



Robert Grubbs Jr.
Sr. Environmental Coordinator

September 8, 2016

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

Re: Grave Digger State Com #8H
30-015-43397
N-02-20S-25E
Eddy County, NM

Mr. Mike Bratcher,

COG Operating LLC would like to submit for your consideration the enclosed work plan for the above captioned well. The plan is in response to the release that occurred on December 21, 2015.

Background

This release was caused by a leak from a frac tank valve. The release ran off the backside of the location and into the pasture. This release occurred on fee surface and was caused by a third party working on location.

Groundwater

Based on the information obtained through the use of the Chevron-Texaco Maps, the release area would be classified at a site ranking of **Zero** with depth to groundwater at greater than 100'.

Soil Assessment and Analytical Results

Sample points for the release area are labeled as S1, S2, and S3 on the attached Site Diagram. According to the analytical results obtained, S1 has an elevated concentration of chloride to a depth of 4'. S3 resulted in elevated chloride concentrations to a depth of 1' with delineation results showing a decrease in concentration. Copies of the analytical results along with a site diagram and sample summary table are attached for your consideration.

Work Plan

COG Operating LLC proposes the following excavations for remediation of the release area:

S1– Excavate to a depth of approximately 4’.

S2 – No excavation.

S3- Excavate to a depth of approximately 1’.

The area of S1 will be further delineated at the time of excavation and confirmation samples will be submitted. All areas excavated will be backfilled with like materials and will be returned to their normal state and will be reseeded in June of 2017.

If there are no objections or further stipulations, COG Operating LLC would like to begin the remediation process based on approval of this work plan. Please feel free to contact me with any questions or concerns.

Site Ranking: Zero	
Depth to GW per SEO: >100	
S1	Cl-
1'	320
2'	432
3'	736
4'	544
S2	Cl-
1'	32
2'	64
3'	16
4'	32
S3	Cl-
1'	528
2'	32
3'	96
4'	64

Sincerely,



Robert Grubbs Jr.

Sr. Environmental Coordinator

Enclosure(s): Site Diagram
Sample Summary Table
Analytical Results
C-141 Initial (Copy)

Grave Digger State Com #8H

Grave Digger State Com #8H

API 30-015-43397

GPS 32 595609, -104 458752

Site Ranking: Zero		
Depth to GW per SEO: >100		
S1	Cl-	320
1'		320
2'		432
3'		736
4'		544
S2	Cl-	
1'		32
2'		64
3'		16
4'		32
S3	Cl-	
1'		528
2'		32
3'		96
4'		64

Legend

- S1 Area (2,181 sqft)
- S2 Area (2,820 sqft)
- S3 Area (2,715 sqft)

July 19, 2016

LUPE CARRASCO

COG Operating, LLC

500 W. ILLINOIS

Midland, TX 79701

RE: GRAVE DIGGER FEDERAL COM #1H

Enclosed are the results of analyses for samples received by the laboratory on 07/13/16 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: 07/13/2016
Reported: 07/19/2016
Project Name: GRAVE DIGGER FEDERAL COM #1H
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1-1' (H601577-01)
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	07/14/2016	ND	2.05	102	2.00	0.758	
Toluene*	<0.050	0.050	07/14/2016	ND	2.20	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	07/14/2016	ND	2.15	107	2.00	0.497	
Total Xylenes*	<0.150	0.150	07/14/2016	ND	6.48	108	6.00	0.501	
Total BTEX	<0.300	0.300	07/14/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC) 102 % 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	320	16.0	07/15/2016	ND	400	100	400	3.92	

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	07/14/2016	ND	178	88.9	200	3.28	
DRO >C10-C28	<10.0	10.0	07/14/2016	ND	188	93.9	200	3.89	

Surrogate 1-Chlorooctane 69.0 % 35.14

Surrogate 1-Chlorooctadecane 64.0 % 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: 07/13/2016
Reported: 07/19/2016
Project Name: GRAVE DIGGER FEDERAL COM #1H
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S1-2' (H601577-02)

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	07/14/2016	ND	2.05	102	2.00	0.758	
Toluene*	<0.050	0.050	07/14/2016	ND	2.20	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	07/14/2016	ND	2.15	107	2.00	0.497	
Total Xylenes*	<0.150	0.150	07/14/2016	ND	6.48	108	6.00	0.501	
Total BTEX	<0.300	0.300	07/14/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC) 103 % 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	432	16.0	07/15/2016	ND	400	100	400	3.92	

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	07/14/2016	ND	178	88.9	200	3.28	
DRO >C10-C20	<10.0	10.0	07/14/2016	ND	188	93.9	200	3.89	

