



Southern Union Gas Services

Remediation Plan

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MF-16"

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HOBBSOCD

Project # 2009-005

Unit ltr."N" Section 15 Twns. 21S Range 37E

Lea County, New Mexico

Site Remediation Plan

Southern Union Gas Services
MF-16"
2009-005

Unit ltr. "N" Section 15, Twns. 21S, Range 37E

Waste Management and Remediation Specialist

Signature Tony Savoie

Date: 2/5/09

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

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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.	575-395-2116
Facility Name	Lea County Field Dept.	Facility Type	Natural Gas Gathering

Surface Owner: Millard Deck	Mineral Owner: State	Lease No.
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LOCATION OF RELEASE

Unit Letter N	Section 15	Township 21S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude N32 28.323 Longitude W103 09.211 NEARBY WELL 30-025-09917 00-00

NATURE OF RELEASE

Type of Release : Crude Oil and Natural Gas	Volume of Release: 60 mcf natural gas & 25 bbls crude oil	Volume Recovered 5 bbls
Source of Release : 16" Natural Gas Pipeline	Date and Hour of Occurrence 1/28/09 approx 1:00 p.m.	Date and Hour of Discovery 1/28/09 2:00 p.m.
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? M. Whitaker	
By Whom? Tony Savoie	Date and Hour: 1/28/09 2:25 p.m.	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

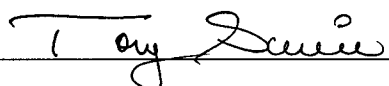
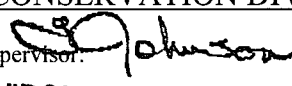
If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The 16" Pipeline operating at approximately 30 p.s.i. developed a leak; a repair crew was dispatched to the facility to shut in the line segment. A vacuum truck was used to pick up all of the free standing liquids; dry dirt was used to absorb the liquid that could not be picked up. The crude oil was 27deg. API gravity. A temporary clamp was installed on the line until permanent repairs can be made.

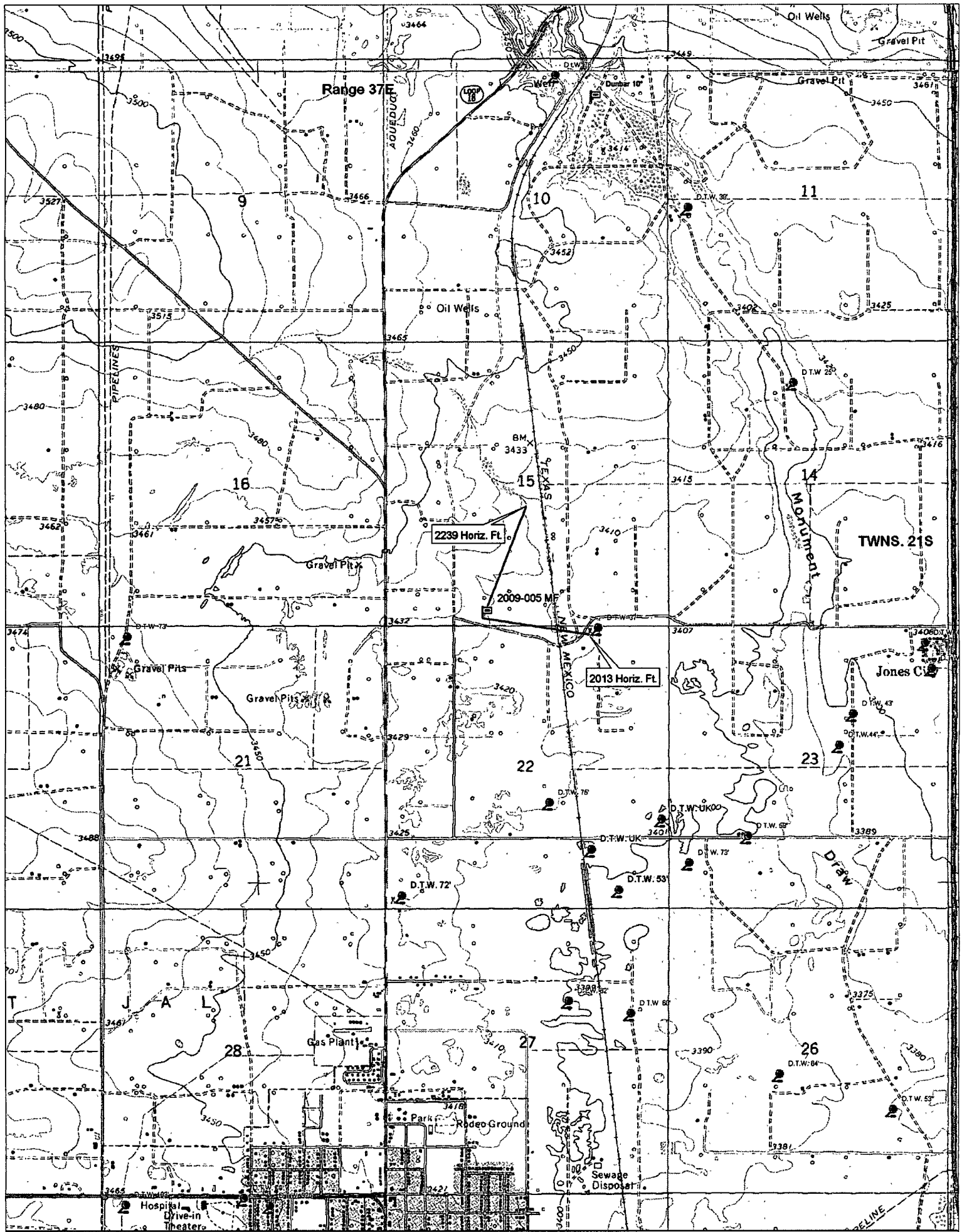
Describe Area Affected and Cleanup Action Taken. An area measuring approximately 3,900 sq. ft. of pasture land was affected by the release. All of the affected release area will be remediated in accordance to the NMOCD guidelines for leaks and spills.

