

June 02, 2015

JOHNNY TITSWORTH Burnett Oil Co., Inc 24 SMITH ROAD, SUITE 100 MIDLAND, TX 79705

**RE: GISSLER 3-1 TANK BATTERY** 

Enclosed are the results of analyses for samples received by the laboratory on 05/27/15 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\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



# Analytical Results For:

Burnett Oil Co., Inc JOHNNY TITSWORTH 24 SMITH ROAD, SUITE 100 MIDLAND TX, 79705 Fax To: None

Received:	05/27/2015	Sampling Date:	05/27/2015
Reported:	06/02/2015	Sampling Type:	Soil
Project Name:	GISSLER 3-1 TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY COUNTY, NM		

# Sample ID: PASTURE AREA - 1' (H501328-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	38.8	5.00	05/29/2015	ND	1.97	98.4	2.00	1.54	
Toluene*	170	5.00	05/29/2015	ND	2.00	100	2.00	1.57	
Ethylbenzene*	30.4	5.00	05/29/2015	ND	1.97	98.4	2.00	1.91	
Total Xylenes*	206	15.0	05/29/2015	ND	5.73	95.4	6.00	2.20	
Total BTEX	446	30.0	05/29/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 61-154	!						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6200	16.0	06/01/2015	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	8930	100	05/28/2015	ND	186	92.9	200	0.301	
DRO >C10-C28	19300	100	05/28/2015	ND	203	102	200	0.397	
Surrogate: 1-Chlorooctane	444	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	427	% 52.1-17	6						

## **Cardinal Laboratories**

# \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim 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 whatscever 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 those of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor 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 Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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 D. Keine

Celey D. Keene, Lab Director/Quality Manager

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

# 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Burnett Oil Co., Inc.

A subscription of the subs							
	e: burnett UII Co., Inc.		BILL TO			ANALYSIS REQUEST	
Project Manage	Project Manager: Johnny Titsworth		P.O. #:		_	- 1	1
Address: P.O. Box 188	Box 188 / CR 220 North		Company: Burnett Oil Co.,	Co., Inc.			
City: Loco Hills	S State: NM	Zip: 88255	Attn: Amber Sherrell				
Phone #: (575) 677-2313	677-2313 Fax #:		Address: P.O. Box 188				
Project #:	Project Owner:	er:				,	
Project Name: (	Project Name: Gissler 3-1 Tank Battery		State: NM Zip:88255		15		
Project Location: Eddy Co.	n: Eddy Co.		57	5	30,		
Sampler Name	Johnny Titsworth				2	2	
sampier Name:	Sampler Name: Johnny Litsworth		Fax #: (575) 677-2133		5		_
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	NG	<del>81</del> 82		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME Chloniches	TPH BTEX		
	Pasture area - 1'	1 X	<b>X</b> 5,	×	XX		
PLEASE NOTE: Liability a analyses. All claims includi service. In no event shall C affiliates or successors arisi	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 the client for the analyses. All claims including those for incidence 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 service. In no event shall Cardinal be liable for incidental or consequential damages, including through the difficult or consequential damages, including through the difficult or subsection out for real-advect the applicable afficiate or surcessors arising and real-advection of non-one of writing and through the difficult or consequential damages, including through the difficult or too soft use, or loss of profils incurred by client, its subsidiaries, afficiate or surcessors arising and real-advection of non-one of non-	or any claim arising whether based in contract e deemed waived unless made in writing and ling without limitation, business interruptions,	or tort, shall be limited to the amount pai received by Cardinal within 30 days after loss of use, or loss of profits incurred by	d by the client for the completion of the applic client, its subsidiaries,	able		
Relinquished By:	0	Received By:	H.	Phone Result: Fax Result:		<ul> <li>Add'I Phone #:</li> <li>Add'I Fax #:</li> </ul>	
Relinquished By:	Time: 3;74 Date: 2-77-15	Received By:	Ø	REMARKS:			2
Delivered By: (Circle One)	(Circle One)	Comple Condition					

+ Cardinal cannot accent verhal channes Please tax written channes to (575) 393-2326 Sample Condition Cool Intact Yes Yes No No No

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

5.800

CHECKED BY:

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