

CONSULTING & SAFETY

PO Box 2948 | Hobbs, NM 88241 | Phone 575.393.2967

May 27th, 2014

#### Mike Bratcher

New Mexico Energy, Minerals, & Natural Resources Oil Conservation Division, Environmental Bureau – District 2 811 S. First St. Artesia, NM 88210 MAY 2 8 2014
NMOCD ARTESIA

RE: Corrective Action Plan
Burnett Oil Co. – Jackson B-5 Gas Line (2RP-2243)
UL/L sec. 13 T17S R30E
API No. 30-015-32793

Mr. Bratcher:

Burnett Oil Co. (Burnett) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

#### **Background and Previous Work**

The site is located approximately 3 miles northeast of Loco Hills, New Mexico at UL/L sec. 13 T17S R30E. The site is located in an area of no known groundwater.

On March 24<sup>th</sup>, 2014, Burnett discovered a release of 5 barrels of oil and produced water. The release occurred when a rupture in an adjacent gas line caused a fire that melted several poly lines and released the oil and produced water over 9,274 square feet of pasture land. None of the release fluid was recovered. BLM was notified of the release on March 24<sup>th</sup>, 2014 and NMOCD received the initial C-141 on March 27<sup>th</sup>, 2014 (Appendix A).

RECS personnel were on site beginning on March 24<sup>th</sup>, 2014. Surface samples were taken at two points within the release area and field tested for chlorides and organic vapors (Figure 1). Both samples were taken to a commercial laboratory for analysis. Point 1 returned a chloride value of 3,760 mg/kg and Point 2 returned a chloride value of 48 mg/kg. Gasoline Range Organics (GRO) readings, Diesel Range Organics (DRO) readings and BTEX readings returned values of non-detect, except for the DRO reading at Point 2, which returned a value of 29.3 mg/kg (Appendix B). Based on the surface sampling results, a vertical was installed at Point 1 to determine the depth of chloride contamination. The vertical was installed to a depth of 10 ft bgs, and samples were taken at regular intervals and field tested for chlorides and organic vapors. The 10 ft bgs sample was then taken to a commercial laboratory for analysis. The sample returned a chloride value of 480 mg/kg and GRO, DRO and BTEX results of non-detect.

Photo documentation of these activities can be found in Appendix C.

#### **Corrective Action Plan**

Based on the initial sampling of the site, the area around Point 1 will be excavated to a depth of 4 ft bgs (Figure 2). At the base of the 4 ft excavation, a 20-mil reinforced poly liner will be installed and properly seated. All excavated soils will be evaluated for use as backfill and any soils that do not meet regulatory standards will be disposed of at a NMOCD approved facility. The remaining soils will be blended on site to use as backfill. Clean soil will be imported to the site to replace any soils taken for disposal. A sample of the blended backfill will be taken to a commercial laboratory to confirm that the backfill has constituents below regulatory standards. The excavation will then be backfilled with the blended soil and contoured to the surrounding location.

The entire site will be tilled, soil amendments will be added to the site as needed and then seeded with a blend of native vegetation. Vegetation will provide an infiltration barrier for the site, since plants capture water through their roots thereby reducing the amount of water traveling through the vadose zone.

Once these activities have been completed, a report will be submitted to NMOCD and BLM detailing these activities and requesting 'remediation termination' and site closure.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,

