

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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-141  
Revised October 10, 2003

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

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company	Southern Union Gas Services	Contact	Rose Slade
Address	801 South Loop 464, Monahans, TX 79756	Telephone No.	432-940-5147
Facility Name	South Eunice Slug Overflow	Facility Type	Natural Gas Pipeline
Surface Owner	Moody	Mineral Owner	API No 30-025-28822

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	10	22S	37E					Lea

**Latitude** 32 degrees 24.799' **Longitude** 103 degrees 08.634'

**NATURE OF RELEASE**

Type of Release	Crude Oil	Volume of Release	55 BBLS	Volume Recovered	40 BBLS
Source of Release	210 BBL Condensate Storage Tank	Date and Hour of Occurrence	January 2, 2012 – Time Unknown	Date and Hour of Discovery	January 2, 2012 – 1000 hrs
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking – NMOCD Hobbs District Office		
By Whom?	Curt D. Stanley	Date and Hour	January 2, 2012 – 1050 hours		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* A gas producer experienced a malfunction at a nearby facility, resulting in a "slug" of crude oil being transported through the gathering line to the Southern Union South Eunice Compressor Station. On entering the Station, the oil slug encountered a field scrubber unit, used to separate liquids from the raw natural gas stream. The field scrubber dumped the liquids to the condensate storage tanks. Due to the large slug of liquids, the two (2) 210 bbl condensate tanks were unable to contain the volume of the slug. The tanks overflowed into the common fiberglass secondary containment, which has been sized to contain the NMOCD required volume. Unknown to Southern Union, recent cold weather had caused cracks in the base of the tank containment. As a result of the cracks, overflowing liquids were not adequately contained. Approximately sixty (60) bbls of liquids were released to the ground within the Station. Approximately forty (40) bbls of liquids were recovered using a vacuum trunk. The affected area is within the confines of the South Eunice Compressor Station.

Describe Area Affected and Cleanup Action Taken.\* The affected area is within the confines of the South Eunice Compressor Station. A temporary earthen berm has been placed around the fiberglass containment. Hydrocarbon saturated soil is being scraped from the ground surface and placed on plastic and remediation activities are in progress. Southern Union plans to relocate the condensate storage tanks and wastewater tank to an alternate locate within the station. The condensate and wastewater tank secondary containment will be replaced. Areas affected by the release will be remediated to NMOCD regulatory standards.

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:		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Rose L. Slade		Approved by Environmental Specialist:	
Title: EHS Compliance Specialist	Approval Date:	Expiration Date:	
E-mail Address: rose.slade@sug.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: January 9, 2012	Phone: 432-940-5147		

\* Attach Additional Sheets If Necessary

1RP-02-11-2685



**REMEDICATION SUMMARY  
AND SITE  
CLOSURE REQUEST**

**Southern Union Gas Services  
South Eunice Slug Overflow Release  
Lea County, New Mexico  
UNIT LTR "A" (NE ¼ /NE ¼), Section 10, Township 22 South, Range 37 East  
Latitude 32° 24.799' North, Longitude 103° 08.634' West**

Prepared For:

**Southern Union Gas Services**  
801 South Loop 464  
Monahans, Texas 79756

Prepared By:

**NOVA Safety & Environmental**  
2057 Commerce  
Midland, Texas 79703

**March 2012**

Camille J. Bryant  
Project Manager

Brittan K. Byerly, P.G.  
President

*Approved*  
*Jeff Lehing*  
*Env. Specialist*  
*NMCCD - DIST 1*  
*4/19/12*

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## 1.0 INTRODUCTION

Nova Safety & Environmental (NOVA), on behalf of Southern Union Gas Services (SUGS), has prepared this Remediation Summary and Site Closure Request for the release site known as South Eunice Slug Overflow. The legal description of the release site is Unit Letter "A" (NE ¼ NE ¼), Section 10, Township 22 South, Range 37 East, in Lea County, New Mexico. The release site GPS coordinates are 32° 24.799' North and 103° 08.634' West. Please reference Figure 1 for a Site Location Map and Figure 2 for a Site Details Schematic and Confirmation Soil Sample Locations Map. The Release Notification and Corrective Action (Form C-141) is provided as Appendix D.

On January 2, 2012, SUGS discovered a release of crude oil had occurred at the South Eunice Compressor Station. The release occurred when a producer experienced a malfunction at a nearby facility, resulting in a "slug" of crude oil being transported through the gathering line to the Southern Union South Eunice Compressor Station. On entering the Station, the oil slug was dumped into two (2) storage tanks which were unable to contain the volume of the slug. The tanks overflowed into the common fiberglass secondary containment. The fiberglass secondary containment had cracks in the base, resulting in a release of crude oil inside the Station. SUGS submitted the Release Notification and Corrective Action (Form C-141) to the New Mexico Oil Conservation Division (NMOCD) Hobbs District Office on January 9, 2012. The C-141 indicated approximately fifty-five (55) barrels of crude oil were released with approximately forty (40) barrels recovered. General photographs of the site are provided as Appendix B.

## 2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Office of the State Engineer (NMOSE) database did not identify the average depth to groundwater information for Section 10, Township 22 South, Range 37 East. A reference map utilized by the NMOCD indicated depth-to-groundwater at the release site should be encountered at approximately thirty-five (35) feet below ground surface (bgs). The depth to groundwater at the South Eunice Slug Overflow Release Site results in a score of twenty (20) points being assigned to the site, based on the NMOCD depth to groundwater criteria.

The water well database, maintained by the NMOSE, indicated there are no water wells less than 1,000 feet from the release, resulting in zero (0) points being assigned to this site as a result of this criteria.

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

The NMOCD guidelines indicate the South Eunice Slug Overflow Release Site has a ranking score of twenty (20). Based on this score, the soil remediation levels for a site with a ranking score of twenty (20) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 100 mg/Kg (ppm)

The NMOCD chloride cleanup level concentrations are site specific and will be determined by the NMOCD Hobbs District Office.

### 3.0 SUMMARY OF SOIL REMEDIATION ACTIVITIES

On January 4, 2012, NOVA, at the request of SUGS, commenced remediation activities at the South Eunice Slug Overflow Release Site. Approximately one thousand two hundred twenty-four (1,224) cubic yards (cy) of impacted soil was excavated and stockpiled on-site, pending final disposition. The excavated soil was placed on a plastic liner to mitigate the potential leaching of contaminants into the vadose zone. The final dimensions of the excavated area which extended from the release point to the south and east measured approximately three hundred ten (310) feet in length, ranged from approximately five (5) feet to sixty-five (65) feet in width, and varied in depth from approximately one (1) foot to two and a half (2.5) feet bgs. Please reference Figure 2 for site details.

On January 17, 2012, twelve (12) confirmation soil samples (North Wall-1 @ 1', East SW-1 @ 1', East SW-2 @ 1', East SW-3 @ 6", South SW-1 @ 1', West SW-1 @ 1', West SW-2 @ 6", Floor-1 @ 1.5', Floor-2 @ 1', Floor-3 @ 1', Floor-4 @ 1'6", and Floor-5 @ 1') were collected from the excavated area (Figure 2). The soil samples were submitted to the laboratory for determination of concentrations of benzene, toluene, ethyl-benzene and xylene (BTEX) and total petroleum hydrocarbon (TPH) using EPA SW-846 8021b and SW-846 8015M, respectively. The laboratory analytical results indicated benzene, BTEX and TPH concentrations were less than the appropriate laboratory method detection limit (MDL) for all submitted soil samples. Soil samples Floor-1 @ 1.5', Floor-2 @ 1', Floor-3 @ 1', Floor-4 @ 1'6", and Floor-5 @ 1' were also analyzed for chloride concentrations using method E 300.1. Chloride concentrations ranged from less than the appropriate laboratory MDL for soil samples Floor-1 @ 1.5', Floor-3 @ 1', and Floor-5 @ 1' to 39.3 mg/Kg for soil sample Floor-2 @ 1'. A review of laboratory analytical results indicated benzene, BTEX, TPH, and chloride concentrations were less than NMOCD regulatory guidelines for all submitted soil samples. Table 1 summarizes the Concentrations of BTEX, TPH and Chloride in Soil. Laboratory analytical reports are provided as Appendix A.

On January 17, 2012, four (4) soil samples (North Containment SW @ 6", East Containment SW @ 1', South Containment SW @ 1', and West Containment SW @ 6") were collected from the area around the containment and submitted to the laboratory for BTEX and TPH analysis. Laboratory analytical results indicated benzene concentrations ranged from less than the appropriate laboratory MDL for soil samples East Containment SW @ 1' and South Containment SW @ 1' to 2.99 mg/Kg for soil sample North Containment SW @ 6". BTEX concentrations ranged from 3.44 mg/Kg for soil sample South Containment SW @ 1' to 360 mg/Kg for soil sample North Containment SW @ 6". TPH concentrations ranged from 4,460 mg/Kg for soil sample South Containment SW @ 1' to 12,800 mg/Kg for soil sample North Containment SW @ 6" (Table 1). Please reference Figure 2 for sample locations.

On January 18, 2012, eighteen (18) soil samples (North SW-2 @ 0.5', North SW-3 @ 1.5', North SW-4 @ 0.5', East SW-4 @ 1.5', East SW-5 @ 0.5', East SW-6 @ 0.5', East SW-7 @ 0.5', South SW-2 @ 0.5', South SW-3 @ 1.5', South SW-4 @ 0.5', West SW-3 @ 1.5', West SW-4 @ 1.5', West SW-5 @ 1', Floor-6 @ 2.5', Floor-7 @ 2.5', Floor-8 @ 2', Floor-9 @ 2', and Floor-10 @ 1') were collected from the excavation and submitted to the laboratory for BTEX and TPH analysis. Laboratory analytical results indicated benzene concentrations were

less than the appropriate laboratory MDL for all submitted soil samples, with the exception of soil sample East SW-5 @ 0.5', which exhibited a benzene concentration of 0.00288 mg/Kg. BTEX concentrations ranged from less than the appropriate laboratory MDL for soil samples North SW-3 @ 1.5', North SW-4 @ 0.5', East SW-4 @ 1.5', East SW-6 @ 0.5', East SW-7 @ 0.5', South SW-2 @ 0.5', South SW-3 @ 1.5', South SW-4 @ 0.5', West SW-3 @ 1.5', West SW-5 @ 1', Floor-8 @ 2', Floor-9 @ 2', and Floor-10 @ 1' to 0.0216 mg/Kg for soil sample Floor-7 @ 2.5'. TPH concentrations were less than the appropriate laboratory MDL for all submitted soil samples, with the exception of soil samples East SW-5 @ 0.5' and Floor-7@ 2.5', which exhibited TPH concentrations of 281 mg/Kg and 46.1 mg/kg, respectively. Soil samples Floor-6 @ 2.5', Floor-7 @ 2.5', Floor-8 @ 2', Floor-9 @ 2', and Floor-10 @ 1' were also analyzed for chloride concentrations. Chloride concentrations ranged from less than the appropriate laboratory MDL for soil samples Floor-9 @ 2' and Floor-10 @ 1' to 10.8 mg/Kg for soil sample Floor-6 @ 2.5'. A review of laboratory analytical results indicated benzene, BTEX, TPH, and chloride concentrations were less than NMOCD regulatory guidelines for all submitted soil samples, with the exception of soil sample East SW-5 @ 0.5', which exceeded NMOCD regulatory guidelines for TPH concentrations. Please reference Figure 2 for soil sample locations.

On January 25, 2012, during a meeting between NMOCD Hobbs District Office, Southern Union Gas Services and NOVA representatives, the NMOCD Hobbs District Office granted verbal approval to backfill the excavation with locally obtained non-impacted soil. Southern Union Gas Services proposed and the NMOCD approved, relocating the storage tanks and containment to an alternate area inside the Station. On completion of relocation of the storage tanks and containment, remediation activities in the impacted area associated with the original containment area will be addressed. A plastic liner was installed inside the containment to mitigate potential releases until the tanks and containment can be relocated.

A total of approximately one thousand two hundred twenty-four (1,224) cy of impacted soil was transported to Sundance Services, Inc. (NMOCD Permit # 01-0003) for disposal. The excavation was backfilled with locally obtained non-impacted soil and water compacted. On completion of backfilling activities, an earthen berm was constructed around the containment area to mitigate potential releases. Manifests documenting soil disposal are provided as Appendix C.

#### **4.0 QA/QC PROCEDURES**

##### **4.1 Soil Sampling**

Soil Samples were delivered to Xenco Laboratories, Inc., of Odessa, Texas for BTEX and/or TPH and/or chloride analyses using the methods described below. Soil samples were analyzed for BTEX and/or TPH and/or chloride concentrations within fourteen (14) days following the sampling event.

The soil samples were analyzed as follows:

- BTEX concentrations in accordance with EPA Method 8021B, 5030
- TPH concentrations in accordance with modified EPA Method 8015M GRO/DRO
- Chloride concentration in accordance with Method E 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 (COC) form. These procedures were either transmitted with the laboratory reports or are on file at the laboratory.

## **5.0 SITE CLOSURE REQUEST**

Based on the analytical results of confirmation soil samples, NOVA recommends SUGS provide the NMOCD a copy of this Remediation Summary and Site Closure Request and request the NMOCD grant closure to the South Eunice Slug Overflow Release Site.

## **6.0 LIMITATIONS**

NOVA Safety and Environmental has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA Safety and Environmental has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA Safety and Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA Safety and Environmental has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA Safety and Environmental also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

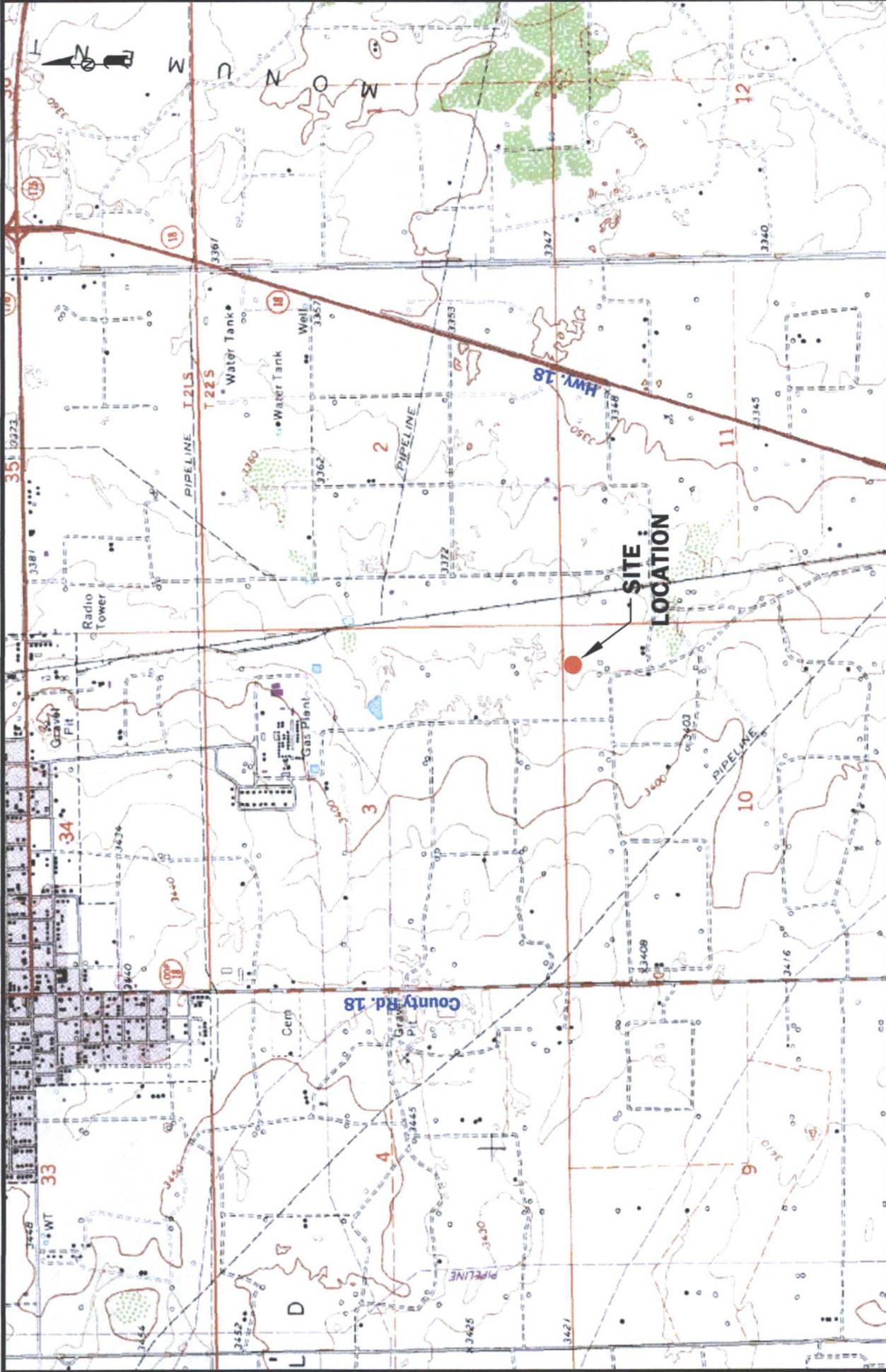
This report has been prepared for the benefit of Southern Union Gas Services. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA Safety and Environmental and/or Southern Union Gas Services.

