

July 7, 2016

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

Re: Screwdriver 24 Federal Com #2H

30-015-42914

Sec. 24, T19S-R31E 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 C-141 Initial report dated March 11, 2016.

Background

The release was caused when a 1" bleeder valve was left open resulting in the release of 20 barrels of produced water. Upon discovery, the valve was closed and a vac truck was dispatched to soak up standing fluid. The release occurred in the pasture impacting an approximate area of 2,252 square feet.

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' with delineation showing a decrease in concentration. S2 resulted in elevated chloride concentrations to a depth of 2' with delineation results showing a decrease in concentration. 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.

	Ranking: 0								
Depth to GV	V per SEO: >100								
S1	Cl-								
1'	2120								
2'	9600								
3'	1580								
4 '	992								
. 6'	96								
8'	<16								
10'	128								
S2	CI-								
1'	5040								
2'	1020								
3'	320								
4'	48								
6'	64								
8'	112								
10'	112								
S3	CI-								
1'	1560								
2 ¹	208								
3'	48								
4'	16								
6'	48								
8'	176								
10'	160								

Work Plan

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

S1- Excavate to a depth of approximately 4'.

S2 – Excavate to a depth of approximately 2'.

S3- Excavate to a depth of approximately 1'.

All areas excavated will be backfilled with like materials. Excavation will require encroachment of some areas outside the release area in the pasture. All areas affected during excavation will be returned to their normal state and will be reseeded in June of 2017.

NMOCD July 7, 2016 Page 3

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.

Sincerely,

Amanda Trujillo Davis

Sr. Environmental Coordinator

Enclosure(s): Site Diagram

Sample Summary Table Analytical Results C-141 Initial (Copy)



June 21, 2016

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

RE: SCREWDRIVER 24 FEDERAL COM #2H

Enclosed are the results of analyses for samples received by the laboratory on 06/15/16 14:15.

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 accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celeg D. Keine

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



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

Received:

06/15/2016

Sampling Date:

06/08/2016

Reported:

Sampling Type:

Soil

Project Name:

06/21/2016

Sampling Condition:

Cool & Intact

NONE GIVEN

SCREWDRIVER 24 FEDERAL COM #2H

Sample Received By:

Jodi Henson

Project Number: Project Location:

NONE GIVEN

Sample ID: S1-1' (H601324-01)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2016	ND	1.96	98.0	2.00	0.357	
Toluene*	<0.050	0.050	06/16/2016	ND	1.99	99.5	2.00	0.686	
Ethylbenzene*	<0.050	0.050	06/16/2016	ND	1.83	91.7	2.00	0.552	
Total Xylenes*	<0.150	0.150	06/16/2016	ND	5.71	95.2	6.00	0.128	
Total BTEX	<0.300	0.300	06/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIL	103 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	06/17/2016	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/17/2016	ND	190	95.1	200	0.0594	
DRO >C10-C28	<10.0	10.0	06/17/2016	ND	190	94.8	200	2.04	
Surrogate: 1-Chlorooctane	65.7 9	6 35-147					119:423		
Surrogate: I-Chlorooctadecane	72.5 9	6 28-171							

Sample ID: S1-2' (H601324-02)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	06/17/2016	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Colony D. Kenne



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

Received:

06/15/2016

Sampling Date:

06/08/2016

Reported:

Sampling Type:

Sail

06/21/2016

Sampling Condition:

Cool & Intact

Project Name: Project Number: SCREWDRIVER 24 FEDERAL COM #2H

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN NONE GIVEN

Sample ID: S1-3' (H601324-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit Analyzed

Method Blank

BS

True Value QC

RPD

Qualifier

Chloride

1580

Result

992

Result

96.0

Result

<16.0

16.0

Reporting Limit

16.0

16.0

Reporting Limit

16.0

06/17/2016

Analyzed

06/17/2016

06/17/2016

432

BS

432

BS

432

400

3.77

Sample ID: S1-4' (H601324-04)

Chloride, SM4500Cl-B	

Analyte

Analyte

Analyte

mg/kg

Analyzed By: AP

Method Blank

% Recovery

108

% Recovery

108

True Value QC

400

RPD

Qualifier

Chloride

Sample ID: S1-6' (H601324-05)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Reporting Limit Analyzed Method Blank ND