Lara Weinheimer

**Project Scientist** 

**RECS** 

(575) 441-0431

#### Attachments:

Figure 1 – Initial Sampling Data

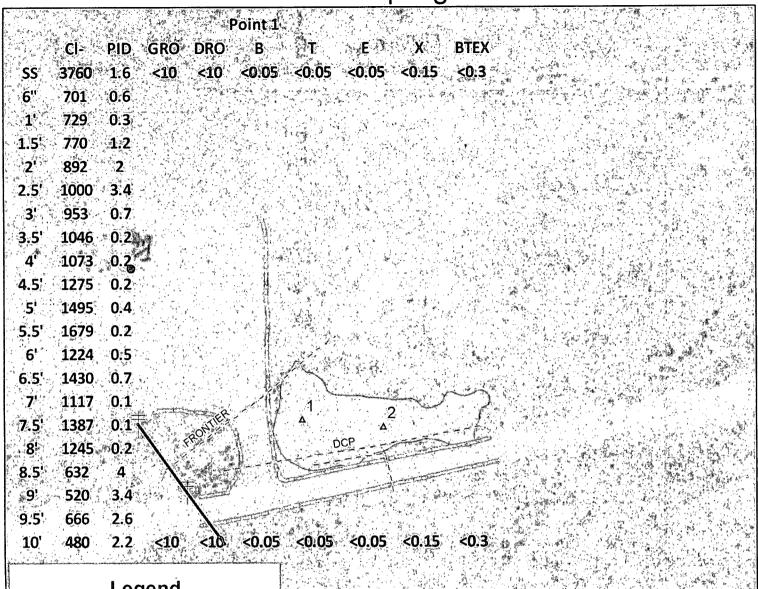
Figure 2 – Proposed Corrective Actions

Appendix A – Initial C-141

Appendix B – Initial Sampling Labs

Appendix C – Photo Documentation

**Initial Sampling Data** 



### Legend

- **ELECTRIC POLE**
- WELLHEAD
- SAMPLE POINT
- **BURIED PIPELINE**
- OVERHEAD ELECTRIC LINE
- PAD/ROAD EDGE
- STAIN (9,274 sq ft)

### Point 2

CI- PID GRO DRO B <10 29.3 < 0.05 < 0.05 < 0.05 < 0.15 < 0.3

CI- FIELD DATA CI- LAB DATA .

Landowner: BLM DGW: None



# BURNETT JACKSON B-5 GAS LINE

**ULL SECTION 13** T-17-S R-30-E **EDDY COUNTY, NM** 

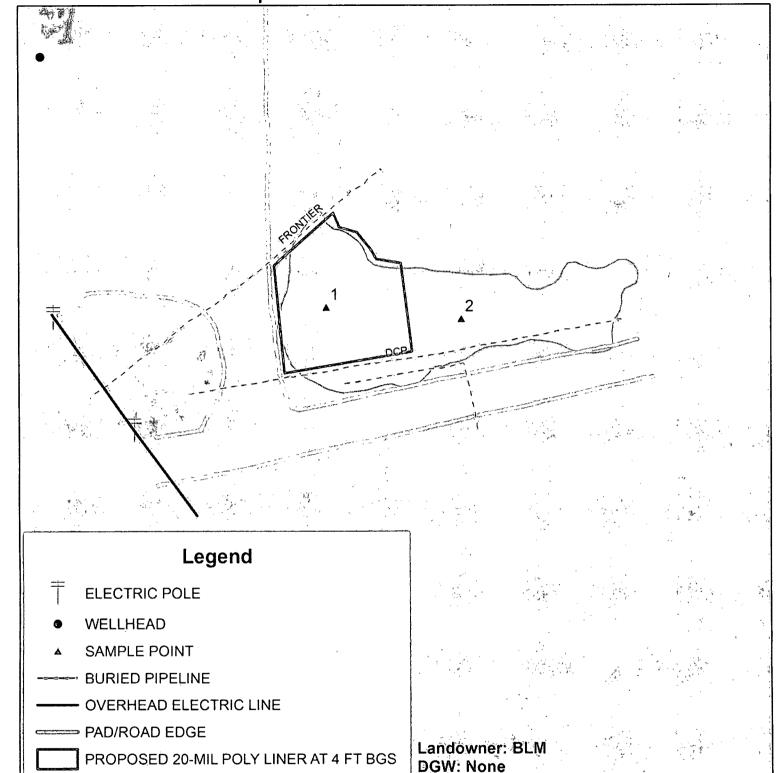
# Figure 1



150 75 Feet

GPS date: 3/24/14 EC Drawing date: 5/14/14 Drafted by: L. Weinheimer

# **Proposed Corrective Actions**



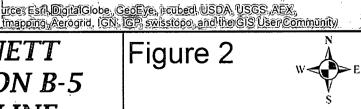


STAIN (9,274 sq ft)

# BURNETT JACKSON B-5 GAS LINE

**ULL SECTION 13** T-17-S R-30-E EDDY COUNTY, NM

# Figure 2



40 .80 Feet

GPS date: 3/24/14 EC Drawing date: 5/22/14 Drafted by: L. Weinheimer



RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

<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 <u>District IV</u> 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.

