPPER TO TRANSPORTER IS NO FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transport above described location, and that it was tende materials were added to this load, and that the r (SIGMATURE) FACILITY REPRESENTATIVE:	ALI H AND SAF. CODE § 361.001 e CORDED DRILLING FLUIDS, PROD LOPMENT OR PRODUCTION OF ICES, INC.'S ACCEPTANCE OF THE D WARRANTS THAT ONLY DW DELIVERED BY TRANSPORTE er loaded the material represented by the above described shipp	et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY THE MATERIAL DELIVERED BY THE SUNDANCE SERVICES, INC.'S
(SIGNATURE)		

	(575) 394-251	Mexico 88231 1	TICKET No. 225803
LEASE OPERATO	R/SHIPPER/COMPANY:	IG	
LEASE NAME:	Ruck on	1ER	
TRANSPORTER	OMPANY: BASIN	ENVIPONMENT	TIME 1:34 AM/PM
DATE:	12 VEHICLE NO: 9	GENER/	MAN'S NAME: CURTIS STANL
CHARGE TO: S	UG		NAME
		TYPE OF MATERIAL	
	[] Production Water	[] Drilling Fluids	[] Rinsate
	[] Tank Bottoms [] Solids	Contaminated Soil	[] Jet Out
	- 1 -	[] BS&W Content:	[] Call Out
Descript	ion:		
RRC or API #			C-133#
VOLUME OF MAT	ERIAL []BBLS	: [] YARD	2: []
TO TIME, 40 I THERETO, BY ASSOCIATED GEOTHERMA ALSO AS A TICKET. TRA OPERATOR/S FACILITY FOF THIS WILL C above describ	A Second The Resource, Co J.S.C. § 6901, et seq., THE NM H VIRTUE OF THE EXEMPTION A WITH THE EXPLORATION, DEV L ENERGY. CONDITION TO SUNDANCE SER INSPORTER REPRESENTS AN HIPPER TO TRANSPORTER IS N DISPOSAL.	ONSERVATION AND RECOVERY AC EALTH AND SAF. CODE § 361.001 FFORDED DRILLING FLUIDS, PROI /ELOPMENT OR PRODUCTION OF VICES, INC.'S ACCEPTANCE OF THE ND WARRANTS THAT ONLY NOW DELIVERED BY TRANSPORT	T OF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE F CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY ER TO SUNDANCE SERVICES, INC.'S d by this Transporter Statement at the per. This will certify that no additional cident.
	PRESENTATIVE:	DOCL	
	(SIGNATURE)	HY X	

	(575) 394-2	511	TICKET No. 225785
LEASE NAME:	PULOWPANY:	UG	
TRANSPORTER COI	MPANY: CARIN	MYER	
DATE:	VEHICLE NO:	GENERAT	OR COMPANY
CHARGE TO:			MAN'S NAME: CUPTIS SIMULE
CHARGE ID: 50	10	RIG N AND I	AME NUMBER
		TYPE OF MATERIAL	
~	[] Production Water	[] Drilling Fluids	[] Rinsate
	[] Tank Bottoms	Contaminated Soil	[] Jet Out
	[] Solids	[] BS&W Content:	[] Call Out
Description	<u> </u>		
RRC or API #			C-133#
IICKET, OPERA	ITION TO SUNDANCE SER TOR/SHIPPER REPRESENTS	VICES, INC.'S ACCEPTANCE OF THE M S AND WARRANTS THAT THE WASTE	ATERIALS SHIPPED WITH THIS JOB
AS A COND TICKET, OPERA MATERIAL EXEM TO TIME, 40 U.S THERETO, BY VI ASSOCIATED W GEOTHERMAL E ALSO AS A CO TICKET. TRANS OPERATOR/SHII FACILITY FOR D THIS WILL CEI above described	ITION TO SUNDANCE SER TOR/SHIPPER REPRESENTS APT FROM THE RESOURCE, .C. § 6901, et seq., THE NM RTUE OF THE EXEMPTION ITH THE EXPLORATION, D ENERGY. NDITION TO SUNDANCE S SPORTER REPRESENTS PPER TO TRANSPORTER IS ISPOSAL. RTIFY that the above Transp location, and that it was te dded to this load, and that	VICES, INC'S ACCEPTANCE OF THE M	ATERIALS SHIPPED WITH THIS JOB MATERIAL SHIPPED HEREWITH IS OF 1976, AS AMENDED FROM TIME t seq., AND REGULATIONS RELATED UCED WATERS, AND OTHER WASTE CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY R TO SUNDANCE SERVICES, INC.'S

