

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, Ltd.	Contact	Tony Savoie
Address	P.O. Box 1226 Jal, N.M. 88252	Telephone No.	505-395-2116
Facility Name	Lea County Field Dept.	Facility Type	Natural Gas Gathering

Surface Owner: Federal	Mineral Owner: Federal	Lease No.
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	5	24S	35E					Lea

Latitude N32 14.776 Longitude W103 23.768

**NATURE OF RELEASE**

Type of Release : Crude oil and natural gas	Volume of Release: 330 mcf gas, 28 bbls oil	Volume Recovered	0 bbls
Source of Release Pipeline	Date and Hour of Occurrence Unknown	Date and Hour of Discovery	8/2506 Time: 3:46 p.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD on call Rep. Gary Wink		
By Whom? Tony Savoie, Southern Union Gas Services	Date and Hour: 8/25/06 4:49 p.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.\*

Describe Cause of Problem and Remedial Action Taken.\*

The 8" steel gathering pipeline, operating at 25 psi developed a leak, the line was excavated and the affected area was clamped at 4:49 p.m. on 8/21/06. All of the oil released soaked into the ground. Clean soil was added to the impacted area to eliminate the risk to livestock and wildlife. Normal operating pressure on the line is 20 psi to 30 psi, with a potential H2S content of 4000 ppm.

Describe Area Affected and Cleanup Action Taken. The affected area is pasture. An area covering approximately 4482 sq. ft. was affected by the release and response activities. Remediation activities will start after a section of the pipeline has been replaced. All remediation activities will follow the NMOCD Recommended Guidelines For The Remediation of 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: Tony Savoie		OIL CONSERVATION DIVISION	
Printed Name: John A. Savoie		Approved by District Supervisor: <i>[Signature]</i>	
Title: EH&S Comp. Coord.	Approval Date: 8-30-06	Expiration Date: 11-1-06	
E-mail Address: tony.savoie@sugs.com	Conditions of Approval: NOTIFY FOR FINAL SAMPLE		Attached <input type="checkbox"/>
Date: 8/2806	Phone: 505-395-2116	SUBMIT CLOSURE w/ SAMPLE	

\* Attach Additional Sheets If Necessary

incident - NPAC0625730619  
application - pPAC0625730766

UNATTACHED w/ TABLES & RAT.

RP# 1021

# A-14 8" Mainline #2006-043 Ranking Analysis

NMOCD Standards			Points
Depth to Ground Water	Greater than 100 ft.		0
Depth to Ground Water	Less than 100 ft. but greater than 50 ft.		10
Depth to Ground Water	Less than 50 ft.		20
Well Head Protection	Less than 1000 ft. from a water source, or;	Yes	20
	Less than 200 ft. from private domestic water source	No	0
Distance to Surface water body	Less than 200 Horizontal. ft.		20
Distance to Surface water body	200 to 1000 Horizontal ft.		10
Distance to Surface water body	Greater than 1000 Horizontal ft.		0
<b>Action levels</b>	<b>&gt;19</b>	<b>10-19</b>	<b>0-9</b>
Benzene (mg/kg)	10	10	10
BTEX (mg/kg)	50	50	50
TPH (mg/kg)	100	1000	5000

Site Ranking			Points
Depth to Ground Water "Avg."	120 ft.		0
Well Head Protection	3.24 Horiz. Miles		0
Surface Water Body	806 Horiz. Ft.		10
<b>Total Ranking Score</b>			<b>10</b>

Site Closure Objective	
Benzene (mg/kg)	10
BTEX (mg/kg)	50
TPH (mg/kg) "Surface"	1000