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

Form C-141 Revised August 8, 2011

			Kei	ease Noth	catioi	n and Co	orrective A	ction						
	<u></u>		···	OPERATOR										
Name of Company Burnett Oil Co. Inc.						Contact Shawna Matthews								
Address P.O. Box 188, Loco Hills, NM 88255						Telephone No. (575) 322-7213 Facility Type Gas Line								
Facility Nai	Facility Name Jackson B-5 Gas Line						e Gas Line		<del></del>					
Surface Ow	ner BLM	[		Mineral (	Owner				API No	30-015-3	32793			
	LOCATION OF RELEASE													
Unit Letter	Section	Township	Range	Feet from the	North				st Line	County				
L	13	17S	30E	1730		FSL	1098	FW.	L.	Eddy				
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					<del></del>	OF RELI			<del>-</del>					
Type of Rele	ase Oil ar	nd Produced V	Vater	11/4.1	UKE		Release 5 bbls		/olume I	Recovered (	) bbls			
Source of Re						Date and H	lour of Occurrenc	e I	Date and	Hour of Dis				
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By Whom?							our 3/24/14 1:0							
Was a Water	course Read		V <b>V</b>	1 No.		If YES, Volume Impacting the Watercourse.								
			Yes 🗵						DE	SEIVE	- las	1		
If a Watercou	irse was Im	pacted, Descr	ibe Fully.'	k					ne(	7 ELA C				
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fluid was reco					releasin	g on and prog	deed water over 3	,,274 squa	T.	i pasture iair	u. Non	ic or ans		
Describe Area	Affected a	nd Cleanup A	Action Tak	en.*						· · · · · · · · · · · · · · · · · · ·				
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							knowledge and ur							
							d perform correct							
should their of	or the envir nerations ha	onment. The ave failed to a	acceptanc dequately	investigate and re	en by the emediate	contamination	rked as "Final Re on that pose a thre	port" does	s not reli nd water	eve the oper . surface wa	atorot ter hun	nan health		
or the environ	ment. In ac	ldition, NMO	CD accep	tance of a C-141	report do	es not relieve	the operator of re	esponsibil	ity for co	inpliance w	ith any	other		
federal, state, or local laws and/or regulations.														
100 .10							OIL CONSERVATION DIVISION							
Signature:	Signature: Shawa Mattheus													
Dulius INI	Printed Name: Shawna Matthews  Approved by Environmental Specialist:													
Printed Name:	Snawna	viaunews					· · · · · · · · · · · · · · · · · · ·							
Title: Product	ion Technic	cian				Approval Date	:	Exp	iration [	Date:				
E-mail Addres	ss: smatthe	ws@burnettoi	l.com		c	Conditions of A	Approval:							
						Attached								
Date:	I O1	L ICAI		ne: (575) 322-7:	213									
Attach Additi	onal Sheet	ts II Necessa	ry											



Phone 575.393.2967



April 01, 2014

JACOB KAMPLAIN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: JACKSON B-S GAS LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/25/14 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celes D. Keena

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN

419 W. CAIN HOBBS NM, 88240

Fax To: (575) 397-1471

Received:

03/25/2014

Sampling Date:

03/25/2014

Reported:

04/01/2014

Sampling Type:

Soil

Project Name:

JACKSON B-S GAS LINE

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

**NOT GIVEN** 

Sample ID: PT. 1 @ SURFACE (H400885-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2014	ND	1.92	95.9	2.00	14.2	
Toluene*	<0.050	0.050	03/31/2014	ND	1.81	90.7	2.00	13.4	
Ethylbenzene*	<0.050	0.050	03/31/2014	ND	1.75	87.7	2.00	14.5	
Total Xylenes*	<0.150	0.150	03/31/2014	ND	5.10	85.0	6.00	14.3	
Total BTEX	<0.300	0.300	03/31/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 9	% 89.4-12	6		·····				
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	03/28/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/27/2014	ND	215	108	200	6.62	
DRO >C10-C28	<10.0	10.0	03/27/2014	ND	196	98.2	200	1.52	
Surrogate: 1-Chlorooctane	92.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	94.5	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinel'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 waved 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 the 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 Laboratones.

Celey D. Keine



#### Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received: Reported: 03/25/2014

04/01/2014

04/01/2014

Project Name: Project Number: JACKSON B-S GAS LINE

Project Location:

NONE GIVEN

Sampling Date:

03/25/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

Sample ID: PT. 2 @ SURFACE (H400885-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2014	ND	1.92	95.9	2.00	14.2	
Toluene*	<0.050	0.050	03/31/2014	ND	1.81	90.7	2.00	13.4	
Ethylbenzene*	<0.050	0.050	03/31/2014	ND	1.75	87.7	2.00	14.5	
Total Xylenes*	< 0.150	0.150	03/31/2014	ND	5.10	85.0	6.00	14.3	
Total BTEX	<0.300	0.300	03/31/2014	ND				i	
Surrogate: 4-Bromofluorobenzene (PIE	110 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/28/2014	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: ms			,		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/27/2014	ND	215	108	200	6,62	
DRO >C10-C28	29.3	10.0	03/27/2014	ND	196	98.2	200	1.52	
Surrogate: 1-Chlorooctane	88.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	91.5	% 63.6-15	4						

#### Cardinal Laboratories

\*=Accredited Analyte

PLEASE MOTE: 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, busness interruptions, loss of use, or loss of profits including, without limitation, busness interruptions, loss of use, or loss of profits including 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.