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: 		OIL CONSERVATION DIVISION	
Printed Name: John A. Savoie		Approved by District Supervisor: 	
Title: Waste Management and Remediation Specialist		ENVIRONMENTAL ENGINEER	
E-mail Address: tony.savoie@sug.com		Approval Date: 2-5-09	Expiration Date: 4-8-05
Date: 1/30/09 Phone: 575-395-2116		Conditions of Approval: Submit Final C-141 w/Documentation	
		Attached <input type="checkbox"/> IRP# 09.02.2013	

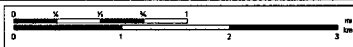
* Attach Additional Sheets If Necessary

FGRL 0905435374



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New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 21S Range: 37E Sections: 14,15,16,21,22,23

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 01/30/2009

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
CP	21S	37E	16				1	70	70	70
CP	21S	37E	22				1	53	53	53
CP	21S	37E	23				2	65	65	65

Record Count: 4

**New Mexico Office of the State Engineer
POD Reports and Downloads**

Township: 21S | Range: 37E | Sections: 14,15,16,21,22,23

NAD27 X: _____ Y: _____ Zone: ☐ Search Radius: _____

County: ☐ Basin: ☐ Number: _____ Suffix: _____

Owner Name: (First) _____ (Last) _____ ☐ Non-Domestic ☐ Domestic

☒ All

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Avg Depth to Water Report

Water Column Report

Clear Form

iWATERS Menu

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WATER COLUMN REPORT 01/30/2009

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water Column
CP 00554	21S	37E	16	2	2					80	70	1
CP 00252	21S	37E	22	4	2	4				106		
CP 00251	21S	37E	22	4	3	2				103		
CP 00881	21S	37E	22	4	4	3				95	53	4
CP 00235	21S	37E	23	1	2	2				81		
CP 00241	21S	37E	23	1	2	4				76		
CP 00240	21S	37E	23	1	2	4				72		
CP 00700	21S	37E	23	2						75	65	1
CP 00239	21S	37E	23	2	1	1				89		
CP 00236	21S	37E	23	2	1	3				83		
CP 00562	21S	37E	23	2	2	1				136	65	7
CP 00014	21S	37E	23	2	3	1				84		
CP 00238	21S	37E	23	2	3	3				81		
CP 00224	21S	37E	23	3	3	4				96		

Record Count: 14

MF-16"

