



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pPAC0627638110

1RP - 1063

SOUTHERN UNION GAS COMPANY

2/12/2016

HOBBS OCD

RECEIVED

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
JAN 17 2010
Energy Minerals and Natural Resources
Oil Conservation Division
RECEIVED 20 South St. Francis Dr.
Santa Fe, NM 87505

JUL 14 2010
HOBBSOCD

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	Contact	Rose Slade
Address	P.O. Box 1226 Jal. New Mexico 88252	Telephone No.	432-940-5147
Facility Name	G-Loop Line 8-Inch Lateral	Facility Type	Natural Gas Pipeline
Surface Owner	El Paso Natural Gas	Mineral Owner	
		Lease No.	30-025-38877

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	7	26S	37E					Lea

Latitude 32.06025 Longitude 103.119775

NATURE OF RELEASE

Type of Release	Crude Oil and Produced Water	Volume of Release	6 BBLS	Volume Recovered	0 BBLS
Source of Release	8-Inch Steel Pipeline	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	July 1, 2010, 1140 hrs
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour			
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.* Internal Corrosion caused a failure of an 8-inch steel pipeline, resulting in a surface stain of approximately 1,000 square feet. The pipeline was fitted with a temporary pipeline clamp to mitigate the release. No H2S was detected from the release.					
Describe Area Affected and Cleanup Action Taken.* An area measuring approximately 1,500 square feet was affected by the release. Clean sorb was applied to the surface stain to further stabilize the release and absorbent booms were installed in low areas along the fence line to minimize the potential for travel outside the station during a rain event. The release will be remediated according to NMOCD regulatory guidelines.					
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>Rose L. Slade</i>	OIL CONSERVATION DIVISION	
Printed Name: Rose L. Slade	Approved by District Supervisor <i>[Signature]</i> ENVIRONMENTAL ENGINEER	
Title: EHS Compliance Specialist	Approval Date: 7.13.10	Expiration Date: 7.13.10
E-mail Address: rose.slade@sug.com	Conditions of Approval.	
Date: 7/9/2010 Phone: 432-940-5147	Submitted Final C-141 w/Docs By <i>[Signature]</i> Attached <input type="checkbox"/> IRP# 10-7-2581	

* Attach Additional Sheets If Necessary

INCD NLT 1019432769
ADM PLW 1019433095

District I
1625 N. French Dr., Hobbs, NM 88240
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

HOBBS OCD

JAN 17 2013

Form C-141
Revised October 10, 2003

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

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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: D.K. Boyd	Mineral Owner: Federal	Lease No.	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	35	26S	37E					Lea

Latitude N32 00.208 Longitude W103 08.208

NATURE OF RELEASE

Type of Release : Crude oil, water and natural gas	Volume of Release: 83 mcf gas, 50 bbls water and crude oil	Volume Recovered	40 bbls
Source of Release	Pipeline	Date and Hour of Occurrence	Date and Hour of Discovery 9/26/06 Time: 11:00 a.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:	9/26/06 11:57 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.*

The 8" steel gathering pipeline, operating at 25 psi developed a leak, the line was excavated and the affected area was replaced with approximately 45 ft. of 8" poly pipe. Approximately 40 bbls of pipeline liquids were recovered at the time of the response and repair operations. 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 800 sq. ft. was affected by the release and response activities. Remediation activities will start after the landowner has approved the remediation plan. 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:	
Title: EH&S Comp. Coord.	Approval Date:	on Date:	
E-mail Address: tony.savoie@sug.com	Conditions of A	Attached <input type="checkbox"/>	
Date: 9/29/06	Phone: 505-395-2116		

* Attach Additional Sheets If Necessary

incident - n PAC0627637960
application - p PAC0627638110

SUG
CAMILLE
NOVA
11/17/13
MTC

RP# 1063

TABLE 1

CONCENTRATIONS OF BTX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
2C 8 INCH LINE RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # 1RP-1063

All concentrations are reported in mg/kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b						METHOD: SW 8015M				E 300.1 CHLORIDE
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	
Background	12/11/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.0	<25.0	<25.0	<25.0	39.6
RP @ 15'	12/12/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<28.1	<28.1	<28.1	<28.1	118
S S/W @ 14'	12/12/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<28.1	<28.1	<28.1	<28.1	135
S S/W-1 @ 14'	12/12/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.5	<27.5	<27.5	<27.5	70.9
RP-1 @ 15'	12/12/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.8	<27.8	<27.8	<27.8	113
N S/W-1 @ 14'	12/19/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	100
N S/W @ 14'	12/19/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.5	<27.5	<27.5	<27.5	21.3
F1 @ 10'	12/20/12	0.00103	<0.00200	<0.00100	<0.00200	<0.00100	0.00103	<27.5	<27.5	<27.5	<27.5	33.3
F2 @ 10'	12/20/12	0.00181	<0.00200	<0.00100	<0.00200	<0.00100	0.00181	<27.8	<27.8	<27.8	<27.8	25
N S/W 3 @ 9'	12/20/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	2.59
N S/W 2 @ 9'	12/20/12	0.00158	<0.00200	<0.00100	<0.00200	<0.00100	0.00158	<27.2	<27.2	<27.2	<27.2	8.14
E S/W @ 14'	12/20/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	12.5
W S/W @ 14'	12/20/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	36.1
SP	12/26/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	59.1