ND

% Recovery

True Value QC

400

RPD

3.77

3.77

Qualifier

Chloride

Chloride

Sample ID: S1-8' (H601324-06)

Chloride,	SM4500CI-B
-----------	------------

mg/kg

Analyzed By: AP

Analyzed

06/17/2016

Method Blank ND

ND

BS 432 % Recovery 108

% Recovery

108

108

True Value QC 400

RPD

Qualifier 3.77

Sample ID: S1-10' (H601324-07)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte Result Reporting Limit Analyzed Chloride 128 16.0 06/17/2016

Method Blank

BS 432 True Value QC 400

RPD 3.77

Cardinal Laboratories

*=Accredited Analyte

Qualifier

All claims, including those for negligence and

College & Karns



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

Received:

06/15/2016

Sampling Date:

06/08/2016

Reported:

06/21/2016

Sampling Type:

Soil

Project Name:

SCREWDRIVER 24 FEDERAL COM #2H

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: S2-1' (H601324-08)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2016	ND	1.96	98.0	2.00	0.357	
Toluene*	<0.050	0.050	06/16/2016	ND	1.99	99.5	2.00	0.686	
Ethylbenzene*	<0.050	0.050	06/16/2016	ND	1.83	91.7	2,00	0.552	
Total Xylenes*	<0.150	0.150	06/16/2016	ND	5.71	95.2	6.00	0.128	
Total BTEX	<0.300	0.300	06/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIE	103 9	6 73.6-14	0						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5040	16.0	06/17/2016	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/17/2016	ND	190	95.1	200	0.0594	
DRO >C10-C28	<10.0	10.0	06/17/2016	ND	190	94.8	200	2.04	
Surrogate 1-Chlorooctane	75,8 5	% 35-147							
Surrogate 1-Chlorooctadecane	78.0	% 28-171							

Sample ID: S2-2' (H601324-09)

	,								
Chloride, SM4500Ct-B mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	06/17/2016	ND	432	108	400	3.77	

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Clay & Kann



COG Operating, LLC **LUPE CARRASCO** 500 W. ILLINOIS Midland TX, 79701 Fax To:

Received:

06/15/2016

Sampling Date:

06/08/2016

Reported:

06/21/2016

Sampling Type:

Soil

Project Name:

SCREWDRIVER 24 FEDERAL COM #2H

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN

NONE GIVEN

Sample Received By:

Jodi Henson

Sample ID: S2-3' (H601324-10)

Chloride,	SM4500CI-B
-----------	------------

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

Analyzed 06/17/2016 Method Blank

B5

% Recovery

True Value QC

Qualifier

Chloride

Chloride

Chloride

Chloride

320

16.0

ND

416

В\$

416

104

400

3.92

RPD

3.92

Sample ID: S2-4' (H601324-11)

Chloride, SM4500CI-B

mg/kg

Reporting Limit

16.0

16.0

16.0

Reporting Limit

16.0

Analyzed By: AP

Result

48.0

64.0

112

Result

112

Analyzed 06/17/2016 Method Blank

% Recovery 104

104

104

% Recovery

104

True Value QC

400

RPD

Qualifier

Sample ID: S2-6' (H601324-12)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Analyte

Result Reporting Limit

Analyzed 06/17/2016

06/17/2016

Analyzed

06/17/2016

Method Blank ND

ND

BS 416 % Recovery

True Value QC

RPD

3.92

Qualifier

Sample ID: S2-8' (H601324-13)

Chloride, SM4500Cl-B

mg/kg

Reporting Limit Analyte Result

Analyzed By: AP

Analyzed Method Blank

ND

Method Blank

ND

% Recovery

True Value QC

400

RPD

Qualifier

3.92

Sample ID: 52-10' (H601324-14)

Analyte

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

BS

416

BS

416

True Value QC

400

400

RPD

3.92

Qualifier

Chloride

Cardinal Laboratories

*=Accredited Analyte

on thirty (30) days after compl In no event shall Cardinal be Bable

Colony T. Keens



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

Received:

06/15/2016

Sampling Date:

06/08/2016

Reported:

06/21/2016

Sampling Type:

Soil

Project Name:

SCREWDRIVER 24 FEDERAL COM #2H

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NONE GIVEN

Sample ID: S3-1' (H601324-15)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/16/2016	ND	1.96	98.0	2.00	0.357	
Toluene*	<0.050	0.050	06/16/2016	ND	1.99	99.5	2.00	0.686	
Ethylbenzene*	<0.050	0.050	06/16/2016	ND	1.83	91.7	2.00	0.552	
Total Xylenes*	<0.150	0.150	06/16/2016	ND	5.71	95.2	6.00	0.128	
Total BTEX	<0.300	0.300	06/16/2016	ND					
Surrogate: 4-Bromofluorobenzene (PIC	101 5	6 73.6-14	0						-
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1560	16.0	06/17/2016	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/17/2016	МĐ	190	95.1	200	0.0594	
DRO >C10-C28	<10.0	10.0	06/17/2016	ND	190	94.8	200	2.04	
Surrogate: 1-Chlorooctane	82.5	% 35-147							
Surrogate 1-Chlorooctadecane	84.4	% 28-171							

Sample ID: S3-2' (H601324-16)

Chloride, SM4500CI-B	OCI-B mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/17/2016	ND	416	104	400	3.92	

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Colleg & Keens



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

Received: Reported: 06/15/2016

06/04/0046

06/21/2016

Project Name: SCREWDRIVER 24 FEDERAL COM #2H

NONE GIVEN

Project Number: Project Location:

NONE GIVEN

Sampling Date:

06/08/2016

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Sample ID: S3-3' (H601324-17)

Chloride, SM4500Cl-B	oride, SM4500CI-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2016	ND	416	104	400	3.92	

Sample ID: S3-4' (H601324-18)

Chloride, SM4500CI-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	06/17/2016	ND	416	104	400	3.92	

Sample ID: 53-6' (H601324-19)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/17/2016	ND	416	104	400	3.92	

Sample ID: S3-8' (H601324-20)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/17/2016	ND	416	104	400	3.92	

Sample ID: S3-10' (H601324-21)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/17/2016	NĐ	416	104	400	3.92	

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aleg & Keine



COG Operating, LLC **LUPE CARRASCO** 500 W. ILLINOIS Midland TX, 79701 Fax To:

Received:

06/15/2016

Sampling Date:

06/08/2016

Reported:

06/21/2016

Sampling Type:

Soil

Project Name:

SCREWDRIVER 24 FEDERAL COM #2H

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN NONE GIVEN

Sample Received By:

Jodi Henson

Sample ID: S3-12' (H601324-22)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/17/2016	ND	416	104	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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Celen & Karns -



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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and cherit's exclusive remedy for any claim arising, whether beind in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for neglegence and any other cause whatsoever shall be deemed waved unless made in writing and recoved by Cardinal within thury (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitetion, business interruptions, loss of use, or loss of profits incurred by client, its subsidiances, affiliates or aucresions arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to 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.

Celeny & Kenne



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

Company reams.	COO Chesquist LTC	(7	BIII TO		- 1			
Project Manager:	Dakota Neel					P.O. #:	9				1		ANALYSIS REQUEST
Address: 2208 V	2208 West Main					2	Company	CDG Operation I I C	ation I I C				
City: Artesia		State: NM		Zip	88210	Attn:		Robert McNeil					
Phone #:	(575) 748-6930	Fax #:				Address	ess:	600 W Illinois	linois				
Project #:		Project Owner:	п			City		Midland					
roject Name: Sc	Project Name: Screwdriver 24 Federal Com #2H	Com #2H				State: TX	Z Z	Zip: 79701	X .				
Project Location:						Phor	# .	Phone #: (432) 724 0399			- 1		
Sampler Name:	Dakota Neel						1 11	0000-177 (20					
			1	l		FdX #:							
On the man chart			man and a			0	PRESERV	SAMPLING	NG				
Lab I.D.	Sample I.D.	D.	(G)RAB OR (C)O	# CONTAINERS GROUNDWATER	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:	CE/COOL OTHER:	DATE	TIME	этех	rPH	Chloride	
1	S1- 1'		_	_		_	×	6/8/16	8:30 AM	×	×	×	
L.	\$1-2						×	6/8/16	8:30 AM			×	
- 5	\$1-3						×	6/8/16	8:30 AM	2		×	
1	S1- 4°	The same of the sa					×	6/8/16	8:30 AM			×	
5-	S1- 6°			_	-	-	×	6/8/16	8:30 AM			×	
16	\$1-8						×	6/8/16	8:30 AM	1		×	
۲	\$1- 10'						×	6/8/16	8:30 AM	į		×	
											I		