	CE SERVICES, In 1737 Eunice, New Mexico 88231 (575) 394-2511	TICKET No.	225776
LEASE OPERATOR/SHIPPER/CO	MPANY: SCG		
LEASE NAME: TRUCK	O" INVERS		
TRANSPORTER COMPANY:	3ASIN ENVIRON	MANTAL T	IME 8:53 AM/PM
DATE: 11/1/2 VE	HICLE NO:	GENERATOR COMPANY MAN'S NAME:	PHICSDANIE
CHARGE TO: SUG		RIG NAME	THE SUMPLE
		AND NUMBER	
	TYPE OF MATE	RIAL	
[] Produ	ction Water [] Drilling F	luids [] Rinsat	e .
[] Tank B		nated Soil [] Jet Ou	ıt
[] Solids	[] BS&W Co	ntent: [] Call O	ut
Description:	0/D		
RRC or API #	1	C-133#	
VOLUME OF MATERIAL	BBLS	YARD 2 :	[]
MATERIAL EXEMPT FROM 11 TO TIME, 40 U.S.C. § 6901, e THERETO, BY VIRTUE OF TH ASSOCIATED WITH THE EX GEOTHERMAL ENERGY. ALSO AS A CONDITION TO TICKET. TRANSPORTER F OPERATOR/SHIPPER TO TR/ FACILITY FOR DISPOSAL. THIS WILL CERTIFY that th above described location, an	R REPRESENTS AND WARRANTS TH HE RESOURCE, CONSERVATION AND Set seq., THE NM HEALTH AND SAF. CO IE EXEMPTION AFFORDED DRILLING PLORATION, DEVELOPMENT OR PRO SUNDANCE SERVICES, INC.'S ACCEP" REPRESENTS AND WARRANTS T ANSPORTER IS NOW DELIVERED BY the above Transporter loaded the mater of that it was tendered by the above a load, and that the material was delive	RECOVERY ACT OF 1976, AS AM DE § 361.001 et seq., AND REG FLUIDS, PRODUCED WATERS, J DDUCTION OF CRUDE OIL OR TANCE OF THE MATERIALS SHIP HAT ONLY THE MATERIAL ' TRANSPORTER TO SUNDANC rial represented by this Transpor	IENDED FROM TIME ULATIONS RELATED AND OTHER WASTE NATURAL GAS OR PED WITH THIS JOB DELIVERED BY E SERVICES, INC.'S
DRIVER: (SIGNATURE)			

