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

PGRL \$ 824243257

State of New Mexico 1949
Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141

Revised October 10, 2003

Revised October 10, 2003

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

1220 S. St. Francis Dr., Santa Fe, NM 87505 side of form Santa Fe, NM 87505 Release Notification and Corrective Action **OPERATOR** Final Report Name of Company Southern Union Gas Services, Ltd. Contact Tony Savoie 575-395-2116 Address P.O. Box 1226 Jal, N.M. 88252 Telephone No. Natural Gas Gathering Facility Name Lea County Field Dept. Facility Type Lease No. Surface Owner: Elena Bell Grobe Mineral Owner: Fee LOCATION OF RELEASE Unit Letter Section Township Feet from the North/South Line Feet from the East/West Line Range 8 248 37E Lea A Latitude N32 14.141 Longitude W103 10.665 NATURE OF RELEASE Volume of Release: 10 bbls Type of Release: Natural Gas None Crude Oil and 50mcf natural gas Source of Release: 4" Natural Gas Pipeline Date and Hour of Occurrence Date and Hour of Discovery 8/26/08 Unknown Time: 9:10 a.m. If YES, To Whom? Buddy Hill NMOCD Was Immediate Notice Given? Date and Hour: 8/26/08 9:12 a.m. By Whom? Was a Watercourse Reached? If YES, Volume Impacting the Wat PIPELINE LEAK INFO (C-141) Line size, Normal operating PSI, Daily thruput, ☐ Yes ☒ No H2S ppm, Line depth, Gravity (if oil), If a Watercourse was Impacted, Describe Fully.* DIST | RERD field gathering line or transmission, areal dimensions of liquid spill, year of installation 1NFO ON 57 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. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: ENVIRONMENTAL ENGINEER John A. Savoie Printed Name: Approval Date: 8 . Z8 . O8 Expiration Date: 9 . Z8 . D8 Title: Waste Management and Remediation Specialist Conditions of Approval: E-mail Address: tony.savoie@sug.com Attached |

SUBMIT FIRENCE C. 141 BU

(NCLUDE ALL SAMPLING

& BILLS OF LADERS FOR BOMULED MATTERONG

HOBBS OCD

Phone: 575-395-2116

Date: 8/27/08

Attach Additional Sheets If Necessary

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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**

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Form C-141 Revised August 8, 2011

RP#: 1940

Oil Conservation Division 1220 South St. Francis Dr.

