



Remediation Plan

@

Grobe 4"

Project # 2008-030

Unit ltr."A" Section 8 Twns. 24S Range 37E

Lea County, New Mexico

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AUG 28 2008

HOBBS OCD

Site Remediation Plan

Southern Union Gas Services

Grobe 4"

2008-030

Unit ltr. A Section 8, Twns. 24S, Range 37E

Waste Management and Remediation Specialist

Signature Tony Savoie

Date: 8/27/08

Tony Savoie

P.O. Box 1226

Jal, New Mexico 88252

575-631-9376

E-mail: tony.savoie@sug.com

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

FAKED TO DON GREEN
11:30 AM 8 28 08
575 395 9949
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.	575-395-2116
Facility Name	Lea County Field Dept.	Facility Type	Natural Gas Gathering

Surface Owner: Elena Bell Grobe	Mineral Owner: Fee	Lease No. HPI # 30-025-110609
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LOCATION OF RELEASE

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

If a Watercourse was Impacted, Describe Fully.*

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> ENVIRONMENTAL ENGINEER	
Title: Waste Management and Remediation Specialist	Approval Date: 8-28-08	Expiration Date: 9-28-08
E-mail Address: tony.savoie@sug.com	Conditions of Approval: <i>Submitted Final C-141</i> Attached <input type="checkbox"/>	
Date: 8/27/08	Phone: 575-395-2116	

* Attach Additional Sheets If Necessary

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INCLUDE ALL SAMPLING
& BILLS OF LADING FOR HAULED MATERIAL

AUG 28 2008

HOBBS OCD

STATE LAND OFFICE DATA ACCESS

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**NM State Land
and Office**

land details

* Section: * Township: * Range:

Example: 33 09S 26E

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16 Records found.

Unit Boundaries

Unit Letter	Lot	Tract	Qtr/Qtr	Surface Owner	Sub Surface Owner	Acreage	Lease Number	Lease Type	County	Land Restriction	Land Rema
A			NE4NE4	Fee	Fee	40.00	--	--	Lea		
B			NW4NE4	Fee	Fee	40.00	--	--	Lea		
C			NE4NW4	Fee	Federal	40.00	--	--	Lea		
D			NW4NW4	Fee	Federal	40.00	--	--	Lea		
E			SW4NW4	Fee	Federal	40.00	--	--	Lea		
F			SE4NW4	Fee	Federal	40.00	--	--	Lea		
G			SW4NE4	Fee	Fee	40.00	--	--	Lea		
H			SE4NE4	Fee	Fee	40.00	--	--	Lea		
I			NE4SE4	Fee	Fee	40.00	--	--	Lea		
J			NW4SE4	Fee	Fee	40.00	--	--	Lea		
K			NE4SW4	Fee	Fee	40.00	--	--	Lea		
L			NW4SW4	Fee	Fee	40.00	--	--	Lea		
M			SW4SW4	Fee	Fee	40.00	--	--	Lea		
N			SE4SW4	Fee	Fee	40.00	--	--	Lea		
O			SW4SE4	Fee	Fee	40.00	--	--	Lea		
P			SE4SE4	Fee	Fee	40.00	--	--	Lea		

If you have any questions about the data or this site please contact Joe Mraz (jmraz@slo.state.nm.us) of the State Land Office.

Site maintained by the PRRC, webmaster_gotech_prcc@yahoo.com

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 24S Range: 37E Sections: 8

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
☒ All

POD / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

Help

AVERAGE DEPTH OF WATER REPORT 08/27/2008

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	24S	37E	08				1	90	90	90

Record Count: 1

Grobe 4"

Job # 2008-030

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
Action levels	>19	10-19	0-9
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	90 ft.		10
Well Head Protection	1271 Horizontal ft.		0
Surface Water Body	3.40 Horizontal Miles		0
Total Ranking Score			10

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 will be transported to the S.U.G.S. Landfarm
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.