Celey & Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Celeg & Keene

### ARDINAL LABORATORIES

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Coinhany. Name. (26C)	BILL TO	ANALYSIS REGUEST					
Project Manager: Tacob Komplain	P.O. #:						
Address:	Company:						
City: Hobbs State: NM Zip: 88240	Attn:	lorides 1 8015 M 3TEX cas TPH Cations/Anions TDS					
Phone #: Fax #:	Address:	_					
Project #: Project Owner:	City:						
Project Name:	State: Zip:						
Project Location: Jackson 8-5-6-5 Like	Phone#:	Satic Catic					
Sampler Name: Kyle Humphrev	Fax#:	Chlorides TPH 8015 N BTEX Texas TPH TDS TDS					
FOR LABUSE GIGLY MATRI	PRESERV SAMPLING						
Tap I.D. Sample I.D. HAOONS.  1 6+. T @ 21- Label Clone.  1 6+. T @ 21- Label Clone.  1 6-1- Label Clone.  1 6-1- Label Clone.	SCUDGE OTHER: ACID/BASE: ICE / GOOL OTHER:	Compl					
1 P+. 2 @ Surpact 6 1 V	1 10 3-2- 4 10:00						
2 p+ 2 @ surface 6 1 V	3-25-19 10:02						
PLEASE NOTE: BIOCEY and Damages. Communic tability and observe exclusive remody for only dain straing written based in contract on tod, what too limited in this amount past by the client for the graph and a complete contract which contract is written to be contract on the graph and a complete contract which can be contracted which contract which can be contracted which							
Relinquished By: 198125/14 Received By:		ne Result: D Yes E No  Add'  Phone #:					
Kylo Hunny 73:15 Wall	MUNDON REMARK	KS:					
Relinquished By: Date: Received By:	email (	esuits					

CHECKED BY:

Sample Condition
Cool Intact
Pies Pies
No No

Knorman@rice-ecs.com.

Lweinheimer@rice-ecs.com-

sedwards@rice-ecs.com,lflores@rice-ecs.com

Khumphrey@rice-ecs.com

Kjones@riceswd.com; jkamplain@rice-ecs.com hconder@rice-ecs.com;

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-6176



May 12, 2014

JACOB KAMPLAIN
RICE ENVIRONMENTAL CONSULTING & SAFETY LLC
419 W. CAIN
HOBBS, NM 88240

RE: JACKSON B-5 GAS LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/02/14 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celes & Keena

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



#### Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY JACOB KAMPLAIN 419 W. CAIN HOBBS NM, 88240

Fax To:

(575) 397-1471

Received:

05/02/2014

Sampling Date:

05/02/2014

Reported:

05/12/2014

Sampling Type:

Soil

Project Name:

JACKSON B-5 GAS LINE

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: POINT 1 @ 10' (H401357-01)

BTEX 8260B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2014	ND	2.28	114	2.00	2.50	
Toluene*	<0.050	0.050	05/10/2014	ND	2.27	114	2.00	0.752	
Ethylbenzene*	<0.050	0.050	05/10/2014	ND	2.18	109	2.00	0.311	
Total Xylenes*	<0.150	0.150	05/10/2014	ND	6.74	112	6.00	2.10	
Total BTEX	<0.300	0.300	05/10/2014	ND					
Surrogate: Dibromofluoromethane	98.6	% 61.3-14	2						
Surrogate: Toluene-d8	105	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	92.9	% 65.7-14	I						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP			,		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	480	16.0	05/09/2014	ND	400	100	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	05/09/2014	ND	200	100	200	4.31	
DRO >C10-C28	<10.0	10.0	05/09/2014	ND	221	111	200	4.59	
Surrogate: 1-Chlorooctane	116	% 65.2-14	10				,		
Surrogate: 1-Chlorooctadecane	119	% 63.6-15	:4						

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Uability 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 whistoever shall be deerned 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 liabile for incidental or consequential damages, including, without limitation, business interruptons, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the 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 Laboratomies.

