

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

Form C-141  
Revised October 10, 2003

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

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

**Release Notification and Corrective Action**

**OPERATOR**

Initial Report  Final Report

Name of Company	Southern Union 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: Southern Union Gas Services	Mineral Owner: Fee	Lease No.	

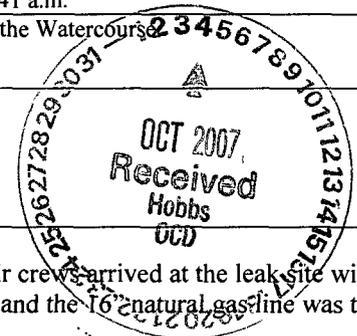
**LOCATION OF RELEASE**

Unit Letter P	Section 36	Township 21S	Range 36E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude N32 25.691 Longitude W103 12.721

**NATURE OF RELEASE**

Type of Release : Natural Gas and Produced water	Volume of Release: 100 Bbbls Fluid and 405 MCF Nat. Gas	Volume Recovered 65 Bbbls
Source of Release : 14" Natural Gas Pipeline	Date and Hour of Occurrence not known	Date and Hour of Discovery 9/24/07 Time: 9:03 a.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Gary Wink On-call NMOCD	
By Whom? Tony Savoie	Date and Hour: 9/24/07 9:41 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.\*

Describe Cause of Problem and Remedial Action Taken.\*

A 14" Natural Gas gathering line operating at approximately 30 p.s.i. developed a leak. Repair crews arrived at the leak site with a vacuum truck and started containing and recovering the produced water. The leak area was excavated and the 16" natural gas line was temporarily repaired with a leak clamp.

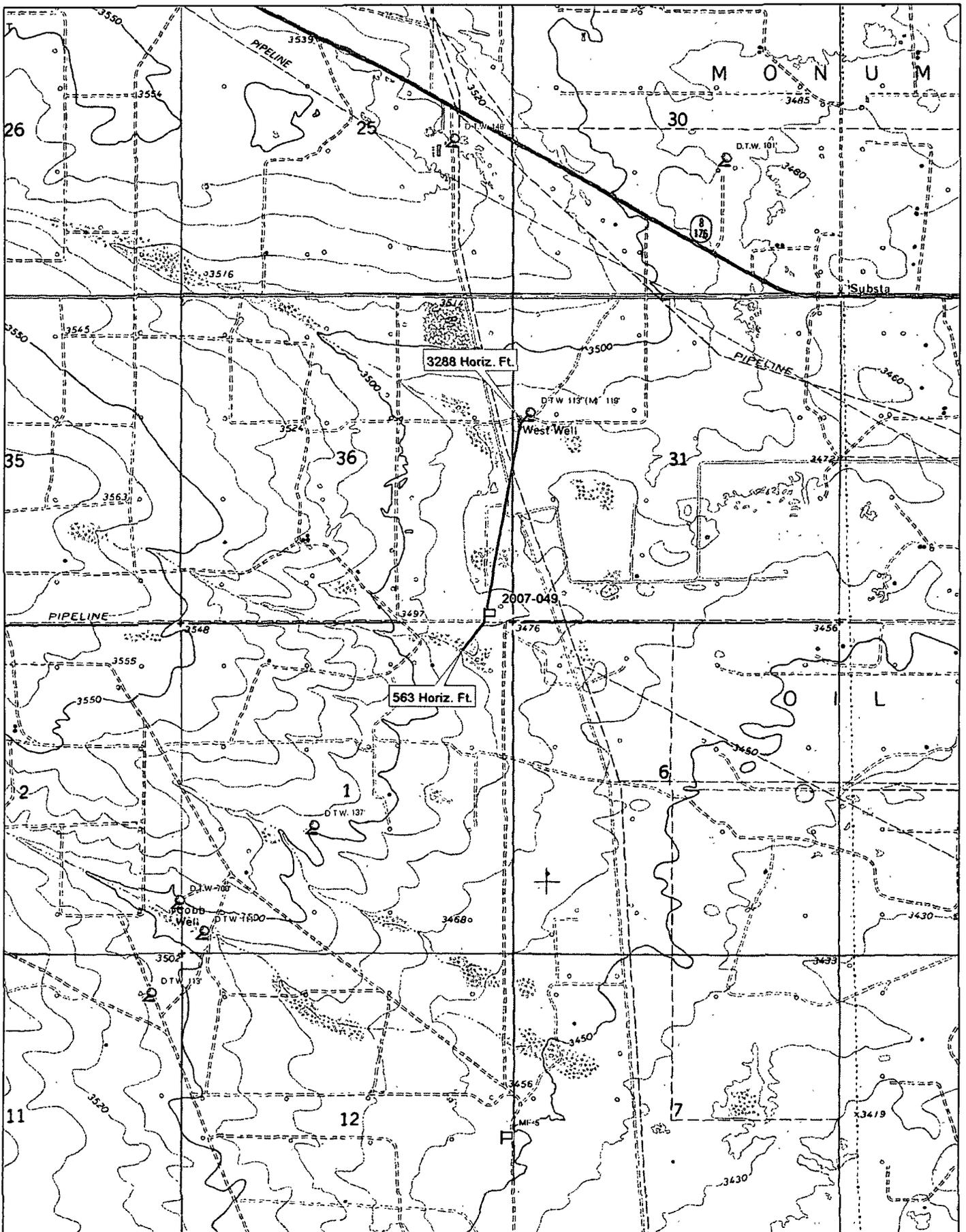
Describe Area Affected and Cleanup Action Taken. Approximately 4,184 sq.ft. of lease road and pipeline right-of-way was affected by the leak and temporary repair. Approximately 65 Bbbls of produced water were recovered. Soil samples were collected at various locations within the spill site. The samples were analyzed for chloride and TPH, the analytical results are attached to this report. Final remediation will follow the NMOCD recommended 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>J. A. Savoie</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: John A. Savoie	<i>J. Johnson</i> Approved by District Environmental Engineer	
Title: Remediation Supervisor	Approval Date: 10.9.07	Expiration Date: 12.10.07
E-mail Address: tony.savoie@sug.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10/4/07 Phone: 505-395-2116	SUBMIT FINAL C-141 w/ DOCUMENTATION 59	