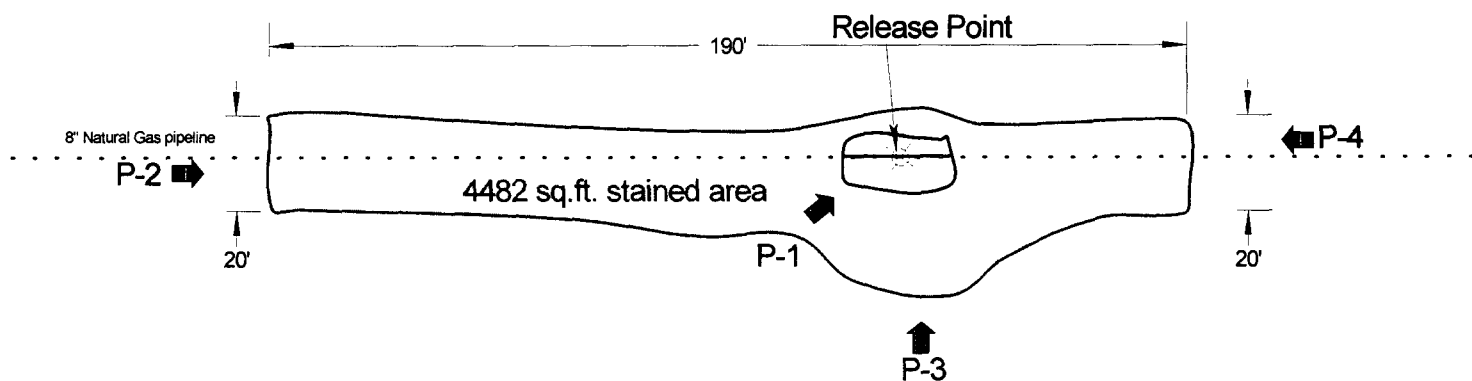
Remediation Plan:
All affected soil will be excavated and sampled for the presence of Hydrocarbons EPA method (8015M)
Soil with TPH values greater than 1000 mg/kg with will be transported to the Southern Union Gas Landfarm or remediated on site following the NMOCD guidelines for the remediation of leaks and spills.
Soil samples will be collected from the excavation and analyzed for Hydrocarbons EPA method (8015M)
All samples will be field screened with a "PID" The soil sample with the highest PID reading will be analyzed separately and tested for BTEX.

**2,000 ft**

<i>R. F. Madera, et al.</i>		<i>R. F. Madera, et al.</i>		<i>R. F. Madera, et al.</i>		<i>R. F. Madera, et al.</i>		<i>R. F. Madera, et al.</i>	
<sup>2</sup> 40.02	<sup>1</sup> 40.04	<sup>4</sup> 40.05	<sup>3</sup> 40.06	<sup>2</sup> 40.08	<sup>1</sup> 40.09	<sup>4</sup> 40.11	<sup>3</sup> 40.14	<sup>2</sup> 40.16	

<i>U. S. A.</i>				<i>U. S. A.</i>				<i>Jal Library</i>	

		<i>Rubert Madera Trust</i>		
		8		9
			<i>R.F. Madera, et al.</i>	



Oil Loss calculation:  
 Total affected area= 4482 sq. ft.  
 Total affected volume @ 1ft. saturation=4482 cubic ft.  
 Total oil loss @3.5% TPH= 28 bbls.

Photographed and sketched by: Tony Savoie  
 17:46 8/25/06

Approximate  
 Scale 1"= 40'



Unit ltr. "L"  
 Section 5  
 Twns.-24 S  
 Range 35E  
 County-Lea, N.M.  
 GPS  
 Lat- 32-14.776N  
 Long-103-23.768W

