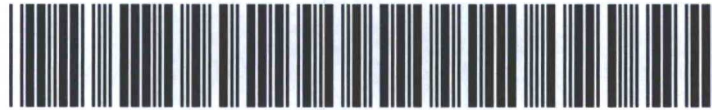




# AE Order Number Banner

## Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



**App Number:** pGRL0824243257

**1RP - 1940**

**SOUTHERN UNION GAS COMPANY**

3/8/2016

MAR 09 2016

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  
20 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

FAX 575 395 9949

Form C-141  
Revised October 10, 2003

FAX TO DON  
11 AM 8-28-08

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, Ltd.	Contact	Tony Savoie
Address	P.O. Box 1226 Jal, N.M. 88252	Telephone No.	575-395-2116
Facility Name	Lea County Field Dept.	Facility Type	Natural Gas Gathering

Surface Owner: Elena Bell Grobe	Mineral Owner: Fee	Lease No.
---------------------------------	--------------------	-----------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	8	24S	37E					Lea

Latitude N32 14.141 Longitude W103 10.665

NATURE OF RELEASE

Type of Release : Natural Gas	Volume of Release: 10 bbls Crude Oil and 50mcf natural gas	Volume Recovered None
Source of Release : 4" Natural Gas Pipeline	Date and Hour of Occurrence Unknown	Date and Hour of Discovery 8/26/08 Time: 9:10 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Buddy Hill NMOCD	
By Whom?	Date and Hour: 8/26/08 9:12 a.m.	
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.\*

DIST I REQ'D  
INFO ON  
ALL LEAKS

PIPELINE LEAK INFO (C-141)  
Line size, Normal operating PSI, Daily thruput,  
H2S ppm, Line depth, Gravity (if oil),  
field gathering line or transmission, areal  
dimensions of liquid spill, year of installation

Describe Cause of Problem and Remedial Action Taken.\*

A 4" Natural gas pipeline leaked releasing natural gas and crude oil. The line was blocked in and blown down. Permanent repairs will be made by replacing approximately 500 ft. of 4" steel line with 4" Poly pipe.

Describe Area Affected and Cleanup Action Taken. Pasture land. An area measuring approximately 2340 sq. ft. was affected by the crude oil that ponded on the pipeline right of way and was soaked up with dry soil on site. An area measuring approximately 21,000 sq. ft. was affected by the crude oil that misted to the north west carried by the wind. All of the affected release area will be remediated in accordance to the NMOCD guidelines for leaks and spills.

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

Signature: <i>Tony Savoie</i>	OIL CONSERVATION DIVISION	
Printed Name: John A. Savoie	Approved by District Supervisor: <i>Johnson</i>	
Title: Waste Management and Remediation Specialist	ENVIRONMENTAL ENGINEER	
E-mail Address: tony.savoie@sug.com	Approval Date: 8-28-08	Expiration Date: 9-28-08
Date: 8/27/08 Phone: 575-395-2116	Conditions of Approval: <i>Submitted Final C-141</i>	

\* Attach Additional Sheets If Necessary

RECEIVED

INCLUDE ALL SAMPLING  
& BILLS OF LADEN FOR HAULED MATERIAL

AUG 28 2008

HOBBS OCD

TABLE 1

## CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES  
GROBE 4 INCH HISTORICAL RELEASE  
LEA COUNTY, NEW MEXICO  
NMOCD 1RP-1940