**7.0 DISTRIBUTION:**

Copy 1: Geoffrey Leking  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division (District 1)  
1625 N. French Drive  
Hobbs, New Mexico 88240

Copy 2: Curt Stanley and Rose Slade  
Southern Union Gas Services  
801 South Loop 464  
Monahans, Texas 79756

Copy 3: Nova Safety & Environmental  
2057 Commerce Street  
Midland, Texas 79703



LEGEND:

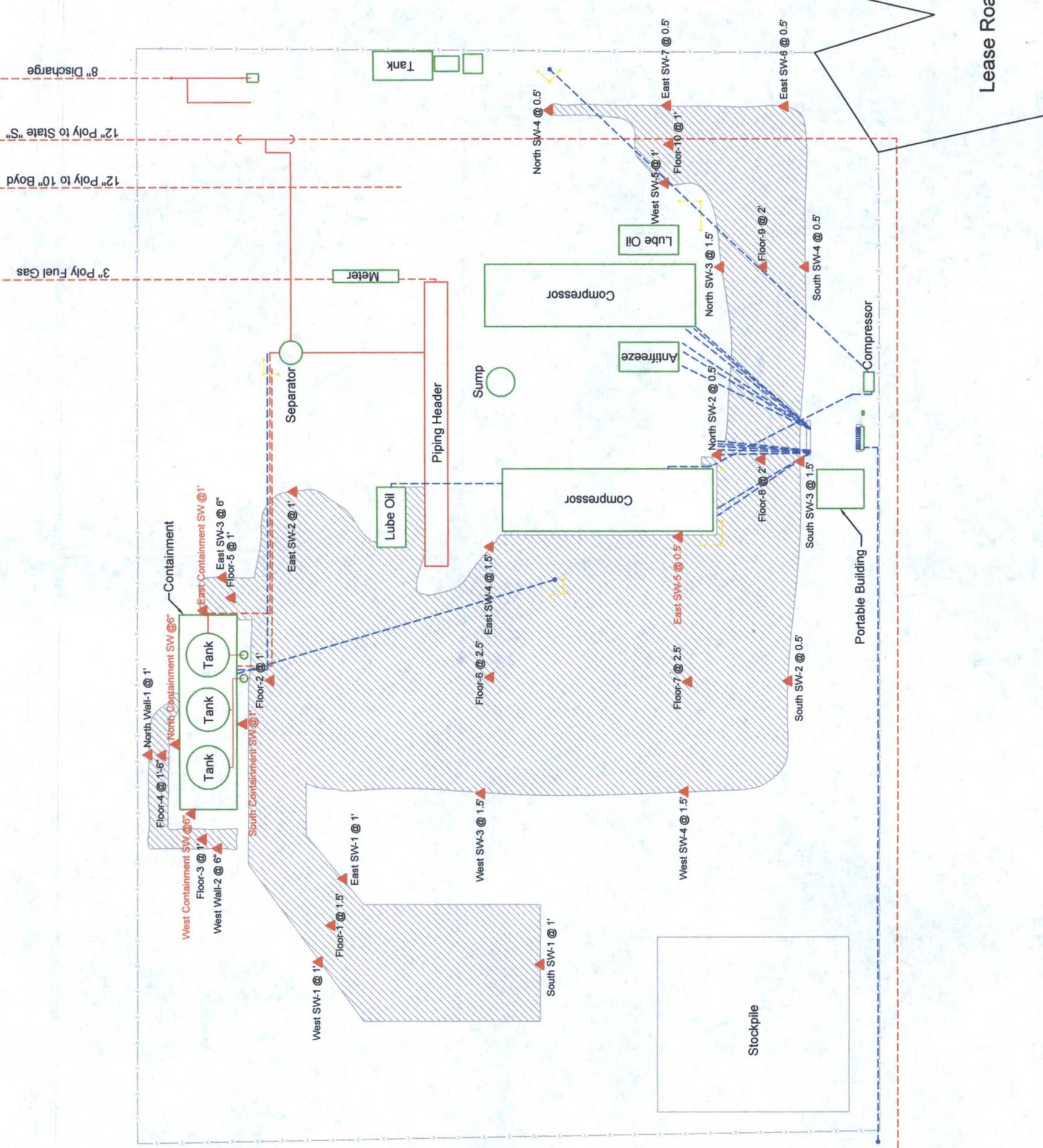


Figure 1  
 Site Location Map  
 Southern Union Gas Services  
 South Eunice Slug Overflow  
 Lea County, NM

**NOVA**  
 safety and environmental

2057 Commerce Drive  
 Midland, Texas 79703  
 432.520.7720  
[www.novasafetyandenvironmental.com](http://www.novasafetyandenvironmental.com)

January 20, 2012 | Scale: 1" = 2000' | CAD By: TA | Checked By: CJB  
 Lat. N 32° 24.799' Long. W 103° 8.634'



Lease Road



LEGEND:

- x- Fenceline
- - - Under Ground Piping
- - - - - Under Ground Conduit
- ▲ Soil Sample Location

Figure 2  
Site Details & Confirmation  
Soil Sample Locations  
Southern Union Gas Services

TABLE 1

CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES  
SOUTH EUNICE SLUG OVERFLOW RELEASE SITE  
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b										METHOD: SW 8015M				E 300.1 CHLORIDE
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENE S	o - XYLENE	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>					
<b>NMOC Regulatory Limit</b>		<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>
North Wall-1 @ 1'	01/17/12	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.5	<15.5	<15.5	<15.5	-
East SW-1 @ 1'	01/17/12	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.5	<15.5	<15.5	<15.5	-
East SW-2 @ 1'	01/17/12	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<15.3	<15.3	<15.3	<15.3	-
East SW-3 @ 6"	01/17/12	<0.00104	<0.00209	<0.00104	<0.00209	<0.00104	<0.00209	<0.00104	<0.00209	<0.00104	<0.00209	<15.7	<15.7	<15.7	<15.7	-
South SW-1 @ 1'	01/17/12	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.7	<15.7	<15.7	<15.7	-
West SW-1 @ 1'	01/17/12	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<15.6	<15.6	<15.6	<15.6	-
West SW-2 @ 6"	01/17/12	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<15.6	<15.6	<15.6	<15.6	-
Floor-1 @ 1.5'	01/17/12	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.4	<16.4	<16.4	<16.4	<4.62
Floor-2 @ 1'	01/17/12	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.3	<16.3	<16.3	<16.3	39.3
Floor-3 @ 1'	01/17/12	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<16.5	<16.5	<16.5	<16.5	<4.63
Floor-4 @ 1.6"	01/17/12	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<16.3	<16.3	<16.3	<16.3	6.46
Floor-5 @ 1'	01/17/12	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.5	<16.5	<16.5	<16.5	<4.26
<b>North Containment SW @ 6"</b>		<b>2.99</b>	<b>57.5</b>	<b>84.4</b>	<b>168</b>	<b>47.3</b>	<b>360</b>	<b>6,580</b>	<b>5,800</b>	<b>392</b>	<b>12,800</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
East Containment SW @ 1'	01/17/12	<0.275	2.41	4.99	11.8	3.42	22.6	2,520	2,700	<330	5,220	<330	<330	<330	5,220	-
South Containment SW @ 1'	01/17/12	<0.265	<0.530	0.745	2.03	0.668	3.44	455	4,000	<318	4,460	<318	<318	<318	4,460	-
West Containment SW @ 6"	01/17/12	0.445	7.58	17.9	39.8	12.2	77.9	3,260	5,410	351	9,020	351	351	351	9,020	-
<b>North SW-2 @ 0.5'</b>		<b>&lt;0.00104</b>	<b>&lt;0.00209</b>	<b>&lt;0.00104</b>	<b>0.00225</b>	<b>0.00239</b>	<b>0.00464</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>&lt;15.7</b>	<b>-</b>
North SW-3 @ 1.5'	01/18/12	<0.00107	<0.00213	<0.00107	<0.00213	<0.00107	<0.00213	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	-
North SW-4 @ 0.5'	01/18/12	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	-
East SW-4 @ 1.5'	01/18/12	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	-
East SW-5 @ 0.5'	01/18/12	0.00288	0.00495	<0.00108	<0.00217	<0.00108	0.00783	<16.3	173	108	281	<16.3	108	108	281	-
East SW-6 @ 0.5'	01/18/12	<0.00103	<0.00205	<0.00103	<0.00205	<0.00103	<0.00205	<15.5	<15.5	<15.5	<15.5	<15.5	<15.5	<15.5	<15.5	-
East SW-7 @ 0.5'	01/18/12	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	<15.6	-
South SW-2 @ 0.5'	01/18/12	<0.00109	<0.00219	<0.00109	<0.00219	<0.00109	<0.00219	<16.3	<16.3	<16.3	<16.3	<16.3	<16.3	<16.3	<16.3	-
South SW-3 @ 1.5'	01/18/12	<0.00106	<0.00212	<0.00106	<0.00212	<0.00106	<0.00212	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	-
South SW-4 @ 0.5'	01/18/12	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	<15.7	-

TABLE 1

CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES  
 SOUTH EUNICE SLUG OVERFLOW RELEASE SITE  
 LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b						METHOD: SW 8015M				E 300.1 CHLORIDE	
		BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENE S	o - XYLENE	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>		
NMOCB Regulatory Limit		10	-	-	-	-	50	-	-	-	100	-	-
West SW-3 @ 1.5'	01/18/12	<0.00103	<0.00205	<0.00103	<0.00205	<0.00103	<0.00205	<0.00103	<0.00103	<0.00205	<15.4	<15.4	<15.4
West SW-4 @ 1.5'	01/18/12	<0.00104	0.00290	0.00373	0.00905	0.00341	0.0191	0.00341	0.00341	<0.00210	<15.6	<15.6	<15.6
West SW-5 @ 1'	01/18/12	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00105	<0.00210	<15.8	<15.8	<15.8
Floor-6 @ 2.5'	01/18/12	<0.00110	<0.00220	0.00173	0.00576	0.00302	0.0105	0.00302	0.00302	<0.00210	<16.5	<16.5	<16.5
Floor-7 @ 2.5'	01/18/12	<0.00109	0.00278	0.00414	0.0106	0.00411	0.0216	0.00411	0.00411	0.0216	46.1	<16.2	46.1
Floor-8 @ 2'	01/18/12	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00104	<0.00208	<15.6	<15.6	<15.6
Floor-9 @ 2'	01/18/12	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00108	<0.00216	<16.1	<16.1	<16.1
Floor-10 @ 1'	01/18/12	<0.00105	<0.00211	<0.00105	<0.00211	<0.00105	<0.00211	<0.00105	<0.00105	<0.00211	<15.8	<15.8	<15.8

**Analytical Report 435297**  
**for**  
**Southern Union Gas Services- Monahans**

**Project Manager: Rose Slade**  
**SUG South Eunice Slug Overflow**

**23-JAN-12**

Collected By: Client



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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)

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Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



23-JAN-12

Project Manager: **Rose Slade**  
**Southern Union Gas Services- Monahans**  
1507 W. 15th Street  
Monahans, TX 79756

Reference: XENCO Report No: **435297**  
**SUG South Eunice Slug Overflow**  
Project Address: Lea County, NM

**Rose Slade:**

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 435297. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 435297 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,

---

**Brent Barron II**

Odessa Laboratory Manager

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# Sample Cross Reference 435297



Southern Union Gas Services- Monahans, Monahans, TX  
SUG South Eunice Slug Overflow

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
North Wall - 1 @ 1'	S	01-17-12 14:50		435297-001
East SW - 1 @ 1'	S	01-17-12 11:55		435297-002
East SW - 2 @ 1'	S	01-17-12 12:43		435297-003
East SW - 3 @ 6"	S	01-17-12 15:00		435297-004
South SW - 1 @ 1'	S	01-17-12 11:40		435297-005
West SW - 1 @ 1'	S	01-17-12 11:45		435297-006
West SW - 2 @ 6"	S	01-17-12 14:40		435297-007



## CASE NARRATIVE

*Client Name: Southern Union Gas Services- Monahans*

*Project Name: SUG South Eunice Slug Overflow*



*Project ID:*  
*Work Order Number: 435297*

*Report Date: 23-JAN-12*  
*Date Received: 01/18/2012*

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**Sample receipt non conformances and comments:**

None

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**Sample receipt non conformances and comments per sample:**

None

**Analytical non nonformances and comments:**

*Batch: LBA-879529 BTEX by EPA 8021B*  
*SW8021BM*

*Batch 879529, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis*  
*Samples affected are: 435297-001 S.*

*SW8021BM*

*Batch 879529, Benzene, m\_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike.*  
*Ethylbenzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.*  
*Samples affected are: 435297-001, -003, -005, -007, -002, -004.*  
*The Laboratory Control Sample for Benzene, Ethylbenzene, m\_p-Xylenes , o-Xylene is within laboratory Control Limits*





**Project Id:** Project Name: **SUG South Eunice Slug Overflow**  
**Contact:** Rose Slade  
**Project Location:** Lea County, NM  
**Date Received in Lab:** Wed Jan-18-12 03:50 pm  
**Report Date:** 23-JAN-12  
**Project Manager:** Brent Barron II

<i>Analysis Requested</i>	<i>Lab Id:</i>	<i>Field Id:</i>	<i>Depth:</i>	<i>Matrix:</i>	<i>Sampled:</i>	<i>Extracted:</i>	<i>Analyzed:</i>	<i>Units/RL:</i>
<b>BTEX by EPA 8021B</b>	435297-007	West SW - 2 @ 6"		SOIL	Jan-17-12 14:40	Jan-20-12 08:15	Jan-20-12 13:24	mg/kg RL
Benzene								ND 0.00104
Toluene								ND 0.00207
Ethylbenzene								ND 0.00104
m_p-Xylenes								ND 0.00207
o-Xylene								ND 0.00104
Total Xylenes								ND 0.00104
Total BTEX								ND 0.00104
<b>Percent Moisture</b>	<i>Extracted:</i>							
	<i>Analyzed:</i>	Jan-19-12 09:30						
	<i>Units/RL:</i>	%	RL					
Percent Moisture		4.03	1.00					
<b>TPH By SW8015 Mod</b>	<i>Extracted:</i>	Jan-20-12 13:15						
	<i>Analyzed:</i>	Jan-20-12 23:10						
	<i>Units/RL:</i>	mg/kg	RL					
C6-C12 Gasoline Range Hydrocarbons								ND 15.6
C12-C28 Diesel Range Hydrocarbons								ND 15.6
C28-C35 Oil Range Hydrocarbons								ND 15.6
Total TPH								ND 15.6

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.

Brent Barron II  
Odessa Laboratory 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      **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.      ^ NELAC or State program does not offer Accreditation at this time.

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(770) 449-8800	(770) 449-5477
(602) 437-0330	

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435297,

**Project ID:**

**Lab Batch #:** 879451

**Sample:** 435297-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 02:35

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	99.6	107	70-135	
o-Terphenyl	58.9	49.8	118	70-135	

**Lab Batch #:** 879451

**Sample:** 435297-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 03:01

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	72.4	99.9	72	70-135	
o-Terphenyl	38.9	50.0	78	70-135	

**Lab Batch #:** 879451

**Sample:** 435297-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 03:26

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	106	99.7	106	70-135	
o-Terphenyl	58.7	49.9	118	70-135	

**Lab Batch #:** 879451

**Sample:** 435297-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 03:51

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	57.2	50.1	114	70-135	

**Lab Batch #:** 879529

**Sample:** 435297-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 11:07

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0262	0.0300	87	80-120	
4-Bromofluorobenzene	0.0268	0.0300	89	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435297,

**Project ID:**

**Lab Batch #:** 879529

**Sample:** 435297-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 11:30

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0289	0.0300	96	80-120	

**Lab Batch #:** 879529

**Sample:** 435297-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 11:53

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0282	0.0300	94	80-120	
4-Bromofluorobenzene	0.0307	0.0300	102	80-120	

**Lab Batch #:** 879529

**Sample:** 435297-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 12:16

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0268	0.0300	89	80-120	
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

**Lab Batch #:** 879529

**Sample:** 435297-005 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 12:39

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0281	0.0300	94	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

**Lab Batch #:** 879529

**Sample:** 435297-007 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 13:24

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	
4-Bromofluorobenzene	0.0301	0.0300	100	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders : 435297,**

**Project ID:**

**Lab Batch #: 879540**

**Sample: 435297-005 / SMP**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/20/12 22:18**

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.9	99.9	95	70-135	
o-Terphenyl	56.8	50.0	114	70-135	

**Lab Batch #: 879540**

**Sample: 435297-006 / SMP**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/20/12 22:43**

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	75.5	100	76	70-135	
o-Terphenyl	39.0	50.0	78	70-135	

**Lab Batch #: 879540**

**Sample: 435297-007 / SMP**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/20/12 23:10**

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.3	99.6	98	70-135	
o-Terphenyl	55.6	49.8	112	70-135	

**Lab Batch #: 879535**

**Sample: 435297-006 / SMP**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/21/12 05:42**

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0274	0.0300	91	80-120	
4-Bromofluorobenzene	0.0264	0.0300	88	80-120	

**Lab Batch #: 879451**

**Sample: 616752-1-BLK / BLK**

**Batch: 1 Matrix: Solid**

**Units: mg/kg**

**Date Analyzed: 01/19/12 18:26**

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	78.0	100	78	70-135	
o-Terphenyl	42.9	50.0	86	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders : 435297,**

**Project ID:**

**Lab Batch #: 879529**

**Sample: 616835-1-BLK / BLK**

**Batch: 1 Matrix: Solid**

**Units: mg/kg**

**Date Analyzed: 01/20/12 10:44**

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0284	0.0300	95	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	80-120	

**Lab Batch #: 879540**

**Sample: 616841-1-BLK / BLK**

**Batch: 1 Matrix: Solid**

**Units: mg/kg**

**Date Analyzed: 01/20/12 21:52**

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	77.2	100	77	70-135	
o-Terphenyl	43.4	50.0	87	70-135	

**Lab Batch #: 879535**

**Sample: 616838-1-BLK / BLK**

**Batch: 1 Matrix: Solid**

**Units: mg/kg**

**Date Analyzed: 01/21/12 05:20**

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0278	0.0300	93	80-120	

**Lab Batch #: 879451**

**Sample: 616752-1-BKS / BKS**

**Batch: 1 Matrix: Solid**

**Units: mg/kg**

**Date Analyzed: 01/19/12 17:37**

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	98.7	100	99	70-135	
o-Terphenyl	44.7	50.0	89	70-135	

**Lab Batch #: 879529**

**Sample: 616835-1-BKS / BKS**

**Batch: 1 Matrix: Solid**

**Units: mg/kg**

**Date Analyzed: 01/20/12 09:13**

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0278	0.0300	93	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435297,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 616841-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:00

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.5	100	93	70-135	
o-Terphenyl	42.9	50.0	86	70-135	

**Lab Batch #:** 879535

**Sample:** 616838-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/21/12 03:49

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0325	0.0300	108	80-120	

**Lab Batch #:** 879451

**Sample:** 616752-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/19/12 18:02

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.9	100	90	70-135	
o-Terphenyl	39.7	50.0	79	70-135	

**Lab Batch #:** 879529

**Sample:** 616835-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 09:36

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0315	0.0300	105	80-120	

**Lab Batch #:** 879540

**Sample:** 616841-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:25

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.8	100	93	70-135	
o-Terphenyl	44.1	50.0	88	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



# Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435297,

Project ID:

Lab Batch #: 879535

Sample: 616838-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/21/12 04:12

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0325	0.0300	108	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

Lab Batch #: 879451

Sample: 435097-011 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 04:17

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	98.6	100	99	70-135	
o-Terphenyl	42.6	50.2	85	70-135	

Lab Batch #: 879529

Sample: 435297-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 14:56

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0230	0.0300	77	80-120	*
4-Bromofluorobenzene	0.0250	0.0300	83	80-120	

Lab Batch #: 879540

Sample: 435298-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 07:49

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	85.7	99.6	86	70-135	
o-Terphenyl	37.0	49.8	74	70-135	

Lab Batch #: 879535

Sample: 435297-006 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 08:41

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1,4-Difluorobenzene	0.0300	0.0300	100	80-120	
4-Bromofluorobenzene	0.0283	0.0300	94	80-120	

\* Surrogate outside of Laboratory QC limits  
 \*\* Surrogates outside limits; data and surrogates confirmed by reanalysis  
 \*\*\* Poor recoveries due to dilution  
 Surrogate Recovery [D] = 100 \* A / B  
 All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders : 435297,**

**Project ID:**

**Lab Batch #: 879451**

**Sample: 435097-011 SD / MSD**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/20/12 04:43**

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	92.0	100	92	70-135	
o-Terphenyl	39.6	50.1	79	70-135	

**Lab Batch #: 879529**

**Sample: 435297-001 SD / MSD**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/20/12 15:19**

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0353	0.0300	118	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

**Lab Batch #: 879540**

**Sample: 435298-001 SD / MSD**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/21/12 08:15**

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	89.1	99.9	89	70-135	
o-Terphenyl	40.5	50.0	81	70-135	

**Lab Batch #: 879535**

**Sample: 435297-006 SD / MSD**

**Batch: 1 Matrix: Soil**

**Units: mg/kg**

**Date Analyzed: 01/21/12 09:03**

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435297

Analyst: BRB

Lab Batch ID: 879529

Sample: 616835-1-BKS

Batch #: 1

Date Prepared: 01/20/2012

Project ID:

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0833	83	0.100	0.0902	90	8	70-130	35	
Toluene	<0.00200	0.100	0.0842	84	0.100	0.0936	94	11	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0816	82	0.100	0.0891	89	9	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.172	86	0.200	0.187	94	8	70-135	35	
o-Xylene	<0.00100	0.100	0.0820	82	0.100	0.0891	89	8	71-133	35	

Analyst: ASA

Lab Batch ID: 879535

Sample: 616838-1-BKS

Batch #: 1

Date Prepared: 01/20/2012

Date Analyzed: 01/21/2012

Matrix: Solid

Units: mg/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0974	97	0.100	0.104	104	7	70-130	35	
Toluene	<0.00200	0.100	0.0965	97	0.100	0.104	104	7	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0933	93	0.100	0.101	101	8	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.194	97	0.200	0.210	105	8	70-135	35	
o-Xylene	<0.00100	0.100	0.0934	93	0.100	0.101	101	8	71-133	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