HOBBS OCD

JAN 17 2013

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TABLE 1

CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

HOBBS OGD

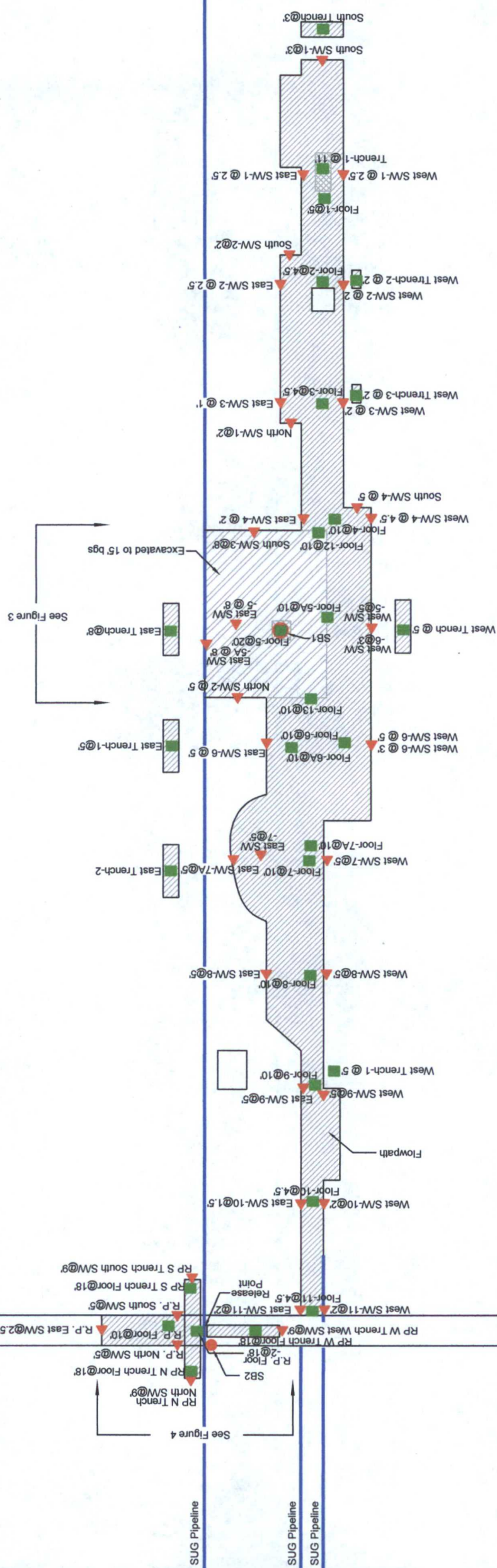
SOUTHERN UNION GAS SERVICES
G-LOOP LINE 8 INCH LATERAL HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # IRP-2581

JAN 17 2013

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All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b					METHOD: SW 8015M					E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	
RP @ 4'	01/07/13	<0.00107	<0.00214	<0.00107	<0.00214	<0.00107	<0.00214	<16.0	<16.0	<16.0	<16.0	18.1
N S/W @ 3'	01/08/13	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<15.8	<15.8	<15.8	<15.8	3.25
E S/W @ 3'	01/08/13	<0.00107	<0.00215	<0.00107	<0.00215	<0.00107	<0.00215	<16.1	<16.1	<16.1	<16.1	129
S S/W @ 3'	01/08/13	<0.00117	<0.00235	<0.00117	<0.00235	<0.00117	<0.00235	<17.7	<17.7	<17.7	<17.7	1.51
W S/W @ 3'	01/08/13	<0.00106	<0.00212	<0.00106	<0.00212	<0.00106	<0.00212	<16.0	<16.0	<16.0	<16.0	33.4
SP-1	01/08/13	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.6	290	<15.6	290	40.1