1220 0. 00. 11411	eis Dr., Sunt	110,111110700		Sa	anta F	e, NM 8/5	05					
			Rele	ease Notific	catio	n and Co	orrective A	ction				
						OPERA'	ГOR	Г] Initia	al Report	\boxtimes	Final Report
Name of Co	ompany	Southe	rn Union C	Sas Services		Contact				se Slade		Time report
Address		801 S.	Loop 464,	Monahans, TX 79	9756	Telephone No. 817-302-9716						
Facility Nat	ne	Grobe	4" (8/26/08	3)		Facility Typ	e		Nat	ural Gas Ga	thering	
Surface Ow	nor: Flan	Pall Craha		Mineral C	Junar	Fee			A DI Mo	. 30-025-2	0000	
Surface Ow	ner. Elena	a bell Grobe		Milleral C) wher	ree			APINO	. 30-025-2	5822	
						N OF RE	LEASE					
Unit Letter A	Section 8	Township 24 S	Range 37 E	Feet from the	North	h/South Line	Feet from the	East/Wes	st Line	County	Lea	
				Latitude N32	° 14.14	1' Longitud	e W103° 10.665	5'				
				NAT	URF	E OF REL	EASE					
Type of Rele	ase : Natu	ıral Gas					Release: 10 bbls		olume F	Recovered	No	ne
Source of Re	lease · 4"	Natural Gas I	Pineline				and 50 mcf natural		ate and	Hour of Dis	coverv	08/26/08
			претте			Unknown		T	ime: 9:10		covery	00/20/00
Was Immedi	ate Notice (Yes [No Not R	equirec		Whom? Buddy	Hill NMOC	CD			
By Whom?						Date and I		9:12 a.m.				
Was a Water	course Read		Yes 🗵	No No		If YES, Vo	olume Impacting t	the Waterco	ourse.			
		pacted, Descr										
A 4" Natural	gas pipeline	em and Reme leaked releas "steel line wi	ing natura	I gas and crude oi	I. The I	ine was blocke	d in and blown do	wn. Permai	nent repa	airs will be m	nade by	replacing
Describe Are	a Affected	and Cleanup	Action Tal	ken.*								W
All clean-up a	actions are o	completed. Se	e attached	I summary.								
regulations a public health should their or the envige	or the envi operations h	are required to ronment. The nave failed to	o report and acceptant adequately OCD accep	e is true and comp nd/or file certain r ce of a C-141 repo v investigate and r otance of a C-141	release ort by t remedia	notifications a he NMOCD mate contaminat	nd perform correct arked as "Final R on that pose a thr	ctive action deport" does reat to grou	s for relations not relations in the second	eases which ieve the open r, surface wa	may en rator of ater, hu	ndanger f liability man health
Signature:	X ₀	8 C	De	L			OIL CON		TION	DIVISIO	<u>N</u>	
Printed Name	e:	Rose Sla	ade			Approved by	Environmental S	pecialist:				
Title:		EHS Co	mpliance S	Specialist		Approval Da	te:	Exp	piration	Date:		
E-mail Addre	ess:	rose.slad	de@sug.co	om		Conditions o	f Approval:			Attached		

Phone: 817-302-9716

* Attach Additional Sheets If Necessary

Date:

Site Name: Grobe 4" RP #: 1940

I. Clean-up Criteria Based on Ranking Analysis

Site Ranking		Points
Depth to Ground Water	90 ft. Average	10
Well Head Protection	1271 Horizontal ft.	0
Surface Water Body	3.40 Horizontal Miles	0
	Total Ranking Score	10

	Benzene (mg/kg)	BTEX (mg/kg)	TPH (mg/kg) "Surface"	Chlorides (mg/kg)
Site Closure Objective	10	50	1000	500

II. Area Affected and Clean-up Action Taken

Date	Action
08/26/2008	Discovery & initial visual assessment. 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.
08/27/2008	Clear vegetation
09/23/2008	Run locator, excavate and stockpile soil, load and haul contaminated soil to SUGS landfarm.
09/24/2008	Excavate and stockpile soil, load and haul contaminated soil to SUGS landfarm. Repair pipeline with clamp.
09/25/2008	Collect samples, run PID, jar samples and deliver to lab. Soil removal complete. Total of 240 cu.yds. contaminated soil hauled to SUGS landfarm cell #8.
10/03/2008	Backfill with 252 cu.yds. clean soil from Grobe Pit, compact soil; demob equipment.

III. Additional Supporting Documentation:

- A. Table 1: Summary of Laboratory Results
- B. Site Diagram
- C. Initial C-141 Submittal
 - i. Initial C-141 Report
 - ii. Remediation Plan Cover Page
 - iii. Site Remediation Plan Cover Page
 - iv. Site Topography Map
 - v. POD Reports and Downloads
 - vi. State Land Office Data Access: Land Details
 - vii. Ranking Analysis
 - viii. Site Diagram
 - ix. Site Photographs
- D. Lab Reports
- E. Daily Time Ticket Summary and copy of Daily Time Tickets