Surrogate 1-Chlorooctane 74.8 % 35-147

Surrogate 1-Chlorooctadecane 73.7 % 38-171

Sample ID: S1-3' (H601577-03)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	07/15/2016	ND	400	100	400	3.92	

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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:	07/13/2016	Sampling Date:	07/08/2016
Reported:	07/19/2016	Sampling Type:	Soil
Project Name:	GRAVE DIGGER FEDERAL COM #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: S1-4' (H601577-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	07/15/2016	ND	400	100	400	3.92	

Sample ID: S2-1' (H601577-05)

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	07/14/2016	ND	2.05	102	2.00	0.758	
Toluene*	<0.050	0.050	07/14/2016	ND	2.20	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	07/14/2016	ND	2.15	107	2.00	0.497	
Total Xylenes*	<0.150	0.150	07/14/2016	ND	6.48	108	6.00	0.501	
Total BTEX	<0.300	0.300	07/14/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC) 102 % 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	32.0	16.0	07/15/2016	ND	400	100	400	3.92	

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	07/14/2016	ND	178	88.9	200	3.28	
DRO >C10-C28	<10.0	10.0	07/14/2016	ND	188	93.9	200	3.89	

Surrogate 1-Chlorooctane 76.7 % 35-147

Surrogate 1-Chlorooctadecane 71.5 % 28-171

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***=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: 07/13/2016
Reported: 07/19/2016
Project Name: GRAVE DIGGER FEDERAL COM # 1H
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S2-2' (H601577-06)

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	07/14/2016	ND	2.05	102	2.00	0.758	
Toluene*	<0.050	0.050	07/14/2016	ND	2.20	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	07/14/2016	ND	2.15	107	2.00	0.497	
Total Xylenes*	<0.150	0.150	07/14/2016	ND	6.48	108	6.00	0.501	
Total BTEX	<0.300	0.300	07/14/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC) 103 % 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	64.0	16.0	07/15/2016	ND	400	100	400	3.92	

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	07/14/2016	ND	178	88.9	200	3.28	
DRO >C10-C28	<10.0	10.0	07/14/2016	ND	188	93.9	200	3.89	

Surrogate 1-Chlorooctane 67.1 % 35-147

Surrogate 1-Chlorooctadecane 67.7 % 28-171

Sample ID: S2-3' (H601577-07)

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	07/15/2016	ND	400	100	400	3.92	

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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:	07/13/2016	Sampling Date:	07/08/2016
Reported:	07/19/2016	Sampling Type:	Soil
Project Name:	GRAVE DIGGER FEDERAL COM #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NONE GIVEN		

Sample ID: S2-4' (H601577-08)

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	07/15/2016	ND	400	100	400	3.92	

Sample ID: S3-1' (H601577-09)

BTX 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	07/14/2016	ND	2.05	102	2.00	0.758	
Toluene*	<0.050	0.050	07/14/2016	ND	2.20	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	07/14/2016	ND	2.15	107	2.00	0.497	
Total Xylenes*	<0.150	0.150	07/14/2016	ND	6.48	108	6.00	0.501	
Total BTX	<0.300	0.300	07/14/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC) 102% 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	528	16.0	07/15/2016	ND	400	100	400	3.92	

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	07/14/2016	ND	178	88.9	200	3.28	
DRO >C10-C28	<10.0	10.0	07/14/2016	ND	188	93.9	200	3.89	

Surrogate 1-Chlorooctane 67.6% 35-147

Surrogate 1-Chlorooctadecane 67.0% 28-171

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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: 07/13/2016
Reported: 07/19/2016
Project Name: GRAVE DIGGER FEDERAL COM #1H
Project Number: NONE GIVEN
Project Location: NONE GIVEN

Sampling Date: 07/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S3-2' (H601577-10)

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	07/14/2016	ND	2.05	102	2.00	0.758	
Toluene*	<0.050	0.050	07/14/2016	ND	2.20	110	2.00	0.562	
Ethylbenzene*	<0.050	0.050	07/14/2016	ND	2.15	107	2.00	0.497	
Total Xylenes*	<0.150	0.150	07/14/2016	ND	6.48	108	6.00	0.501	
Total BTEX	<0.300	0.300	07/14/2016	ND					

Surrogate 4-Bromofluorobenzene (PIC)

101 %

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	32.0	16.0	07/15/2016	ND	400	100	400	3.92	

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	07/14/2016	ND	178	88.9	200	3.28	
DRO >C10-C28	<10.0	10.0	07/14/2016	ND	188	93.9	200	3.89	