Job # 2009-005

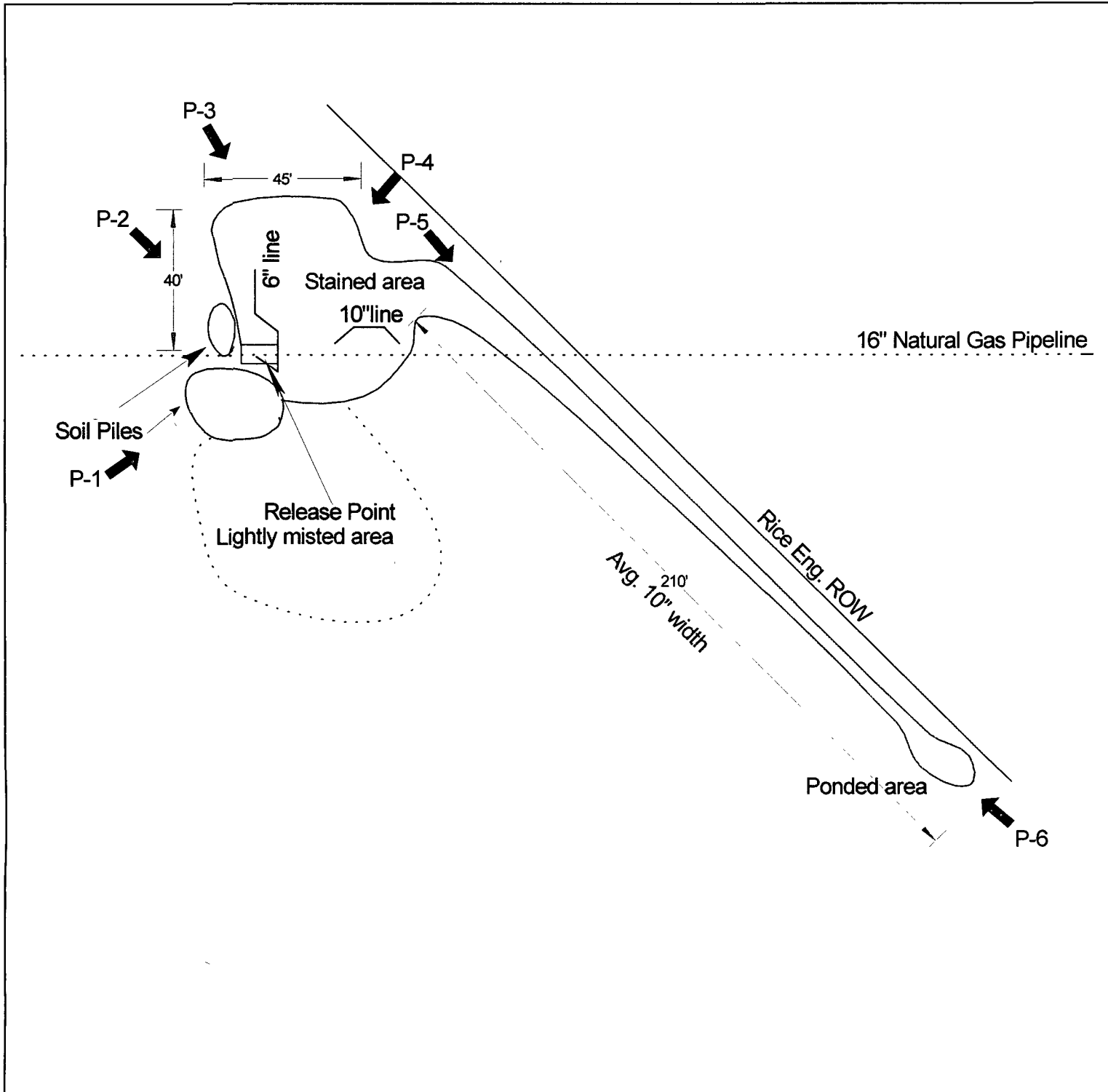
Ranking Analysis

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	<50 ft.		20
Well Head Protection	2013 Horiz. Ft.		0
Surface Water Body	2239 Horiz. Ft.		0
Total Ranking Score			20

Site Closure Objective	
Benzene (mg/kg)	10
BTEX (mg/kg)	50
TPH (mg/kg) "Surface"	100

Remediation Plan:
All affected soil will be excavated and sampled for the presence of Hydrocarbons EPA method (8015M)
Soil with TPH values greater than 100 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)
the soil sample with the highest PID reading and the point of release will be analyzed for BTEX
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.