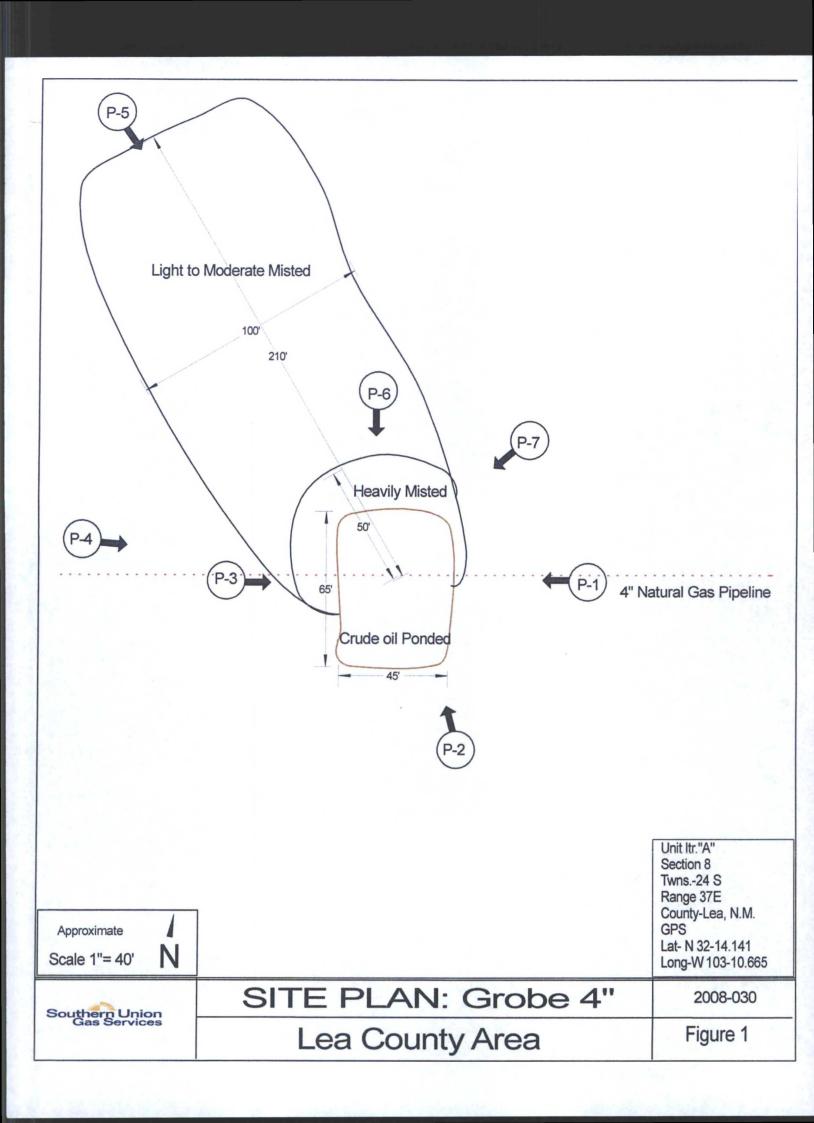
Table 1. Summary of Analytical Results Site Name: Grobe 4"; SUGS#: 2008-030; RP#: 1940 Southern Union Gas Services

		Me	ethod SW-80	015b		Met	hod SW 846-8	3021b		SM 4500
Sampling Date Sample ID/Location		GRO C6-C12 mg/kg	DRO >C12-C-35 mg/kg	C12-C-35 C6-C35		Toluene mg/kg	Ethylbenzene mg/kg	Xylenes mg/kg	Total BTEX mg/kg	Chloride mg/kg
NMOCD SCREENING CRITERIA				1000	10		·		50	500
09/25/08	PR @ 8'	< 25	< 25	< 25	< 0.050	< 0.050	< 0.050	< 0.150	< 0.150	NA
09/25/08	B-COMP.	< 25	< 25	< 25	NA	NA	NA	NA	NA	NA
09/25/08	EW-COMP.	< 25	< 25	< 25	NA	NA	NA	NA	NA	NA
09/25/08	SW-COMP.	< 25	< 25	< 25	NA	NA	NA	NA	NA	NA
09/25/08	WW-COMP.	< 25	< 25	< 25	NA	NA	NA	NA	NA	NA
09/25/08	NW-COMP.	< 25	< 25	< 25	NA	NA	NA	NA	NA	NA

Notes:

NA = Not Analysed

ND = Analyte was not detected





Remediation Plan

@

Grobe 4"

Project # 2008-030

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

Lea County, New Mexico

Site Remediation Plan

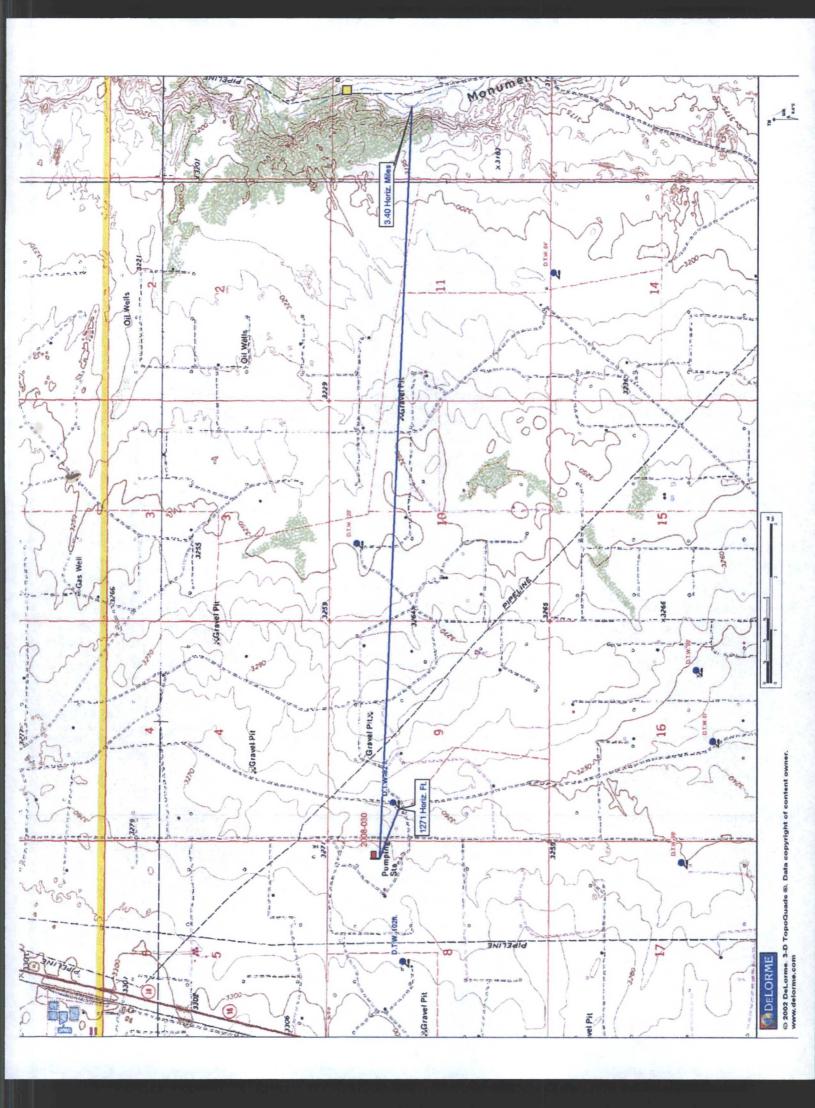
Southern Union Gas Services Grobe 4" 2008-030

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

Waste Management and	Remediation Specialist
Signature	
Date:	

Tony Savoie P.O. Box 1226 Jal, New Mexico 88252 575-631-9376

E-mail: tony.savoie@sug.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)	(La	est)	O Non-Domestic	ODomestic
POD / Su	urface Data Report Wate	Avg er Column Report iWATERS Mer)

AVERAGE DEPTH OF WATER REPORT 08/27/2008

								(Depth	Water in	Feet)
Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	Min	Max	Avg
CP	245	37E	08				1	90	90	90

Record Count: 1

STATE LAND OFFICE DATA ACCESS

Select a different page......