**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435297

Analyst: ASA

Lab Batch ID: 879451

Sample: 616752-1-BKS

Date Prepared: 01/19/2012

Batch #: 1

Project ID:

Date Analyzed: 01/19/2012

Matrix: Solid

Units: mg/kg

**TPH By SW8015 Mod**

BLANK / BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	1010	101	1000	953	95	6	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	1150	115	1000	1030	103	11	70-135	35	

Analyst: ASA

Lab Batch ID: 879540

Sample: 616841-1-BKS

Date Prepared: 01/20/2012

Batch #: 1

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

**TPH By SW8015 Mod**

BLANK / BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	859	86	1000	830	83	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	954	95	1000	921	92	4	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

**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435297

Lab Batch ID: 879529

Date Analyzed: 01/20/2012

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 435297-001 S

Date Prepared: 01/20/2012

Batch #: 1 Matrix: Soil  
Analyst: BRB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00104	0.104	0.0707	68	0.104	0.0817	79	14	70-130	35	X
Toluene	<0.00208	0.104	0.0724	70	0.104	0.0772	74	6	70-130	35	
Ethylbenzene	<0.00104	0.104	0.0674	65	0.104	0.0728	70	8	71-129	35	X
m_p-Xylenes	<0.00208	0.208	0.142	68	0.208	0.152	73	7	70-135	35	X
o-Xylene	<0.00104	0.104	0.0678	65	0.104	0.0738	71	8	71-133	35	X

Lab Batch ID: 879535

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

QC-Sample ID: 435297-006 S

Date Prepared: 01/20/2012

Batch #: 1 Matrix: Soil  
Analyst: ASA

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	<0.00104	0.104	0.0785	75	0.104	0.0863	83	9	70-130	35	
Toluene	<0.00209	0.104	0.0786	76	0.104	0.0844	81	7	70-130	35	
Ethylbenzene	<0.00104	0.104	0.0762	73	0.104	0.0802	77	5	71-129	35	
m_p-Xylenes	<0.00209	0.209	0.156	75	0.209	0.165	79	6	70-135	35	
o-Xylene	<0.00104	0.104	0.0744	72	0.104	0.0785	75	5	71-133	35	

Matrix Spike Percent Recovery [D] = 100\*(C-A)/B  
Relative Percent Difference RPD = 200\*(C-F)/(C+F)

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable, N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E



# Form 3 - MS / MSD Recoveries

Project Name: SUG South Eunice Slug Overflow

Work Order #: 435297

Lab Batch ID: 879451

Date Analyzed: 01/20/2012

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 435097-011 S Batch #: 1 Matrix: Soil

Date Prepared: 01/19/2012 Analyst: ASA

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<15.6	1040	1000	96	1040	912	88	9	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.6	1040	983	95	1040	909	87	8	70-135	35	

Lab Batch ID: 879540

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

QC-Sample ID: 435298-001 S Batch #: 1 Matrix: Soil

Date Prepared: 01/20/2012 Analyst: ASA

TPH By SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<16.4	1100	879	80	1100	897	82	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<16.4	1100	915	83	1100	979	89	7	70-135	35	

Matrix Spike Percent Recovery [D] = 100\*(C-A)/B  
Relative Percent Difference RPD = 200\*((C-F)/(C+F))

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E



# Sample Duplicate Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435297**

**Lab Batch #: 879416**

**Project ID:**

**Date Analyzed: 01/19/2012 09:30**

**Date Prepared: 01/19/2012**

**Analyst: BRB**

**QC- Sample ID: 435297-001 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: %**

## SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture  Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	3.85	3.62	6	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**  
 Atlanta, Boca Raton, Corpus Christi, Dallas  
 Houston, Miami, Odessa, Philadelphia  
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist  
 Document No.: SYS-SRC  
 Revision/Date: No. 01, 5/27/2010  
 Effective Date: 6/1/2010 Page 1 of 1

**Prelogin / Nonconformance Report - Sample Log-In**

Client: Nova / SUGS  
 Date/Time: 1.18.12 15:50  
 Lab ID #: 435297  
 Initials: WR / AE

**Sample Receipt Checklist**

1. Samples on ice?	Blue	<del>Water</del>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs 1.5 °C	lbs °C	lbs °C	lbs °C	lbs °C

**Nonconformance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
  - Initial and Backup Temperature confirm out of temperature conditions
  - Client understands and would like to proceed with analysis

**Analytical Report 435298**  
**for**  
**Southern Union Gas Services- Monahans**

**Project Manager: Rose Slade**  
**SUG South Eunice Slug Overflow**

**23-JAN-12**

Collected By: Client



**Celebrating 20 Years of commitment to excellence in Environmental Testing Services**



**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)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)  
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

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)



23-JAN-12

Project Manager: **Rose Slade**  
**Southern Union Gas Services- Monahans**  
1507 W. 15th Street  
Monahans, TX 79756

Reference: XENCO Report No: **435298**  
**SUG South Eunice Slug Overflow**  
Project Address: Lea County, NM

**Rose Slade:**

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 435298. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 435298 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,

**Brent Barron II**

Odessa Laboratory Manager

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**Sample Cross Reference 435298**



**Southern Union Gas Services- Monahans, Monahans, TX**  
SUG South Eunice Slug Overflow

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
Floor-1 @ 1.5'	S	01-17-12 11:50		435298-001
Floor-2 @ 1'	S	01-17-12 12:40		435298-002
Floor-3 @ 1'	S	01-17-12 14:45		435298-003
Floor-4 @ 1'6"	S	01-17-12 14:55		435298-004
Floor-5 @ 1'	S	01-17-12 15:05		435298-005



## CASE NARRATIVE

*Client Name: Southern Union Gas Services- Monahans*

*Project Name: SUG South Eunice Slug Overflow*



*Project ID:*

*Work Order Number: 435298*

*Report Date: 23-JAN-12*

*Date Received: 01/18/2012*

---

**Sample receipt non conformances and comments:**

None

---

**Sample receipt non conformances and comments per sample:**

None

**Analytical non conformances and comments:**

*Batch: LBA-879529 BTEX by EPA 8021B  
SW8021BM*

*Batch 879529, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis  
Samples affected are: 435297-001 S.*

SW8021BM

*Batch 879529, Benzene, m\_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike.  
Ethylbenzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.  
Samples affected are: 435298-004, -002, -001, -003, -005.  
The Laboratory Control Sample for Benzene, Ethylbenzene, m\_p-Xylenes , o-Xylene is within laboratory Control Limits*



# Certificate of Analysis Summary 435298

## Southern Union Gas Services- Monahans, Monahans, TX



Project Name: **SUG South Eunice Slug Overflow**

Date Received in Lab: **Wed Jan-18-12 03:50 pm**  
 Report Date: **23-JAN-12**  
 Project Manager: **Brent Barron II**

Project Id:  
 Contact: **Rose Slade**  
 Project Location: **Lea County, NM**

Lab Id:	435298-001	435298-002	435298-003	435298-004	435298-005
Field Id:	Floor-1 @ 1.5'	Floor-2 @ 1'	Floor-3 @ 1'	Floor-4 @ 1'6"	Floor-5 @ 1'
Depth:					
Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL
Sampled:	Jan-17-12 11:50	Jan-17-12 12:40	Jan-17-12 14:45	Jan-17-12 14:55	Jan-17-12 15:05
Extracted:					
Analyzed:	Jan-22-12 14:30				
Units/RL:	mg/kg RL 4.62	mg/kg RL 39.3 4.60	mg/kg RL ND 4.63	mg/kg RL 6.46 4.57	mg/kg RL ND 4.62
Chloride					
<b>Anions by E300</b>					
<b>BTEX by EPA 8021B</b>					
Extracted:	Jan-20-12 08:15				
Analyzed:	Jan-20-12 13:47	Jan-20-12 14:10	Jan-20-12 14:33	Jan-20-12 16:28	Jan-20-12 16:51
Units/RL:	mg/kg RL ND 0.00109	mg/kg RL ND 0.00109	mg/kg RL ND 0.00110	mg/kg RL ND 0.00108	mg/kg RL ND 0.00109
Benzene	ND 0.00109	ND 0.00109	ND 0.00110	ND 0.00108	ND 0.00109
Toluene	ND 0.00218	ND 0.00218	ND 0.00220	ND 0.00216	ND 0.00218
Ethylbenzene	ND 0.00109	ND 0.00109	ND 0.00110	ND 0.00108	ND 0.00109
m p-Xylenes	ND 0.00218	ND 0.00218	ND 0.00220	ND 0.00216	ND 0.00218
o-Xylene	ND 0.00109	ND 0.00109	ND 0.00110	ND 0.00108	ND 0.00109
Total Xylenes	ND 0.00109	ND 0.00109	ND 0.00110	ND 0.00108	ND 0.00109
Total BTEX	ND 0.00109	ND 0.00109	ND 0.00110	ND 0.00108	ND 0.00109
<b>Percent Moisture</b>					
Extracted:					
Analyzed:	Jan-19-12 09:30				
Units/RL:	% RL 9.05 1.00	% RL 8.60 1.00	% RL 9.30 1.00	% RL 8.09 1.00	% RL 9.12 1.00
Percent Moisture	9.05	8.60	9.30	8.09	9.12
<b>TPH By SW8015 Mod</b>					
Extracted:	Jan-20-12 13:15				
Analyzed:	Jan-20-12 23:35	Jan-21-12 00:01	Jan-21-12 00:26	Jan-21-12 00:52	Jan-21-12 01:18
Units/RL:	mg/kg RL ND 16.4	mg/kg RL ND 16.3	mg/kg RL ND 16.5	mg/kg RL ND 16.3	mg/kg RL ND 16.5
C6-C12 Gasoline Range Hydrocarbons	ND 16.4	ND 16.3	ND 16.5	ND 16.3	ND 16.5
C12-C28 Diesel Range Hydrocarbons	ND 16.4	ND 16.3	ND 16.5	ND 16.3	ND 16.5
C28-C35 Oil Range Hydrocarbons	ND 16.4	ND 16.3	ND 16.5	ND 16.3	ND 16.5
Total TPH	ND 16.4	ND 16.3	ND 16.5	ND 16.3	ND 16.5

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.

Brent Barron II  
 Odessa Laboratory Manager

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

## 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      **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.      ^ NELAC or State program does not offer Accreditation at this time.

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(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	



# Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435298,

Project ID:

Lab Batch #: 879529

Sample: 435298-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 13:47

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0296	0.0300	99	80-120	

Lab Batch #: 879529

Sample: 435298-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 14:10

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0303	0.0300	101	80-120	
4-Bromofluorobenzene	0.0307	0.0300	102	80-120	

Lab Batch #: 879529

Sample: 435298-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 14:33

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0276	0.0300	92	80-120	
4-Bromofluorobenzene	0.0290	0.0300	97	80-120	

Lab Batch #: 879529

Sample: 435298-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 16:28

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0292	0.0300	97	80-120	
4-Bromofluorobenzene	0.0288	0.0300	96	80-120	

Lab Batch #: 879529

Sample: 435298-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 16:51

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0280	0.0300	93	80-120	

\* Surrogate outside of Laboratory QC limits  
 \*\* Surrogates outside limits; data and surrogates confirmed by reanalysis  
 \*\*\* Poor recoveries due to dilution  
 Surrogate Recovery [D] = 100 \* A / B  
 All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435298,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 435298-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 23:35

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	74.2	99.6	74	70-135	
o-Terphenyl	39.2	49.8	79	70-135	

**Lab Batch #:** 879540

**Sample:** 435298-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 00:01

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.2	99.5	98	70-135	
o-Terphenyl	52.3	49.8	105	70-135	

**Lab Batch #:** 879540

**Sample:** 435298-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 00:26

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	75.9	99.6	76	70-135	
o-Terphenyl	39.7	49.8	80	70-135	

**Lab Batch #:** 879540

**Sample:** 435298-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 00:52

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	99.7	101	70-135	
o-Terphenyl	58.2	49.9	117	70-135	

**Lab Batch #:** 879540

**Sample:** 435298-005 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 01:18

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.4	99.9	99	70-135	
o-Terphenyl	56.2	50.0	112	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435298,

**Project ID:**

**Lab Batch #:** 879529

**Sample:** 616835-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 10:44

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0284	0.0300	95	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	80-120	

**Lab Batch #:** 879540

**Sample:** 616841-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:52

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	77.2	100	77	70-135	
o-Terphenyl	43.4	50.0	87	70-135	

**Lab Batch #:** 879529

**Sample:** 616835-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 09:13

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0278	0.0300	93	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

**Lab Batch #:** 879540

**Sample:** 616841-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:00

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	92.5	100	93	70-135	
o-Terphenyl	42.9	50.0	86	70-135	

**Lab Batch #:** 879529

**Sample:** 616835-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 09:36

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0315	0.0300	105	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435298,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 616841-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:25

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.8	100	93	70-135	
o-Terphenyl	44.1	50.0	88	70-135	

**Lab Batch #:** 879529

**Sample:** 435297-001 S / MS

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 14:56

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0230	0.0300	77	80-120	*
4-Bromofluorobenzene	0.0250	0.0300	83	80-120	

**Lab Batch #:** 879540

**Sample:** 435298-001 S / MS

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 07:49

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.7	99.6	86	70-135	
o-Terphenyl	37.0	49.8	74	70-135	

**Lab Batch #:** 879529

**Sample:** 435297-001 SD / MSD

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 15:19

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0353	0.0300	118	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

**Lab Batch #:** 879540

**Sample:** 435298-001 SD / MSD

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 08:15

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.1	99.9	89	70-135	
o-Terphenyl	40.5	50.0	81	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



# Blank Spike Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435298**

**Project ID:**

**Lab Batch #: 879503**

**Sample: 879503-1-BKS**

**Matrix: Solid**

**Date Analyzed: 01/22/2012**

**Date Prepared: 01/22/2012**

**Analyst: BRB**

**Reporting Units: mg/kg**

**Batch #: 1**

## BLANK /BLANK SPIKE RECOVERY STUDY

Anions by E300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	<0.840	20.0	22.2	111	75-125	

Blank Spike Recovery [D] = 100\*[C]/[B]

All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435298

Analyst: BRB

Lab Batch ID: 879529

Sample: 616835-1-BKS

Units: mg/kg

Date Prepared: 01/20/2012

Batch #: 1

Project ID:

Date Analyzed: 01/20/2012

Matrix: Solid

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0833	83	0.100	0.0902	90	8	70-130	35	
Toluene	<0.00200	0.100	0.0842	84	0.100	0.0936	94	11	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0816	82	0.100	0.0891	89	9	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.172	86	0.200	0.187	94	8	70-135	35	
o-Xylene	<0.00100	0.100	0.0820	82	0.100	0.0891	89	8	71-133	35	

Analyst: ASA

Lab Batch ID: 879540

Sample: 616841-1-BKS

Units: mg/kg

Date Prepared: 01/20/2012

Batch #: 1

Date Analyzed: 01/20/2012

Matrix: Solid

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	859	86	1000	830	83	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	954	95	1000	921	92	4	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: **SUG South Eunice Slug Overflow**

Work Order #: 435298

Project ID:

Lab Batch #: 879503

Analyst: BRB

Date Analyzed: 01/22/2012

Date Prepared: 01/22/2012

QC- Sample ID: 435298-001 S

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

## MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300  Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
	Chloride	<4.62	110	126	115	75-125

Matrix Spike Percent Recovery [D] =  $100 \cdot (C-A)/B$   
 Relative Percent Difference [E] =  $200 \cdot (C-A)/(C+B)$   
 All Results are based on MDL and Validated for QC Purposes  
 BRL - Below Reporting Limit



# Form 3 - MS / MSD Recoveries

Project Name: SUG South Eunice Slug Overflow

Work Order #: 435298

Lab Batch ID: 879529

Date Analyzed: 01/20/2012

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 435297-001 S Batch #: 1 Matrix: Soil

Date Prepared: 01/20/2012 Analyst: BRB

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
BTEX by EPA 8021B											
Benzene	<0.00104	0.104	0.0707	68	0.104	0.0817	79	14	70-130	35	X
Toluene	<0.00208	0.104	0.0724	70	0.104	0.0772	74	6	70-130	35	
Ethylbenzene	<0.00104	0.104	0.0674	65	0.104	0.0728	70	8	71-129	35	X
m_p-Xylenes	<0.00208	0.208	0.142	68	0.208	0.152	73	7	70-135	35	X
o-Xylene	<0.00104	0.104	0.0678	65	0.104	0.0738	71	8	71-133	35	X

Lab Batch ID: 879540

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

QC-Sample ID: 435298-001 S

Date Prepared: 01/20/2012

Batch #: 1 Matrix: Soil

Analyst: ASA

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<16.4	1100	879	80	1100	897	82	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<16.4	1100	915	83	1100	979	89	7	70-135	35	

Matrix Spike Percent Recovery [D] = 100\*(C-A)/B  
Relative Percent Difference RPD = 200\*((C-F)/(C+F))

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable, N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E



# Sample Duplicate Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435298**

**Lab Batch #: 879503**

**Project ID:**

**Date Analyzed: 01/22/2012 14:30**

**Date Prepared: 01/22/2012**

**Analyst: BRB**

**QC- Sample ID: 435298-001 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: mg/kg**

### SAMPLE / SAMPLE DUPLICATE RECOVERY

Anions by E300 Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	<4.62	5.61	NC	20	

**Lab Batch #: 879416**

**Date Analyzed: 01/19/2012 09:30**

**Date Prepared: 01/19/2012**

**Analyst: BRB**

**QC- Sample ID: 435297-001 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: %**

### SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	3.85	3.62	6	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**  
 Atlanta, Boca Raton, Corpus Christi, Dallas  
 Houston, Miami, Odessa, Philadelphia  
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist  
 Document No.: SYS-SRC  
 Revision/Date: No. 01, 5/27/2010  
 Effective Date: 6/1/2010 Page 1 of 1

**Prelogin / Nonconformance Report - Sample Log-In**

Client: NOVA / SUGS  
 Date/Time: 11/8/12 15:50  
 Lab ID #: 435298  
 Initials: WR / AE

**Sample Receipt Checklist**

1. Samples on ice?	Blue	<del>Water</del>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>1.5</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

**Nonconformance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
  - Initial and Backup Temperature confirm out of temperature conditions
  - Client understands and would like to proceed with analysis

**Analytical Report 435300**  
**for**  
**Southern Union Gas Services- Monahans**

**Project Manager: Rose Slade**  
**SUG South Eunice Slug Overflow**

**23-JAN-12**

Collected By: Client



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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)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)  
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

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Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



23-JAN-12

Project Manager: **Rose Slade**  
**Southern Union Gas Services- Monahans**  
1507 W. 15th Street  
Monahans, TX 79756

Reference: XENCO Report No: **435300**  
**SUG South Eunice Slug Overflow**  
Project Address: Lea County, New Mexico

**Rose Slade:**

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 435300. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 435300 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,

**Brent Barron II**

Odessa Laboratory Manager

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# Sample Cross Reference 435300



Southern Union Gas Services- Monahans, Monahans, TX  
SUG South Eunice Slug Overflow

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
North Containment SW @ 6"	S	01-17-12 15:19		435300-001
East Containment SW @ 1'	S	01-17-12 15:09		435300-002
South Containment SW @ 1'	S	01-17-12 15:12		435300-003
West Containment SW @ 6"	S	01-17-12 15:15		435300-004



## CASE NARRATIVE

*Client Name: Southern Union Gas Services- Monahans*

*Project Name: SUG South Eunice Slug Overflow*



*Project ID:*  
*Work Order Number: 435300*

*Report Date: 23-JAN-12*  
*Date Received: 01/18/2012*

---

**Sample receipt non conformances and comments:**

None

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**Sample receipt non conformances and comments per sample:**

None

**Analytical non conformances and comments:**

*Batch: LBA-879540 TPH By SW8015 Mod*  
*SW8015MOD\_NM*

*Batch 879540, o-Terphenyl recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis*