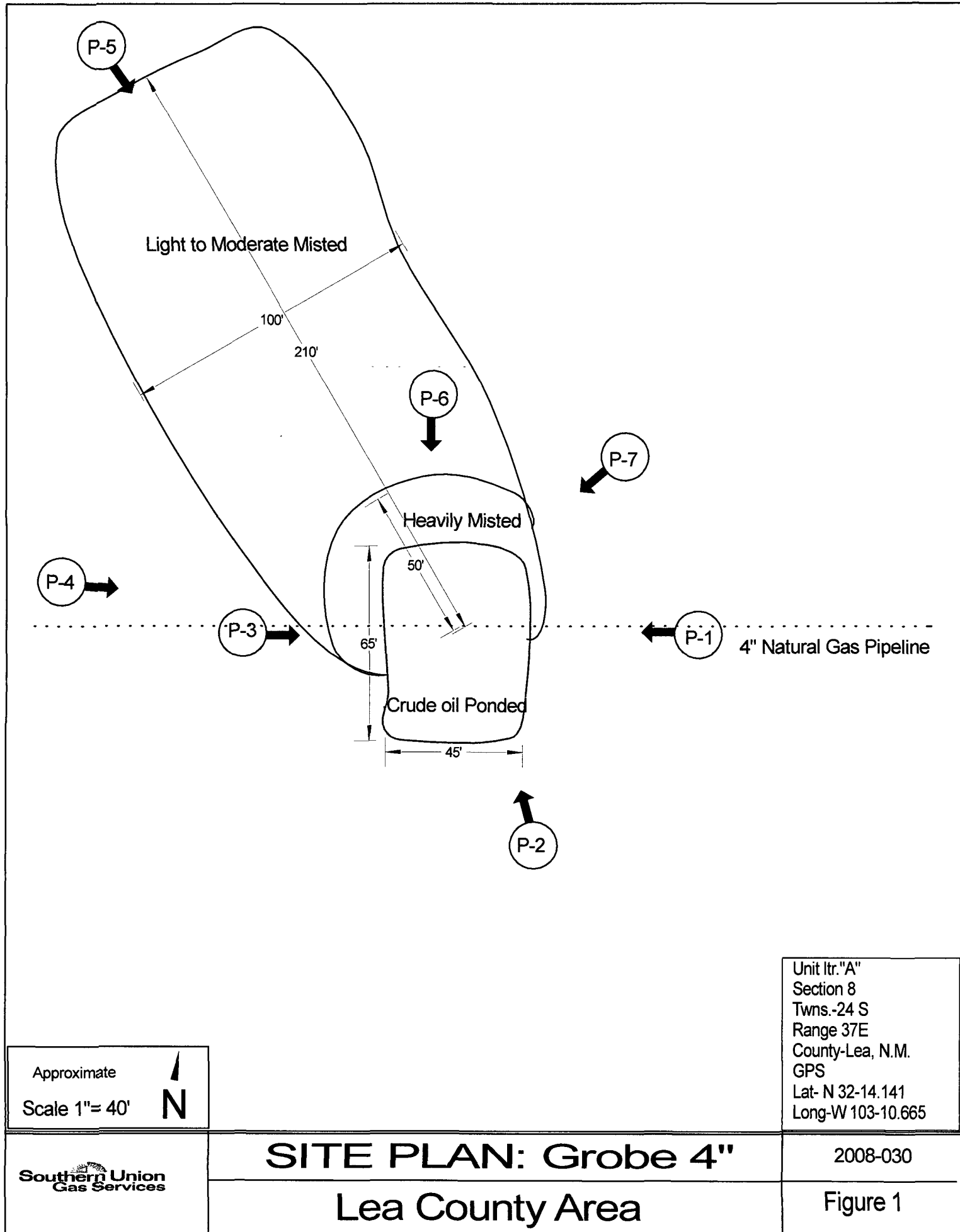




Photo 1

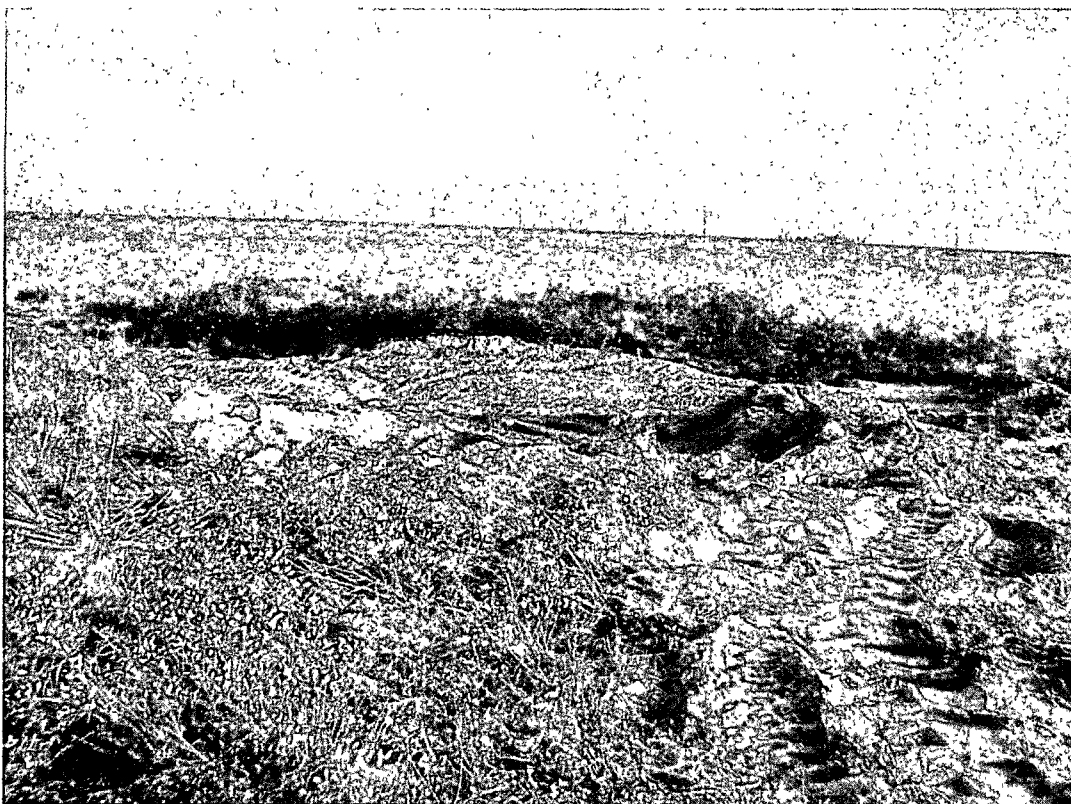


Photo 2

Southern Union Gas Services Site: Grobe 4"
Job # 2008-030
Site Assessment 8/27/08



Photo 3



Photo 4

Southern Union Gas Services Site: Grobe 4"
Job # 2008-030
Site Assessment 8/27/08



Photo 5



Photo 6

Southern Union Gas Services Site: Grobe 4"

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Site Assessment 8/27/08



Photo 7

Southern Union Gas Services Site: Grobe 4"
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