**Southern Union**  
 Gas Services

## SITE PLAN: A-14 8" Mainline

### Lea County Area

Job #2006-043

Figure 1

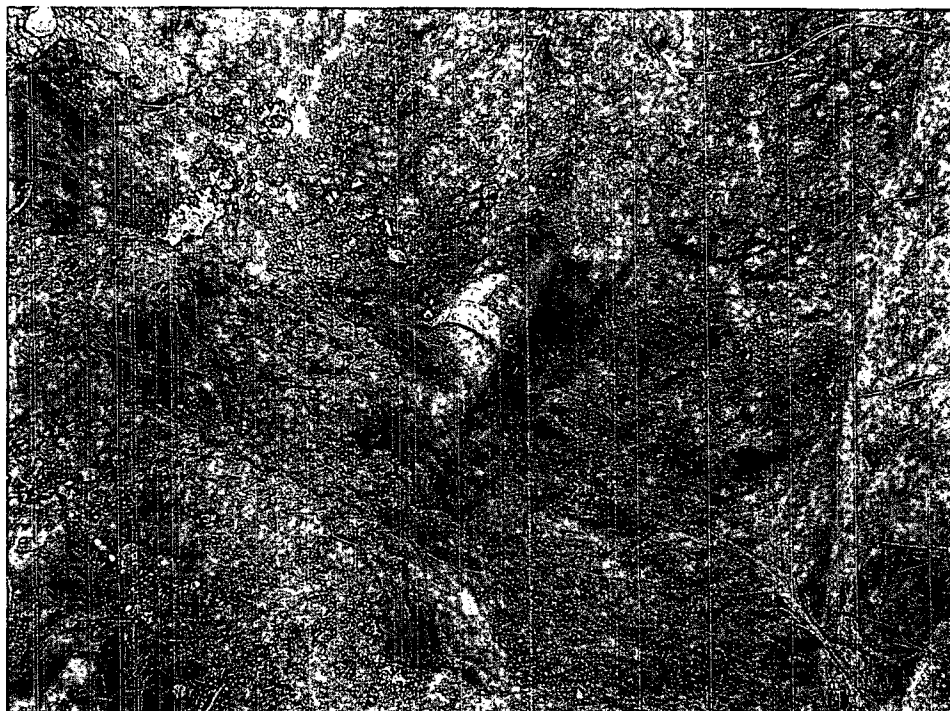


Photo 1



Photo 2

Southern Union Gas Services Site: A-14 8" Mainline  
Job #2006-043  
Site Assessment 8/25/06

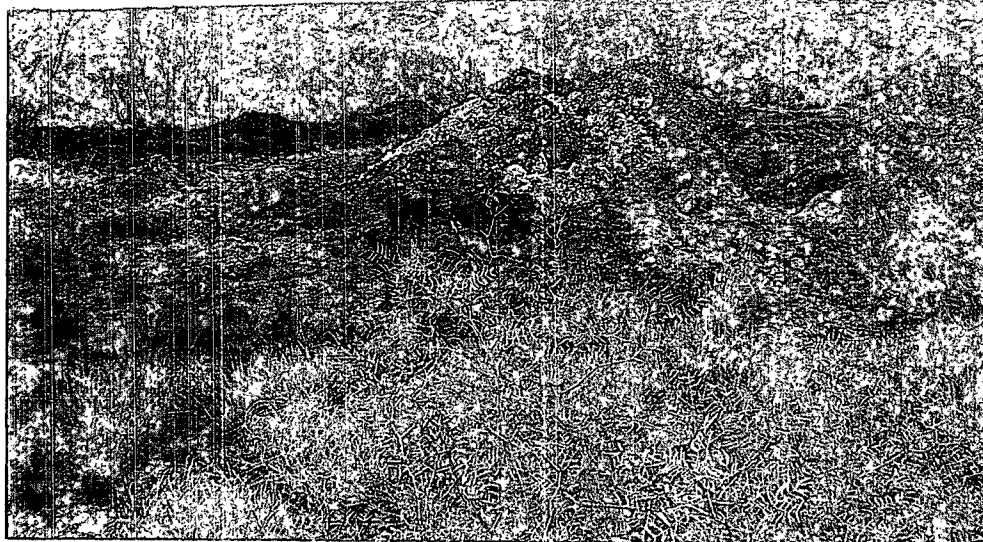


Photo 3



Photo 4

Southern Union Gas Services Site: A-14 8" Mainline  
Job #2006-043  
Site Assessment 8/25/06