

July 29, 2016

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

**Re: BURCH KEELY UNIT 18A Battery
Sec. 18, T17S-R30E
Eddy County, NM**

Mr. Bratcher/Mr. Arias,

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 May 26, 2016.

This release was caused by a gasket failure on a separator. Vacuum trucks were dispatched to recover all standing fluid and Microblaze was applied to the impacted pasture area. The equipment was also pressure washed. The greater part of this release was contained within the lined bermed area; however a spray of fluid impacted the pasture area. The impacted area measured approximately 0.73 acres. Samples were taken from the area with the greatest impact to the soil. The majority of the spray covered vegetation with little impact to the soil.

Attached is a map of the impacted area with sampling points and results. At this time we would like to request closure of 2RP-3717. A signed C-141 Final is enclosed for your consideration. Please feel free to contact me with any questions or concerns at (575) 748-6640.

Sincerely,



Amanda Trujillo Davis
Senior Environmental Coordinator

Enclosed

- (1) Site Diagram and Summary Table
- (2) Laboratory Analysis
- (3) C-141 Final

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland Texas 79701
P 432.683.7443 | F 432.683.7441

CARLSBAD OFFICE

1401 Commerce Drive | Carlsbad, New Mexico 88220
P 575.689.3100 | F 575.941.2081

Burch Keely Unit #18A Battery

Section 18 T17S R30E

Released: 30 bbls Oil ; 40 bbls PW
Recovered: 25 bbls Oil ; 35 bbls PW

Legend

- Area of Impact
- Area of Heavy Impact
- Sampling Point

Site Ranking: Zero

Depth to GW per Trend Map: 225'

Surface	DRO	GRO	TPH	BTEX	CI-
S1	16.3	<10.0	16.3	<0.300	336
S2	<10.0	<10.0	<10.0	<0.300	304
S3	<10.0	<10.0	<10.0	<0.300	240
S4	<10.0	<10.0	<10.0	<0.300	96
Bold values exceed RRALs per NMOC Guidelines (1993)					

BURCH KEELY UNIT #18A

July 13, 2016

LUPE CARRASCO
COG Operating, LLC
500 W. ILLINOIS
Midland, TX 79701

RE: BURCH KEELY 18A TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/06/16 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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.

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:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/06/2016
 Reported: 07/13/2016
 Project Name: BURCH KEELY 18A TANK BATTERY
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/30/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S1-SURFACE (H601515-01)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	16.3	10.0	07/09/2016	ND	201	101	200	7.47	

Surrogate: 1-Chlorooctane 81.9 % 35-147

Surrogate: 1-Chlorooctadecane 85.1 % 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, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 07/06/2016
Reported: 07/13/2016
Project Name: BURCH KEELY 18A TANK BATTERY
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/30/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2-SURFACE (H601515-02)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 100 % 73.6-140

Chloride, SM4500Cl-B			mg/kg						
			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	<10.0	10.0	07/09/2016	ND	201	101	200	7.47	

Surrogate: 1-Chlorooctane 71.5 % 35-147

Surrogate: 1-Chlorooctadecane 75.2 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG Operating, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 07/06/2016
Reported: 07/13/2016
Project Name: BURCH KEELY 18A TANK BATTERY
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/30/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S3-SURFACE (H601515-03)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 99.8 % 73.6-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	<10.0	10.0	07/09/2016	ND	201	101	200	7.47	

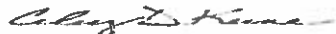
Surrogate: 1-Chlorooctane 70.4 % 35-147

Surrogate: 1-Chlorooctadecane 74.1 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/06/2016
 Reported: 07/13/2016
 Project Name: BURCH KEELY 18A TANK BATTERY
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/30/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S4-SURFACE (H601515-04)

BTEX 80218			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC) 99.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	<10.0	10.0	07/09/2016	ND	201	101	200	7.47	

Surrogate 1-Chlorooctane 80.9 % 35-147

Surrogate 1-Chlorooctadecane 87.4 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: COG Operating LLC

Project Manager: Lupe Carrasco

Address: 2208 West Main

City: Artesia

Phone #: (575) 748-6940

Project #:

Project Name: Burch Keely 18A Tank Battery

Project Location:

Sampler Name: Lupe Carrasco

BILL TO

P.O. #:

Company: COG Operating LLC

Attn: Robert McNeill

Address: 600 W Illinois

City: Midland

State: TX Zip: 79701

Phone #: (432) 221-0388

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	BTEX	TPH	Chloride										
HOOTS	-1	S1-SURFACE	X			6/30/16	X	X	X										
	-2	S2-SURFACE	X			6/30/16	X	X	X										
	-3	S3-SURFACE	X			6/30/16	X	X	X										
	-4	S4-SURFACE	X			6/30/16	X	X	X										

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Relinquished By: [Signature] Date: 6/30/16 Time: 10:30
Received By: [Signature] Date: 6/30/16 Time: 10:30
Relinquished By: [Signature] Date: 6/30/16 Time: 10:30
Received By: [Signature] Date: 6/30/16 Time: 10:30

Delivered By: (Circle One) UPS 4.9°C Sample Condition: Intact Checked By: [Signature]
Sampler - UPS - Bus - Other: UPS 4.9°C Sample Condition: Intact Checked By: [Signature]
FORM-006 R 2.0