*Samples affected are: 435300-004,435300-001,435300-003.*

*1-Chlorooctane recovered above QC limits . Matrix interferences is suspected; data not confirmed by re-analysis*

*Samples affected are: 435300-004.*

**Project Id:** Project Location: Lea County, New Mexico  
**Contact:** Rose Slade  
**Date Received in Lab:** Wed Jan-18-12 03:50 pm  
**Report Date:** 23-JAN-12  
**Project Manager:** Brent Barron II



<i>Analysis Requested</i>	<i>Lab Id:</i>	<i>Field Id:</i>	<i>Depth:</i>	<i>Matrix:</i>	<i>Sampled:</i>	<i>Extracted:</i>	<i>Analyzed:</i>	<i>Units/RL:</i>	<i>435300-001</i>	<i>435300-002</i>	<i>435300-003</i>	<i>435300-004</i>	
<b>BTEX by EPA 8021B</b>		North Containment SW @ 6'	Jan-17-12 15:19	SOIL	Jan-17-12 15:09	SOIL	Jan-17-12 15:12	SOIL	South Containment SW @ 1'	South Containment SW @ 1'	West Containment SW @ 6'		
	Benzene		2.99	1.13	ND	0.275	RL	0.445	0.265	0.265	0.256	0.256	
	Toluene		57.5	2.26	2.41	0.550	RL	7.58	0.530	0.530	0.511	0.511	
	Ethylbenzene		84.4	1.13	4.99	0.275	RL	17.9	0.265	0.265	0.256	0.256	
	m,p-Xylenes		168	2.26	11.8	0.550	RL	39.8	0.530	0.530	0.511	0.511	
o-Xylene		47.3	1.13	3.42	0.275	RL	12.2	0.265	0.265	0.256	0.256		
Total Xylenes		215	1.13	15.2	0.275	RL	52.0	0.265	0.265	0.256	0.256	0.256	
Total BTEX		360	1.13	22.6	0.275	RL	77.9	0.265	0.265	0.256	0.256	0.256	
<b>Percent Moisture</b>	<i>Extracted:</i>												
	<i>Analyzed:</i>	Jan-19-12 09:30	%	RL	Jan-19-12 09:30	%	RL	Jan-19-12 09:30	%	RL	Jan-19-12 09:30	%	RL
<b>TPH By SW8015 Mod</b>	<i>Units/RL:</i>	12.2	1.00	9.46	1.00	5.83	1.00	2.83	1.00	1.00	1.00	1.00	
	<i>Extracted:</i>	Jan-20-12 13:15		Jan-20-12 13:15		Jan-20-12 13:15		Jan-20-12 13:15		Jan-20-12 13:15		Jan-20-12 13:15	
C6-C12 Gasoline Range Hydrocarbons	<i>Analyzed:</i>	Jan-21-12 01:45	mg/kg	RL	Jan-21-12 02:11	mg/kg	RL	Jan-21-12 03:30	mg/kg	RL	Jan-21-12 03:56	mg/kg	RL
	<i>Units/RL:</i>	6580	342	2520	330	455	318	3260	308	308	308	308	
	C12-C28 Diesel Range Hydrocarbons	5800	342	2700	330	4000	318	5410	308	308	308	308	
	C28-C35 Oil Range Hydrocarbons	392	342	ND	330	318	351	308	308	308	308	308	
Total TPH	12800	342	5220	330	4460	318	9020	308	308	308	308		

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 user 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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Brent Barron II  
Odessa Laboratory 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      **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.      ^ NELAC or State program does not offer Accreditation at this time.

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

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435300,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 435300-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 01:45

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	87.6	100	88	70-135	
o-Terphenyl	27.2	50.0	54	70-135	*

**Lab Batch #:** 879540

**Sample:** 435300-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 02:11

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	102	99.5	103	70-135	
o-Terphenyl	50.3	49.8	101	70-135	

**Lab Batch #:** 879540

**Sample:** 435300-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 03:30

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	84.7	99.7	85	70-135	
o-Terphenyl	21.3	49.9	43	70-135	*

**Lab Batch #:** 879535

**Sample:** 435300-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 03:56

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	142	99.8	142	70-135	*
o-Terphenyl	26.3	49.9	53	70-135	*

**Lab Batch #:** 879535

**Sample:** 435300-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 10:32

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0263	0.0300	88	80-120	
4-Bromofluorobenzene	0.0325	0.0300	108	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435300,

**Project ID:**

**Lab Batch #:** 879535

**Sample:** 435300-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 13:55

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0261	0.0300	87	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

**Lab Batch #:** 879535

**Sample:** 435300-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 15:03

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0290	0.0300	97	80-120	
4-Bromofluorobenzene	0.0269	0.0300	90	80-120	

**Lab Batch #:** 879535

**Sample:** 435300-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 16:11

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0251	0.0300	84	80-120	
4-Bromofluorobenzene	0.0339	0.0300	113	80-120	

**Lab Batch #:** 879540

**Sample:** 616841-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:52

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	77.2	100	77	70-135	
o-Terphenyl	43.4	50.0	87	70-135	

**Lab Batch #:** 879535

**Sample:** 616838-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/21/12 05:20

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0289	0.0300	96	80-120	
4-Bromofluorobenzene	0.0278	0.0300	93	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435300,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 616841-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:00

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.5	100	93	70-135	
o-Terphenyl	42.9	50.0	86	70-135	

**Lab Batch #:** 879535

**Sample:** 616838-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/21/12 03:49

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0314	0.0300	105	80-120	
4-Bromofluorobenzene	0.0325	0.0300	108	80-120	

**Lab Batch #:** 879540

**Sample:** 616841-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:25

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.8	100	93	70-135	
o-Terphenyl	44.1	50.0	88	70-135	

**Lab Batch #:** 879535

**Sample:** 616838-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/21/12 04:12

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0325	0.0300	108	80-120	
4-Bromofluorobenzene	0.0311	0.0300	104	80-120	

**Lab Batch #:** 879540

**Sample:** 435298-001 S / MS

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 07:49

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.7	99.6	86	70-135	
o-Terphenyl	37.0	49.8	74	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



# Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435300,

Project ID:

Lab Batch #: 879535

Sample: 435297-006 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 08:41

### SURROGATE RECOVERY STUDY

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0300	0.0300	100	80-120	
4-Bromofluorobenzene	0.0283	0.0300	94	80-120	

Lab Batch #: 879540

Sample: 435298-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 08:15

### SURROGATE RECOVERY STUDY

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	89.1	99.9	89	70-135	
o-Terphenyl	40.5	50.0	81	70-135	

Lab Batch #: 879535

Sample: 435297-006 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 09:03

### SURROGATE RECOVERY STUDY

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435300

Analyst: ASA

Lab Batch ID: 879535

Sample: 616838-1-BKS

Units: mg/kg

Date Prepared: 01/20/2012

Batch #: 1

Project ID:

Date Analyzed: 01/21/2012

Matrix: Solid

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0974	97	0.100	0.104	104	7	70-130	35	
Toluene	<0.00200	0.100	0.0965	97	0.100	0.104	104	7	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0933	93	0.100	0.101	101	8	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.194	97	0.200	0.210	105	8	70-135	35	
o-Xylene	<0.00100	0.100	0.0934	93	0.100	0.101	101	8	71-133	35	

Analyst: ASA

Lab Batch ID: 879540

Sample: 616841-1-BKS

Date Prepared: 01/20/2012

Batch #: 1

Date Analyzed: 01/20/2012

Matrix: Solid

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	859	86	1000	830	83	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	954	95	1000	921	92	4	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 / MSD Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Order #: 435300

Lab Batch ID: 879535

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 435297-006 S Batch #: 1 Matrix: Soil

Date Prepared: 01/20/2012 Analyst: ASA

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
BTEX by EPA 8021B											
Benzene	<0.00104	0.104	0.0785	75	0.104	0.0863	83	9	70-130	35	
Toluene	<0.00209	0.104	0.0786	76	0.104	0.0844	81	7	70-130	35	
Ethylbenzene	<0.00104	0.104	0.0762	73	0.104	0.0802	77	5	71-129	35	
m_p-Xylenes	<0.00209	0.209	0.156	75	0.209	0.165	79	6	70-135	35	
o-Xylene	<0.00104	0.104	0.0744	72	0.104	0.0785	75	5	71-133	35	

Lab Batch ID: 879540

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

QC-Sample ID: 435298-001 S

Date Prepared: 01/20/2012

Batch #: 1 Matrix: Soil

Analyst: ASA

Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<16.4	1100	879	80	1100	897	82	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<16.4	1100	915	83	1100	979	89	7	70-135	35	

Matrix Spike Percent Recovery [D] = 100\*(C-A)/B  
Relative Percent Difference RPD = 200\*(C-F)/(C+F)

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E



# Sample Duplicate Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435300**

**Lab Batch #: 879416**

**Project ID:**

**Date Analyzed: 01/19/2012 09:30**

**Date Prepared: 01/19/2012**

**Analyst: BRB**

**QC- Sample ID: 435297-001 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: %**

## SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture  Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	3.85	3.62	6	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  
 Atlanta, Boca Raton, Corpus Christi, Dallas  
 Houston, Miami, Odessa, Philadelphia  
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist  
 Document No.: SYS-SRC  
 Revision/Date: No. 01, 5/27/2010  
 Effective Date: 6/1/2010 Page 1 of 1

**Prelogin / Nonconformance Report - Sample Log-In**

Client: NOVA / SUGS  
 Date/Time: 1.18.12 15:50  
 Lab ID #: 435300  
 Initials: WR/AE

**Sample Receipt Checklist**

1. Samples on ice?	Blue	<u>Water</u>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample Instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>1.5</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

**Nonconformance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
  - Initial and Backup Temperature confirm out of temperature conditions
  - Client understands and would like to proceed with analysis

**Analytical Report 435360**  
**for**  
**Southern Union Gas Services- Monahans**

**Project Manager: Rose Slade**  
**SUG South Eunice Slug Overflow**

**23-JAN-12**

Collected By: Client



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**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)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)  
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)

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Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)

Xenco Tucson (EPA Lab code: AZ000989): Arizona (AZ0758)



23-JAN-12

Project Manager: **Rose Slade**  
**Southern Union Gas Services- Monahans**  
1507 W. 15th Street  
Monahans, TX 79756

Reference: XENCO Report No: **435360**  
**SUG South Eunice Slug Overflow**  
Project Address: Lea County, NM

**Rose Slade:**

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 435360. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 435360 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,

**Brent Barron II**

Odessa Laboratory Manager

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# Sample Cross Reference 435360



Southern Union Gas Services- Monahans, Monahans, TX  
SUG South Eunice Slug Overflow

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
North SW-2 @ 0.5'	S	01-18-12 15:15		435360-001
North SW-3 @ 1.5'	S	01-18-12 15:18		435360-002
North SW-4 @ 0.5'	S	01-18-12 15:30		435360-003
East SW-4 @ 1.5'	S	01-18-12 14:32		435360-004
East SW-5 @ 0.5'	S	01-18-12 14:55		435360-005
East SW-6 @ 0.5'	S	01-18-12 15:25		435360-006
East SW-7 @ 0.5'	S	01-18-12 15:27		435360-007
South SW-2 @ 0.5'	S	01-18-12 15:05		435360-008
South SW-3 @ 1.5'	S	01-18-12 15:10		435360-009
South SW-4 @ 0.5'	S	01-18-12 15:22		435360-010
West SW-3 @ 1.5'	S	01-18-12 14:24		435360-011
West SW-4 @ 1.5'	S	01-18-12 15:00		435360-012
West SW-5 @ 1'	S	01-18-12 15:33		435360-013



## CASE NARRATIVE

*Client Name: Southern Union Gas Services- Monahans*  
*Project Name: SUG South Eunice Slug Overflow*



*Project ID:*  
*Work Order Number: 435360*

*Report Date: 23-JAN-12*  
*Date Received: 01/19/2012*

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**Sample receipt non conformances and comments:**

None

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**Sample receipt non conformances and comments per sample:**

None

**Analytical non conformances and comments:**

*Batch: LBA-879464 Percent Moisture*  
*RPD recovered outside QC limits between the sample and sample duplicate.*

*Batch: LBA-879529 BTEX by EPA 8021B*  
*SW8021BM*

*Batch 879529, Benzene, m\_p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike. Ethylbenzene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Samples affected are: 435360-007, -005, -003, -006, -008, -001. The Laboratory Control Sample for Benzene, Ethylbenzene, m\_p-Xylenes , o-Xylene is within laboratory Control Limits*

*SW8021BM*

*Batch 879529, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis*  
*Samples affected are: 435297-001 S.*  
*4-Bromofluorobenzene recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis*  
*Samples affected are: 435360-005,435360-001.*

*Batch: LBA-879532 BTEX by EPA 8021B*  
*SW8021BM*

*Batch 879532, o-Xylene recovered below QC limits in the Matrix Spike.*  
*Samples affected are: 435360-012, -013, -010, -011, -009.*  
*The Laboratory Control Sample for o-Xylene is within laboratory Control Limits*



## CASE NARRATIVE

*Client Name: Southern Union Gas Services- Monahans*  
*Project Name: SUG South Eunice Slug Overflow*



*Project ID:*  
*Work Order Number: 435360*

*Report Date: 23-JAN-12*  
*Date Received: 01/19/2012*

---

*Batch: LBA-879542 TPH By SW8015 Mod*  
*SW8015MOD\_NM*

*Batch 879542, o-Terphenyl recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis*  
*Samples affected are: 435360-001 S.*

*SW8015MOD\_NM*

*Batch 879542, C12-C28 Diesel Range Hydrocarbons recovered below QC limits in the Matrix Spike. C6-C12 Gasoline Range Hydrocarbons recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate.*  
*Samples affected are: 435360-012, -013, -010, -005, -011, -003, -009, -004, -001, -002.*  
*The Laboratory Control Sample for C12-C28 Diesel Range Hydrocarbons, C6-C12 Gasoline Range Hydrocarbons is within laboratory Control Limits*



**Project Name:** SUG South Eunice Slug Overflow  
**Project Location:** Lea County, NM  
**Project Id:** Contact: Rose Slade  
**Date Received in Lab:** Thu Jan-19-12 04:44 pm  
**Report Date:** 23-JAN-12  
**Project Manager:** Brent Barron II

Analysis Requested		Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units/RL:	435360-001	435360-002	435360-003	435360-004	435360-005	435360-006
		North SW-2 @ 0.5'	North SW-3 @ 1.5'	North SW-4 @ 0.5'	North SW-4 @ 0.5'	North SW-4 @ 1.5'	North SW-3 @ 1.5'	North SW-4 @ 0.5'	North SW-4 @ 1.5'	East SW-5 @ 0.5'	East SW-5 @ 0.5'	East SW-6 @ 0.5'			
		Jan-18-12 15:15	Jan-18-12 15:18	Jan-18-12 14:32	Jan-18-12 15:30	Jan-18-12 14:32	Jan-18-12 14:32	Jan-18-12 14:55	Jan-18-12 14:55	Jan-18-12 15:25					
		SOIL	SOIL	SOIL	SOIL										
		mg/kg	mg/kg	mg/kg	mg/kg										
		RL	RL	RL	RL										
<b>BTEX by EPA 8021B</b>		Jan-20-12 08:15	Jan-23-12 10:15	Jan-20-12 08:15	Jan-20-12 08:15	Jan-23-12 10:15	Jan-20-12 08:15	Jan-23-12 10:15	Jan-20-12 08:15	Jan-20-12 08:15	Jan-23-12 10:15	Jan-20-12 08:15	Jan-20-12 08:15	Jan-20-12 08:15	Jan-20-12 08:15
		0.00209	0.00213	0.00209	0.00213	0.00209	0.00213	0.00209	0.00213	0.00209	0.00213	0.00209	0.00213	0.00209	0.00213
		0.00104	0.00107	0.00104	0.00107	0.00104	0.00107	0.00104	0.00107	0.00104	0.00107	0.00104	0.00107	0.00104	0.00107
Benzene		ND	ND	ND	ND										
Toluene		ND	ND	ND	ND										
Ethylbenzene		ND	ND	ND	ND										
m_p-Xylenes		0.00225	0.00209	0.00225	0.00209	0.00225	0.00209	0.00225	0.00209	0.00225	0.00209	0.00225	0.00209	0.00225	0.00209
o-Xylene		0.00239	0.00104	0.00239	0.00104	0.00239	0.00104	0.00239	0.00104	0.00239	0.00104	0.00239	0.00104	0.00239	0.00104
Total Xylenes		0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104
Total BTEX		0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104	0.00464	0.00104
<b>Percent Moisture</b>		Jan-20-12 08:45	Jan-20-12 08:45	Jan-20-12 08:45	Jan-20-12 08:45										
		%	%	%	%	%	%	%	%	%	%	%	%	%	%
		RL	RL	RL	RL										
Percent Moisture		4.21	1.00	4.21	1.00	4.21	1.00	4.21	1.00	4.21	1.00	4.21	1.00	4.21	1.00
<b>TPH By SW8015 Mod</b>		Jan-20-12 14:10	Jan-20-12 14:10	Jan-20-12 14:10	Jan-20-12 14:10										
		mg/kg	mg/kg	mg/kg	mg/kg										
		RL	RL	RL	RL										
C6-C12 Gasoline Range Hydrocarbons		ND	15.7	ND	16.0	ND	16.2	ND	15.7	ND	16.2	ND	16.3	ND	15.5
C12-C28 Diesel Range Hydrocarbons		ND	15.7	ND	16.0	ND	16.2	ND	15.7	ND	16.2	ND	173	ND	15.5
C28-C35 Oil Range Hydrocarbons		ND	15.7	ND	16.0	ND	16.2	ND	15.7	ND	16.2	ND	108	ND	15.5
Total TPH		ND	15.7	ND	16.0	ND	16.2	ND	15.7	ND	16.2	ND	281	ND	15.5

Brent Barron II  
Odessa Laboratory Manager

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.



**Project Id:** Project Name: **SUG South Eunice Slug Overflow**  
**Contact:** Rose Slade  
**Project Location:** Lea County, NM  
**Date Received in Lab:** Thu Jan-19-12 04:44 pm  
**Report Date:** 23-JAN-12  
**Project Manager:** Brent Barron II

<i>Analysis Requested</i>		Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units/RL:	435360-007	435360-008	435360-009	435360-010	435360-011	435360-012	
		East SW-7 @ 0.5'	South SW-2 @ 0.5'	South SW-3 @ 1.5'	South SW-4 @ 0.5'	West SW-3 @ 1.5'	West SW-4 @ 1.5'									
		Jan-18-12 15:27	Jan-18-12 15:05	Jan-18-12 15:10	Jan-18-12 15:22	Jan-18-12 14:24	Jan-18-12 15:00									
		Jan-20-12 08:15	Jan-20-12 08:15	Jan-20-12 14:50	Jan-20-12 14:50	Jan-20-12 14:50	Jan-20-12 14:50									
		Jan-20-12 19:31	Jan-20-12 19:54	Jan-20-12 22:32	Jan-20-12 22:55	Jan-20-12 23:17	Jan-20-12 23:40									
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg									
		RL	RL	RL	RL	RL	RL									
Benzene		ND 0.00103	ND 0.00109	ND 0.00106	ND 0.00105	ND 0.00103	ND 0.00104									
Toluene		ND 0.00206	ND 0.00219	ND 0.00212	ND 0.00209	ND 0.00205	ND 0.00208									
Ethylbenzene		ND 0.00103	ND 0.00109	ND 0.00106	ND 0.00105	ND 0.00103	ND 0.00104									
m,p-Xylenes		ND 0.00206	ND 0.00219	ND 0.00212	ND 0.00209	ND 0.00205	ND 0.00208									
o-Xylene		ND 0.00103	ND 0.00109	ND 0.00106	ND 0.00105	ND 0.00103	ND 0.00104									
Total Xylenes		ND 0.00103	ND 0.00109	ND 0.00106	ND 0.00105	ND 0.00103	ND 0.00104									
Total BTEX		ND 0.00103	ND 0.00109	ND 0.00106	ND 0.00105	ND 0.00103	ND 0.00104									
<b>Percent Moisture</b>																
<i>Extracted:</i>																
<i>Analyzed:</i>		Jan-20-12 08:45	Jan-20-12 08:45	Jan-20-12 08:45	Jan-20-12 08:45	Jan-20-12 08:45	Jan-20-12 08:45									
<i>Units/RL:</i>		%	%	%	%	%	%									
Percent Moisture		3.72	7.83	6.35	4.49	2.75	4.07									
<b>TPH By SW8015 Mod</b>																
<i>Extracted:</i>		Jan-20-12 14:10	Jan-20-12 14:10	Jan-20-12 14:10	Jan-20-12 14:10	Jan-20-12 14:10	Jan-20-12 14:10									
<i>Analyzed:</i>		Jan-23-12 11:40	Jan-23-12 12:06	Jan-21-12 00:11	Jan-21-12 00:46	Jan-21-12 02:30	Jan-21-12 03:04									
<i>Units/RL:</i>		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg									
C6-C12 Gasoline Range Hydrocarbons		ND 15.6	ND 16.3	ND 16.0	ND 15.7	ND 15.4	ND 15.6									
C12-C28 Diesel Range Hydrocarbons		ND 15.6	ND 16.3	ND 16.0	ND 15.7	ND 15.4	ND 15.6									
C28-C35 Oil Range Hydrocarbons		ND 15.6	ND 16.3	ND 16.0	ND 15.7	ND 15.4	ND 15.6									
Total TPH		ND 15.6	ND 16.3	ND 16.0	ND 15.7	ND 15.4	ND 15.6									

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.