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 - XYLENES	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>	
NMOCD Regulatory Limit		10	-	-	-	-	50	-	-	-	1,000	-
RP @ 9'	03/22/13	<0.00108	<0.00217	<0.00108	<0.00217	<0.00108	<0.00217	<16.2	<16.2	<16.2	<16.2	620
West S/W-1 @ 8'	03/22/13	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.4	<16.4	<16.4	<16.4	225
RP @ 19'	03/25/13	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00218	<16.3	<16.3	<16.3	<16.3	478
RP @ 21'	03/25/13	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<15.9	<15.9	<15.9	<15.9	287
RP @ 23'	03/25/13	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<15.6	<15.6	<15.6	<15.6	186
East S/W-1 @ 9'	03/25/13	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00218	<16.2	<16.2	<16.2	<16.2	633
East S/W-2 @ 9'	03/25/13	<0.00107	<0.00214	<0.00107	<0.00214	<0.00107	<0.00214	<16.0	<16.0	<16.0	<16.0	613
East S/W-3 @ 9'	03/25/13	<0.00107	<0.00213	<0.00107	<0.00213	<0.00107	<0.00213	<16.0	<16.0	<16.0	<16.0	214
North S/W-1 @ 9'	03/26/13	<0.00107	<0.00214	<0.00107	<0.00214	<0.00107	<0.00214	<16.0	<16.0	<16.0	<16.0	763
North S/W-2 @ 9'	03/26/13	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<15.8	<15.8	<15.8	<15.8	171
South S/W-1 @ 9'	03/26/13	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.4	<16.4	<16.4	<16.4	641
South S/W-2 @ 9'	03/26/13	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<16.6	18.1	<16.6	18.1	201
South S/W-3 @ 9'	03/26/13	<0.00106	<0.00212	<0.00106	<0.00212	<0.00106	<0.00212	<16.1	17.0	<16.1	17.0	256
Caliche	03/27/13	<0.00104	<0.00209	<0.00104	<0.00209	<0.00104	<0.00209	<15.8	<15.8	<15.8	<15.8	372
Topsoil	03/27/13	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<15.2	<15.2	<15.2	<15.2	39.5
South Excavation, SSW-1 @ 18'	07/09/13	<0.000994	<0.00199	0.00124	<0.00199	<0.000994	0.00124	<15.4	<15.4	<15.4	<15.4	339
South Excavation, SSW-2 @ 18'	07/09/13	<0.000996	<0.00199	<0.000996	<0.00199	<0.000996	<0.00199	<16.0	<16.0	<16.0	<16.0	380
South Excavation, SSW-3 @ 18'	07/09/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<16.5	<16.5	<16.5	<16.5	408
South Excavation, ESW-1 @ 18'	07/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<17.2	<17.2	<17.2	<17.2	487
South Excavation, WSW-1 @ 18'	07/09/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<15.2	<15.2	<15.2	<15.2	677
South Excavation, NSW-1 @ 18'	07/09/13	<0.000994	<0.00199	0.00633	0.00512	<0.000994	0.0115	<15.1	<15.1	<15.1	<15.1	688
South Excavation, NSW-2 @ 18'	07/09/13	<0.000994	<0.00199	<0.000994	<0.00199	<0.000994	<0.00199	<15.4	<15.4	<15.4	<15.4	549
South Excavation, Floor-1 @ 19'	07/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<15.9	<15.9	<15.9	<15.9	167
South Excavation, Floor-2 @ 19'	07/09/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<15.9	<15.9	<15.9	<15.9	319
North Excavation, ESW @ 18'	07/09/13	<0.000992	<0.00198	<0.000992	<0.00198	<0.000992	<0.00198	<16.0	<16.0	<16.0	<16.0	364
North Excavation, NSW @ 18'	07/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<15.9	<15.9	<15.9	<15.9	160
North Excavation, WSW @ 18'	07/09/13	<0.00100	<0.00201	<0.00100	<0.00201	<0.00100	<0.00201	<15.6	<15.6	<15.6	<15.6	339
North Excavation, SSW @ 18'	07/09/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<16.1	<16.1	<16.1	<16.1	270
North Excavation, Floor @ 19'	07/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<16.3	<16.3	<16.3	<16.3	222
SP-1	07/11/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<15.5	<15.5	<15.5	<15.5	178

