



March 17, 2016

**Mike Bratcher**  
**New Mexico Energy, Minerals & Natural Resources Oil Conservation Division,**  
**Environmental Bureau - District 2**  
**811 S. First St.**  
**Artesia, NM 88210**

**RE: Corrective Action Plan**  
**Burnett Oil Co., Inc. – Jackson B 44**  
**UL/C sec. 24 T17S R30E**

Mr. Bratcher

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/C sec. 24 T17S R30E. The site is located in an area of no known groundwater.

On December 16, 2015 a release was discovered of 8 barrels of crude oil and produced water. The release occurred when a steel injection line going to the Jackson B 44 (API # 30-015-34864) ruptured and come to surface. The release impacted a 75'x15' area in the pasture with a 100'x 50' overspray area on the well location. The BLM and the NMOCD were both notified of the release on December 16, 2015 with the initial C-141 being filed on the same day.

On February 8, 2016, Burnett Oil Co., Inc. collected initial samples at four different sample points. The samples were taken to a commercial laboratory for testing.

### **Corrective Action Plan**

The well location has been scraped, and the impacted soil has been hauled to disposal. To remediate the impacted soil in the pasture, Burnett Oil Co., Inc. would like to work the impacted area with chloride bonding agents, flush the area with fresh water and drive the chlorides approximately 3' below surface level. After each installment of binding agents, Burnett Oil Co., Inc. will collect samples for verification of remediation success. Once the chlorides have been pushed below the root zone, and the hydrocarbons have been remediated below regulatory standards the area will be reseeded with BLM #2 seed mix. The area will then be observed until sufficient regrowth occurs.



March 17, 2016

Following the approval of the plan and after the remediation has taken place, Burnett Oil Co., Inc. will submit all proper closure documentation to the NMOCD and the BLM in accordance to the State and Federal Guidelines set forth.

Please feel free to contact me with any questions concerning this remediation plan request.

Sincerely,

Johnny Titsworth  
HSE Coordinator  
Burnett Oil Co., Inc.  
P.O. Box 188 / CR 220 North  
Loco Hills, NM 88255  
(432)-425-2891  
Email: jtitsworth@burnettoil.com

District I  
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

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

Form C-141  
Revised August 8, 2011

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

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

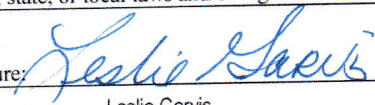
Name of Company	Burnett Oil Co., Inc.	Contact	Leslie Garvis
Address	Burnett Plaza - Suite 1500, 801 Cherry Street-Unit 9, Ft. Worth, TX 76102	Telephone No.	817-583-8730
Facility Name	Jackson B 44	Facility Type	Oil well
Surface Owner	BLM	Mineral Owner	BLM
		API No.	30-015-34864

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	24	17S	30E	990	North	2310	West	Eddy

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

**NATURE OF RELEASE**

Type of Release	Oil/Water	Volume of Release	3 bbls/5 bbls	Volume Recovered	0/0
Source of Release	Poly Pipe	Date and Hour of Occurrence	12/16/15 0700	Date and Hour of Discovery	12/16/15 0700
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	BLM - S. Tucker, OCD - H. Patterson		
By Whom?	Leslie Garvis	Date and Hour	12/16/15 1020		
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.* N/A					
Describe Cause of Problem and Remedial Action Taken.* Weld on poly pipe gave way. Repair made to pipe.					
Describe Area Affected and Cleanup Action Taken.* Area affect is approx 75'x15' in the pasture and 50'x100' over spray on the well pad. Pad area will be scraped with backhoe. Pasture to be sampled and cleaned up according to regulatory requirements. Clean up plan will be submitted as soon as developed.					
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: 		<b>OIL CONSERVATION DIVISION</b>			
Printed Name: Leslie Garvis		Approved by Environmental Specialist:			
Title: Regulatory Coordinator		Approval Date:		Expiration Date:	
E-mail Address: lgarvis@burnettoil.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 12/16/15		Phone: 817-583-8730			

\* Attach Additional Sheets If Necessary



Jackson B 44

API- 30-015-34864

2/8/16



32, 82440 -103.92677

AH-1

0'-1'