Brent Barron II  
Odessa Laboratory Manager



# Certificate of Analysis Summary 435360

## Southern Union Gas Services- Monahans, Monahans, TX



Project Name: **SUG South Eunice Slug Overflow**

Date Received in Lab: Thu Jan-19-12 04:44 pm  
 Report Date: 23-JAN-12  
 Project Manager: Brent Barron II

Project Id:  
 Contact: Rose Slade  
 Project Location: Lea County, NM

Analysis Requested	Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units/RL:
<b>BTEX by EPA 8021B</b>	435360-013	West SW-5 @ 1'		SOIL	Jan-18-12 15:33	Jan-20-12 14:50	Jan-21-12 00:03	mg/kg RL
Benzene								ND 0.00105
Toluene								ND 0.00210
Ethylbenzene								ND 0.00105
m_p-Xylenes								ND 0.00210
o-Xylene								ND 0.00105
Total Xylenes								ND 0.00105
Total BTEX								ND 0.00105
<b>Percent Moisture</b>								
	Extracted:							
	Analyzed:	Jan-20-12 08:45						% RL
Percent Moisture	Units/RL:	5.02						1.00
<b>TPH By SW8015 Mod</b>								
	Extracted:	Jan-20-12 14:10						
	Analyzed:	Jan-21-12 03:38						
C6-C12 Gasoline Range Hydrocarbons	Units/RL:	mg/kg RL						ND 15.8
C12-C28 Diesel Range Hydrocarbons								ND 15.8
C28-C35 Oil Range Hydrocarbons								ND 15.8
Total TPH								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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Brent Barron II  
 Odessa Laboratory 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      **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.

^ NELAC or State program does not offer Accreditation at this time.

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(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435360,

**Project ID:**

**Lab Batch #:** 879529

**Sample:** 435360-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 17:14

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0238	0.0300	79	80-120	*

**Lab Batch #:** 879529

**Sample:** 435360-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 18:00

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0319	0.0300	106	80-120	

**Lab Batch #:** 879529

**Sample:** 435360-005 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 18:45

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0226	0.0300	75	80-120	*

**Lab Batch #:** 879529

**Sample:** 435360-006 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 19:08

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

**Lab Batch #:** 879529

**Sample:** 435360-007 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 19:31

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0343	0.0300	114	80-120	
4-Bromofluorobenzene	0.0297	0.0300	99	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435360,

**Project ID:**

**Lab Batch #:** 879542

**Sample:** 435360-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 19:36

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	95.4	100	95	70-135	
o-Terphenyl	49.4	50.0	99	70-135	

**Lab Batch #:** 879529

**Sample:** 435360-008 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 19:54

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0296	0.0300	99	80-120	
4-Bromofluorobenzene	0.0285	0.0300	95	80-120	

**Lab Batch #:** 879542

**Sample:** 435360-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 20:10

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	111	100	111	70-135	
o-Terphenyl	58.7	50.1	117	70-135	

**Lab Batch #:** 879542

**Sample:** 435360-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 20:40

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.9	99.8	90	70-135	
o-Terphenyl	44.9	49.9	90	70-135	

**Lab Batch #:** 879542

**Sample:** 435360-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:14

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.8	99.7	91	70-135	
o-Terphenyl	45.1	49.9	90	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435360,

**Project ID:**

**Lab Batch #:** 879542

**Sample:** 435360-005 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:50

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	1-Chlorooctane	97.2	99.7	97	70-135
o-Terphenyl	40.6	49.9	81	70-135	

**Lab Batch #:** 879532

**Sample:** 435360-009 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 22:32

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	1,4-Difluorobenzene	0.0306	0.0300	102	80-120
4-Bromofluorobenzene	0.0272	0.0300	91	80-120	

**Lab Batch #:** 879532

**Sample:** 435360-010 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 22:55

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	1,4-Difluorobenzene	0.0293	0.0300	98	80-120
4-Bromofluorobenzene	0.0271	0.0300	90	80-120	

**Lab Batch #:** 879532

**Sample:** 435360-011 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 23:17

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	1,4-Difluorobenzene	0.0337	0.0300	112	80-120
4-Bromofluorobenzene	0.0281	0.0300	94	80-120	

**Lab Batch #:** 879532

**Sample:** 435360-012 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/20/12 23:40

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
	1,4-Difluorobenzene	0.0293	0.0300	98	80-120
4-Bromofluorobenzene	0.0291	0.0300	97	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



# Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435360,

Project ID:

Lab Batch #: 879532

Sample: 435360-013 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 00:03

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
<b>Analytes</b>					
1,4-Difluorobenzene	0.0294	0.0300	98	80-120	
4-Bromofluorobenzene	0.0276	0.0300	92	80-120	

Lab Batch #: 879542

Sample: 435360-009 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 00:11

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
<b>Analytes</b>					
1-Chlorooctane	80.0	99.6	80	70-135	
o-Terphenyl	38.5	49.8	77	70-135	

Lab Batch #: 879542

Sample: 435360-010 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 00:46

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
<b>Analytes</b>					
1-Chlorooctane	87.3	100	87	70-135	
o-Terphenyl	42.6	50.0	85	70-135	

Lab Batch #: 879542

Sample: 435360-011 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 02:30

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
<b>Analytes</b>					
1-Chlorooctane	85.5	100	86	70-135	
o-Terphenyl	40.5	50.0	81	70-135	

Lab Batch #: 879542

Sample: 435360-012 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 03:04

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
<b>Analytes</b>					
1-Chlorooctane	95.0	99.6	95	70-135	
o-Terphenyl	46.5	49.8	93	70-135	

\* Surrogate outside of Laboratory QC limits  
 \*\* Surrogates outside limits; data and surrogates confirmed by reanalysis  
 \*\*\* Poor recoveries due to dilution  
 Surrogate Recovery [D] = 100 \* A / B  
 All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435360,

**Project ID:**

**Lab Batch #:** 879542

**Sample:** 435360-013 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 03:38

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.8	100	100	70-135	
o-Terphenyl	49.8	50.0	100	70-135	

**Lab Batch #:** 879542

**Sample:** 435360-006 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/23/12 11:12

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.6	100	92	70-135	
o-Terphenyl	47.8	50.0	96	70-135	

**Lab Batch #:** 879542

**Sample:** 435360-007 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/23/12 11:40

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.9	100	95	70-135	
o-Terphenyl	56.3	50.0	113	70-135	

**Lab Batch #:** 879542

**Sample:** 435360-008 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/23/12 12:06

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.3	100	99	70-135	
o-Terphenyl	54.0	50.0	108	70-135	

**Lab Batch #:** 879552

**Sample:** 435360-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/23/12 13:25

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0259	0.0300	86	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435360,

**Project ID:**

**Lab Batch #:** 879552

**Sample:** 435360-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/23/12 13:48

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0293	0.0300	98	80-120	

**Lab Batch #:** 879529

**Sample:** 616835-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 10:44

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0284	0.0300	95	80-120	
4-Bromofluorobenzene	0.0342	0.0300	114	80-120	

**Lab Batch #:** 879542

**Sample:** 616842-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 19:00

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	93.0	100	93	70-135	
o-Terphenyl	47.2	50.0	94	70-135	

**Lab Batch #:** 879532

**Sample:** 616837-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 22:10

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0285	0.0300	95	80-120	
4-Bromofluorobenzene	0.0270	0.0300	90	80-120	

**Lab Batch #:** 879552

**Sample:** 616850-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/23/12 11:54

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0280	0.0300	93	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435360,

**Project ID:**

**Lab Batch #:** 879529

**Sample:** 616835-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 09:13

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0278	0.0300	93	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

**Lab Batch #:** 879542

**Sample:** 616842-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 17:54

**SURROGATE RECOVERY STUDY**

<b>TPH By SW8015 Mod</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1-Chlorooctane	101	100	101	70-135	
o-Terphenyl	41.2	50.0	82	70-135	

**Lab Batch #:** 879532

**Sample:** 616837-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 20:39

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0298	0.0300	99	80-120	

**Lab Batch #:** 879522

**Sample:** 616850-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/23/12 11:09

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0313	0.0300	104	80-120	
4-Bromofluorobenzene	0.0314	0.0300	105	80-120	

**Lab Batch #:** 879529

**Sample:** 616835-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 09:36

**SURROGATE RECOVERY STUDY**

<b>BTEX by EPA 8021B</b>	<b>Amount Found [A]</b>	<b>True Amount [B]</b>	<b>Recovery %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>					
1,4-Difluorobenzene	0.0306	0.0300	102	80-120	
4-Bromofluorobenzene	0.0315	0.0300	105	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

## Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435360,

Project ID:

Lab Batch #: 879542

Sample: 616842-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/20/12 18:30

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	100	114	70-135	
o-Terphenyl	50.2	50.0	100	70-135	

Lab Batch #: 879532

Sample: 616837-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

Date Analyzed: 01/20/12 21:02

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0288	0.0300	96	80-120	

Lab Batch #: 879529

Sample: 435297-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 14:56

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0230	0.0300	77	80-120	*
4-Bromofluorobenzene	0.0250	0.0300	83	80-120	

Lab Batch #: 879532

Sample: 435360-009 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 02:41

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0320	0.0300	107	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 879542

Sample: 435360-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 05:21

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod  Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	83.5	100	84	70-135	
o-Terphenyl	33.6	50.1	67	70-135	*

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.



# Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435360,

Project ID:

Lab Batch #: 879552

Sample: 435360-002 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/23/12 14:11

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0255	0.0300	85	80-120	
4-Bromofluorobenzene	0.0325	0.0300	108	80-120	

Lab Batch #: 879529

Sample: 435297-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/20/12 15:19

### SURROGATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0353	0.0300	118	80-120	
4-Bromofluorobenzene	0.0299	0.0300	100	80-120	

Lab Batch #: 879542

Sample: 435360-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 05:54

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	113	100	113	70-135	
o-Terphenyl	47.9	50.1	96	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

# Blank Spike Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435360**

**Project ID:**

**Lab Batch #: 879552**

**Sample: 616850-1-BKS**

**Matrix: Solid**

**Date Analyzed: 01/23/2012**

**Date Prepared: 01/23/2012**

**Analyst: ASA**

**Reporting Units: mg/kg**

**Batch #: 1**

**BLANK /BLANK SPIKE RECOVERY STUDY**

BTEX by EPA 8021B  Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Benzene	<0.00100	0.100	0.101	101	70-130	
Toluene	<0.00200	0.100	0.101	101	70-130	
Ethylbenzene	<0.00100	0.100	0.0974	97	71-129	
m_p-Xylenes	<0.00200	0.200	0.205	103	70-135	
o-Xylene	<0.00100	0.100	0.0972	97	71-133	

Blank Spike Recovery [D] = 100\*[C]/[B]

All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

Project Name: SUG South Eunice Slug Overflow

Work Order #: 435360

Analyst: BRB

Lab Batch ID: 879529

Sample: 616835-1-BKS

Batch #: 1

Date Prepared: 01/20/2012

Project ID:

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0833	83	0.100	0.0902	90	8	70-130	35	
Toluene	<0.00200	0.100	0.0842	84	0.100	0.0936	94	11	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0816	82	0.100	0.0891	89	9	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.172	86	0.200	0.187	94	8	70-135	35	
o-Xylene	<0.00100	0.100	0.0820	82	0.100	0.0891	89	8	71-133	35	

Analyst: ASA

Lab Batch ID: 879532

Sample: 616837-1-BKS

Batch #: 1

Date Prepared: 01/20/2012

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B											
Benzene	<0.00100	0.100	0.0991	99	0.100	0.0980	98	1	70-130	35	
Toluene	<0.00200	0.100	0.0987	99	0.100	0.0972	97	2	70-130	35	
Ethylbenzene	<0.00100	0.100	0.0961	96	0.100	0.0948	95	1	71-129	35	
m_p-Xylenes	<0.00200	0.200	0.200	100	0.200	0.198	99	1	70-135	35	
o-Xylene	<0.00100	0.100	0.0951	95	0.100	0.0947	95	0	71-133	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



**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435360

Analyst: ASA

Lab Batch ID: 879542

Sample: 616842-1-BKS

Date Prepared: 01/20/2012

Batch #: 1

Project ID:

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
TPH By SW8015 Mod	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
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	721	72	1000	702	70	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<15.0	1000	970	97	1000	986	99	2	70-135	35	

**Analytes**

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: **SUG South Eunice Slug Overflow**

Work Order #: 435360  
Lab Batch #: 879532  
Date Analyzed: 01/21/2012  
QC- Sample ID: 435360-009 S  
Reporting Units: mg/kg

Date Prepared: 01/20/2012

Project ID:  
Analyst: ASA

Batch #: 1

Matrix: Soil

### MATRIX / MATRIX SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Benzene	<0.00107	0.107	0.0851	80	70-130	
Toluene	<0.00213	0.107	0.0825	77	70-130	
Ethylbenzene	<0.00107	0.107	0.0767	72	71-129	
m_p-Xylenes	<0.00213	0.213	0.157	74	70-135	
o-Xylene	<0.00107	0.107	0.0753	70	71-133	X

Lab Batch #: 879552  
Date Analyzed: 01/23/2012  
QC- Sample ID: 435360-002 S  
Reporting Units: mg/kg

Date Prepared: 01/23/2012

Analyst: ASA

Batch #: 1

Matrix: Soil

### MATRIX / MATRIX SPIKE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Benzene	<0.00107	0.107	0.0822	77	70-130	
Toluene	<0.00213	0.107	0.0823	77	70-130	
Ethylbenzene	<0.00107	0.107	0.0827	77	71-129	
m_p-Xylenes	<0.00213	0.213	0.184	86	70-135	
o-Xylene	<0.00107	0.107	0.0863	81	71-133	

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

BRL - Below Reporting Limit

**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435360

Lab Batch ID: 879529

Date Analyzed: 01/20/2012

Reporting Units: mg/kg

Project ID:

QC- Sample ID: 435297-001 S Batch #: 1 Matrix: Soil

Date Prepared: 01/20/2012 Analyst: BRB

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
BTEX by EPA 8021B											
Benzene	<0.00104	0.104	0.0707	68	0.104	0.0817	79	14	70-130	35	X
Toluene	<0.00208	0.104	0.0724	70	0.104	0.0772	74	6	70-130	35	
Ethylbenzene	<0.00104	0.104	0.0674	65	0.104	0.0728	70	8	71-129	35	X
m_p-Xylenes	<0.00208	0.208	0.142	68	0.208	0.152	73	7	70-135	35	X
o-Xylene	<0.00104	0.104	0.0678	65	0.104	0.0738	71	8	71-133	35	X

Lab Batch ID: 879542

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

QC- Sample ID: 435360-001 S Batch #: 1 Matrix: Soil

Date Prepared: 01/20/2012 Analyst: ASA

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY											
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
TPH By SW8015 Mod											
C6-C12 Gasoline Range Hydrocarbons	<15.7	1040	566	54	1040	720	69	24	70-135	35	X
C12-C28 Diesel Range Hydrocarbons	<15.7	1040	718	69	1040	983	95	31	70-135	35	X

Matrix Spike Percent Recovery [D] = 100\*(C-A)/B  
Relative Percent Difference RPD = 200\*((C-F)/(C+F))

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit

Matrix Spike Duplicate Percent Recovery [G] = 100\*(F-A)/E



# Sample Duplicate Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435360**

**Lab Batch #: 879464**

**Project ID:**

**Date Analyzed: 01/20/2012 08:45**

**Date Prepared: 01/20/2012**

**Analyst: BRB**

**QC- Sample ID: 435360-001 D**

**Batch #: 1**

**Matrix: Soil**

**Reporting Units: %**

## SAMPLE / SAMPLE DUPLICATE RECOVERY

Percent Moisture  Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	4.21	5.44	25	20	F

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**  
 Atlanta, Boca Raton, Corpus Christi, Dallas  
 Houston, Miami, Odessa, Philadelphia  
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist  
 Document No.: SYS-SRC  
 Revision/Date: No. 01, 5/27/2010  
 Effective Date: 6/1/2010 Page 1 of 1

**Prelogin / Nonconformance Report - Sample Log-In**

Client: NOVA / SUGS  
 Date/Time: 1.19.12 16:44  
 Lab ID #: 435360  
 Initials: AE

**Sample Receipt Checklist**

1. Samples on ice?	Blue	<del>Water</del>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>3.0</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

**Nonconformance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
  - Initial and Backup Temperature confirm out of temperature conditions
  - Client understands and would like to proceed with analysis

**Analytical Report 435362**  
**for**  
**Southern Union Gas Services- Monahans**

**Project Manager: Rose Slade**  
**SUG South Eunice Slug Overflow**

**23-JAN-12**

Collected By: Client



**Celebrating 20 Years of commitment to excellence in Environmental Testing Services**



**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)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)  
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

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)



23-JAN-12

Project Manager: **Rose Slade**  
**Southern Union Gas Services- Monahans**  
1507 W. 15th Street  
Monahans, TX 79756

Reference: XENCO Report No: **435362**  
**SUG South Eunice Slug Overflow**  
Project Address: Lea County, NM

**Rose Slade:**

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 435362. 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. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. 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. 435362 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,

**Brent Barron II**

Odessa Laboratory Manager

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# Sample Cross Reference 435362



Southern Union Gas Services- Monahans, Monahans, TX  
SUG South Eunice Slug Overflow

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Floor-6 @ 2.5'	S	01-18-12 14:30		435362-001
Floor-7 @ 2.5'	S	01-18-12 14:50		435362-002
Floor-8 @ 2'	S	01-18-12 15:12		435362-003
Floor-9 @ 2'	S	01-18-12 15:20		435362-004
Floor-10 @ 1'	S	01-18-12 15:35		435362-005



## CASE NARRATIVE

*Client Name: Southern Union Gas Services- Monahans*  
*Project Name: SUG South Eunice Slug Overflow*



*Project ID:*  
*Work Order Number: 435362*

*Report Date: 23-JAN-12*  
*Date Received: 01/19/2012*

---

**Sample receipt non conformances and comments:**

None

---

**Sample receipt non conformances and comments per sample:**

None

**Analytical non conformances and comments:**

*Batch: LBA-879464 Percent Moisture*  
*RPD recovered outside QC limits between the sample and sample duplicate.*

