



Robert Grubbs Jr.
Senior Environmental Coordinator

March 24, 2016

Oil Conservation Division
District 2 – Artesia
811 S. First St.
Artesia, NM 88210

**Re: BKU Central Tank Battery SWD
Sec. 24, T17S-R29E
Eddy County, NM**

Mr. Mike Bratcher,

COG Operating LLC would like to submit the enclosed document for closure of the above captioned well. The plan is in response to the C-141 Initial report dated August 20, 2015.

All work has been completed in accordance with the approved work plan submitted to the NMOCD and BLM. Attached are the additional samples requested with the workplan approval.

A signed C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (432) 683-7443.

Sincerely,

Robert Grubbs Jr.
Senior Environmental Coordinator

Enclosure(s):

- 1) C-141 Final
- 2) Sampling Analysis

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: COG Operating LLC	Contact: Robert McNeill
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-230-0077
Facility Name: BKU Central Tank Battery SWD	Facility Type: Facility

Surface Owner: Federal	Mineral Owner:	API No. N/A
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LOCATION OF RELEASE

Unit Letter J	Section 24	Township 17S	Range 29E	Feet from the N/A	North/South Line N/A	Feet from the N/A	East/West Line N/A	County Eddy
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Latitude N32° 49.180 Longitude W104° 01.569

NATURE OF RELEASE

Type of Release: Oil & Produced Water	Volume of Release: 20 bbls oil & 580 bbls PW	Volume Recovered: 10 bbls oil & 560 bbls PW
Source of Release: Tank Overflow	Date and Hour of Occurrence: 8/20/2015 6:30 am	Date and Hour of Discovery: 8/20/2015 6:30 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher – OCD	
By Whom? Amanda Trujillo	Date and Hour: Fri 8/21/2015 5:15 PM	
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.*

Describe Cause of Problem and Remedial Action Taken.*

This release was caused when tanks overflowed due to an alarm failure. Vacuum trucks were dispatched to recover all standing fluid.

Describe Area Affected and Cleanup Action Taken.*

This release occurred in within containment then overfilled the containment and impacted the pad and nearby pasture. Remediation was completed per the work plan approved by NMOCD on January 11, 2016.

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.

OIL CONSERVATION DIVISION

Signature:	Approved by Environmental Specialist:		
Printed Name: Robert Grubbs Jr.			
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: rgrubbs@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: March 24, 2016 Phone: 575-748-6940			

* Attach Additional Sheets If Necessary

February 02, 2016

LUPE CARRASCO
COG OPERATING
P. O. BOX 1630
ARTESIA, NM 88210

RE: BKU CENTRAL TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/27/16 11:50.

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,



Caley D. Keene
Lab Director/Quality Manager

Analytical Results For:

 COG OPERATING
 LUPE CARRASCO
 P. O. BOX 1630
 ARTESIA NM, 88210
 Fax To: NONE

 Received: 01/27/2016
 Reported: 02/02/2016
 Project Name: BKU CENTRAL TANK BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/27/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S 1 (H600199-01)

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	01/30/2016	ND	1.96	98.0	2.00	2.61	
Toluene*	<0.050	0.050	01/30/2016	ND	1.94	96.9	2.00	2.05	
Ethylbenzene*	<0.050	0.050	01/30/2016	ND	1.77	88.4	2.00	2.61	
Total Xylenes*	<0.150	0.150	01/30/2016	ND	5.46	91.1	6.00	1.97	
Total BTEX	<0.300	0.300	01/30/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/28/2016	ND	201	100	200	2.75	
DRO >C10-C28	<10.0	10.0	01/28/2016	ND	202	101	200	6.42	

Surrogate: 1-Chlorooctane 80.9 % 35-147

Surrogate: 1-Chlorooctadecane 86.8 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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 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, 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 Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG OPERATING
LUPE CARRASCO
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 01/27/2016
Reported: 02/02/2016
Project Name: BKU CENTRAL TANK BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/27/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S 2 (H600199-02)

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	01/30/2016	ND	1.96	98.0	2.00	2.61	
Toluene*	<0.050	0.050	01/30/2016	ND	1.94	96.9	2.00	2.05	
Ethylbenzene*	<0.050	0.050	01/30/2016	ND	1.77	88.4	2.00	2.61	
Total Xylenes*	<0.150	0.150	01/30/2016	ND	5.46	91.1	6.00	1.97	
Total BTEX	<0.300	0.300	01/30/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 73.6-140

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/28/2016	ND	201	100	200	2.75	
DRO >C10-C28	<10.0	10.0	01/28/2016	ND	202	101	200	6.42	

Surrogate: 1-Chlorooctane 77.5 % 35-147

Surrogate: 1-Chlorooctadecane 72.0 % 28-171

Sample ID: S 2 10' (H600199-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/29/2016	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG OPERATING
LUPE CARRASCO
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONE

Received: 01/27/2016
Reported: 02/02/2016
Project Name: BKU CENTRAL TANK BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/27/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S 3 (H600199-04)

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	01/30/2016	ND	1.96	98.0	2.00	2.61	
Toluene*	<0.050	0.050	01/30/2016	ND	1.94	96.9	2.00	2.05	
Ethylbenzene*	<0.050	0.050	01/30/2016	ND	1.77	88.4	2.00	2.61	
Total Xylenes*	<0.150	0.150	01/30/2016	ND	5.46	91.1	6.00	1.97	
Total BTEX	<0.300	0.300	01/30/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 73 6-140

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/28/2016	ND	201	100	200	2.75	
DRO >C10-C28	<10.0	10.0	01/28/2016	ND	202	101	200	6.42	

Surrogate: 1-Chlorooctane 82.3 % 35-147

Surrogate: 1-Chlorooctadecane 82.5 % 28-171

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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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Celey D. Keene, Lab Director/Quality Manager

January 29, 2016

LUPE CARRASCO
COG OPERATING
P. O. BOX 1630
ARTESIA, NM 88210

RE: BKU CENTRAL TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/27/16 11:50.

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Method EPA 524.2	Total Trihalomethanes (TTHM)
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Sincerely,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:COG OPERATING
LUPE CARRASCO
P. O. BOX 1630
ARTESIA NM, 88210
Fax To: NONEReceived: 01/27/2016
Reported: 01/29/2016
Project Name: BKU CENTRAL TANK BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVENSampling Date: 01/27/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson**Sample ID: S2 - 12' (H600200-01)**

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	01/29/2016	ND	416	104	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager

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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

Company Name: COG Operating LLC		P.O. #:	
Project Manager: Lupe Carrasco		Company: COG Operating LLC	
Address: 2208 West Main		Attn: Robert McNeill	
City: Artesia	State: NM Zip: 88210	Address: 600 W Illinois	
Phone #: (575) 748-6940	Fax #:	City: Midland	State: TX Zip: 79701
Project #:	Project Owner:	Phone #: (432) 221-0388	Fax #:
Project Name: SEASIDE BKE CTB	Project Location:		
Sampler Name: Lupe Carrasco			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		DATE	TIME	BTEX	TPH	Chloride	
				GROUNDWATER	WASTEWATER						SOIL
HLECCCD	52-12'	X				1/27/16				X	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's retention liability for any claims arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>	Date: 1/27/16	Received By: <i>[Signature]</i>	Date: 1/27/16
Relinquished By: <i>[Signature]</i>	Date: 1/27/16	Received By: <i>[Signature]</i>	Date: 1/27/16

Delivered By: (Circle One)	Sample Condition:	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	
FORM-006 R 2.0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

#54