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JAN 17 2013

HOBBS OCD

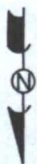


TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
TRUNK "O" BENNETT ROAD 5-7-12 RELEASE SITE
LEA COUNTY, NEW MEXICO

HOBBS OCD

JAN 17 2013

RECEIVED

All concentrations are reported in mg/Kg

SAMPLE LOCATION		SAMPLE DATE	METHODS: SW 846-8021b					METHOD: SW 8015M					E 300.1 CHLORIDE
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	
NMOCD Regulatory Limit			10	-	-	-	-	50	-	-	-	5,000	-
	South S/W-1 @ 3'	05/23/12	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<16.5	<16.5	<16.5	<16.5	448
	West S/W-1 @ 2.5'	05/23/12	<0.00101	<0.00201	0.00438	<0.00201	0.00203	0.00641	<15.1	<15.1	<15.1	<15.1	65.9
	East S/W-1 @ 2.5'	05/23/12	<0.00110	<0.00220	<0.00110	<0.00220	<0.00110	<0.00220	<16.6	<16.6	<16.6	<16.6	12.7
	Floor-1 @ 5'	05/23/12	<0.00107	<0.00214	<0.00107	<0.00214	<0.00107	<0.00214	<16.1	<16.1	<16.1	<16.1	364
	Trench-1 @ 11'	05/23/12	<0.00105	<0.00210	<0.00105	<0.00210	<0.00105	<0.00210	<15.9	<15.9	<15.9	<15.9	448
	West S/W-2 @ 2'	05/23/12	<0.00101	<0.00203	<0.00101	<0.00203	<0.00101	<0.00203	<15.3	<15.3	<15.3	<15.3	328
	Floor-2 @ 4.5'	05/23/12	<0.00104	<0.00209	<0.00104	<0.00209	<0.00104	<0.00209	<15.5	31.2	<15.5	31.2	5.02
	East S/W-2 @ 2.5'	05/23/12	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<15.7	<15.7	<15.7	<15.7	5.32
	Floor-3 @ 4.5'	05/23/12	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<15.6	41.8	<15.6	41.8	18.9
	East S/W-3 @ 1'	05/23/12	<0.00503	<0.0101	<0.00503	<0.0101	<0.00503	<0.0101	<15.0	<15.0	<15.0	<15.0	8.0
	West S/W-3 @ 2'	05/23/12	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<15.9	25.2	<15.9	25.2	358
	East S/W-4 @ 2'	05/23/12	<0.00104	<0.00208	<0.00104	<0.00208	<0.00104	<0.00208	<15.6	<15.6	<15.6	<15.6	92.2
	Baseline	05/23/12	-	-	-	-	-	-	922	10,800	1,320	13,000	522
	West S/W-6 @ 3'	05/30/12	<0.00123	<0.00247	<0.00123	<0.00247	<0.00123	<0.00247	<14.9	<14.9	<14.9	<14.9	15.6
	Floor-4 @ 10'	05/30/12	<0.00605	<0.0121	<0.00605	<0.0121	<0.00605	<0.0121	<15.0	15.6	<15.0	15.6	84.8
	Floor-5 @ 20'	06/04/12	<0.00107	<0.00215	<0.00107	<0.00215	<0.00107	<0.00215	<16.1	<16.1	<16.1	<16.1	2,100
	East S/W-5 @ 8'	06/04/12	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<15.5	<15.5	<15.5	<15.5	5,700
	East Trench @ 8'	06/04/12	<0.00104	<0.00209	<0.00104	<0.00209	<0.00104	<0.00209	<15.6	<15.6	<15.6	<15.6	15.8
	Floor-6 @ 10'	06/05/12	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<16.1	<16.1	<16.1	<16.1	771
	East S/W-6 @ 5'	06/05/12	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.6	<15.6	<15.6	<15.6	365
	East Trench -1 @ 5'	06/05/12	<0.00588	<0.0118	<0.00588	<0.0118	<0.00588	<0.0118	<17.8	<17.8	<17.8	<17.8	12.5
	West S/W-4 @ 4.5'	06/06/12	<0.00099	<0.00198	<0.00099	<0.00198	<0.00099	<0.00198	<15.0	<15.0	<15.0	<15.0	34.9
	Floor-5A @ 10'	06/06/12	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.7	<15.7	<15.7	<15.7	510
	West S/W-5 @ 5'	06/06/12	<0.00106	<0.00212	<0.00106	<0.00212	<0.00106	<0.00212	<15.9	<15.9	<15.9	<15.9	590
	West Trench @ 5'	06/06/12	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<15.5	<15.5	<15.5	<15.5	25.7
	Floor-6A @ 10'	06/07/12	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.7	<15.7	<15.7	<15.7	210
	West S/W-6 @ 5'	06/07/12	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<15.2	<15.2	<15.2	<15.2	17.3