Go Tech

NM State Land and Office

land details

* Section: 8

* Township: 24s *

Example:

Search

Reset

Printer Friendly

Download

Instructions

Give Feedback

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		
В			NW4NE4	Fee	Fee	40.00			Lea		
С			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		
Н			SE4NE4	Fee	Fee	40.00			Lea		
1			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	1 (1)	
M			SW4SW4	Fee	Fee	40.00			Lea		
N			SE4SW4	Fee	Fee	40.00		'	Lea		
0			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 t State Land Office.

Site maintained by the PRRC, webmaster gotech_prrc@yahoo.com

Grobe 4"
Job # 2008-030
Ranking Analysis

		1 404111	ilig Allulysis		
NMOCD Standards					Points
Depth to Ground Wa	ter	Greater than 10	00 ft.		0
Depth to Ground Wa	ter	Less than 100 f	t. but greater than 50 ft.		10
Depth to Ground Wa	ter	Less than 50 ft.			20
Well Head Protection	1	Less than 1000	ft. from a water source, or;	Yes	20
		Less than 200 f	t. from private domestic water source	No	0
Distance to Surface	water body	Less than 200 l	lorizontal. ft.		20
Distance to Surface	water body	200 to 1000 Ho	rizontal ft.		10
Distance to Surface	water body	Greater than 10	000 Horizontal ft.		0
Action levels	>19	10-19	0-9		
Benzene (mg/kg)	10	10	10		
BTEX (mg/kg)	50	50	50		100
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.