*Batch: LBA-879532 BTEX by EPA 8021B*  
*SW8021BM*

*Batch 879532, o-Xylene recovered below QC limits in the Matrix Spike.*  
*Samples affected are: 435362-002, -003, -005, -004, -001.*  
*The Laboratory Control Sample for o-Xylene is within laboratory Control Limits*

# Certificate of Analysis Summary 435362

## Southern Union Gas Services- Monahans, Monahans, TX

Project Id: \_\_\_\_\_  
 Contact: Rose Slade  
 Project Location: Lea County, NM

Project Name: **SUG South Eunice Slug Overflow**

Date Received in Lab: Thu Jan-19-12 04:44 pm  
 Report Date: 23-JAN-12  
 Project Manager: Brent Barron II

	Lab Id:	Field Id:	Depth:	Matrix:	Sampled:	Extracted:	Analyzed:	Units/RL:
<b>Analysis Requested</b>	435362-001	Floor-6 @ 2.5'		SOIL	Jan-18-12 14:30	Jan-20-12 14:50	Jan-21-12 00:25	
	435362-002	Floor-7 @ 2.5'		SOIL	Jan-18-12 14:50	Jan-20-12 14:50	Jan-21-12 00:48	
<b>Anions by E300</b>	435362-003	Floor-8 @ 2'		SOIL	Jan-18-12 15:12	Jan-22-12 14:30	Jan-20-12 14:50	
	435362-004	Floor-9 @ 2'		SOIL	Jan-18-12 15:20	Jan-22-12 14:30	Jan-21-12 01:34	
<b>BTEX by EPA 8021B</b>	435362-005	Floor-10 @ 1'		SOIL	Jan-18-12 15:35	Jan-22-12 14:30	Jan-20-12 14:50	
							Jan-21-12 01:56	
Chloride								mg/kg RL 4.43
								ND 4.51
Benzene								mg/kg RL 4.38
								ND 0.00108
Toluene								mg/kg RL 4.51
								ND 0.00105
Ethylbenzene								mg/kg RL 4.51
								ND 0.00211
m_p-Xylenes								mg/kg RL 4.51
								ND 0.00105
o-Xylene								mg/kg RL 4.51
								ND 0.00105
Total Xylenes								mg/kg RL 4.51
								ND 0.00105
Total BTEX								mg/kg RL 4.51
								ND 0.00105
<b>Percent Moisture</b>								mg/kg RL 4.51
								ND 0.00105
Percent Moisture								mg/kg RL 4.51
								ND 0.00105
<b>TPH By SW8015 Mod</b>								mg/kg RL 4.51
								ND 0.00105
C6-C12 Gasoline Range Hydrocarbons								mg/kg RL 4.51
								ND 0.00105
C12-C28 Diesel Range Hydrocarbons								mg/kg RL 4.51
								ND 0.00105
C28-C35 Oil Range Hydrocarbons								mg/kg RL 4.51
								ND 0.00105
Total TPH								mg/kg RL 4.51
								ND 0.00105

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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Brent Barron II  
 Odessa Laboratory 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      **LOQ** Limit of Quantitation

**DL** Method Detection Limit

**NC** Non-Calculable

+ Outside XENCO's scope of NELAC Accreditation.      ^ NELAC or State program does not offer Accreditation at this time.

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5757 NW 158th St, Miami Lakes, FL 33014  
12600 West I-20 East, Odessa, TX 79765  
6017 Financial Drive, Norcross, GA 30071  
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(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(770) 449-8800	(770) 449-5477
(602) 437-0330	

## Form 2 - Surrogate Recoveries

Project Name: **SUG South Eunice Slug Overflow**

Work Orders : 435362,

Project ID:

Lab Batch #: 879532

Sample: 435362-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 00:25

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0297	0.0300	99	80-120	
4-Bromofluorobenzene	0.0277	0.0300	92	80-120	

Lab Batch #: 879532

Sample: 435362-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 00:48

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0293	0.0300	98	80-120	
4-Bromofluorobenzene	0.0285	0.0300	95	80-120	

Lab Batch #: 879532

Sample: 435362-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 01:11

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0295	0.0300	98	80-120	
4-Bromofluorobenzene	0.0264	0.0300	88	80-120	

Lab Batch #: 879532

Sample: 435362-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 01:34

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0311	0.0300	104	80-120	
4-Bromofluorobenzene	0.0273	0.0300	91	80-120	

Lab Batch #: 879532

Sample: 435362-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

Date Analyzed: 01/21/12 01:56

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0307	0.0300	102	80-120	
4-Bromofluorobenzene	0.0280	0.0300	93	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435362,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 435362-001 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 05:41

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	88.4	100	88	70-135	
o-Terphenyl	48.6	50.1	97	70-135	

**Lab Batch #:** 879540

**Sample:** 435362-002 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 06:06

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	104	100	104	70-135	
o-Terphenyl	58.1	50.1	116	70-135	

**Lab Batch #:** 879540

**Sample:** 435362-003 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 06:32

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	101	99.5	102	70-135	
o-Terphenyl	53.9	49.8	108	70-135	

**Lab Batch #:** 879540

**Sample:** 435362-004 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 06:58

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.7	100	87	70-135	
o-Terphenyl	45.0	50.1	90	70-135	

**Lab Batch #:** 879540

**Sample:** 435362-005 / SMP

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 07:24

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.4	100	96	70-135	
o-Terphenyl	55.2	50.1	110	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435362,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 616841-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:52

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	77.2	100	77	70-135	
o-Terphenyl	43.4	50.0	87	70-135	

**Lab Batch #:** 879532

**Sample:** 616837-1-BLK / BLK

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 22:10

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0285	0.0300	95	80-120	
4-Bromofluorobenzene	0.0270	0.0300	90	80-120	

**Lab Batch #:** 879532

**Sample:** 616837-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 20:39

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0312	0.0300	104	80-120	
4-Bromofluorobenzene	0.0298	0.0300	99	80-120	

**Lab Batch #:** 879540

**Sample:** 616841-1-BKS / BKS

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:00

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.5	100	93	70-135	
o-Terphenyl	42.9	50.0	86	70-135	

**Lab Batch #:** 879532

**Sample:** 616837-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:02

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0288	0.0300	96	80-120	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

**Form 2 - Surrogate Recoveries**

**Project Name: SUG South Eunice Slug Overflow**

**Work Orders :** 435362,

**Project ID:**

**Lab Batch #:** 879540

**Sample:** 616841-1-BSD / BSD

**Batch:** 1 **Matrix:** Solid

**Units:** mg/kg

**Date Analyzed:** 01/20/12 21:25

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	92.8	100	93	70-135	
o-Terphenyl	44.1	50.0	88	70-135	

**Lab Batch #:** 879532

**Sample:** 435360-009 S / MS

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 02:41

**SURROGATE RECOVERY STUDY**

BTEX by EPA 8021B Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0320	0.0300	107	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

**Lab Batch #:** 879540

**Sample:** 435298-001 S / MS

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 07:49

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.7	99.6	86	70-135	
o-Terphenyl	37.0	49.8	74	70-135	

**Lab Batch #:** 879540

**Sample:** 435298-001 SD / MSD

**Batch:** 1 **Matrix:** Soil

**Units:** mg/kg

**Date Analyzed:** 01/21/12 08:15

**SURROGATE RECOVERY STUDY**

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	89.1	99.9	89	70-135	
o-Terphenyl	40.5	50.0	81	70-135	

\* Surrogate outside of Laboratory QC limits

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

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] = 100 \* A / B

All results are based on MDL and validated for QC purposes.

# Blank Spike Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435362**

**Project ID:**

**Lab Batch #: 879503**

**Sample: 879503-1-BKS**

**Matrix: Solid**

**Date Analyzed: 01/22/2012**

**Date Prepared: 01/22/2012**

**Analyst: BRB**

**Reporting Units: mg/kg**

**Batch #: 1**

**BLANK /BLANK SPIKE RECOVERY STUDY**

Anions by E300  Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	<0.840	20.0	22.2	111	75-125	

Blank Spike Recovery [D] = 100\*[C]/[B]

All results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit



**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435362

Analyst: ASA

Lab Batch ID: 879532

Sample: 616837-1-BKS

Batch #: 1

Date Prepared: 01/20/2012

Project ID:

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
BTEX by EPA 8021B	<0.00100	0.100	0.0991	99	0.100	0.0980	98	1	70-130	35	
Benzene	<0.00200	0.100	0.0987	99	0.100	0.0972	97	2	70-130	35	
Toluene	<0.00100	0.100	0.0961	96	0.100	0.0948	95	1	71-129	35	
Ethylbenzene	<0.00200	0.200	0.200	100	0.200	0.198	99	1	70-135	35	
m_p-Xylenes	<0.00100	0.100	0.0951	95	0.100	0.0947	95	0	71-133	35	
o-Xylene											

Analyst: ASA

Lab Batch ID: 879540

Sample: 616841-1-BKS

Batch #: 1

Date Prepared: 01/20/2012

Date Analyzed: 01/20/2012

Matrix: Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY											
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
TPH By SW8015 Mod	<15.0	1000	859	86	1000	830	83	3	70-135	35	
C6-C12 Gasoline Range Hydrocarbons	<15.0	1000	954	95	1000	921	92	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons											

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: **SUG South Eunice Slug Overflow**

Work Order #: 435362  
Lab Batch #: 879532  
Date Analyzed: 01/21/2012  
QC- Sample ID: 435360-009 S  
Reporting Units: mg/kg

Project ID:  
Analyst: ASA  
Date Prepared: 01/20/2012  
Batch #: 1  
Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY						
BTEX by EPA 8021B	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Benzene	<0.00107	0.107	0.0851	80	70-130	
Toluene	<0.00213	0.107	0.0825	77	70-130	
Ethylbenzene	<0.00107	0.107	0.0767	72	71-129	
m_p-Xylenes	<0.00213	0.213	0.157	74	70-135	
o-Xylene	<0.00107	0.107	0.0753	70	71-133	X

Lab Batch #: 879503  
Date Analyzed: 01/22/2012  
QC- Sample ID: 435298-001 S  
Reporting Units: mg/kg

Project ID:  
Analyst: BRB  
Date Prepared: 01/22/2012  
Batch #: 1  
Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY						
Inorganic Anions by EPA 300	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Chloride	<4.62	110	126	115	75-125	

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

**Project Name: SUG South Eunice Slug Overflow**

Work Order #: 435362

Lab Batch ID: 879540

Date Analyzed: 01/21/2012

Reporting Units: mg/kg

Project ID:

QC-Sample ID: 435298-001 S

Date Prepared: 01/20/2012

Batch #: 1

Analyst: ASA

Matrix: Soil

TPH By SW8015 Mod	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	<16.4	1100	879	80	1100	897	82	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	<16.4	1100	915	83	1100	979	89	7	70-135	35	

**Analytes**

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

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit

# Sample Duplicate Recovery



**Project Name: SUG South Eunice Slug Overflow**

**Work Order #: 435362**

**Lab Batch #: 879503**

**Date Analyzed: 01/22/2012 14:30**

**QC- Sample ID: 435298-001 D**

**Reporting Units: mg/kg**

**Date Prepared: 01/22/2012**

**Batch #: 1**

**Project ID:**

**Analyst: BRB**

**Matrix: Soil**

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	<4.62	5.61	NC	20	

**Lab Batch #: 879464**

**Date Analyzed: 01/20/2012 08:45**

**QC- Sample ID: 435360-001 D**

**Reporting Units: %**

**Date Prepared: 01/20/2012**

**Batch #: 1**

**Analyst: BRB**

**Matrix: Soil**

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	4.21	5.44	25	20	F

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**  
 Atlanta, Boca Raton, Corpus Christi, Dallas  
 Houston, Miami, Odessa, Philadelphia  
 Phoenix, San Antonio, Tampa

Document Title: Sample Receipt Checklist  
 Document No.: SYS-SRC  
 Revision/Date: No. 01, 5/27/2010  
 Effective Date: 6/1/2010 Page 1 of 1

**Prelogin / Nonconformance Report - Sample Log-In**

Client: NOVA / SUGS  
 Date/Time: 1.19.12 16:44  
 Lab ID #: 439362  
 Initials: AE

**Sample Receipt Checklist**

1. Samples on Ice?	Blue	<del>Water</del>	No	
2. Shipping container in good condition?	<u>Yes</u>	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?	Yes	No	<u>N/A</u>	
4. Chain of Custody present?	<u>Yes</u>	No		
5. Sample instructions complete on chain of custody?	<u>Yes</u>	No		
6. Any missing / extra samples?	Yes	<u>No</u>		
7. Chain of custody signed when relinquished / received?	<u>Yes</u>	No		
8. Chain of custody agrees with sample label(s)?	<u>Yes</u>	No		
9. Container labels legible and intact?	<u>Yes</u>	No		
10. Sample matrix / properties agree with chain of custody?	<u>Yes</u>	No		
11. Samples in proper container / bottle?	<u>Yes</u>	No		
12. Samples properly preserved?	<u>Yes</u>	No	N/A	
13. Sample container intact?	<u>Yes</u>	No		
14. Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No		
15. All samples received within sufficient hold time?	<u>Yes</u>	No		
16. Subcontract of sample(s)?	Yes	No	<u>N/A</u>	
17. VOC sample have zero head space?	<u>Yes</u>	No	N/A	
18. Cooler 1 No.	Cooler 2 No.	Cooler 3 No.	Cooler 4 No.	Cooler 5 No.
lbs <u>3.0</u> °C	lbs °C	lbs °C	lbs °C	lbs °C

**Nonconformance Documentation**

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken: \_\_\_\_\_

- Check all that apply:
- Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
  - Initial and Backup Temperature confirm out of temperature conditions
  - Client understands and would like to proceed with analysis

**Client:** Southern Union Gas Services  
**Project Name:** South Eunice Slug Overflow

**Prepared by:** NOVA  
**Location:** Lea County, New Mexico

**Photograph No. 1**

**Direction:**  
Facing North

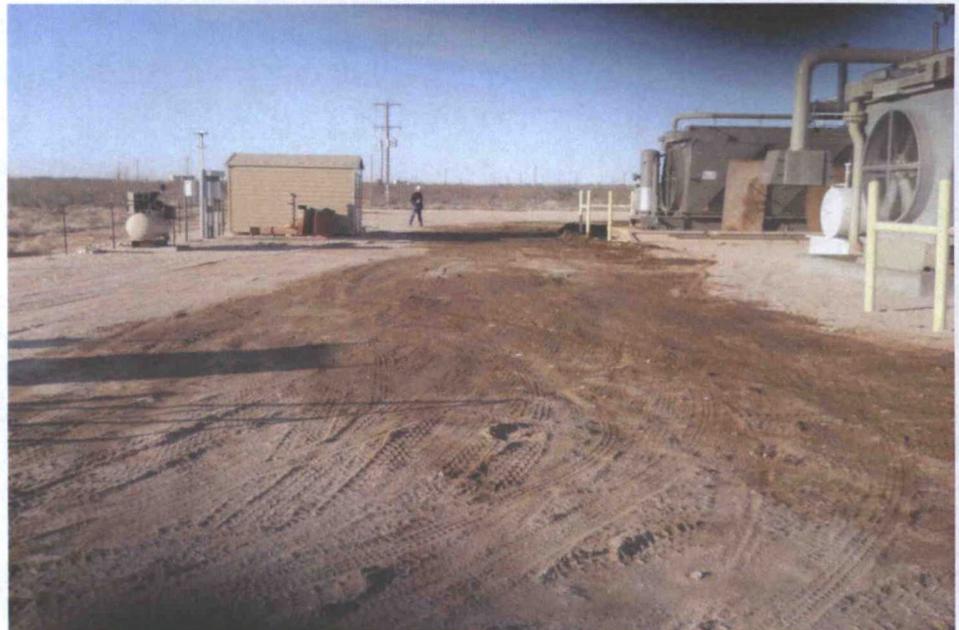
**Description:**  
View of the initial release  
on the west side of the  
facility.



**Photograph No. 2**

**Direction:**  
Facing West

**Description:**  
View of the initial release  
on the south side of the  
facility.



**Client:** Southern Union Gas Services  
**Project Name:** South Eunice Slug Overflow

**Prepared by:** NOVA  
**Location:** Lea County, New Mexico

**Photograph No. 3**

**Direction:**  
Facing Northwest

**Description:**  
View of the initial release  
on the east side of the  
facility.



**Photograph No. 4**

**Direction:**  
Facing North

**Description:**  
View of excavation  
activities on the west  
side of the facility.



**Client:** Southern Union Gas Services  
**Project Name:** South Eunice Slug Overflow

**Prepared by:** NOVA  
**Location:** Lea County, New Mexico

**Photograph No. 5**

**Direction:**  
Facing East.

**Description:**  
View of excavation activities on the south side of the facility.



**Photograph No. 6**

**Direction:**  
Facing North.

**Description:**  
View of excavation activities on the east side of the facility.



**Client:** Southern Union Gas Services  
**Project Name:** South Eunice Slug Overflow

**Prepared by:** NOVA  
**Location:** Lea County, New Mexico

**Photograph No. 7**

**Direction:**  
Facing North.

**Description:**  
View of site restoration activities on the west side of the facility.



**Photograph No. 8**

**Direction:**  
Facing West.

**Description:**  
View of site restoration activities on the south side of the facility.



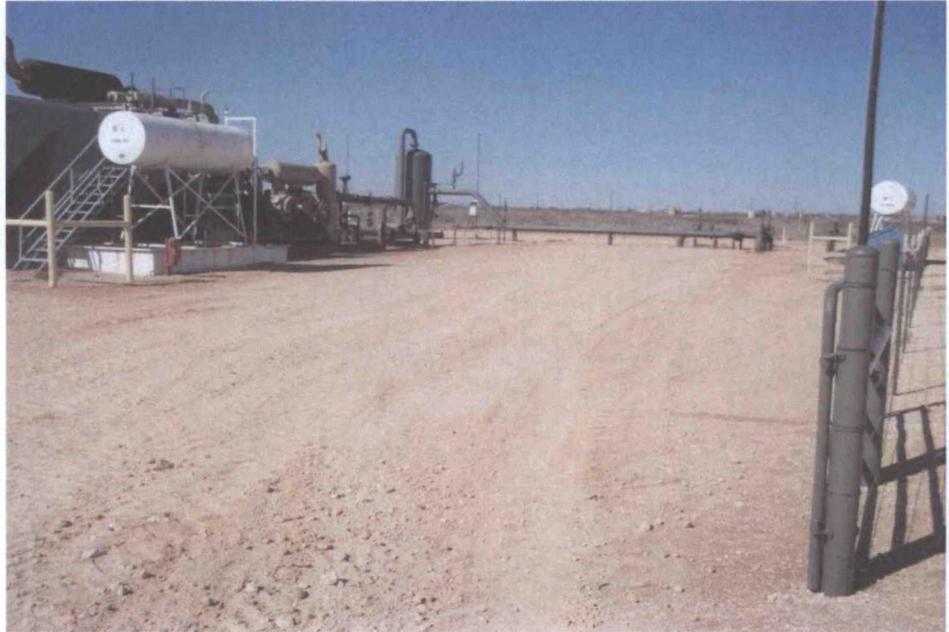
**Client:** Southern Union Gas Services  
**Project Name:** South Eunice Slug Overflow

**Prepared by:** NOVA  
**Location:** Lea County, New Mexico

**Photograph No. 9**

**Direction:**  
Facing North.

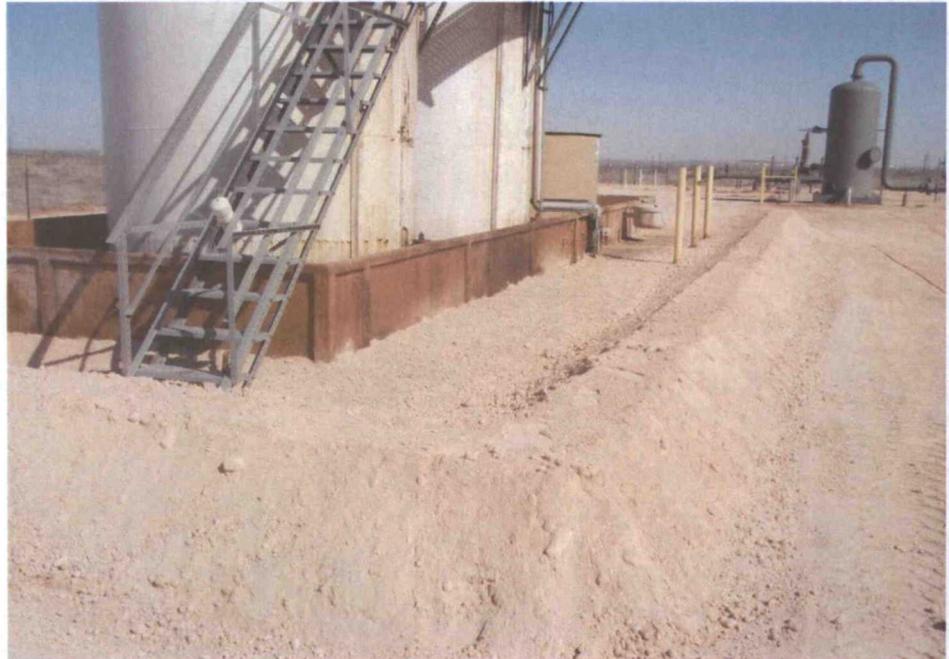
**Description:**  
View of site restoration activities on the east side of the facility.