1'-1.5'

2'-2.5'

3'-3.5'

4'-4.5'

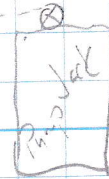
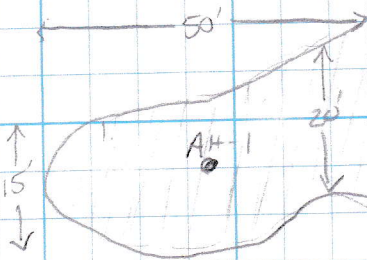
5'-5.5'

6'-6.5'

7'-7.5'

8'-8.5'

9'-9.5'





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

February 16, 2016

JOHNNY TITSWORTH

Burnett Oil Co., Inc

P. O. BOX 188

LOCO HILLS, NM 88255

RE: JACKSON B #44

Enclosed are the results of analyses for samples received by the laboratory on 02/09/16 13:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/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,

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

Burnett Oil Co., Inc  
JOHNNY TITSWORTH  
P. O. BOX 188  
LOCO HILLS NM, 88255  
Fax To: None

Received: 02/09/2016  
Reported: 02/16/2016  
Project Name: JACKSON B #44  
Project Number: NONE GIVEN  
Project Location: EDDY COUNTY, NM

Sampling Date: 02/08/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: AH-1 0-1' (H600288-01)**

BTEX 8021B			mg/kg Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/12/2016	ND	2.10	105	2.00	2.38	
Toluene*	<0.050	0.050	02/12/2016	ND	2.08	104	2.00	2.62	
Ethylbenzene*	0.073	0.050	02/12/2016	ND	1.90	95.0	2.00	2.16	
Total Xylenes*	0.272	0.150	02/12/2016	ND	5.71	95.2	6.00	2.49	
Total BTEX	0.345	0.300	02/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 111 % 73.6-140

Chloride, SM4500Cl-B			mg/kg Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/12/2016	ND	432	108	400	0.00	

TPH 8015M			mg/kg Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	34.0	10.0	02/10/2016	ND	226	113	200	1.04	
DRO >C10-C28	807	10.0	02/10/2016	ND	215	108	200	0.440	

Surrogate: 1-Chlorooctane 99.2 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

**Sample ID: AH-1 1-1.5' (H600288-02)**

Chloride, SM4500Cl-B			mg/kg Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/12/2016	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

 Burnett Oil Co., Inc  
 JOHNNY TITSWORTH  
 P. O. BOX 188  
 LOCO HILLS NM, 88255  
 Fax To: None

 Received: 02/09/2016  
 Reported: 02/16/2016  
 Project Name: JACKSON B #44  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/08/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: AH-1 2-2.5' (H600288-03)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/12/2016	ND	432	108	400	0.00	

**Sample ID: AH-1 3-3.5' (H600288-04)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/15/2016	ND	416	104	400	3.77	

**Sample ID: AH-1 4-4.5' (H600288-05)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2016	ND	416	104	400	3.77	

**Sample ID: AH-1 5-5.5' (H600288-06)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/15/2016	ND	416	104	400	3.77	

**Sample ID: AH-1 6-6.5' (H600288-07)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2016	ND	416	104	400	3.77	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Burnett Oil Co., Inc  
 JOHNNY TITSWORTH  
 P. O. BOX 188  
 LOCO HILLS NM, 88255  
 Fax To: None

 Received: 02/09/2016  
 Reported: 02/16/2016  
 Project Name: JACKSON B #44  
 Project Number: NONE GIVEN  
 Project Location: EDDY COUNTY, NM

 Sampling Date: 02/08/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: AH-1 7-7.5' (H600288-08)**

Chloride, SM4500Cl-B		Analyzed By: AP							
	mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/15/2016	ND	416	104	400	3.77	

**Sample ID: AH-1 8-8.5' (H600288-09)**

Chloride, SM4500Cl-B			Analyzed By: AP						
mg/kg									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/15/2016	ND	416	104	400	3.77	

**Sample ID: AH-1 9-9.5' (H600288-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/15/2016	ND	416	104	400	3.77	

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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

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



## Table 1 - Analytical Results

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