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
TRUNK "O" BENNETT ROAD 5-7-12 RELEASE SITE
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b					METHOD: SW 801SM					E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	
NMOC Regulatory Limit		10	-	-	-	-	50	-	-	-	5,000	-
South S/W-2 @ 2'	06/07/12	<0.00101	<0.00202	<0.00101	<0.00202	<0.00101	<0.00202	<15.2	68.6	15.2	68.6	25.9
North S/W-1 @ 2'	06/07/12	<0.00102	<0.00205	<0.00102	<0.00205	<0.00102	<0.00205	<15.3	26.5	<15.3	26.5	3.97
East S/W-7 @ 5'	06/07/12	<0.00107	<0.00214	<0.00107	<0.00214	<0.00107	<0.00214	<16.1	<16.1	<16.1	<16.1	1,950
East Trench-2 @ 5'	06/07/12	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<15.5	<15.5	<15.5	<15.5	7.85
Floor-7 @ 10'	06/11/12	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.6	<15.6	<15.6	<15.6	94.7
West S/W-7 @ 5'	06/11/12	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<15.1	<15.1	<15.1	<15.1	10.1
East S/W-8 @ 5'	06/13/12	<0.00109	<0.00109	<0.00109	<0.00219	<0.00109	<0.00219	<16.6	<16.6	<16.6	<16.6	118
West S/W-8 @ 5'	06/14/12	<0.00102	<0.00102	<0.00102	<0.00203	<0.00102	<0.00203	<15.6	<15.6	<15.6	<15.6	43.1
Floor-8 @ 10'	06/14/12	<0.00110	<0.00110	<0.00110	<0.00220	<0.00110	<0.00220	<16.5	<16.5	<16.5	<16.5	217
East S/W -9 @ 5'	06/15/12	<0.00100	<0.00100	<0.00100	<0.00200	<0.00100	<0.00200	<15.3	<15.3	<15.3	<15.3	7.65
West S/W-9 @ 5'	06/15/12	<0.00111	<0.00111	<0.00111	<0.00223	<0.00111	<0.00223	<16.7	95.1	<16.7	95.1	102
Floor-9 @ 10'	06/15/12	<0.00102	<0.00102	<0.00102	<0.00203	<0.00102	<0.00203	<15.2	<15.2	<15.2	<15.2	20.4
West Trench-1 @ 5'	06/15/12	<0.00097	<0.00097	<0.00097	<0.00199	<0.00097	<0.00199	<15.3	<15.3	<15.3	<15.3	10.3
Floor-10 @ 4.5'	06/20/12	<0.00104	<0.00104	<0.00104	<0.00209	<0.00104	<0.00209	<16.0	<16.0	<16.0	<16.0	8.06
West S/W-10 @ 2'	06/20/12	<0.00100	<0.00100	<0.00100	<0.00201	<0.00100	<0.00201	<15.2	53.6	<15.2	53.6	9.5
East S/W-10 @ 1.5'	06/20/12	<0.00097	<0.00097	<0.00097	<0.00199	<0.00097	<0.00199	<15.1	<15.1	<15.1	<15.1	8.4
Floor-11 @ 4.5'	06/21/12	<0.00108	<0.00108	<0.00108	<0.00216	<0.00108	<0.00216	<16.2	18.9	<16.2	18.9	5.33
East S/W-11 @ 2'	06/21/12	<0.00103	<0.00103	<0.00103	<0.00206	<0.00103	<0.00206	<16.2	<16.2	<16.2	<16.2	18.7
West S/W-11 @ 2'	06/21/12	<0.000941	<0.000941	<0.000941	<0.00188	<0.000941	<0.00188	<15.4	<15.4	<15.4	<15.4	5.16
South Trench @ 3'	06/27/12	<0.00106	<0.00213	<0.00106	<0.00213	<0.00106	<0.00213	<16.0	<16.0	<16.0	<16.0	50.9
West Trench-2 @ 2'	06/27/12	<0.00102	<0.00203	<0.00102	<0.00203	<0.00102	<0.00203	<15.3	<15.3	<15.3	<15.3	12.6
West Trench-3 @ 2'	06/27/12	<0.00101	<0.00203	<0.00101	<0.00203	<0.00101	<0.00203	<15.3	<15.3	<15.3	<15.3	10.2
RP East S/W @ 2.5'	06/28/12	<0.00105	<0.00209	<0.00105	<0.00209	<0.00105	<0.00209	<15.9	<15.9	<15.9	<15.9	5.18