**Photograph No. 10**

**Direction:**  
Facing Northeast

**Description:**  
View of the berm constructed around the containment area.





# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191870

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Wildcat TRK

DATE: 1-19-2012 VEHICLE NO: 23 TIME 11:50 AM/PM

GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG

RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: Aurora Guadalupe  
(SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion Roman  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191869

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Junior's Dump TRK TIME 11:49 AM/PM

DATE: 1-19-2012 VEHICLE NO: 4 GENERATOR COMPANY MAN'S NAME: Curtis Skille

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: o/d

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191896

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: CHA Martinez  
 DATE: 1-19-2012 VEHICLE NO: 07  
 TIME: 1:27 AM/PM  
 GENERATOR COMPANY MAN'S NAME: Carlos Stankley  
 CHARGE TO: SUG  
 RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: o/d

RRC or API # \_\_\_\_\_ C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: [Signature]  
 FACILITY REPRESENTATIVE: [Signature]

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUN** ICE SERVICES, Inc.

Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191893

LEASE OPERATOR/SHIPPER/COMPANY: SIIG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: C+M Martinez TIME 1:18 AM/PM

DATE: 1-19-2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SIIG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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DRIVER: Curtis Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191891

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: B+I Transport TIME 1:06 AM/PM

DATE: 1-19-2012 VEHICLE NO: 08 GENERATOR COMPANY MAN'S NAME: Curtis Skulley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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DRIVER: Bert Gandy (SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191888

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	
TRANSPORTER COMPANY: <u>AAA TRK</u>	TIME: <u>12:57</u> AM/RM
DATE: <u>1-19-2011</u>	VEHICLE NO: <u>02</u>
CHARGE TO: <u>SUG</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191886

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Wildcat Trucking TIME 12:49 AM/PM

DATE: 1-19-2012 VEHICLE NO: \_\_\_\_\_ GENERATOR COMPANY: \_\_\_\_\_ MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER: \_\_\_\_\_

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # \_\_\_\_\_

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: Austin Gonzalez (SIGNATURE)

FACILITY REPRESENTATIVE: Conner Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191883

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Junior's Dump TRK TIME 12:43 AM/PM

DATE: 1-19-2012 VEHICLE NO: 04 GENERATOR COMPANY MAN'S NAME: Cardie Stankle

CHARGE TO: SUG RIG NAME AND NUMBER

RRC or API # \_\_\_\_\_

Description: old

C-133# \_\_\_\_\_

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: \_\_\_\_\_ (SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191879

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME <u>12:36</u> AM/PM
TRANSPORTER COMPANY: <u>C + A Martinez</u>	GENERATOR COMPANY MAN'S NAME: <u>Charles Stanley</u>
DATE: <u>19.7.2012</u> VEHICLE NO: <u>67</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Solids
- Contaminated Soil
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #	C-133#
VOLUME OF MATERIAL [ ] BBLs. : <u>12</u> 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.

DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191876

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: BI Transp. TIME 12:25 AM/PM

DATE: 1-19-2012 VEHICLE NO: 08 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: 6/d

RRC or API # \_\_\_\_\_ C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ] \_\_\_\_\_

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.

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DRIVER: P. Cant (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romb (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191874

LEASE OPERATOR/SHIPPER/COMPANY: SIIG

LEASE NAME: SOUTH Eunice Compressor

TRANSPORTER COMPANY: A-4 TRK.

DATE: 1-19-2012 VEHICLE NO: 02 TIME 12:17 AM/PM

GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SIIG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: oil

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER:  (SIGNATURE)

FACILITY REPRESENTATIVE: Conor Roman (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191878

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: C+A Martinez TIME 12:35 AM/PM

DATE: 1-19-2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Skinner

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191854

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Bo I Transport TIME 11:16 AM/PM

DATE: 1-19-2012 VEHICLE NO: 08 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: Royce Land (SIGNATURE)

FACILITY REPRESENTATIVE: Conce Ravelo (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. **191862**

LEASE OPERATOR/SHIPPER/COMPANY: **SLUG**

LEASE NAME: **South Eunice Compressor**

TRANSPORTER COMPANY: **C+A Martinez** TIME **11:37AM/PM**

DATE: **1-19-2012** VEHICLE NO: **06** GENERATOR COMPANY MAN'S NAME: **Curtis Stanley**

CHARGE TO: **SLUG** RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : **X** 1 YARD **12** : [ ]

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.

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DRIVER: Curtis Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Conor Romano (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191864

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: C+H Martinez

DATE: 1/19/2012 VEHICLE NO: 07 TIME 11:40 AM / PM

GENERATOR COMPANY MAN'S NAME: Claris Stenby

RIG NAME AND NUMBER

CHARGE TO: SUG

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191907

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: C+A Martinez TIME 2:30 AM/PM  
 DATE: 1.19.2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Stanley  
 CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)  
 FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)  
 White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

**TICKET No. 191917**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Junior's Dump TRK

DATE: 1-19-2012 VEHICLE NO: 04 TIME: 2:25 AM/PM

GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

- Production Water
- Drilling Fluids
- Contaminated Soil
- Solids
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD : 12 : [ ]

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DRIVER: Curtis Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Chris Rowe (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

**TICKET No. 191914**

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Sandy Eunice Compressor

TRANSPORTER COMPANY: C + A Martinez

DATE: 1-19-2012 VEHICLE NO: 07 TIME: 2:21 AM/PM

GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL  BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191906

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: B+I Transp.

DATE: 1.19.2012 VEHICLE NO: 08 TIME: 1:58 AM/PM

GENERATOR COMPANY MAN'S NAME: Carl's Stanley

RIG NAME AND NUMBER

CHARGE TO: SUG

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD : 12 : [ ]

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.

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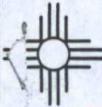
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DRIVER: Robert Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Chris Roney (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter

Re-order from: TOTALLY SHARP ADVERTISING • 432-586-5401 • www.PromoSupermarket.com



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. **191902**

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: A-4A TRK TIME 1:44 AM/PM  
 DATE: 1-19-2017 VEHICLE NO: 02 GENERATOR COMPANY/ MAN'S NAME: Curtis Stanley  
 CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: oil

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : 8 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.

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DRIVER: [Signature] (SIGNATURE)  
 FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)  
 White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191898

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: Wildcat TRK TIME 1:32 AM/PM  
 DATE: 1-19-2012 VEHICLE NO: 23 GENERATOR COMPANY MAN'S NAME: Curtis Stanley  
 CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: Howell Gardner  
 FACILITY REPRESENTATIVE: Connie Rowen  
 White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191897

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Juniors Drive TRK

DATE: 1-19-2012 VEHICLE NO: 4 TIME: 1:28 AM/PM

GENERATOR COMPANY  
 MAN'S NAME: Curtis Stanley

CHARGE TO: SUG

RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

DRIVER: [Signature]  
 (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
 (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191832

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Royes TRK

DATE: 1-19-2012 VEHICLE NO: 08 TIME 10:13 AM/PM

GENERATOR COMPANY MAN'S NAME: Curtis Stauder

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: o/d

RRC or API # \_\_\_\_\_

VOLUME OF MATERIAL  BBLs. 12 YARD  : \_\_\_\_\_

C-133# \_\_\_\_\_

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.

DRIVER: John Reyes (SIGNATURE)

FACILITY REPRESENTATIVE: Conis Roman (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191836

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>SOUTH EUNICE COMPRESSOR</u>	TIME: <u>10:22 AM/PM</u>
TRANSPORTER COMPANY: <u>B-I Transport</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-19-2012</u> VEHICLE NO: <u>08</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Rinsate  
 Tank Bottoms       Contaminated Soil       Jet Out  
 Solids       BS&W Content:       Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: Routland (SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191838

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>10:27</u> AM/PM
TRANSPORTER COMPANY: <u>A+A TRK.</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>02</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191842

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME <u>10:41</u> AM/PM
TRANSPORTER COMPANY: <u>C+M Martinez</u>	
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>06</u>
GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191844

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>10:44 AM</u> /PM
TRANSPORTER COMPANY: <u>C+M Martinez</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-19-2012</u> VEHICLE NO: <u>7</u>	RIG NAME AND NUMBER
CHARGE TO: <u>SUG</u>	

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191843

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>10:42 AM</u> /PM
TRANSPORTER COMPANY: <u>James Dump TRK</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>04</u>
CHARGE TO: <u>SUG</u>	
RIG NAME AND NUMBER	

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Rinsate

Tank Bottoms       Contaminated Soil       Jet Out

Solids       BS&W Content:       Call Out

Description: old

RRC or API # \_\_\_\_\_

C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: Curtis Stanley  
(SIGNATURE)

FACILITY REPRESENTATIVE: Conner Romero  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191846

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: Wildcat TRK TIME: 10:49 AM/PM

DATE: 1-19-2012 VEHICLE NO: 23 GENERATOR COMPANY MAN'S NAME: Curtis Stantel

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : [ X ] 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.

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DRIVER: Austin Gardner (SIGNATURE)

FACILITY REPRESENTATIVE: Conie Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191848

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>10:50 AM/PM</u>
TRANSPORTER COMPANY: <u>B-I Transp.</u>	
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>06</u>
GENERATOR COMPANY MAN'S NAME: <u>Curtis Skinder</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. **191853**

LEASE OPERATOR/SHIPPER/COMPANY: **SUG**

LEASE NAME: **South Eunice Compressor**

TRANSPORTER COMPANY: **Reyes TRK**

DATE: **1-19-2012** VEHICLE NO: **08** TIME: **11:11** AM/PM

GENERATOR COMPANY MAN'S NAME: **Curtis Stanley**

RIG NAME AND NUMBER

CHARGE TO: **SUG**

**TYPE OF MATERIAL**

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: **old**

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : **X** YARD **12** : [ ]

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.

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DRIVER: **Jane Reyes** (SIGNATURE)

FACILITY REPRESENTATIVE: **Constance Romero** (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191856

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: A-A TRK TIME 11:20 AM/PM  
 DATE: 1-19-2012 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Charles Stanley  
 CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191809

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor 2105 1/F

TRANSPORTER COMPANY: Wildcat Trucking TIME: 9:03 AM/PM

DATE: 1-19-2012 VEHICLE NO: 23 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : 11 YARD : 12 : [ ]

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.

DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. **191811**

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor Stus CIF  
 TRANSPORTER COMPANY: B-I Transport TIME 9:12 (AM/PM)  
 DATE: 1-19-2012 VEHICLE NO: 06 GENERATOR COMPANY / MAN'S NAME: Curtis Stanley  
 CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: Jan Ryan (SIGNATURE)  
 FACILITY REPRESENTATIVE: Conis Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191819

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor plus c/f

TRANSPORTER COMPANY: B-I Transport TIME: 9:28 AM/PM

DATE: 1/19/2012 VEHICLE NO: 08 GENERATOR COMPANY MAN'S NAME: Curtis Skelton

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: cpd

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

DRIVER: Ronald Boyd (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191815

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor SUG O/R

TRANSPORTER COMPANY: Reyes TRK TIME 9:20 AM/PM

DATE: 1/19/2012 VEHICLE NO: 08 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191821

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>9:34 AM/PM</u>
TRANSPORTER COMPANY: <u>A+H Trk</u>	GENERATOR COMPANY MAN'S NAME: <u>Chris Skulley</u>
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>02</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191822

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: Junior's Dump TIME 9:50 AM/PM  
 DATE: 1-19-2012 VEHICLE NO: 04 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191824

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>Sundance Eunice Compressor</u>	TIME: <u>9:51 AM/PM</u>
TRANSPORTER COMPANY: <u>C+A Martinez</u>	
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>67</u>
GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Rinsate

Tank Bottoms       Contaminated Soil       Jet Out

Solids       BS&W Content:       Call Out

Description: old

RRC or API # \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : 17 YARD : 12 : [ ] \_\_\_\_\_

C-133# \_\_\_\_\_

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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191823

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>9:51</u> AM/PM
TRANSPORTER COMPANY: <u>C + A Martinez</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>06</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Rinsate

Tank Bottoms       Contaminated Soil       Jet Out

Solids       BS&W Content:       Call Out

Description: old

RRC or API # \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ] \_\_\_\_\_

C-133# \_\_\_\_\_

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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191827

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor Skid #1F

TRANSPORTER COMPANY: Wildcat TRX TIME 10:03 AM/PM

DATE: 1-19-2012 VEHICLE NO: 23 GENERATOR COMPANY MAN'S NAME: Curtis Skintley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: cpd

RRC or API # C-133#

VOLUME OF MATERIAL  BBLs. : X YARD 12 :

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191830

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: B. I. Transport TIME 10:10 AM/PM

DATE: 1-19-2012 VEHICLE NO: CLC GENERATOR COMPANY MAN'S NAME: Curtis Skutumpah

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs : 12 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.

DRIVER: Justin Ruyz (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No.: 191796

LEASE OPERATOR/SHIPPER/COMPANY: SLUG	
LEASE NAME: South Eunice Compressor	TIME 7:58 AM/PM
TRANSPORTER COMPANY: Junior Dump TRK	GENERATOR COMPANY MAN'S NAME: Curtis Stanley
DATE: 1-19-2012	VEHICLE NO: 04
CHARGE TO: SLUG	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  
 Tank Bottoms  
 Solids  
 Drilling Fluids  
 Contaminated Soil  
 BS&W Content  
 Rinsate  
 Jet Out  
 Call Out

Description: old

RRC or API # \_\_\_\_\_

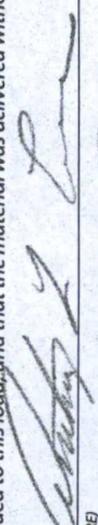
VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

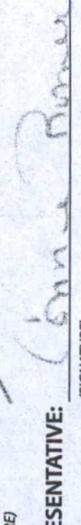
C-133# \_\_\_\_\_

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.

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DRIVER:  (SIGNATURE)

FACILITY REPRESENTATIVE:  (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191797

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor Stus of

TRANSPORTER COMPANY: ChA Martinez TIME 8:01 AM/PM

DATE: 1-19-2017 VEHICLE NO: 07 GENERATOR COMPANY MAN'S NAME: Curtis Senter

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: epd

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191798

LEASE OPERATOR/SHIPPER/COMPANY: SLUG	
LEASE NAME: South Eunice Compressor 5105 416	TIME 8:09 AM/PM
TRANSPORTER COMPANY: Wildcat Trk.	
DATE: 1-19-2012	VEHICLE NO: 23
GENERATOR COMPANY MAN'S NAME: Curtis Stanley	
RIG NAME AND NUMBER	

CHARGE TO: SLUG

RRC or API # \_\_\_\_\_ C-133#

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: Austin Guzman  
(SIGNATURE)

FACILITY REPRESENTATIVE: Conce Romero  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191800

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: BI Transport TIME: 8:23 AM/PM

DATE: 1-19-2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Stankley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: cid

RRC or API # \_\_\_\_\_ C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs : 4 YARD 12 : [ ]

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.

DRIVER: Juan Rojas (SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191801

LEASE OPERATOR/SHIPPER/COMPANY:	SUG
LEASE NAME:	South Eunice Compressor SUG S/F
TRANSPORTER COMPANY:	Reyes Trucking
DATE:	1-19-2012
VEHICLE NO:	08
CHARGE TO:	SUG
GENERATOR COMPANY MAN'S NAME:	Curtis Stanley
RIG NAME AND NUMBER	
TIME	8:28 AM/PM

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. :  YARD 12 : [ ]

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.

DRIVER: Jay Reyes  
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191802

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor Stas 4/F  
 TRANSPORTER COMPANY: B+T Transport TIME 8:40 AM/PM  
 DATE: 1/19/2012 VEHICLE NO: 08  
 GENERATOR COMPANY MAN'S NAME: Curtis Stankovic  
 CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: *Randy Land*  
(SIGNATURE)

FACILITY REPRESENTATIVE: *Connie Romero*  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191803

LEASE OPERATOR/SHIPPER/COMPANY: SIG

LEASE NAME: South Eunice Compressor Slus '18

TRANSPORTER COMPANY: A-A TRK

TIME 8:41 AM/PM

DATE: 1/19/2012 VEHICLE NO: 02

GENERATOR COMPANY  
MAN'S NAME: Charles Stanley

CHARGE TO: SIG

RIG NAME  
AND NUMBER

## TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: off

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

## TICKET No. 191806

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor Stas OK

TRANSPORTER COMPANY: C+A Martinez TIME 8:53 AM PM

DATE: 1.19.2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs : X YARD 12 : [ ]

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.

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DRIVER: Curtis Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Conce Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191807

LEASE OPERATOR/SHIPPER/COMPANY: SUG  
 LEASE NAME: South Eunice Compressor Stack  
 TRANSPORTER COMPANY: Junior Dump Trk. TIME 8:50 AM/PM  
 DATE: 1/19/2012 VEHICLE NO: 04 GENERATOR COMPANY MAN'S NAME: Curtis Stokes  
 CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191808

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor SUGS c/f

TRANSPORTER COMPANY: C + A Martinez TIME 9:01 AM/PM

DATE: 1-19-2012 VEHICLE NO: 07 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: ddd

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191724

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: South Eunice Slus 9F

TRANSPORTER COMPANY: Wildcat TIME 3:23 AM/PM

DATE: 1.18.2012 VEHICLE NO: 01 GENERATOR COMPANY MAN'S NAME: Curtis Skelton

CHARGE TO: SLIG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: cpd

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: Agustin Gonzalez (SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191726

LEASE OPERATOR/SHIPPER/COMPANY: <u>SLIG</u>	
LEASE NAME: <u>South Eunice Slug 9F</u>	TIME <u>3:32</u> AM/PM
TRANSPORTER COMPANY: <u>Junior's Dump TRK</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-18-2012</u>	VEHICLE NO: <u>04</u>
CHARGE TO: <u>SLIG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLS. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191730

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: South Eunice Shug c/f

TRANSPORTER COMPANY: C+A Martinez

DATE: 1-18-2012 VEHICLE NO: 66

TIME 3:57 AM/PM

GENERATOR COMPANY MAN'S NAME: Curtis Skunkley

CHARGE TO: SLIG

RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X 1 YARD 12 : [ ]

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.