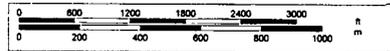
\* Attach Additional Sheets If Necessary

RPT# 1608



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[www.delorme.com](http://www.delorme.com)

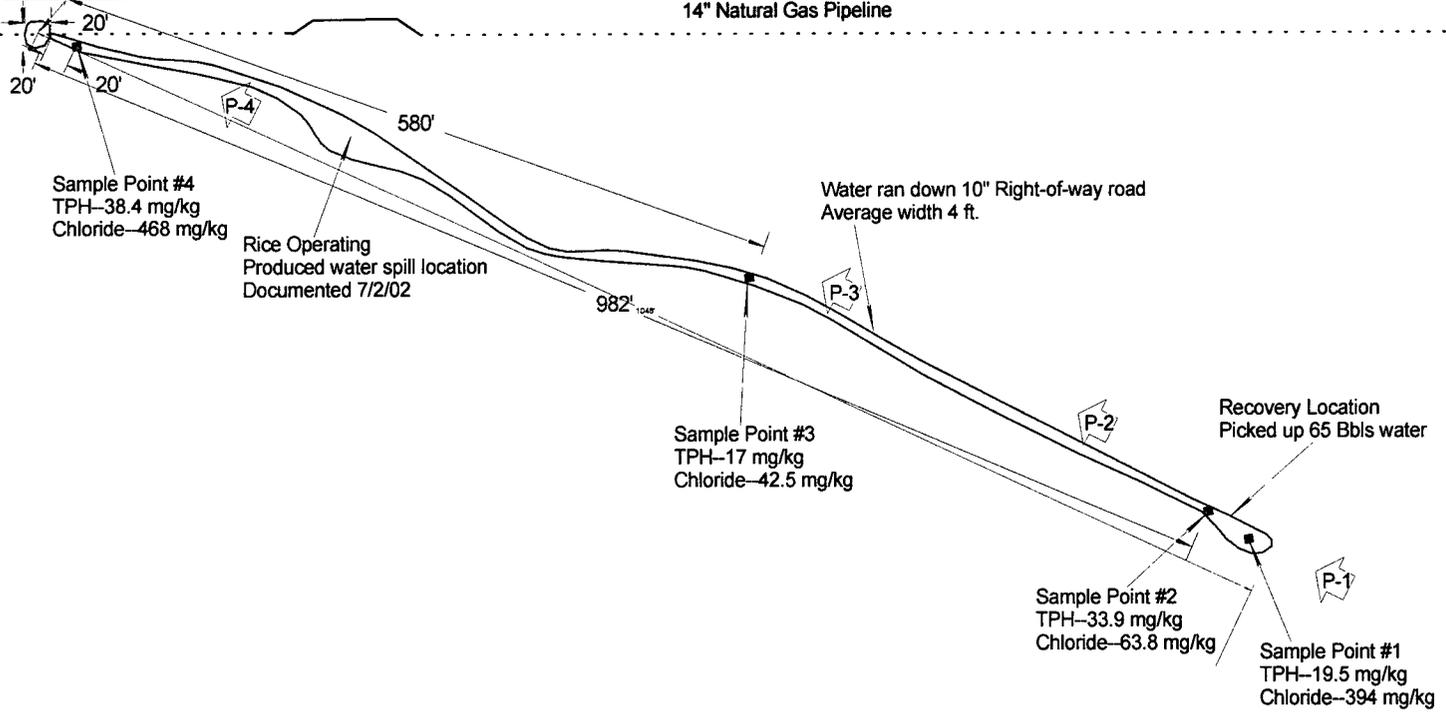
Scale 1 : 25,000  
 1" = 2080 ft



West Eunice Compressor Station

Release Point

14" Natural Gas Pipeline



Approximate

Scale 1"= 200'

