

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 OGRID # 229137	Contact: Robert McNeill
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-683-7443
Facility Name: Brinninstool Unit #003H	Facility Type: Tank Battery

Surface Owner: Private	Mineral Owner:	API No. 30-025-41371
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	20	23S	33E	330	South	2,260	East	Lea

Latitude 32.2838898 Longitude -103.5931091

NATURE OF RELEASE

Type of Release: Oil (Fire)	Volume of Release: Est. 0.50 bbl.	Volume Recovered: 0 bbl.
Source of Release: Flare	Date and Hour of Occurrence: August 11, 2017 6:00 pm	Date and Hour of Discovery: August 11, 2017 6:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Ms. Yu - NMOCD	
By Whom? Dakota Neel	Date and Hour: August 12, 2017 1:47 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.\*  
The release was caused when the oil dump valve closed resulting in oil being sent to the flare.

Describe Area Affected and Cleanup Action Taken.\*  
The fire impacted the location and an area in the pasture adjacent to the pad. No fluids were recovered due to the fire burning off any standing fluid. The pasture was sampled on October 4, 2017, and analytical results indicated no significant impact to the pasture was present.

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>Rebecca Haskell</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Rebecca Haskell	Approved by Environmental Specialist: <i>Ashley Maxwell</i>	
Title: Senior HSE Coordinator	Approval Date: 11/10/2022	Expiration Date:
E-mail Address: <a href="mailto:rhaskell@concho.com">rhaskell@concho.com</a>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: October 24, 2017 Phone: 432-683-7443		

Attach Additional Sheets If Necessary



[Rebecca Haskell]  
[Senior HSE Coordinator]

October 24, 2017

Olivia Yu  
Oil Conservation Division, District 1  
1625 French Drive  
Hobbs, NM 88240

Re: Closure Request Letter  
Brinninstool Unit #003H (1RP-4790)  
API #: 30-025-41371  
Unit Letter O, Section 20, Township 23S, Range 33E  
Lea County, NM

Ms. Yu,

COG Operating LLC (COG) is pleased to submit for your consideration the following Closure Request for the Brinninstool Unit #003H Flare Fire. The flare fire occurred on August 11, 2017 and impacted an area of pasture adjacent to the flare. This closure letter is in response to a request from the New Mexico Oil Conservation Division (NMOCD) that a soil sample be collected from the burned pasture.

On October 4, 2017, a COG representative collected a soil sample from the impacted area. Analytical results indicate no significant impact to the pasture and are provided below.

Brinninstool Unit #003H August 11, 2017					
O-20-23S-33E					
Sample ID	Date	Chloride mg/Kg	Benzene mg/Kg	BTEX mg/Kg	TPH mg/Kg
AH 1 @ Surface	10/4/2017	16.0	<0.050	<0.300	45.4
AH 1 @ 1'	10/4/17	32.0	<0.050	<0.300	<10.0

COG Operating LLC respectfully requests that the NMOCD grant closure approval for the Brinninstool Unit #003H Flare Fire incident that occurred on August 11, 2017. If you have any questions or concerns please contact me.

October 24, 2017

Sincerely,



Rebecca Haskell  
Senior HSE Coordinator  
[rhaskell@concho.com](mailto:rhaskell@concho.com)

Enclosed:

- (1) Site Diagram
- (2) Laboratory Analytical Reports and Chain-of-Custody Forms
- (3) Initial C-141
- (4) Final C-141

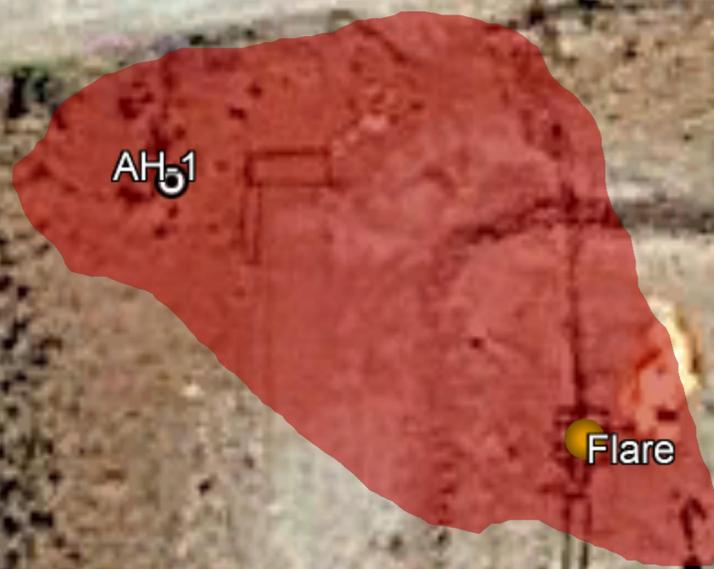
# Brinnistool Unit #003H

O-20-23S-33E

32.2838898 -103.5931091

## Legend

- Flare
- Impacted Area
- ⊙ Sample Location



Google Earth



60 ft



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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October 13, 2017

AARON LIEB  
COG OPERATING  
P. O. BOX 1630  
ARTESIA, NM 88210

RE: BRINNINSTOOL UNIT #3H

Enclosed are the results of analyses for samples received by the laboratory on 10/11/17 11:07.