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DRIVER: *Curtis Skunkley*  
(SIGNATURE)

FACILITY REPRESENTATIVE: *Canis Rose*  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191729

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: South Eunice Slug c/f

TRANSPORTER COMPANY: A4A Trucking

DATE: 1-18-2012 VEHICLE NO: 02

CHARGE TO: SLIG

GENERATOR COMPANY MAN'S NAME: Curt Stanley

RIG NAME AND NUMBER

TIME: 3:42 AM/PM

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

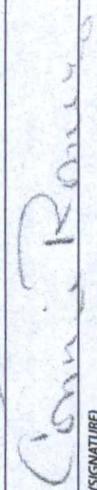
VOLUME OF MATERIAL [ ] BBLs. : X 1 YARD 12 : [ ]

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.

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DRIVER:  (SIGNATURE)

FACILITY REPRESENTATIVE:  (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191732

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Slug Oil</u>	TIME <u>4:02</u> AM/PM
TRANSPORTER COMPANY: <u>CYA Martinez</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Skelton</u>
DATE: <u>1-18-2012</u>	VEHICLE NO: <u>7</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191790

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor</u>	TIME: <u>7:31</u> AM/PM
TRANSPORTER COMPANY: <u>B-I Transport</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Skunk</u>
DATE: <u>1-19-2012</u>	VEHICLE NO: <u>06</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: Juan Dujin (SIGNATURE)

FACILITY REPRESENTATIVE: Chris Ramez (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191791

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Compressor Site</u>	TIME: <u>7:35 AM/PM</u>
TRANSPORTER COMPANY: <u>Reyes Trucking</u>	
DATE: <u>1-19-2002</u>	VEHICLE NO: <u>08</u>
GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: Joe Reyes (SIGNATURE)

FACILITY REPRESENTATIVE: Canary Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191793

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: A+A TRK. TIME 7:41 AM/PM

DATE: 1-19-2012 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Curtis Stanku

CHARGE TO: SLIG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: Conce Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191792

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor Stus c/f

TRANSPORTER COMPANY: BI Transport TIME 7:37 AM/PM

DATE: 1-19-2012 VEHICLE NO: 08 GENERATOR COMPANY MAN'S NAME: Curtis Stuber

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_

VOLUME OF MATERIAL  BBLs. : 1 YARD 12 :

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.

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DRIVER: R. Smith (SIGNATURE)

FACILITY REPRESENTATIVE: Curtis Stuber (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191795

LEASE OPERATOR/SHIPPER/COMPANY: SILG

LEASE NAME: South Eunice Compressor Station

TRANSPORTER COMPANY: C-4A Martinez TIME 7:26 AM/PM

DATE: 1-19-2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Sandoval

CHARGE TO: SILG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Rinsate
- Tank Bottoms
- Contaminated Soil
- Jet Out
- Solids
- BS&W Content
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: \_\_\_\_\_ (SIGNATURE)

FACILITY REPRESENTATIVE: \_\_\_\_\_ (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191697

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slus Overflow

TRANSPORTER COMPANY: C+M Martinez TIME 1:35 AM/PM

DATE: 1.18.2012 VEHICLE NO: 7 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Solids
- Contaminated Soil
- B5&W Content
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191701

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Slus O/F</u>	TIME: <u>1:54 AM/PM</u>
TRANSPORTER COMPANY: <u>Junior Dump Trk.</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Skinner</u>
DATE: <u>1-18-2012</u>	VEHICLE NO: <u>04</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_

C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. **191704**

LEASE OPERATOR/SHIPPER/COMPANY: **SLUG**  
 LEASE NAME: **South Eunice Slugs C/F**  
 TRANSPORTER COMPANY: **C+A Martinez** TIME **2:02 AM/PM**  
 DATE: **1.18.2012** VEHICLE NO: **6** GENERATOR COMPANY MAN'S NAME: **Curtis Stanton**  
 CHARGE TO: **SLUG** RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: **old**

RRC or API # **C-133#**

VOLUME OF MATERIAL [ ] BBLs. : **X** YARD **12** : [ ]

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.

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DRIVER: *Curtis Stanton* (SIGNATURE)  
 FACILITY REPRESENTATIVE: *Connie Romero* (SIGNATURE)  
 White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

**TICKET No. 191705**

LEASE OPERATOR/SHIPPER/COMPANY: SIG  
 LEASE NAME: South Eunice Slus OLF  
 TRANSPORTER COMPANY: ATA Trucking  
 DATE: 1.18.2012 VEHICLE NO: 02 TIME: 2:00 AM/PM  
 GENERATOR COMPANY MAN'S NAME: Curtis Stankin  
 RIG NAME AND NUMBER: \_\_\_\_\_  
 CHARGE TO: SIG

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate  
 Tank Bottoms  Contaminated Soil  Jet Out  
 Solids  BS&W Content:  Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: \_\_\_\_\_ (SIGNATURE)  
 FACILITY REPRESENTATIVE: Curtis Stankin (SIGNATURE)  
 White - Sundance Canary - Sundance Acct #1 Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191707

LEASE OPERATOR/SHIPPER/COMPANY: SLUG	
LEASE NAME: South Eunice Slug c/f	TIME 2:24 AM/PM
TRANSPORTER COMPANY: C/A Martinez	GENERATOR COMPANY MAIN'S NAME: Curtis Skelley
DATE: 1-18-2012	VEHICLE NO: 07
CHARGE TO: SLUG	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 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.

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DRIVER: [Signature]  
 FACILITY REPRESENTATIVE: [Signature]

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191710

LEASE OPERATOR/SHIPPER/COMPANY: SLIG

LEASE NAME: South Eunice Slus LIF

TRANSPORTER COMPANY: Wildcat TRK TIME 2:29 AM/PM

DATE: 1-18-2012 VEHICLE NO: 01 GENERATOR COMPANY / MAN'S NAME: Curtis Stanley

CHARGE TO: SLIG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: Agustin Gonzalez (SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191717

LEASE OPERATOR/SHIPPER/COMPANY: S11G

LEASE NAME: South Eunice plus o/r

TRANSPORTER COMPANY: A4A Trk.

DATE: 1.18.2012 VEHICLE NO: 02 TIME: 2:56 AM/PM

GENERATOR COMPANY  
MAN'S NAME: Curtis Stanley

CHARGE TO: S11G RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: cl/d

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191715

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: South Eunice Slus O/S

TRANSPORTER COMPANY: Junior Dump Trk TIME: 2:47 AM/PM

DATE: 1-18-2012 VEHICLE NO: 04 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SLUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water  Drilling Fluids  Rinsate
- Tank Bottoms  Contaminated Soil  Jet Out
- Solids  BS&W Content:  Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191718

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Shus c/f

TRANSPORTER COMPANY: C+H Martinez TIME 3:00 AM/PM

DATE: 1-18-2012 VEHICLE NO: 06 GENERATOR COMPANY MAN'S NAME: Curtis Steinley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ] \_\_\_\_\_

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191722

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: South Eunice Slug C/F

TRANSPORTER COMPANY: CHA Martinez TIME 3:17 AM/PM

DATE: 1.18.2012 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Curtis Skinkley

CHARGE TO: SLUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191672

LEASE OPERATOR/SHIPPER/COMPANY: SLUG	
LEASE NAME: South Eunice Slug Overflow	TIME 11:58 AM/PM
TRANSPORTER COMPANY: Wildcat TRK	GENERATOR COMPANY MAN'S NAME: Curtis Stanley
DATE: 1-18-2012	VEHICLE NO: 01
CHARGE TO: SLUG	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs : X1 YARD 12 : [ ]

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.

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DRIVER: Austin Gunder (SIGNATURE)

FACILITY REPRESENTATIVE: Curtis Stanley (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

**TICKET No. 191678**

LEASE OPERATOR/SHIPPER/COMPANY: SLUG  
 LEASE NAME: South Eunice Slugs Over flow  
 TRANSPORTER COMPANY: Julner Dump TRK  
 DATE: 1.18.2012 VEHICLE NO: 04 TIME: 12:18 AM/PM  
 CHARGE TO: SLUG

GENERATOR COMPANY MAN'S NAME: Curtis Stankel

RIG NAME AND NUMBER

**TYPE OF MATERIAL**

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: cpd

RRC or API # C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191685

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slug Cues Flow

TRANSPORTER COMPANY: Wildcat Trk. TIME 12:49 AM/PM

DATE: 1-18-2012 VEHICLE NO: 61 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: cid

RRC or API # \_\_\_\_\_ C-133# \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: Houston Gardner (SIGNATURE)

FACILITY REPRESENTATIVE: Conor Rowley (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191683

LEASE OPERATOR/SHIPPER/COMPANY: <u>SLIG</u>	
LEASE NAME: <u>South Eunice Slig Overflow</u>	TIME <u>12:45</u> AM/PM
TRANSPORTER COMPANY: <u>CYA Martinez</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>
DATE: <u>1-18-2012</u>	VEHICLE NO: <u>07</u>
CHARGE TO: <u>SLIG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Rinsate  
 Tank Bottoms       Contaminated Soil       Jet Out  
 Solids       BS&W Content:       Call Out

Description: old

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs : 1 YARD 12 : [ ]

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191687

LEASE OPERATOR/SHIPPER/COMPANY: SLUG	
LEASE NAME: South Eunice Slug Overflow	TIME 1:02 AM/PM
TRANSPORTER COMPANY: Junior Dump Trk	GENERATOR COMPANY MAN'S NAME: Curtis Stanley
DATE: 1/18/2012	VEHICLE NO: 504
CHARGE TO: SLUG	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: rd

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 YARD : [ ]

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191689

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: South Eunice Slugs Overflow

TRANSPORTER COMPANY: CA Martinez

DATE: 1.18.2012 VEHICLE NO: 06 TIME: 1:10 AM/PM

GENERATOR COMPANY MAN'S NAME: Chris Stanley

RIG NAME AND NUMBER

CHARGE TO: SLUG

## TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: qd

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191692

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: South Eunice Slus Overflow

TRANSPORTER COMPANY: AYA Trucking

DATE: 1-18-2012 VEHICLE NO: 02

GENERATOR COMPANY MAN'S NAME: Curtis Stanley

TIME: 1:17 AM/PM

RIG NAME AND NUMBER: SLUG

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API # \_\_\_\_\_

VOLUME OF MATERIAL [ ] BBLs : [ ] YARD 12 : [ ]

C-133#

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.

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DRIVER: \_\_\_\_\_ (SIGNATURE)

FACILITY REPRESENTATIVE: \_\_\_\_\_ (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191698

LEASE OPERATOR/SHIPPER/COMPANY: S116

LEASE NAME: Southern Eunice Slugs Overflow

TRANSPORTER COMPANY: Wildcat Trk. TIME 1:38 AM/PM

DATE: 1-18-2012 VEHICLE NO: 01 GENERATOR COMPANY: Curtis Stanley

CHARGE TO: S116 RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: Aracelis Gonzalez  
(SIGNATURE)

FACILITY REPRESENTATIVE: Carmel Romero  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

## TICKET No. 191645

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Slits Overflow</u>	
TRANSPORTER COMPANY: <u>Wildcat Trucking</u>	TIME: <u>10:03 AM</u> /PM
DATE: <u>1/18/2012</u>	VEHICLE NO: <u>01</u>
GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs : X YARD 12 : [ ]

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.

DRIVER: Arustaw Guazulor (SIGNATURE)

FACILITY REPRESENTATIVE: Conce Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191649

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slag Overflow

TRANSPORTER COMPANY: CYA Martinez

DATE: 1/18/2012 VEHICLE NO: 6

TIME 10:18 AM/PM

GENERATOR COMPANY  
MAN'S NAME: Curtis Stanley

CHARGE TO: SUG

RIG NAME  
AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191650

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slus Overflow

TRANSPORTER COMPANY: Junior's Dump TRK

TIME 10:22 AM/PM

DATE: 1-18-2012 VEHICLE NO: 04

GENERATOR COMPANY  
MAN'S NAME: Curtis Stanley

CHARGE TO: SUG

RIG NAME  
AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: cl

RRC or API #

C-133#

VOLUME OF MATERIAL | ] BBLs. : 12 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.

DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191654

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slur Over Flow

TRANSPORTER COMPANY: A & A Trucking TIME 10:30 AM/PM

DATE: 1-18-2012 VEHICLE NO: 02 GENERATOR COMPANY/ MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: slud

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191656

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Slus Overflow</u>	TIME <u>11:00</u> AM/PM
TRANSPORTER COMPANY: <u>C-4A Martinez</u>	GENERATOR COMPANY MAN'S NAME: <u>Gurtis Stanley</u>
DATE: <u>1.18.2012</u> VEHICLE NO: <u>07</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

**TYPE OF MATERIAL**

Production Water       Drilling Fluids       Rinsate

Tank Bottoms       Contaminated Soil       Jet Out

Solids       BS&W Content:       Call Out

Description: c/d

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191659

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slud Overflow

TRANSPORTER COMPANY: Wildcat Trucking TIME 11:00 AM/PM

DATE: 1-18-2012 VEHICLE NO: 01 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X1 YARD 12 : [ ]

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.

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DRIVER: Augustine Gonzalez (SIGNATURE)

FACILITY REPRESENTATIVE: Charles Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191661

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Eunice Slus Overflow

TRANSPORTER COMPANY: C + A Martinez

DATE: 1.18.2011 VEHICLE NO: 6

TIME: 11:15 AM/PM

GENERATOR COMPANY  
MAN'S NAME: Curtis Skunley

CHARGE TO: SUG

RIG NAME  
AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X1 YARD 12 : [ ]

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.

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DRIVER: Curtis Skunley  
(SIGNATURE)

FACILITY REPRESENTATIVE: Curtis Skunley  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191662

LEASE OPERATOR/SHIPPER/COMPANY: SLUG

LEASE NAME: South Eunice Slug Overflow

TRANSPORTER COMPANY: Junior Dump Truck

TIME 11:16 AM/PM

GENERATOR COMPANY  
MAN'S NAME: Curtis Skunk

DATE: 1-18-2012 VEHICLE NO: 05

CHARGE TO: SLUG

RIG NAME  
AND NUMBER

## TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

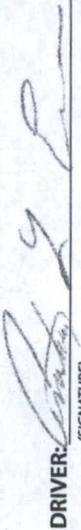
C-133#

VOLUME OF MATERIAL [ ] BBLs : 1 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.

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DRIVER:  (SIGNATURE)

FACILITY REPRESENTATIVE:  (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191663

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slug Overflow

TRANSPORTER COMPANY: AHA TIME 11:27 AM/PM

DATE: 1-18-2012 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: c/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: (SIGNATURE)

FACILITY REPRESENTATIVE: (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191667

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Slu3 Overflow</u>	TIME: <u>11:48</u> AM/PM
TRANSPORTER COMPANY: <u>C-A Martinez</u>	
DATE: <u>1-18-2012</u>	VEHICLE NO: <u>7</u>
GENERATOR COMPANY MAN'S NAME: <u>Curtis Stanley</u>	
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191734

LEASE OPERATOR/SHIPPER/COMPANY: <u>SUG</u>	
LEASE NAME: <u>South Eunice Slus of</u>	TIME: <u>4:10 AM</u>
TRANSPORTER COMPANY: <u>Wildcat TRK</u>	GENERATOR COMPANY MAN'S NAME: <u>Curtis Skinker</u>
DATE: <u>1.18.2012</u>	VEHICLE NO: <u>01</u>
CHARGE TO: <u>SUG</u>	RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: clp

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: Justin Gonzalez  
(SIGNATURE)

FACILITY REPRESENTATIVE: Curtis Skinker  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191738

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: SOUTH EUNICE SUGS 4/F

TRANSPORTER COMPANY: Junior

DATE: 1.18.2012 VEHICLE NO: 04

TIME 4:18 AM/PM

GENERATOR COMPANY  
MAN'S NAME: Curtis Stanley

CHARGE TO: SUG

RIG NAME  
AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Rinsate
- Tank Bottoms
- Contaminated Soil
- Jet Out
- Solids
- BS&W Content:
- Call Out

Description: cpd

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: \_\_\_\_\_  
(SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191625

LEASE OPERATOR/SHIPPER/COMPANY: Southern Union Gas  
 LEASE NAME: South Eunice Compressor  
 TRANSPORTER COMPANY: AAA Trucking TIME 7:47 AM/PM  
 DATE: 11-8-2012 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Curtis Stanley  
 CHARGE TO: SLUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: oil

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

DRIVER: \_\_\_\_\_ (SIGNATURE)  
 FACILITY REPRESENTATIVE: Curtis Stanley (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191626

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: Eunice South Compressor

TRANSPORTER COMPANY: C+A Martinez TIME 8:06 (AM/PM)

DATE: 1-18-2012 VEHICLE NO: 96 MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content
- Rinsate
- Jet Out
- Call Out

Description: o/d

RRC or API # \_\_\_\_\_ C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: Curtis Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Curtis Stanley (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191627

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Compressor

TRANSPORTER COMPANY: C+A Martinez TIME 8:17 AM/PM

DATE: 1-18-2012 VEHICLE NO: 7 GENERATOR COMPANY MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 1 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.

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DRIVER: [Signature]  
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191634

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slus Over flow

TRANSPORTER COMPANY: A+A Trucking TIME 8:49 AM/PM

DATE: 1-18-2012 VEHICLE NO: 02 GENERATOR COMPANY MAN'S NAME: Rodrigo Peña

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191637

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slugs Overflow

TRANSPORTER COMPANY: C+A Martinez

DATE: 1.18.2012 VEHICLE NO:

TIME 9:13 AM/PM

GENERATOR COMPANY  
MAN'S NAME: Rodrigo Peña

CHARGE TO: SUG

RIG NAME  
AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : 12 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.

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DRIVER: \_\_\_\_\_ (SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion Romero (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



**SUNDANCE SERVICES, Inc.**  
 P.O. Box 1737 Eunice, New Mexico 88231  
 (575) 394-2511

TICKET No. 191638

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Sluss Overflow

TRANSPORTER COMPANY: C+A Martinez TIME 9:16 AM/PM

DATE: 11-8-2012 VEHICLE NO: 6 GENERATOR COMPANY MAN'S NAME: Rodrigo Peña

CHARGE TO: SUG RIG NAME AND NUMBER: Curtis Stanley

**TYPE OF MATERIAL**

Production Water  Drilling Fluids  Rinsate

Tank Bottoms  Contaminated Soil  Jet Out

Solids  BS&W Content:  Call Out

Description: old

RRC or API # C-133#

VOLUME OF MATERIAL  BBLs. : 1 YARD 12 :

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.

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DRIVER: Curtis Stanley (SIGNATURE)

FACILITY REPRESENTATIVE: Curtis Stanley (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191643

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Slus Overflow

TRANSPORTER COMPANY: As-A-Truckers TIME 9:41 AM/PM

DATE: 1-18-2012 VEHICLE NO: 02 GENERATOR COMPANY / MAN'S NAME: Curtis Stanley

CHARGE TO: SUG RIG NAME AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Drilling Fluids
- Tank Bottoms
- Contaminated Soil
- Solids
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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.

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DRIVER: [Signature] (SIGNATURE)

FACILITY REPRESENTATIVE: [Signature] (SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter



# SUNDANCE SERVICES, Inc.

P.O. Box 1737 Eunice, New Mexico 88231  
(575) 394-2511

TICKET No. 191646

LEASE OPERATOR/SHIPPER/COMPANY: SUG

LEASE NAME: South Eunice Skus Overflow

TRANSPORTER COMPANY: C+A Martinez

TIME 10:09 AM/PM

DATE: 1.18.2012 VEHICLE NO: 07

GENERATOR COMPANY  
MAN'S NAME: Curtis Stanley

CHARGE TO: SUG

RIG NAME  
AND NUMBER

### TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content:
- Rinsate
- Jet Out
- Call Out

Description: old

RRC or API #

C-133#

VOLUME OF MATERIAL [ ] BBLs. : X YARD 12 : [ ]

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DRIVER: Manuel B. Borden  
(SIGNATURE)

FACILITY REPRESENTATIVE: Concepcion Romero  
(SIGNATURE)

White - Sundance      Canary - Sundance Acct #1      Pink - Transporter