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
TRUNK "O" BENNETT ROAD 5-7-12 RELEASE SITE
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b						METHOD: SW 8015M					E 300.1 CHLORIDE
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅		
NMOCD Regulatory Limit		10	-	-	-	-	50	-	-	-	5,000	-	
	06/28/12	<0.00108	<0.00216	<0.00108	<0.00216	<0.00108	<0.00216	<16.3	<16.3	<16.3	<16.3	50.2	
RP Floor @ 10'													
RP South S/W @ 5'	06/28/12	<0.00111	<0.00221	<0.00111	<0.00221	<0.00111	<0.00221	<16.7	<16.7	<16.7	<16.7	11.6	
RP North S/W @ 5'	06/28/12	<0.00112	<0.00223	<0.00112	<0.00223	<0.00112	<0.00223	<16.8	<16.8	<16.8	<16.8	23.8	
	06/29/12	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.4	<16.4	<16.4	<16.4	962	
Floor-7A @ 10'													
South S/W-3 @ 8'	06/29/12	<0.00102	<0.00204	<0.00102	<0.00204	<0.00102	<0.00204	<15.5	<15.5	<15.5	<15.5	11	
SP-1	06/29/12	<0.00101	<0.00202	0.00302	0.0253	0.0314	0.0597	93.4	1,430	205	1,730	233	
SP-2	06/29/12	<0.00102	0.00290	0.00795	0.0708	0.0690	0.151	172	2,070	273	2,520	229	
SP-3	06/29/12	<0.00102	0.00848	0.00567	0.0408	0.0454	0.100	200	2,240	247	2,690	269	
SP-4	06/29/12	<0.00102	0.00636	0.00451	0.0289	0.0264	0.0662	165	1,960	223	2,350	296	
SP-5	06/29/12	<0.00101	<0.00202	0.00127	0.00799	0.00552	0.0148	108	1,690	194	1,990	243	
SP-6	06/29/12	<0.00101	<0.00203	0.00123	0.00772	0.00505	0.0140	94.9	1,410	148	1,650	281	
East S/W-7A @ 5'	7/2/2012	<0.00102	<0.00102	<0.00102	<0.00205	<0.00102	<0.00205	<16.0	<16.0	<16.0	<16.0	82.8	
East S/W-5A @ 8'	7/3/2012	<0.000988	<0.000988	<0.000998	<0.00198	<0.000988	<0.00198	<15.0	171	284	455	433	
RP Floor-2 @ 18'	7/5/2012	7.97	167	65.7	284	94.2	619	18,100	28,600	1,880	48,600	2,270	
RP S Trench Floor @ 18'	7/5/2012	<0.00121	0.00557	0.00282	0.0112	0.00426	0.0239	<18.1	<18.1	<18.1	<18.1	12.9	
RP S Trench South S/W @ 9'	7/5/2012	<0.00105	<0.00105	<0.00105	<0.00210	<0.00105	<0.00210	<16.3	<16.3	<16.3	<16.3	28.7	
RP N Trench Floor @ 18'	7/5/2012	<0.00102	<0.00102	<0.00102	<0.00204	<0.00102	<0.00204	<15.4	<15.4	<15.4	<15.4	24.5	
RP N Trench North S/W @ 9'	7/5/2012	<0.00101	<0.00101	<0.00101	<0.00202	<0.00101	<0.00202	<15.2	<15.2	<15.2	<15.2	23.4	
RP W Trench Floor @ 18'	7/5/2012	<0.00106	<0.00106	<0.00106	<0.00212	<0.00106	<0.00212	<16.6	<16.6	<16.6	<16.6	42.1	
RP W Trench West S/W @ 9'	7/5/2012	<0.000990	<0.000990	<0.000990	<0.00198	<0.000990	<0.00198	<15.4	<15.4	<15.4	<15.4	158	
South S/W-4 @ 5'	07/06/12	<0.00476	<0.00476	<0.00476	<0.00952	<0.00476	<0.00952	<15.9	<15.9	<15.9	<15.9	25.6	
Floor-12 @ 10'	07/12/12	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<15.6	<15.6	<15.6	<15.6	255	
Floor-13 @ 10'	07/12/12	<0.00109	<0.00218	<0.00109	<0.00218	<0.00109	<0.00218	<16.3	<16.3	<16.3	<16.3	636	
North S/W-2 @ 5'	07/12/12	<0.00110	<0.00221	<0.00110	<0.00221	<0.00110	<0.00221	<16.5	<16.5	<16.5	<16.5	126	
SP-7	07/20/12	<0.00100	<0.00200	0.00135	0.00963	0.00576	0.0167	101	1,750	66	2,020	32	

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
TRUNK "O" BENNETT ROAD 5-7-12 RELEASE SITE
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