3. Please fax written changes to 575-393-2476

せい

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Relinquished By:

S

O No

Add'l Phone #: Add'l Fax #:

Date: 6/15/2016

ceived By:

Time:

2.80

Sample Condition
Cool Intact
Yes Hes

CHECKED BY:

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	COG Operating LLC	Ö.					8/	BILL TO					ANALYSIS REQUEST
Project Manager:	Dakota Neel					I.	P.O. #:			٦	1		
Address: 2208	2208 West Main					S	Company:	COG Operating LLC	aling LLC	_			
City: Artesia		State: NM	2	Zip	88210	Attn:	<u></u>	Robert McNeill	Ne iii				
Phone #:	(575) 748-6930	Fax#:				B	Address:	600 W Illinois	llínois				
Project #:		Project Owner:	er:			CHY:	র	Midland					
Project Name: So	Screwdriver 24 Federal Com #2H	f Com #2H				S	State: TX	Zip: 79701	2				
Project Location:						7	Phone #: (432) 221-0388	2) 221-0386					
Sampler Name:	Dakota Neel					Fax #:	*						
FOR LAB USE DALLY		8		ᅥ	MATRIX	╛	PRESERV.	SAMPLING	ING	_			
Lab I.D.	Sample I.D.	Đ.	(G)RAB OR (C)OMP	GROUNDWATER	WASTEWATER SOIL OIL SLUDGE	OTHER:	ACID/BASE; ICE / COOL OTHER :	DATE	TME	втех	TPH	Chloride	
%	S2- 1'		_	_			×	6/8/16	8:30 AM	_	×	×	
2	S2- 2"						×	6/8/16	8:30 AM		Ì	×	
10	S2- 3'						×	6/8/16	8.30 AM			×	
<u>_</u>	S2- 4'						×	6/8/16	8:30 AM			×	
<u> </u>	S2- 6'						×	6/8/16	8:30 AM		İ	×	
U W	S2-8°						×	6/8/16	8:30 AM		1	×	
14	S2- 10°	o,					×	6/8/16	8:30 AM			×	
PLEASE NOTE: Listeling and Demanges. Cardinal's leabely and claim's exclusive removely for any claims energy whether based in contract or text, shall be limited as the amount paid by the claim's but the authorise and any other cause whatboover shall be desired watered velocity and recovered by Cardinal within 30 days after complaints of the applicable.	PLEASE NOTE: Listains and Danusyots. Cardina's hothery and clear't s exchaine remedy for any clears many whether based in contact or bit, shall be inneed to the annount paid by the clears to the annount paid by the annount paid by the annount paid by the annount paid by the clears to the annount paid by the annount p	erf is exchance rumesty for cause whatboover shad bu	deamed as		other based in contact the based in contact	1 Car book	and by Cordinal w	the amount per tim 30 days after	Dy the chart to	1	*		

nervice. In no event shall Cardenal be Bable for mustertal or conthe many process of the comments and the companion of the lay

8102219
Relinquished By: Date: Beseived By: Cabrero
ition Cr
Sampler - UPS - Bus - Other: Cool Infact (Initials)

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	CUG Operating LLC		BILL TO		ANALYSIS REQUEST
Project Manager:	Dakota Neel		P.O. #:		
Address: 2208	2208 West Main		Company: COG Operating LLC	ig LLC	
City: Artesia	State: NM	Zip 88210	Attn: Robert McNeill	2	
Phone #:	(575) 748-6930 Fax #:		Address: 600 W Minois	95	
Project #:	Project Owner:	ner:	City: Midland		
Project Name: Si	Screwdriver 24 Federal Com #2H		State: TX Zip: 79701		
Project Location:			Phone #: (432) 221-0388		
Sampler Name:	Dakota Neel	STATE OF THE STATE	Fax #:		
FOR LAB USE DNLY		MATRIX	PRESERV. SAMPLING		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX TPH	Chloride
-15	S3- 1'		X 6/8/16	×	×
-16	\$3-2"		X 6/8/16 8	8:30 AM	×
1	\$3-3'		X 6/8/16 8	8:30 AM	×
- [S	\$3-4		X 6/8/16 8	8:30 AM	×
<u>-</u> 2	\$3-6'		X 6/8/16 8	8:30 AM	×
200	S3-6;		X 6/8/16 8	8:30 AM	X
2	\$3-10		X 6/8/16 8	8:30 AM	×
したい	\$3-12'		X 6/8/16 8	8:30 AM	×
St Dest Posts					
analysis. All claims including the	r Laws wire. Leasy are tanged, Cebral isobely and clarit is column remaily for any clam arang whether beaut in contend or lot, shall be lamind to the grown part by the clared for the services. All claims and using three but heptyress and any other countedware that he deamed wased triess made in entired and incomed by Cardyall with 35 date after countedware fine acceleration.	or arry claim arming whither based in come be deemed wassed unless made in entire	ract or tort, shall be irruled to the amount paid by II and recover to Cardwell within 30 days, after com-	Die clard for Big	