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

July 13, 2016

LUPE CARRASCO
COG Operating, LLC
500 W. ILLINOIS
Midland, TX 79701

RE: BURCH KEELY 18A TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/06/16 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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,



Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

Received:	07/06/2016	Sampling Date:	06/30/2016
Reported:	07/13/2016	Sampling Type:	Soil
Project Name:	BURCH KEELY 18A TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: S1-SURFACE (H601515-01)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

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

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	16.3	10.0	07/09/2016	ND	201	101	200	7.47	

Surrogate: 1-Chlorooctane 81.9 % 35-147

Surrogate: 1-Chlorooctadecane 85.1 % 28-171

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/06/2016
 Reported: 07/13/2016
 Project Name: BURCH KEELY 18A TANK BATTERY
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/30/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S2-SURFACE (H601515-02)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
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Surrogate: 1-Chlorooctane 71.5 % 35-147

Surrogate: 1-Chlorooctadecane 75.2 % 28-171

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Celest D. Keene, Lab Director/Quality Manager

Analytical Results For:

 COG Operating, LLC
 LUPE CARRASCO
 500 W. ILLINOIS
 Midland TX, 79701
 Fax To: None

 Received: 07/06/2016
 Reported: 07/13/2016
 Project Name: BURCH KEELY 18A TANK BATTERY
 Project Number: NONE GIVEN
 Project Location: NONE GIVEN

 Sampling Date: 06/30/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S3-SURFACE (H601515-03)

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Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 99.8 % 73.6-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	<10.0	10.0	07/09/2016	ND	201	101	200	7.47	

Surrogate: 1-Chlorooctane 70.4 % 35-147

Surrogate: 1-Chlorooctadecane 74.1 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

COG Operating, LLC
LUPE CARRASCO
500 W. ILLINOIS
Midland TX, 79701
Fax To: None

Received: 07/06/2016
Reported: 07/13/2016
Project Name: BURCH KEELY 18A TANK BATTERY
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 06/30/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S4-SURFACE (H601515-04)

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	07/08/2016	ND	1.99	99.5	2.00	0.129	
Toluene*	<0.050	0.050	07/08/2016	ND	2.04	102	2.00	0.862	
Ethylbenzene*	<0.050	0.050	07/08/2016	ND	1.96	98.2	2.00	0.914	
Total Xylenes*	<0.150	0.150	07/08/2016	ND	5.93	98.8	6.00	0.0424	
Total BTEX	<0.300	0.300	07/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 99.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/07/2016	ND	416	104	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	<10.0	10.0	07/09/2016	ND	184	91.9	200	4.98	
DRO >C10-C28	<10.0	10.0	07/09/2016	ND	201	101	200	7.47	

Surrogate: 1-Chlorooctane 80.9 % 35-147

Surrogate: 1-Chlorooctadecane 87.4 % 28-171

Cardinal Laboratories

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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



Company Name: COG Operating LLC

FOR LAB USE ONLY

Fax #:

ANALYSIS REQUEST

[illegible]

PLEASE NOTE: Liability for Canteen's liability and their's is limited to the amount paid by the client for the applicable services. All claims, including those for negligence and any other claims whatsoever shall be deemed waived by Client within 30 days after completion of the applicable services. In no event shall Canteen be liable for incidental or consequential damages, including without limitation, damages for emotional distress, business interruption, loss of use or loss of profits sustained by Client, its subsidiaries, affiliates or any other third parties. Canteen shall not be liable for any damages or claims arising out of or from the use of the software or any other product or service provided by Canteen or its subsidiaries, affiliates or any other third parties.

Date: 1/11/15 Received By: _____

Time: 20:00

Date: 10-5-00
Received By:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:
FORM-006 R 2.0

Sample Condition

CHECKED BY:

Cool intact

Cool intact

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

AC#

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No

REMARKS: gcarrascogal.com/concho.com

atruillo@concho.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

Form C-141
Revised August 8, 2011

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

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. 432-683-7443
Facility Name: BURCH KEELY UNIT 18A Battery	Facility Type: Battery

Surface Owner: Federal	Mineral Owner: Federal	API No. NA
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LOCATION OF RELEASE

Unit Letter E	Section 18	Township 17S	Range 30E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32.836628 Longitude -104.0164337

NATURE OF RELEASE

Type of Release: Oil and Produced Water	Volume of Release: 30 bbls Oil ; 40 bbls PW	Volume Recovered: 25 bbls Oil ; 35 bbls PW
Source of Release: Separator	Date and Hour of Occurrence: 5/26/2016 unknown	Date and Hour of Discovery: 5/26/2016 7:00 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 - NMOCD / Shelly Tucker - BLM	
By Whom? Amanda T. Davis	Date and Hour: 5/26/2016 6:05 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 by a gasket failure on a separator. Vacuum trucks were dispatched to recover all standing fluid and Microblaze was applied to the impacted pasture area. The equipment was also pressure washed.

Describe Area Affected and Cleanup Action Taken.*

The majority of this release was contained within the lined bermed area; however a spray of fluid impacted the pasture area. Concho will have the spill site sampled to delineate any possible contamination from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation work.

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: <i>Amanda T. Davis</i>	OIL CONSERVATION DIVISION	
Printed Name: Amanda Trujillo Davis	Approved by Environmental Specialist:	
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:
E-mail Address: atrujillo@concho.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: June 3, 2016	Phone: 575-748-6940	

* Attach Additional Sheets If Necessary