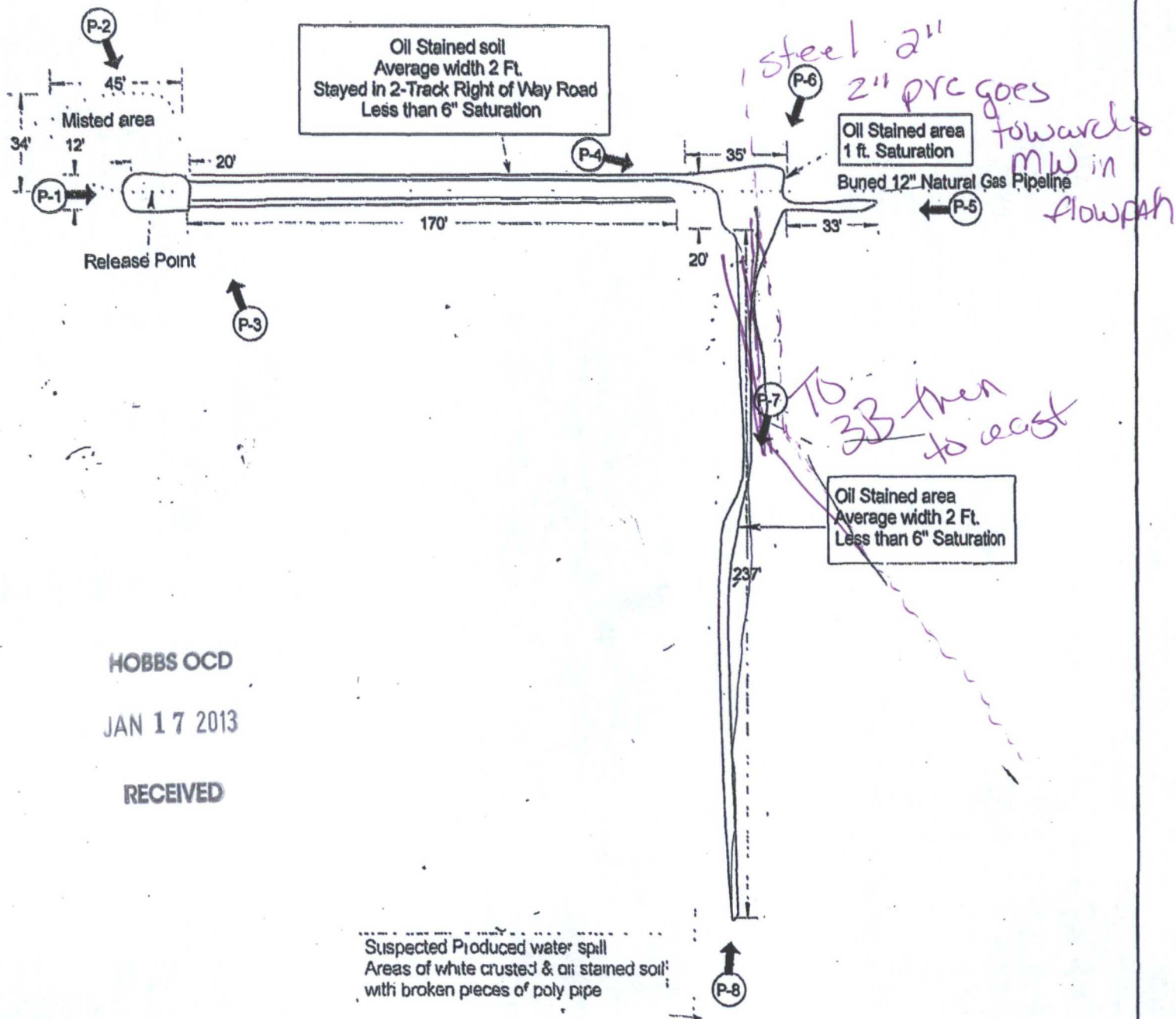
TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