Surrogate 1-Chlorooctane

73.6 %

35-147

Surrogate 1-Chlorooctadecane

70.9 %

28-171

Sample ID: S3-3' (H601577-11)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/15/2016	ND	400	100	400	3.92	

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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: NoneReceived: 07/13/2016
Reported: 07/19/2016
Project Name: GRAVE DIGGER FEDERAL COM #1H
Project Number: NONE GIVEN
Project Location: NONE GIVENSampling Date: 07/08/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson**Sample ID: S3-4' (H601577-12)**

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	07/15/2016	ND	400	100	400	3.92	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- 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

Cardinal Laboratories***=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

82

Company Name: COG Operating LLC

Project Manager: Lupe Carrasco

Address: 2208 West Main

City: Artesia

Phone #: (575) 748-6940

Project #:

Project Name: Grave Digger Federal Com #1H

Project Location:

Sampler Name: Lupe Carrasco

FILE TO

ANALYSIS REQUEST

P.O. #:

Company: COG Operating LLC

Attn: Robert McNabb

Address: 600 W Illinois

City: Midland

State: TX Zip: 79701

Phone #: (432) 221-0368

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID:BASE ICE / COOL OTHER	DATE	TIME	BTX	TPH	Chloride										
1400157	S1-1'	X				7/8/16		X	X	X										
	S1-2'	X				7/8/16		X	X	X										
	S1-3'	X				7/8/16		X	X	X										
	S1-4'	X				7/8/16		X	X	X										
	S2-1'	X				7/8/16		X	X	X										
	S2-2'	X				7/8/16		X	X	X										
	S2-3'	X				7/8/16		X	X	X										
	S2-4'	X				7/8/16		X	X	X										
	S3-1'	X				7/8/16		X	X	X										
	S3-2'	X				7/8/16		X	X	X										

PLEASE NOTE: Labels and Damages. Containers labeled and closed a substance remedy for any station using information included in container - etc, shall be limited to the amount paid by the client for the analysis. All claims including those for impurities and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the analysis. In no event shall Cardinal be held liable for consequential damages, including without limitation, business interruptions, loss of data, or loss of profits sustained by client, its subsidiaries, affiliates or successors, or any other party, in connection with the analysis. Cardinal shall not be liable for any damages or losses of any kind, including consequential damages, arising out of or related to the analysis. Cardinal shall not be liable for any damages or losses of any kind, including consequential damages, arising out of or related to the analysis.

Relinquished By:

Received By:

Relinquished By:

Received By:

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

CHECKED BY:

Phone Result:

Fax Result:

REMARKS:

Additional Phone #:

Additional Fax #:

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 303-2326 FAX (575) 303-7476

COG Operating LLC

Lude Calaszon

West Main

State: NM

Fax #: (575) 748-6940

Project Owner:

ave Digger Federal Com #1H

Introduction

Copa del Rey

9

DMP

С/О

OR

Sample I.D.

BA

GJR

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Agnes Caraboni is hereby notified that a summons is currently due any claim and the respondent is not aware of the same.

to include his emotional or consequential damages, including medical bills.

Data:

7/13/16

Time: 1

Date: _____
Recd: _____

Time:

1000

1849

5 - Other:

0

† Cardinal

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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: GRAVE DIGGER STATE COM #008H	Facility Type: Well

Surface Owner: Fee	Mineral Owner: State	API No. 30-015-43397
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LOCATION OF RELEASE

Unit Letter N	Section 2	Township 20S	Range 25E	Feet from the 170'	North/South Line South	Feet from the 1610'	East/West Line West	County Eddy
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Latitude 32.5956523 Longitude -104.45835101

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 19 bbls PW	Volume Recovered: unknown
Source of Release: Frac Tank Valve	Date and Hour of Occurrence: 12/21/2015 12:00 am	Date and Hour of Discovery: 12/21/2015 6:00 am
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse:	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

A leak from the frac tank valve was discovered on the backside of the tank.

Describe Area Affected and Cleanup Action Taken.*

The release ran off the backside of the location into the pasture. This release occurred on fee surface and was caused by a third party working on location. PIMA Tanks is taking responsibility for the clean-up. 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: 	OIL CONSERVATION DIVISION		
Printed Name: Amanda Trujillo Davis	Approved by Environmental Specialist:		
Title: Senior Environmental Coordinator	Approval Date:	Expiration Date:	
E-mail Address: atruijillo@concho.com	Conditions of Approval:		Attached ☐
Date: 1/4/2015 Phone: 575-748-6940			

* Attach Additional Sheets If Necessary