Relinquished By:	Date: Received By:	ii:
Relinquished By:	18:15 Genzela Cabrera	remarks: Pas No AddTeax#: REMARKS: Cheel2@concho.com Carrasco@concho.com altruitlo@concho.com
Delivered By: (Circle One)	2.80 Sample Condition CHECKED BY:	
Sampler - UPS - Bus - Other:	Lyse Lives Wes	
s. Please fax written changes to 575-393-2476	93-2476	

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

* Attach Additional Sheets If Necessary

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.

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Release Notification	on and Cor	rective A	ction						
	OPERATO	OR	🛭 Initia	l Report	Final Report				
Name of Company: COG Operating LLC	Contact: Robe								
Address: 600 West Illinois Avenue, Midland TX 79701		o. 432-230-007	7						
Facility Name: SCREWDRIVER 24 FEDERAL COM #002H	Facility Type:	Battery							
Surface Owner: Federal Mineral Owner	: Federal		API No.	30-015-42914					
	ON OF RELI								
Unit Letter Section Township Range Feet from the P 24 19S 31E 900'	th/South Line South	Feet from the 190'	East/West Line East	County Eddy					
Latitude 32.6412116	517 Longitude -	-103.83072596	5						
NATURI	E OF RELEA	ASE							
Type of Release:	Volume of R	elease:	Volume R	ecovered:					
Produced Water Source of Release:	20 bbls PW	ur of Occurrence	5 bbls PW	lour of Discovery:					
Source of recease.	3/5/2016 9:00		3/5/2016 9						
Was Immediate Notice Given? ☐ Yes ☐ No ☒ Not Required	If YES, To W	Vhom?							
By Whom?	Date and Hor	11C							
Was a Watercourse Reached? If YES, Volume Impacting the Watercourse.									
☐ Yes ⊠ No									
If a Watercourse was Impacted, Describe Fully.*									
Describe Cause of Problem and Remedial Action Taken.* This release was caused by a 1' bleeder valve left open after repairs were	re made to other h	nattery equinmen	nt. A vacuum truck	was dispatched to	recover				
standing fluid.	io made to other t	sattery equipmen	II. II VOCOUIII II GUN	was disputence to					
Describe Area Affected and Cleanup Action Taken.*									
This release occurred on the backside of the facility. Concho will have the we will present a remediation work plan to the NMOCD for approval pr				nination from the re	elease and				
The first process a restriction with plant to the restriction of the process of t	ioi to tary signific	an remediation	work.						
Therefore and for the defendance of the second seco	de la company	1.1. 1	1 . 1.1 .	NIMOGE					
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release									
public health or the environment. The acceptance of a C-141 report by t	he NMOCD mark	ked as "Final Re	port" does not relie	ve the operator of	liability				
should their operations have failed to adequately investigate and remedia or the environment. In addition, NMOCD acceptance of a C-141 report									
federal, state, or local laws and/or regulations.	does not reneve t	ine operator of re	esponsibility for co.	mphance with any	otner				
		OIL CONS	ERVATION I	DIVISION					
Simplified Flat Hart									
Signature:	Approved by Er	nvironmental Sn	ecialist:						
Printed Name: Robert Grubbs Jr.	t tppro tob of 2.								
Title: Senior Environmental Coordinator	Approval Date:		Expiration D	ate:					
E-mail Address: rgrubbs@concho.com	Conditions of A	nnmval:							
	Condidions of A	ppovar.		Attached					
Date: March 11, 2016 Phone: 432-683-7443									