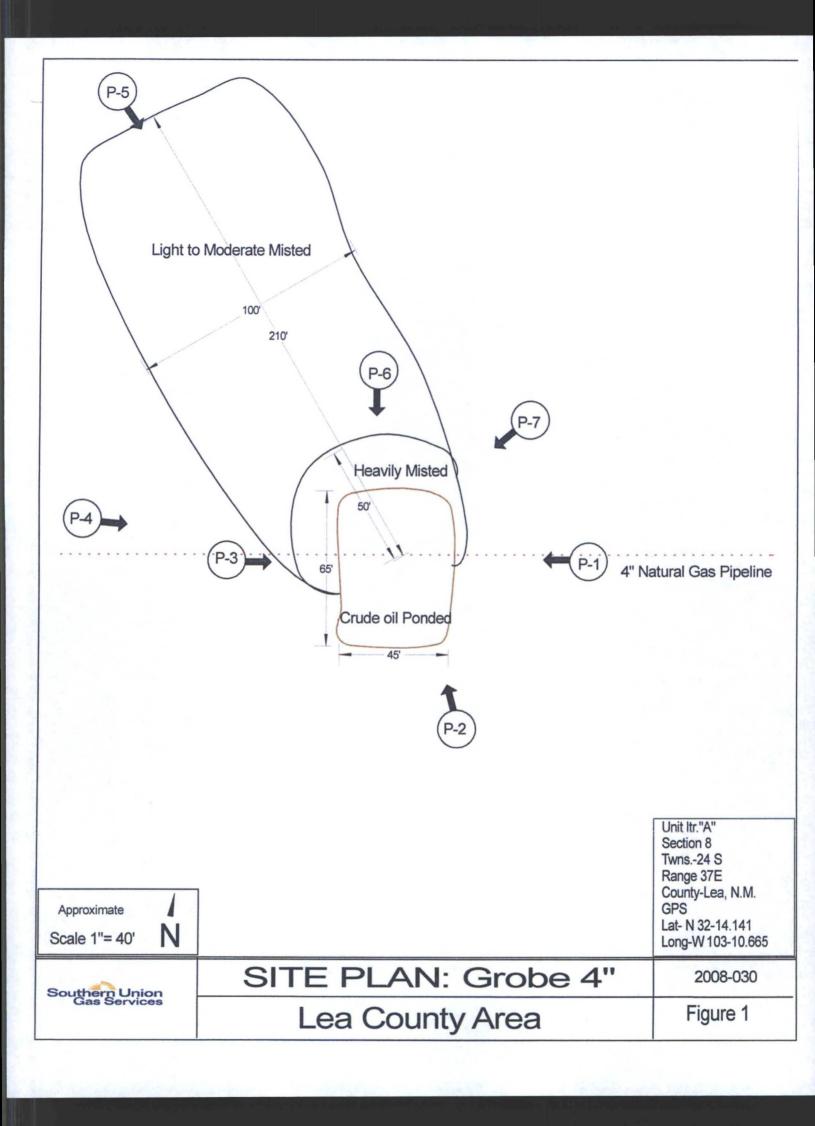




Photo 1



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



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



Photo 7

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



ANALYTICAL RESULTS FOR SOUTHERN UNION GAS SERVICES ATTN: TONY SAVOIE P.O. BOX 1226 JAL, NM 88252

Receiving Date: 09/26/08

Reporting Date: 09/29/08 Project Number: 2008-030

Project Name: 6" LATERAL - GROBE

Project Location: GROBE RANCH

Sampling Date: 09/25/08

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: AB

GRO DRO (C_6-C_{10}) $(>C_{10}-C_{28})$ (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS [DATE	09/27/08	09/27/08
H15990-1	PR @ 8'	<25.0	<25.0
H15990-2	B-COMP.	<25.0	<25.0
H15990-3	EW-COMP.	<25.0	<25.0
H15990-4	SW-COMP.	<25.0	<25.0
H15990-5	WW-COMP.	<25.0	<25.0
H15990-6	NW-COMP.	<25.0	<25.0
Quality Cont	rol	551	441
True Value (QC	500	500
% Recovery		110	88.2
Relative Per	cent Difference	12.4	19.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Chemist

09/2968 Date

H15990 T SUGS

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ANALYTICAL RESULTS FOR SOUTHERN UNION GAS SERVICES ATTN: TONY SAVOIE P.O. BOX 1226

Receiving Date: 09/26/08 Reporting Date: 09/29/08

Project Number: 2008-030

Project Name: 6" LATERAL - GROBE Project Location: GROBE RANCH

Sampling Date: 09/25/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML

Analyzed By: ZL

ETHYL TOTAL BENZENE TOLUENE BENZENE XYLENES LAB NUMBI SAMPLE ID (mg/kg) (mg/kg) (mg/kg) (mg/kg)

JAL, NM 88252

ANALYSIS DATE	09/27/08	09/27/08	09/27/08	09/27/08
H15990-1 PR @ 8'	<0.050	<0.050	<0.050	<0.150
Quality Control	0.051	0.045	0.046	0.158
True Value QC	0.050	0.050	0.050	0.150
% Recovery	102	90.0	92.0	105
Relative Percent Difference	3.1	0.2	0.2	0.2

METHOD: EPA SW-846 8021B

TEXAS NELAP CERTIFICATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,

AND TOTAL XYLENES.

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

ompany Name: SW.G.S.	BILL TO	ANALYSIS REQUEST	
roject Manager: Tony Savois	P.O. #:	19	
ddress: 610 COMMERCE PO.Box 1226	Company:		
ity: Jo L State: NM Zip: 88252	Attn:		
hone #: \$75-395-2/16 Fax#:	Address:		
roject #: 2008-030 Project Owner:	City:	- 77	
roject Name: 6" LATERAL - GRobe	State: Zip:	Y.M.	
roject Location: GRobe BANCB	Phone #:		
,	Fax #:	5/	
	PRESERV. SAMPLING	03	
Сатры П. О. Сатры П. О. Сомтычете В Сомты	CE) COOL CIDIBASE: COTOBASE: COTOBAS	X 318,	
2	9-2508	2	
Comm			The second secon
3			
9.	-	7	
1		7	
-6 NW-Comp. CI	: 2		
1.EASE NOTE: Labelity and Oarnages. Caronal's labelity and cherit's exclusive remedy for any claim airing whether based in contract or fort, shall be inmed to the amount paid by the cleant for the claims. An characteristic for negrigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable provided as a state of the magnetic or characteristic	act or fort, shall be limited to the amount paid by the cleant and received by Cardmal within 30 days after completion is also less of profession to the shall be shall be subjected in the shall be shall be subjected to the shows clean of the shows cleant research or plant.	for the Terms and Conditions: Interest will be chatged on all accounts more than 30 days past due at the rate of 24% por annum from the original date of invoice and all costs of collections, including attorney's fees.	more than date of invoico,
Sampler Relinquished: 9-25-08 Received By: Tiling: 37 Moth K	M Phone Result: Fax Result: REMARKS:	Result: ☐ No Add'l Phone #: sult: ☐ No Add'l Fax #: tKS:	
Relinquished By: Date: Received By:			
Delivered By: (Circle One) Sample Condition Cool Intage Sampler - UPS - Bus - Other:	ndition CHECKED BY: CK (Initials) Yes No		