Celeg & Keene

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories \*=Accredited Analyte

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Celey D. Keine

# ARDINAL LABORATORIES

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Mariand, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

Company Name: RECS			BILLIO			ANALYSIS REQUEST						·				
Project Manager		P.O. #:														
Address:	3	•	Company:					1	S						1	
City: Hobbs	State: NM	Zip: 88240	Atin:				1		Ö			1			1	
Phone #;	Fax#:		Address:				İ	.	5			.	İ	1	İ	
Project #:	Project Owner	•	City:		S	Σ		エ	S							
Project Name:		· · · · · · · · · · · · · · · · · · ·	State: Zîp:		e	15	$\times$	<u>D</u>	6	(0				1		
Project Location	: 1 Jackson B-5 gas	line	Phone #:		Chlorides	801	BTEX	Texas TPH	Cations/Anions	TDS				1		
Sampler Name:			Fax #:		글	PH	B	S S		-						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.  # CONTAINERS  GROUNDWATER  WASTEWATER  SOIL  OIL  SLUDGE	PRESERV SAMPL  ACID/BASE:  OTHER:  OTHER:	TIME	)	<b>—</b>		Ţ	Complete							
<u> </u>	point 1@ 10'	61 4	8 5-2-14	11:20	×	<u> </u>	<u>X</u>						:			
				-												
PLEASE NOTE: LIZING IN	o Comages. Carolinare liability and obent's exclusive comecy for a	cy chim arising wasses based in contra	or test, shall be fittled to the amount po	and they thin elected to	T Che											

PLEASE, NOTE; Untilly and Chanages. Cardinate listificy and cheefs exclusive cannot you any chim printing whether to send to contract or tool, shall be finited to the amount paint by this sheet for the supplicative and change the companion of the explicative and change the companion of the explicative service. In one send or cardinate the factle to include any office members of the contractive threshold, business throughout the case, or less of putties because by dent, its establishment, artifacted, business throughout the case, or less of putties because of the contractive and change the case of the contractive of the cas

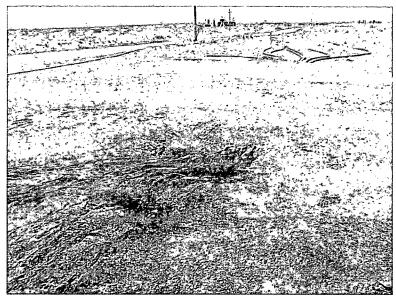
Relinquished By:	Date: S-2-14 Received By:	Phone Result:
Lyle Schnaidt	Date: Received By:	REMARKS:
Relinquished By:	Date: Received By:	email results
	Time:	Knorman@rice-ecs.com Mous & Aire-ecs.com
Delivered By: (Circle One)	Sample Condition   CHECKED BY:	- Kjones@riceswd.com; jkamplain@rice-ecs.com
Sampler - UPS - Sus - Other:	Cool intact Antides	hçonder@rice-ecs.com; Lweinheimer@rice-ecs.com

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-39 476



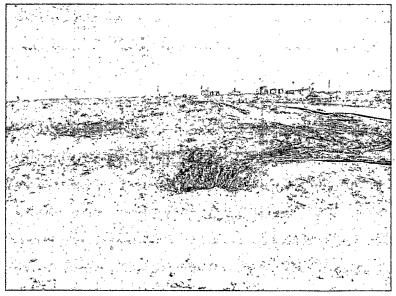
## **Burnett Oil Jackson B-5 Gas Line**

Unit Letter L, Section 13, T17S, R30E



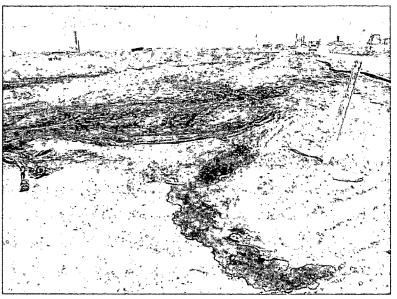
Source of release, facing southwest

3/24/14



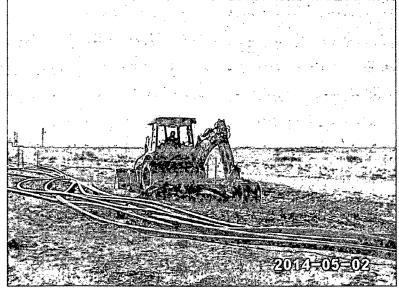
Initial release area, facing east

3/24/14



Initial release area, facing northeast

3/24/14



Installing the vertical, facing southeast

5/2/14