Approximate
Scale 1"= 40' **N**

Unit ltr."N"
Section 15
Twms.-21S
Range 37E
County-Lea, N.M.
GPS
Lat- N32-28.323
Long-W103-09.211

	SITE PLAN: MF 16"	2009-005
	Lea County Area	Figure 1



Photo 1



Photo 2

Southern Union Gas Services Site: MF-16"
Job # 2009-005
Site Assessment 1/29/09

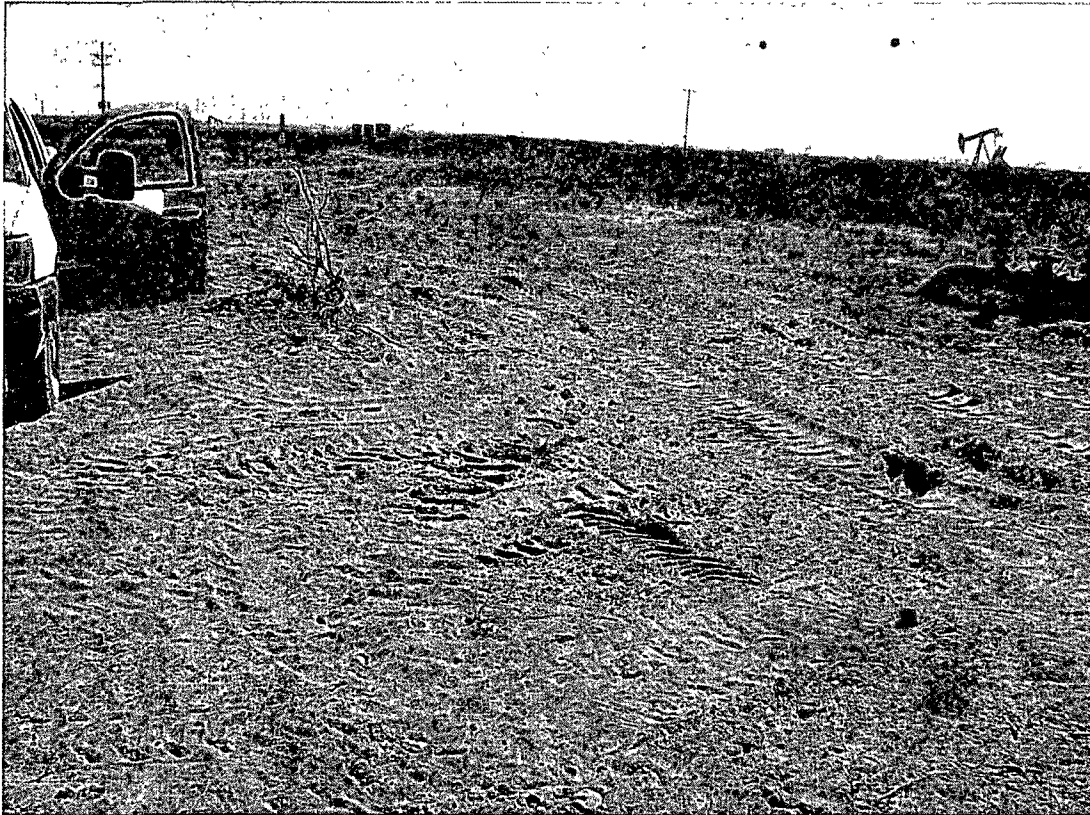


Photo 3



Photo 4

Southern Union Gas Services Site: MF-16"
Job # 2009-005
Site Assessment 1/29/09

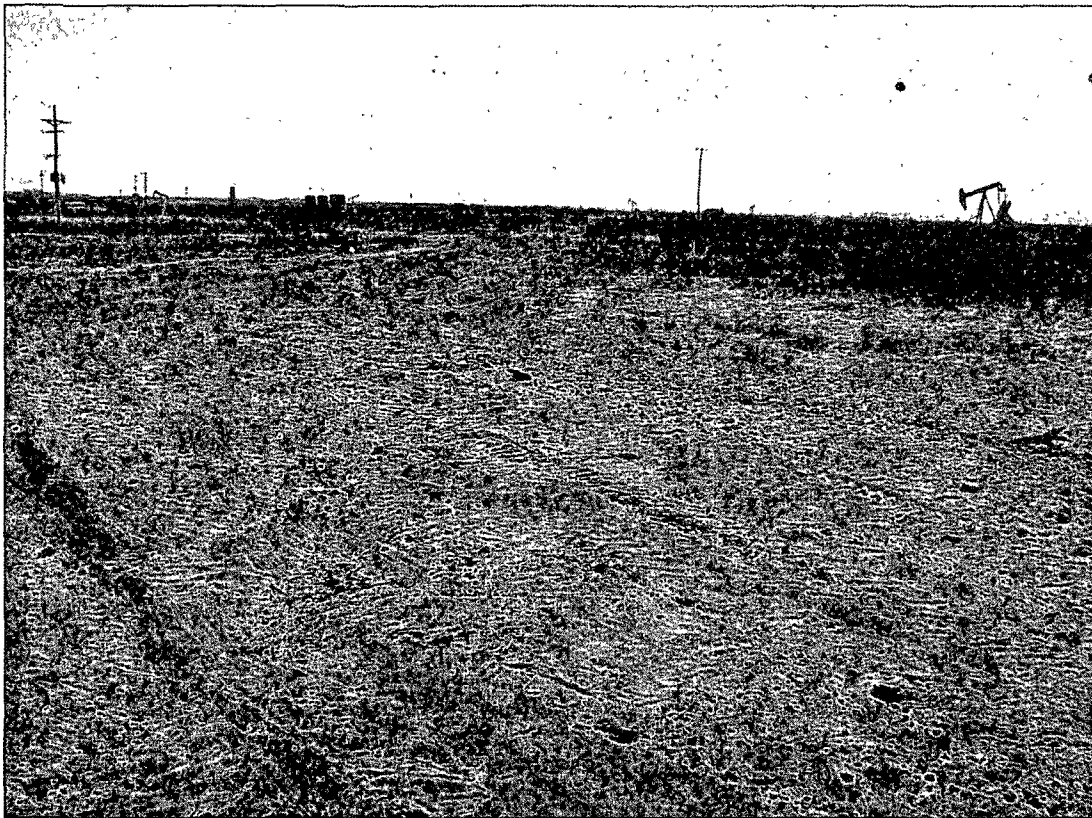


Photo 5

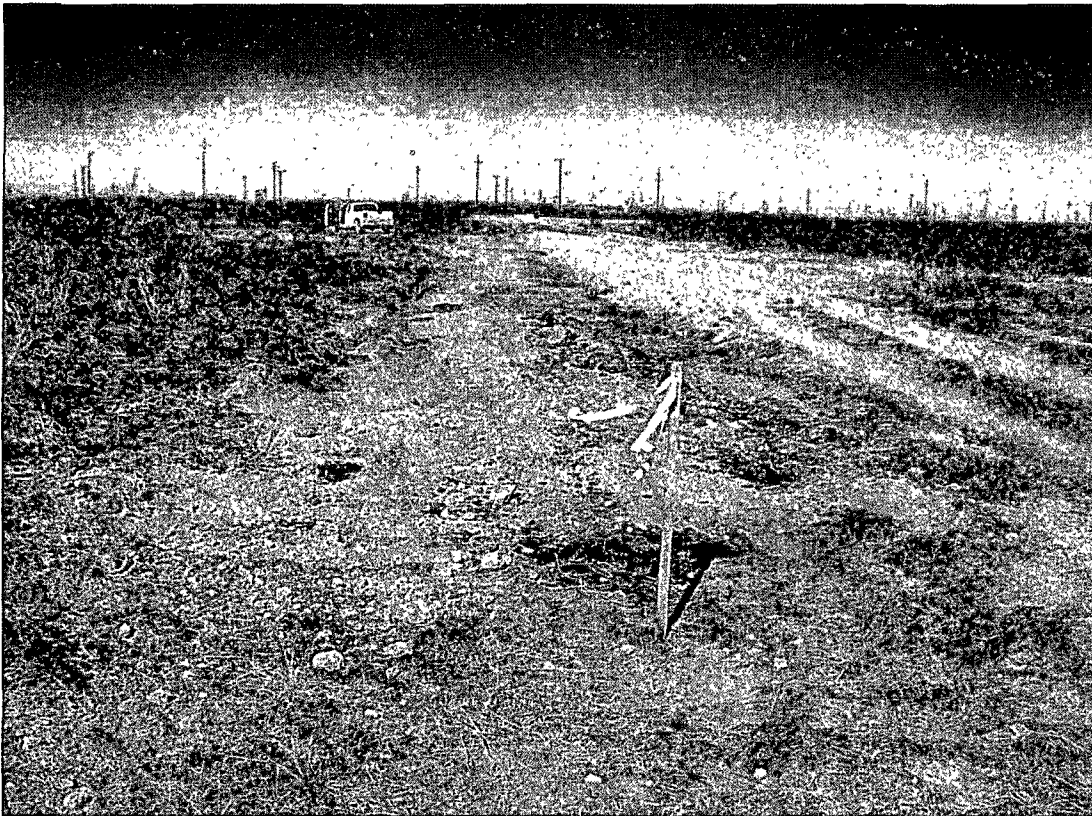


Photo 6

Southern Union Gas Services Site: MF-16"
Job # 2009-005
Site Assessment 1/29/09