1 1 P.O.	Box 1737 Eunice, New (575) 394-251	VICES, Inc. Mexico 88231	TICKET No. 225939
LEASE OPERATOR/SHIPPE	R/COMPANY:	SUG	
LEASE NAME: THU	nK "0'	MUPYS	
TRANSPORTER COMPANY:	Basin	Envira.	TIME 9:50 AM/PA
DATE: 11-8-12	VEHICLE NO:	S GENERA	TOR COMPANY MAN'S NAME: 1117 Standa
CHARGE TO:	SUG		NAME NUMBER
	1		NUMBER
		TYPE OF MATERIAL	
	roduction Water	[] Drilling Fluids	[] Rinsate
	ank Bottoms	M Contaminated Soil	[] Jet Out
[] Sc	Diids	[] BS&W Content:	[] Call Out
Description:	0	10	
RRC or API #			C-133#
AS A CONDITION TO TICKET, OPERATOR/SHI			ATERIALS SHIPPED WITH THIS JOB
AS A CONDITION TO TICKET, OPERATOR/SHI MATERIAL EXEMPT FRO TO TIME, 40 U.S.C. § 690 THERETO, BY VIRTUE OU ASSOCIATED WITH THE GEOTHERMAL ENERGY. ALSO AS A CONDITION TICKET. TRANSPORTER OPERATOR/SHIPPER TO FACILITY FOR DISPOSAL THIS WILL CERTIFY th above described location materials were added to the DRIVER: (SIGNATURE)	D SUNDANCE SERVIC PPER REPRESENTS A MTHE RESOURCE, CC 01, et seq., THE NM HI F THE EXEMPTION AF E EXPLORATION, DEV NTO SUNDANCE SERV R REPRESENTS AN TRANSPORTER IS N at the above Transpor and that it was tend this load, and that the	CES, INC.'S ACCEPTANCE OF THE N AND WARRANTS THAT THE WASTE DNSERVATION AND RECOVERY ACT EALTH AND SAF. CODE § 361.001 e FORDED DRILLING FLUIDS, PROD VELOPMENT OR PRODUCTION OF VICES, INC.'S ACCEPTANCE OF THE I ND WARRANTS THAT ONLY T IOW DELIVERED BY TRANSPORTE	MATERIALS SHIPPED WITH THIS JOB MATERIAL SHIPPED HEREWITH IS FOF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED UCED WATERS, AND OTHER WASTE CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY R TO SUNDANCE SERVICES, INC.'S
AS A CONDITION TO TICKET, OPERATOR/SHI MATERIAL EXEMPT FRO TO TIME, 40 U.S.C. § 690 THERETO, BY VIRTUE OU ASSOCIATED WITH THE GEOTHERMAL ENERGY. ALSO AS A CONDITION TICKET. TRANSPORTER OPERATOR/SHIPPER TO FACILITY FOR DISPOSAL THIS WILL CERTIFY th above described location materials were added to the DRIVER:	D SUNDANCE SERVIC PPER REPRESENTS A M THE RESOURCE, CC 01, et seq., THE NM H F THE EXEMPTION AF E EXPLORATION, DEV N TO SUNDANCE SERVIC REPRESENTS AN TRANSPORTER IS N at the above Transport and that it was tend this load, and that the TIVE: (SIGNATURE)	CES, INC.'S ACCEPTANCE OF THE N AND WARRANTS THAT THE WASTE DNSERVATION AND RECOVERY ACT EALTH AND SAF. CODE § 361.001 e FORDED DRILLING FLUIDS, PROD VELOPMENT OR PRODUCTION OF VICES, INC.'S ACCEPTANCE OF THE I ND WARRANTS THAT ONLY IOW DELIVERED BY TRANSPORTE INTERVIEW OF THE INTERVIEW OF THE INTERVIEW INTERVIEW OF THE INTERVIEW OF THE INTERVIEW OF THE INTERVIEW INTERVIEW OF THE INTERVIEW OF T	MATERIALS SHIPPED WITH THIS JOB MATERIAL SHIPPED HEREWITH IS FOF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED UCED WATERS, AND OTHER WASTE CRUDE OIL OR NATURAL GAS OR MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY R TO SUNDANCE SERVICES, INC.'S