SOUTHERN UNION GAS SERVICES
TRUNK "O" BENNETT ROAD 5-7-12 RELEASE SITE
LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b					METHOD: SW 8015M					E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p -XYLENES	o -XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	
NMOC Regulatory Limit		10	-	-	-	-	50	-	-	-	5,000	-
SP-24B	09/14/12	-	-	-	-	-	-	-	-	-	-	600
SP-25A	09/17/12	-	-	-	-	-	-	-	-	-	-	396
SP-25B	09/17/12	-	-	-	-	-	-	-	-	-	-	367
SP-14A	09/19/12	-	-	-	-	-	-	-	-	-	-	384
SP-14B	09/19/12	-	-	-	-	-	-	-	-	-	-	367
SP-26A	09/19/12	-	-	-	-	-	-	-	-	-	-	625
SP-26B	09/19/12	-	-	-	-	-	-	-	-	-	-	729
SP-28A	09/19/12	-	-	-	-	-	-	-	-	-	-	605
SP-28B	09/19/12	-	-	-	-	-	-	-	-	-	-	672
SB-1 @ 25'	12/18/12	<0.00113	<0.00227	<0.00113	<0.00227	<0.00113	<0.00227	<17.0	<17.0	<17.0	<17.0	687
SB-1 @ 30'	12/18/12	<0.00106	<0.00212	<0.00106	<0.00212	<0.00106	<0.00212	<15.9	<15.9	<15.9	<15.9	959
SB-1 @ 35'	12/18/12	<0.00106	<0.00212	<0.00106	<0.00212	<0.00106	<0.00212	<15.9	<15.9	<15.9	<15.9	106
SB-1 @ 40'	12/18/12	<0.00104	<0.00207	<0.00104	<0.00207	<0.00104	<0.00207	<15.5	<15.5	<15.5	<15.5	51.6
SB-2 @ 5'	12/18/12	<0.00107	<0.00213	<0.00107	0.00446	0.00160	0.00606	<16.0	138.0	<16.0	138	4,990
SB-2 @ 10'	12/18/12	<0.00105	0.00390	0.01700	0.06990	0.00159	0.0924	102	635	<15.7	737	3,910
SB-2 @ 15'	12/18/12	0.430	19.2	7.83	35.2	12.8	75.5	2,390	7,020	84.6	9,490	5,530
SB-2 @ 20'	12/18/12	0.420	26.3	9.36	39.1	14.2	89.4	2,270	5,810	<83.4	8,080	4,280
SB-2 @ 25'	12/18/12	<0.00106	0.0404	0.0385	0.195	0.0594	0.333	94.4	546	<15.8	640	790
SB-2 @ 30'	12/18/12	<0.00103	0.00506	0.00682	0.0309	0.0115	0.0543	18.5	138	<15.6	157	177
SB-2 @ 35'	12/18/12	<0.00103	<0.00206	<0.00103	<0.00206	<0.00103	<0.00206	<15.6	16.0	<15.6	16.0	48
SB-2 @ 40'	12/18/12	<0.00102	<0.00205	<0.00102	<0.00205	<0.00102	<0.00205	<15.5	<15.5	<15.5	<15.5	44.4



HOBBS OCD

JAN 17 2013

RECEIVED

Unit Tr. "P"
Section 7
Twns. 25 S
Range 37 E
County: Lea, N.M.
GPS
Lat. 32-08.276 N
Long 103-11.866 W

Approximate
Scale 1" = 50'