N

Unit Ltr. "P"  
Section: 36  
Twns: 21 S  
Range: 36 E  
County: Lea, N.M.  
G.P.S.  
Lat: 32-25.691 N  
Long: 103-12.721 W



SITE PLAN: Fullerton 14" @ West Eunice

Lea County Area Jal, N.M.

2007-049

Figure 1



Photo 1



Photo 2

Southern Union Gas Services Site: Fullerton 14"  
Job #2007-049  
Before Remediation 10/1/07



Photo 3



Photo 4

Southern Union Gas Services Site: Fullerton 14"  
Job #2007-049  
Before Remediation 10/1/07



**Sample Cross Reference 290603**

**Southern Union Gas Services-Jal, Jal, NM**  
Fullerton/West Eunice

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
S-1 Surface	S	Oct-01-07 07:20		290603-001
S-2 Surface	S	Oct-01-07 07:22		290603-002
S-3 Surface	S	Oct-01-07 07:25		290603-003
S-4 Surface	S	Oct-01-07 07:30		290603-004



# Certificate of Analysis Summary 290603

Southern Union Gas Services-Jal, Jal, NM

Project Name: Fullerton/West Eunice

Project Id: 2007-049

Contact: Tony Savoie

Project Location: West of Eunice NM

Date Received in Lab: Tue Oct-02-07 02 15 pm

Report Date: 03-OCT-07

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	290603-001	290603-002	290603-003	290603-004		
	<i>Field Id:</i>	S-1 Surface	S-2 Surface	S-3 Surface	S-4 Surface		
	<i>Depth:</i>						
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL		
	<i>Sampled:</i>	Oct-01-07 07 20	Oct-01-07 07 22	Oct-01-07 07 25	Oct-01-07 07 30		
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Oct-02-07 15 10	Oct-02-07 15 10	Oct-02-07 15 10	Oct-02-07 15 15		
	<i>Units/RL:</i>	%      RL	%      RL	%      RL	%      RL		
Percent Moisture		19.4    1.00	11.6    1.00	9.64    1.00	11.2    1.00		
<b>TPH by SW8015 Mod</b>	<i>Extracted:</i>	Oct-02-07 15 15	Oct-02-07 15 15	Oct-02-07 15 15	Oct-02-07 15 15		
	<i>Analyzed:</i>	Oct-02-07 19 29	Oct-02-07 19 54	Oct-02-07 20 19	Oct-02-07 20 44		
	<i>Units/RL:</i>	mg/kg    RL	mg/kg    RL	mg/kg    RL	mg/kg    RL		
C6-C12 Gasoline Range Hydrocarbons		ND    12.4	ND    11.3	ND    11.1	ND    11.3		
C12-C28 Diesel Range Hydrocarbons		19.5    12.4	33.9    11.3	17.0    11.1	38.4    11.3		
C28-C35 Oil Range Hydrocarbons		ND    12.4	ND    11.3	ND    11.1	ND    11.3		
Total TPH		19.5	33.9	17	38.4		
<b>Total Chloride by EPA 325.3</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Oct-02-07 15 00	Oct-02-07 15 00	Oct-02-07 15 00	Oct-02-07 15 00		
	<i>Units/RL:</i>	mg/kg    RL	mg/kg    RL	mg/kg    RL	mg/kg    RL		
Chloride		394    5.00	63.8    5.00	42.5    5.00	468    5.00		

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.

Since 1990    Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

  
 Brent Barron  
 Odessa Laboratory Director

# Fullerton 14" @ West Eunice

## Job # 2007-049

### 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."	126 ft. Average		0
Well Head Protection	3288 Horiz. Ft.		0
Surface Water Body	563 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
Chlorides (mg/kg)	1000

Remediation Plan:
The areas around the release point and the recovery point will be excavated to their vertical and horizontal extent and sampled for the presence of TPH EPA method (8015M) and Chloride EPA 325.3 or 300.1
Soil with TPH values greater than 1000 mg/kg or chloride values greater than 1000 mg/kg will be transported to the Southern Union Landfarm or remediated on site.
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.