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

Daily Time Ticket Summary Company **Southern Union Gas Services** State Location Walking G Ranch Charge 2008-030 Job Number PO# 61611 **Date Description of Work** 8/27/2008 Move shinnery and vegetation Run Locator 9/23/2008 Excavate and stockpile soil Load and haul contaminated soil to land farm Excavate and stockpile soil 9/24/2008 Load and haul contaminated soil to land farm Clamp leaks Collect samples Run P.I.D. 9/25/2008 Jar samples Deliver samples to lab Push up soil 10/3/2008 Load, haul, backfill, and compact soil Haul equipment to Jal yard

OCOTILLO ENVIRONMENTAL, LLC P.O. BOX 1816 • HOBBS, NM 88241 • PHONE (505) 393-6371

Company Southern Union GAS SE	AVICES	Date8-2708
Location WALKing & Ranch Charge 2008-030	,	StateState
Job:# PO# 61611	Travel Time	
Description of Work Mow ShinNERY + VE	SETATION	

, u

OCOTILLO ENVIRONMENTAL, LLC P.O. BOX 1816 • HOBBS, NM 88241 • PHONE (505) 393-6371

No 7463

Company SOUTHERN UNION GAS SERVICES	Date
Location &" LATENAL ON GROBE RANCH	State N.M.
Charge 2008-030	
Job # Po # 6/6/1/ Travel Time	
Description of Work Run Locator, EXCAUNTE & STOCKPIL	LE soil, Londo houl continuation
SOIL TO LAND FARM	

4

OCOTILLO ENVIRONMENTAL, LLC P.O. BOX 1816 • HOBBS, NM 88241 • PHONE (505) 393-6371

PANICES Date 9-24-08	company SouthERN UNION G-BS ST
RANCH State NM	ocation 6" LATERAL ON BROBE
	harge 2008-030
Travel Time	ob # Po # 6/6//
LE soil. Load soil & haul to LAND FBAN	escription of Work EXCAVATE + STOCK pil
	CLAMP LEAKS
	COMPY DEMIS

OCOTILLO ENVIRONMENTAL, LLC P.O. BOX 1816 • HOBBS, NM 88241 • PHONE (505) 393-6371

No



Company Sout MERN UNION GAS SERVILES	Date _	9-25-	08
Location 6" LATERAL ON GROBE BONCH	State	N.M	
Charge 2008 - 0 30			
Job # Po # 6/6// Travel Time			-
Description of Work Collect samples, Run P.ID., JAR SMAPLES.	of d	ELILEA	To Lob.

OCOTILLO ENVIRONMENTAL, LLC P.O. BOX 1816 • HOBBS, NM 88241 • PHONE (505) 393-6371



Company SouthERN ZINION GAS SERVICES	Date 10 - 3 - 08
Location 4C4-6" - GRODE	State
Charge	
Job # Po # 6/6/11 Travel Time	
Description of Work Pushup soil Lond, haul, BACKFILLA	COMPACTSOIL. BAYL
EQUIPMENT TO THE VARD	
REGILLARTIME	OVERTIME