N

Monitor well approx 240 ft south of Stained area
Not to scale

Southern Union
Gas Services

SITE PLAN: Trunk MB-5

Lea County Area

2008-015

Figure 1

HOBBS OCD

JAN 17 2013

RECEIVED

1205
1202

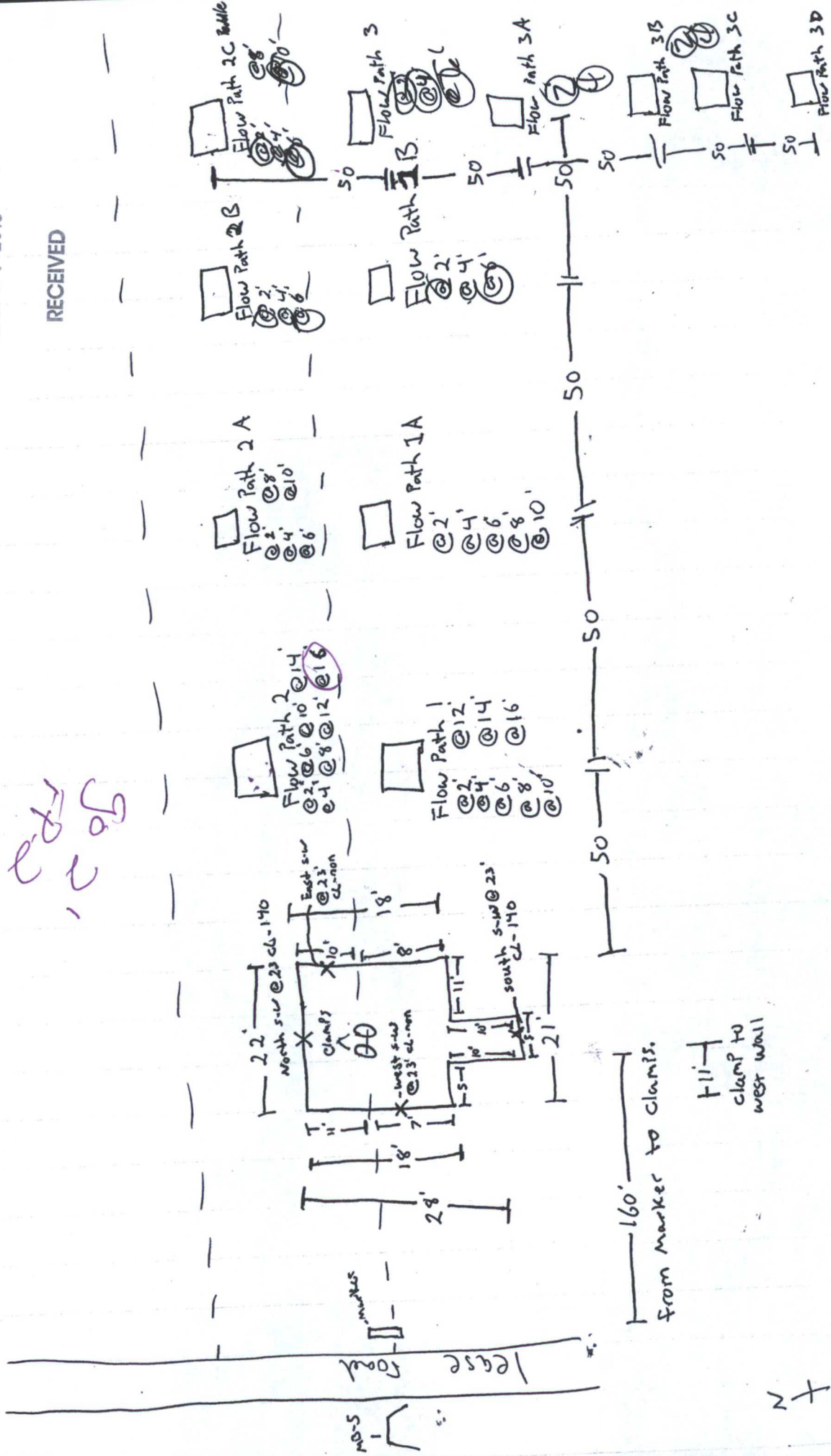


TABLE 1

CONCENTRATIONS OF BTEX, TPH AND CHLORIDE IN SOIL

HOBBS OCD

SOUTHERN UNION GAS SERVICES
TRUNK MB-5 HISTORICAL RELEASE SITE
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # IRP-1872

JAN 17 2013

All concentrations are reported in mg/Kg

RECEIVED

SAMPLE LOCATION	SAMPLE DATE	METHODS: SW 846-8021b					METHOD: SW 8015M					E 300.1
		BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL BTEX	TPH GRO C ₆ -C ₁₂	TPH DRO C ₁₂ -C ₂₈	TPH ORO C ₂₈ -C ₃₅	TOTAL TPH C ₆ -C ₃₅	
RP-1 @ 24'	01/07/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	106
West S/W @ 23'	01/07/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	144
South S/W @ 23'	01/07/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	176
RP @ 16'	01/07/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	432
East S/W @ 23'	01/08/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	57.4
North S/W @ 23'	01/08/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	124
Stockpile	01/08/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	60.1
FP-1 @ 2'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.5	<27.5	<27.5	<27.5	42.0
FP-1 @ 8'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.8	<25.8	<25.8	<25.8	3.07
FP-1 @ 16'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	8.65
FP-1A @ 2'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	10.1
FP-1A @ 10'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	<26.3	<26.3	<26.3	4.51
FP-2 @ 2'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	5.70
FP-2 @ 8'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	<26.3	<26.3	<26.3	4.09
FP-2 @ 16'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	284
FP-2A @ 2'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	11.1
FP-2A @ 10'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	25.4
Flowpath 1B @ 2'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	23.6
FP-1B @ 6'	01/09/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	14.4
FP-2B @ 2'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	17.7
FP-2B @ 6'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<25.5	<25.5	<25.5	<25.5	8.89
FP-2C @ 2'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	22.4
FP-2C @ 6'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	4.62
FP-2C @ 10'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.3	<26.3	<26.3	<26.3	19.7
FP-3 @ 2'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.0	<26.0	<26.0	<26.0	136
FP-3 @ 4'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	1,280
FP-3 @ 6'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	708
FP-3A @ 2'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.6	<26.6	<26.6	<26.6	964
FP-3A @ 4'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	1,020
FP-3B @ 2'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<26.9	<26.9	<26.9	<26.9	1,790
FP-3B @ 4'	01/11/13	<0.00100	<0.00200	<0.00100	<0.00200	<0.00100	<0.00200	<27.2	<27.2	<27.2	<27.2	1,350