P.O. Box 1737 Eunice, New (575) 394-251	Mexico 88231	TICKET No. 225940
LEASE OPERATOR/SHIPPER/COMPANY:	UG	
LEASE NAME: Trunk "O	"muers	
TRANSPORTER COMPANY: Basin	Enviro.	TIME 1:53 AM/PI
DATE: 11-8-12 VEHICLE NO: 9	GENEF	ATOR COMPANY MAN'S NAME: Stanley
CHARGE TO: SUG		NAME D NUMBER
	TYPE OF MATERIAL	
[] Production Water	[] Drilling Fluids	[] Rinsate
[] Tank Bottoms	Contaminated Soil	[] Jet Out
[] Solids	[] BS&W Content:	[] Call Out
Description:0/	D	
RRC or API #		C-133#
VOLUME OF MATERIAL [] BBLS	: YARD_/	2 : []
AS A CONDITION TO SUNDANCE SERVIN TICKET, OPERATOR/SHIPPER REPRESENTS / MATERIAL EXEMPT FROM THE RESOURCE, C TO TIME, 40 U.S.C. § 6901, et seq., THE NM H THERETO, BY VIRTUE OF THE EXEMPTION A ASSOCIATED WITH THE EXPLORATION, DEV GEOTHERMAL ENERGY. ALSO AS A CONDITION TO SUNDANCE SER TICKET. TRANSPORTER REPRESENTS A OPERATOR/SHIPPER TO TRANSPORTER IS IN FACILITY FOR DISPOSAL. THIS WILL CERTIFY that the above Transpon above described location, and that it was ten materials were added to this load, and that th DRIVER: 	AND WARRANTS THAT THE WAS ONSERVATION AND RECOVERY AG HEALTH AND SAF. CODE § 361.001 FFORDED DRILLING FLUIDS, PRC VELOPMENT OR PRODUCTION C RVICES, INC.'S ACCEPTANCE OF TH ND WARRANTS THAT ONLY NOW DELIVERED BY TRANSPOR OFTER loaded the material represent dered by the above described ship	TE MATERIAL SHIPPED HEREWITH IS CT OF 1976, AS AMENDED FROM TIME et seq., AND REGULATIONS RELATED DUCED WATERS, AND OTHER WASTE F CRUDE OIL OR NATURAL GAS OR E MATERIALS SHIPPED WITH THIS JOB THE MATERIAL DELIVERED BY TER TO SUNDANCE SERVICES, INC.'S Ed by this Transporter Statement at the per. This will certify that no additional
(SIGNATURE)	anary - Sundance Acct #1	Pink - Transporter

District 1 1625 N. French Dr., Hobbs, NM 88240 District II. 1301 W. Grand Avenue, Artesia, NM 88210 Dir CIII io Brazos Road, Aztec, NM 87410

AIV S. St. Francis Dr., Santa Fe. NM 87505 70

State of New Mexico Energy Minerals and Natural Resources

RECEI Form C-141 vised October 10, 2003 MAR 2 Submit 2 Copies to appropriate District Office in accordance HOBBSUC with Rule 116 on back

side of form

Oil Conservation Division 1220 South St. Francis Dr.

Santa Fe, NM 87505

Release Notification and Corrective Action

	OPERATOR Initial Report Final Report
Name of Company: Southern Union Gas Services	Contact: Rose Slade
Address: 801 S. Loop 464 Monahans, TX. 79756	Telephone No. 817-302-9716
Facility Name: Trunk "O" line	Facility Type: Gathering Pipeline
Facility I values. I Halls of Links	

co r	1	3/ miliwe	R. S. a reserves	
Surface	1 132/13/21-1	N CHIN	VIVELS	
17131 1622 30		2 2.2 2 2 2 3 1	are stand .	