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](http://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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

COG OPERATING  
AARON LIEB  
P. O. BOX 1630  
ARTESIA NM, 88210  
Fax To: NONE

Received:	10/11/2017	Sampling Date:	10/04/2017
Reported:	10/13/2017	Sampling Type:	Soil
Project Name:	BRINNINSTOOL UNIT #3H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	O-20-23S-33E		

**Sample ID: AH 1 @ SURFACE (H702751-01)**

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	10/12/2017	ND	2.01	100	2.00	0.565	
Toluene*	<0.050	0.050	10/12/2017	ND	1.82	90.8	2.00	0.154	
Ethylbenzene*	<0.050	0.050	10/12/2017	ND	1.85	92.6	2.00	0.489	
Total Xylenes*	<0.150	0.150	10/12/2017	ND	5.69	94.8	6.00	0.328	
Total BTEX	<0.300	0.300	10/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	10/12/2017	ND	432	108	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	10/12/2017	ND	185	92.6	200	1.05	
<b>DRO &gt;C10-C28</b>	<b>45.4</b>	10.0	10/12/2017	ND	201	100	200	2.44	

Surrogate: 1-Chlorooctane 79.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 80.8 % 34.7-157

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

COG OPERATING  
 AARON LIEB  
 P. O. BOX 1630  
 ARTESIA NM, 88210  
 Fax To: NONE

Received:	10/11/2017	Sampling Date:	10/04/2017
Reported:	10/13/2017	Sampling Type:	Soil
Project Name:	BRINNINSTOOL UNIT #3H	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	O-20-23S-33E		

**Sample ID: AH 1 @ 1' (H702751-02)**

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	10/12/2017	ND	2.01	100	2.00	0.565	
Toluene*	<0.050	0.050	10/12/2017	ND	1.82	90.8	2.00	0.154	
Ethylbenzene*	<0.050	0.050	10/12/2017	ND	1.85	92.6	2.00	0.489	
Total Xylenes*	<0.150	0.150	10/12/2017	ND	5.69	94.8	6.00	0.328	
Total BTEX	<0.300	0.300	10/12/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/12/2017	ND	432	108	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	10/12/2017	ND	185	92.6	200	1.05	
DRO >C10-C28	<10.0	10.0	10/12/2017	ND	201	100	200	2.44	

Surrogate: 1-Chlorooctane 78.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 77.6 % 34.7-157

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



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene

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

1 of 1

**BILL TO**

**ANALYSIS REQUEST**

Company Name: COG Operating LLC  
 Project Manager: Aaron Lieb  
 Address: 2407 Pecos Avenue  
 City: Artesia State: NM Zip: 88210  
 Phone #: 575-748-1553 Fax #:   
 Project #: Project Owner:   
 Project Name: Brinninstool Unit #3H  
 Project Location: O-20-23S-33E  
 Sampler Name: Aaron Lieb  
 P.O. #:   
 Company: COG Operating LLC  
 Attn: Robert McNeill  
 Address: 600 W Illinois  
 City: Midland  
 State: TX Zip: 79701  
 Phone #: (432) 221-0388  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
AH1 @ surface	AH1 @ 1'													

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]*  
 Date: 10-11-17  
 Time: 10:07 AM  
 Received By: *[Signature]*  
 Date: 10/11/17  
 Time: 3:00  
 Relinquished By: *[Signature]*  
 Date: 10/11/17  
 Time: 3:00

Delivered By: (Circle One) 4.0°C / 4.25°C  
 Sampler - UPS - Bus - Other:   
 Sample Condition:  Cool  Intact  
 Yes  No  
 CHECKED BY: *[Signature]*  
 (Initials) HC

Phone Result:  Yes  No  
 Fax Result:  Yes  No  
 Add'l Phone #:   
 Add'l Fax #:   
 REMARKS: dneel2@concho.com  
 alleb@concho.com  
 slitchcock@concho.com  
 rmaskell@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 OGRID # 229137	Contact: Robert McNeill
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-683-7443
Facility Name: Brinninstool Unit #003H	Facility Type: Tank Battery

Surface Owner: Private	Mineral Owner:	API No. 30-025-41371
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	20	23S	33E	330	South	2,260	East	Lea

Latitude 32.2838898 Longitude -103.5931091

NATURE OF RELEASE

Type of Release: Oil (Fire)	Volume of Release: Est. 0.50 bbl.	Volume Recovered: 0 bbl.
Source of Release: Flare	Date and Hour of Occurrence: August 11, 2017 6:00 pm	Date and Hour of Discovery: August 11, 2017 6:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Ms. Yu - NMOCD	
By Whom? Dakota Neel	Date and Hour: August 12, 2017 1:47 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.\*

The release was caused when the oil dump valve closed resulting in oil being sent to the flare.

Describe Area Affected and Cleanup Action Taken.\*

The fire impacted the location and an area in the pasture adjacent to the pad. No fluids were recovered due to the fire burning off any standing fluid.

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>Rebecca Haskell</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Rebecca Haskell	Approved by Environmental Specialist:	
Title: Senior HSE Coordinator	Approval Date:	Expiration Date:
E-mail Address: rhaskell@concho.com	Conditions of Approval:	
Date: August 14, 2017 Phone: 432-683-7443	Attached <input type="checkbox"/>	

Attach Additional Sheets If Necessary

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  
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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

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Facility Name: Brinninstool Unit #003H	Facility Type: Tank Battery

Surface Owner: Private	Mineral Owner:	API No. 30-025-41371
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Signature: <i>Rebecca Haskell</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Rebecca Haskell	Approved by Environmental Specialist:	
Title: Senior HSE Coordinator	Approval Date:	Expiration Date:
E-mail Address: <a href="mailto:rhaskell@concho.com">rhaskell@concho.com</a>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: October 24, 2017 Phone: 432-683-7443		

Attach Additional Sheets If Necessary

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
 Action 157710

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 157710
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	None	11/10/2022