VMOCD  
LINE  
WAIT  
TILL  
PLOW

TABLE 1

## CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

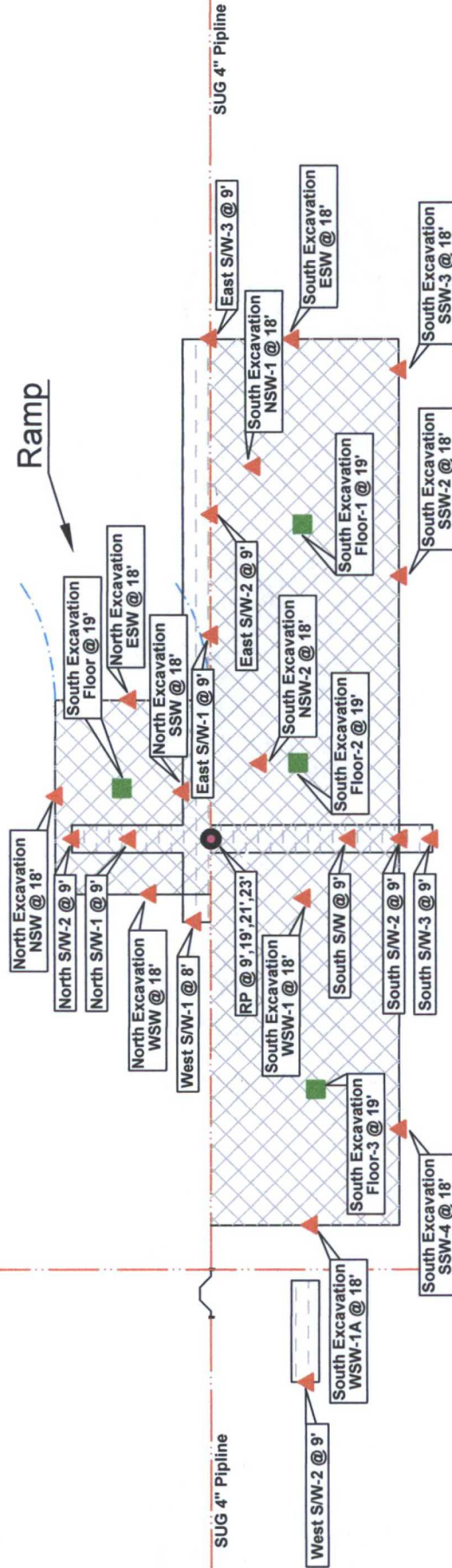
SOUTHERN UNION GAS SERVICES  
 GROBE 4 INCH HISTORICAL RELEASE  
 LEA COUNTY, NEW MEXICO  
 NMOCD 1RP-1940

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b					METHOD: SW 8015M					E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	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>	
NMOCD Regulatory Limit		10	-	-	-	-	50	-	-	-	1,000	-
SP-2	07/11/13	<0.00199	<0.00398	<0.00199	<0.00398	<0.00199	<0.00398	<15.6	<15.6	<15.6	<15.6	225
SP-3	07/11/13	<0.00199	<0.00398	<0.00199	<0.00398	<0.00199	<0.00398	<15.5	<15.5	<15.5	<15.5	186
SP-4	07/11/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<15.3	<15.3	<15.3	<15.3	205
Topsoil-1	07/11/13	<0.00200	<0.00399	<0.00200	<0.00399	<0.00200	<0.00399	<15.1	<15.1	<15.1	<15.1	26.6
Topsoil-2	07/11/13	<0.00200	<0.00400	<0.00200	<0.00400	<0.00200	<0.00400	<15.1	<15.1	<15.1	<15.1	57.0
South Excavation West S/W-1A @ 18'	08/12/13	-	-	-	-	-	-	-	-	-	-	398
South Excavation Floor-3 @ 19'	08/14/13	<0.000998	<0.00200	<0.000998	<0.00200	<0.000998	<0.00200	<15.0	<15.0	<15.0	<15.0	226
West S/W-2 @ 9'	08/15/13	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.4	<15.4	<15.4	<15.4	84.5
Topsoil-3	08/16/13	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<15.3	32.9	<15.3	32.9	58.7
Topsoil-4	08/16/13	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<15.3	<15.3	<15.3	<15.3	37.1
SP-5	08/16/13	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<15.9	<15.9	<15.9	<15.9	120
SP-6	08/16/13	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00210	<16.0	<16.0	<16.0	<16.0	304
SP-7	08/16/13	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.8	<15.8	<15.8	<15.8	248
SP-8	08/16/13	<0.00107	<0.00213	<0.00107	<0.00213	<0.00107	<0.00213	<16.0	<16.0	<16.0	<16.0	271



Ramp



Legend:

- Sidewall Soil Sample Location
- Floor Soil Sample Location
- Release Point / Clamp Location
- Trench Area
- Excavation Area
- SUG Pipeline

Figure 2  
Site Detail & Soil Sample  
Location Map  
Southern Union Gas Service  
Grobe 4"  
Lea County, NM  
1RP-1940