Mineral Owner

Lease No.

den de	LOCATION OF RELEASE							
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County Lea County
		235	36E					Lea County
(.	1 33	420		La manana and an and an	a na	the second s	n An an	An -

Latitude: N 39 16.005 Longitude: W 103 14:375

NATURE	OF RELEASE	
Type of Release: § bbls. Produced water & 2 bbls. Crude oil	Volume of Release: 10 barrels & 900 Mcf of natural gas	Volume Recovered: 0
Source of Release: Release on 30" pipeline	Date and Hour of Occurrence: 3/19/2011 (time unknown)	Date and Hour of Discovery: 3/19/2011 At 9:00AM
Was Immediate Notice Given?	If YES, To Whom?	
	Date and Hour:	
By Whom? a Watercourse Reached?	If YES. Volume Impacting the Wa	tercourse.
If a Watercourse was Impacted, Describe Fully.*	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
Describe Cause of Problem and Remedial Action Taken.*		
repaired and will be replaced at a later date. Describe Area Affected and Cleanup Action Taken.* The area affected is approximately 300'x150' a lot of the release became	airborne with the strong winds blowi	ng. The release will be remediated
according to NMOCD regulatory guidelines.		
I hereby certify that the information given above is true and complete to t regulations all operators are required to report and/or file certain release n public health or the environment. The acceptance of a C-141 report by th should their operations have failed to adequately investigate and remediat or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	when the NMOCD marked as "Final Report" te contamination that pose a threat to loes not relieve the operator of respon	does not releases when may endinger ground water, surface water, human health asibility for compliance with any other
Signature too A Dad		VATION DIVISION
Printed Name: Rosa L. Slade	Approved by District Supervisor:	Loogerey Lebring
re: EHS Compliance Specialist	Approval Date: 03 23 2011	Expiration Date: 05/23/2011
E-mail Address: rose.siade@sug.com	Conditions of Approval: SUBMIT C-141 BY 05/23/2011.	FINAL Attached [] IRP-03-11-2695

Date: Attach Additional Sheets If Necessary

Phone: 432-940-5147

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 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	Southern Union C	as Services, Ltd.	Contact	(Crystal Callaway
Address	801 S. Loop 464, Monal	nans, TX, 79756	Telephone No.	817-30	2-9407
Facility Name: Trunk "O" (Meyers) (RP-2695)		Facility Type	Gathe	ering Pipeline	
Surface Owner Kel	ly Meyers	Mineral Owner:		Lease No.	

LOCATION OF RELEASE

Unit Letter C	Section 35	Township 23S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude N32 16.005

Longitude W103 14.375

NATURE OF RELEASE							
Type of Release: 8 bbls, Produced water & 2 bbls, Crude oil	Volume of Release 10 barrels &	Volume Recovered 0					
	and 900 MCF Nat. Gas						
Source of Release: Release on 30" pipeline	Date and Hour of Occurrence	Date and Hour of Discovery 3/19/2011					
	3/19/2011 (time unknown)	Time:9:00AM					
Was Immediate Notice Given?	If YES, To Whom?						
🗌 Yes 🛛 No 🗌 Not Required							
By Whom?	Date and Hour:						
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse.						
🗌 Yes 🖾 No							
If a Watercourse was Impacted, Describe Fully.*							
Describe Cause of Problem and Remedial Action Taken:							
A natural gas pipeline developed a leak while operating at less than 35 PSI. The leak was excavated and the affected area was temporarily repaired and will be replaced at a later date.							

Describe Area Affected and Cleanup Action Taken.

The area affected is approximately 300' x 150' a lot of the release became airborne with the strong winds blowing. The release will be remediation according to NMOCD regulatory guidelines.

On November 5, 2012, affected soil was excavated and approximately 144 cubic yards of impacted soil was transported to Sundance Services, Inc. (NMOCD Permit #01-0003). Based on the analytical results of excavation confirmation sampling and with NMOCD approval, the excavation was backfilled.

Please reference the attached Basin Environmental Services Technologies *Remediation Summary and Site Closure Request* for details of remedial activities and the site investigation.

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: Mystel allancer	OIL CONSERVATION DIVISION		
Printed Name: Crystal Callaway	Approved by District Supervisor:		
Title: Senior Environmental Remediation Specialist	Approval Date:	Expiration Date:	
E-mail Address: Crystal.Callaway@Regencygas.com	Conditions of Approval:		
Date: 11/17/2014 Phone: 817/302-9407			