



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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  
 Reported: 06/02/2015  
 Project Name: GISSLER 3-1 TANK BATTERY  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 05/27/2015  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>38.8</b>	5.00	05/29/2015	ND	1.97	98.4	2.00	1.54	
<b>Toluene*</b>	<b>170</b>	5.00	05/29/2015	ND	2.00	100	2.00	1.57	
<b>Ethylbenzene*</b>	<b>30.4</b>	5.00	05/29/2015	ND	1.97	98.4	2.00	1.91	
<b>Total Xylenes*</b>	<b>206</b>	15.0	05/29/2015	ND	5.73	95.4	6.00	2.20	
<b>Total BTX</b>	<b>446</b>	30.0	05/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6200</b>	16.0	06/01/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>8930</b>	100	05/28/2015	ND	186	92.9	200	0.301		
<b>DRO &gt;C10-C28</b>	<b>19300</b>	100	05/28/2015	ND	203	102	200	0.397		

Surrogate: 1-Chlorooctane 444 % 47.2-157

Surrogate: 1-Chlorooctadecane 427 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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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

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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Company Name:** Burnett Oil Co., Inc.

**Sampler Name:** Johnny Titsworth

Pasture area - 1'

TIME

\* BTEX

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