



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. - Gissler B 31
UL/M sec. 14 T17S R30E

Mr. Bratcher:

The above location is located approximately 2 miles northeast of Loco Hills, New Mexico at UL/L sec. 14 T17S R30E. The site is located in an area of no known groundwater.

On September 30, 2015 a release was discovered of 32 barrels of oil and produced water. The release occurred when a steel injection line from the GJSUA 22 WIW (API # 30-015-04148) ruptured and came to surface. The release impacted a 100' x 50' on the south side of the Gissler B 31 location as well as the pasture. The BLM and the NMOCD were both notified of the release on September 30, 2015, with the initial C-141 sent in October 1, 2015.

On October 15, 2015, Burnett Oil Co., Inc. collected initial samples at four different sample points. On October 29, 2015 BLM, NMOCD, and Burnett Oil Co., Inc. conducted an onsite meeting to discuss further actions in the remediation process. During the onsite meeting a decision was made to delineate below the initial sample points. On December 3, 2015 Burnett Oil Co., Inc. went back to location and collected additional samples in two different sample points within the impacted area. On March 1, 2016, Burnett Oil Co., Inc. contracted Diversified Field Services Inc. to perform soil boring to further delineate the impacted area.

Corrective Action Plan

As per the conversation on October 29, 2015, Burnett Oil Co., Inc. would like to remediate the impacted area in place. Based on the analytical from the sampling data the areas of AH-2, AH-3, AH-4, T-1, and T-2, which are located in the pasture, all show a non-detect for BTEX and TPH. To remediate the chloride impacted soil, 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 allowing for regrowth of vegetation. After each



March 17, 2016

installment of binding agents, Burnett Oil Co., Inc. will collect samples for verification of remediation success. Once chlorides have been pushed below the root zone the area will be reseeded with BLM #2 seed mix, and the area will be observed until sufficient regrowth occurs.

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



March 04, 2016

JOHNNY TITSWORTH

Burnett Oil Co., Inc

P. O. BOX 188

LOCO HILLS, NM 88255

RE: GISSLER B 31

Enclosed are the results of analyses for samples received by the laboratory on 03/01/16 16:45.

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/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".

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:	03/01/2016	Sampling Date:	03/01/2016
Reported:	03/04/2016	Sampling Type:	Soil
Project Name:	GISSLER B 31	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	EDDY CO., NM		

Sample ID: SOIL BORE 1 @ 10' (H600456-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5520	16.0	03/02/2016	ND	400	100	400	0.00	

Sample ID: SOIL BORE 1 @ 12' (H600456-02)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	03/02/2016	ND	400	100	400	0.00	

Sample ID: SOIL BORE 1 @ 14' (H600456-03)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	03/02/2016	ND	400	100	400	0.00	

Sample ID: SOIL BORE 1 @ 16' (H600456-04)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	03/02/2016	ND	400	100	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: 03/01/2016
 Reported: 03/04/2016
 Project Name: GISSLER B 31
 Project Number: NONE GIVEN
 Project Location: EDDY CO., NM

 Sampling Date: 03/01/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SOIL BORE 1 @ 18' (H600456-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1640	16.0	03/02/2016	ND	400	100	400	0.00	

Sample ID: SOIL BORE 1 @ 20' (H600456-06)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	03/02/2016	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Burnett Oil Co. Inc.
 Project Manager: Johnny T. Swartz
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: Burnett
 Project Location: Gissler B No. 31
 Sampler Name: Chris Flores
 P.O. #: _____
 Company: Burnett Oil Co. Inc.
 Attn: Johnny Swartz
 Address: 27 Square Lic Rd
 City: Lea, NM 87115
 State: NM Zip: _____
 Phone #: (505) 425-2891
 Fax #: 505-425-2891

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			
<u>H1000456</u>	<u>Soil Bore 1 @ 10'</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>Chlorides</u>	
	<u>Soil Bore 1 @ 12'</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<u>Soil Bore 1 @ 14'</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<u>Soil Bore 1 @ 16'</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<u>Soil Bore 1 @ 18'</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<u>Soil Bore 1 @ 20'</u>	<u>G</u>	<u>1</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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Relinquished By: [Signature] Date: 3/1/2016 Received By: Abdi Jensen
 Relinquished By: [Signature] Date: 4/15 Received By: _____
 Time: _____

Delivered By: (Circle One) UPS 5:20 Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: _____

CHECKED BY: [Signature] (Initials)
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: QMA! to Malvesa Diversified FS.com
mpatherson @
cflores @

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