

June 7<sup>th</sup> 2018

Olivia Yu  
Oil Conservation Division  
District 1 – Hobbs  
1625 N. French Dr.  
Hobbs, NM 88240

**APPROVED**

*By Olivia Yu at 4:07 pm, Sep 13, 2018*

NMOCD grants closure to  
1RP-4594 & 1RP-4795.

Ryan Mann  
New Mexico State Land Office  
Field Operations Division  
2827 N. Dal Paso Suite 117  
Hobbs, NM 88240

**Re: Closure Report**  
**Jazzmaster 17 State #004H**  
**API #: 30-025-41329**  
**RP#: 1RP-4795 & 1RP-4594**  
**Unit Letter A Section 17, Township 23S, Range 33E**  
**Lea County, NM**

Ms. Yu/Mr. Mann,

COG Operating, LLC (COG) is pleased to submit for your consideration the following closure report for the Jazzmaster 17 State #004H. This closure report is in reference to releases that occurred on February 4, 2017 and August 22, 2017. A work plan was submitted to the New Mexico Oil Conservation Division (NMOCD) and the New Mexico State Land Office (NMSLO) on March 8, 2018 and was approved on May 7, 2018 and March 8, 2018 respectively.

incorrect

## BACKGROUND

On February 2, 2017, the free water knockout dump control failed and sent fluid to the flare resulting in the release of approximately fifteen (15) barrel (bbl) of oil and five (5) bbls of produced water. Approximately fourteen (14) bbls of oil and four (4) bbls of produced water were recovered. The RP number NMOCD assigned to this release was 1RP-4594.

On August 22, 2017, a dump valve failed and sent fluid to the flare resulting in the release of approximately twenty (20) barrels (bbls) of oil and fifteen (15) bbls of produced water. Approximately eighteen (18) bbls of oil and thirteen (13) bbls of produced water were recovered. The RP number NMOCD assigned to this release was 1RP-4795. This release covered the same area of the well pad and pasture as the release that occurred on February 2, 2017.

## REMEDIAL ACTIONS

- The area of T1 was excavated to a depth of one (1) foot BGS.
- All of the excavated material was hauled to an NMOCD approved solid waste disposal facility.
- The excavation was backfilled with caliche and contoured to match the surrounding location.

Attached is a detailed map depicting the area of excavation and confirmation samples.

Based on the information provided, COG Operating LLC, would like to request closure of the RP numbers (1RP-4795) and (1RP-4594 associated with this release. Please feel free to contact me with any questions or concerns at (432) 215-2783.

Sincerely,



Dakota Neel  
HSE Coordinator  
[Dneel2@concho.com](mailto:Dneel2@concho.com)

Enclosed:

- 1) Site Diagram
- 2) Laboratory Analysis
- 3) C-141 Initial (Copy)
- 4) C-141 Final

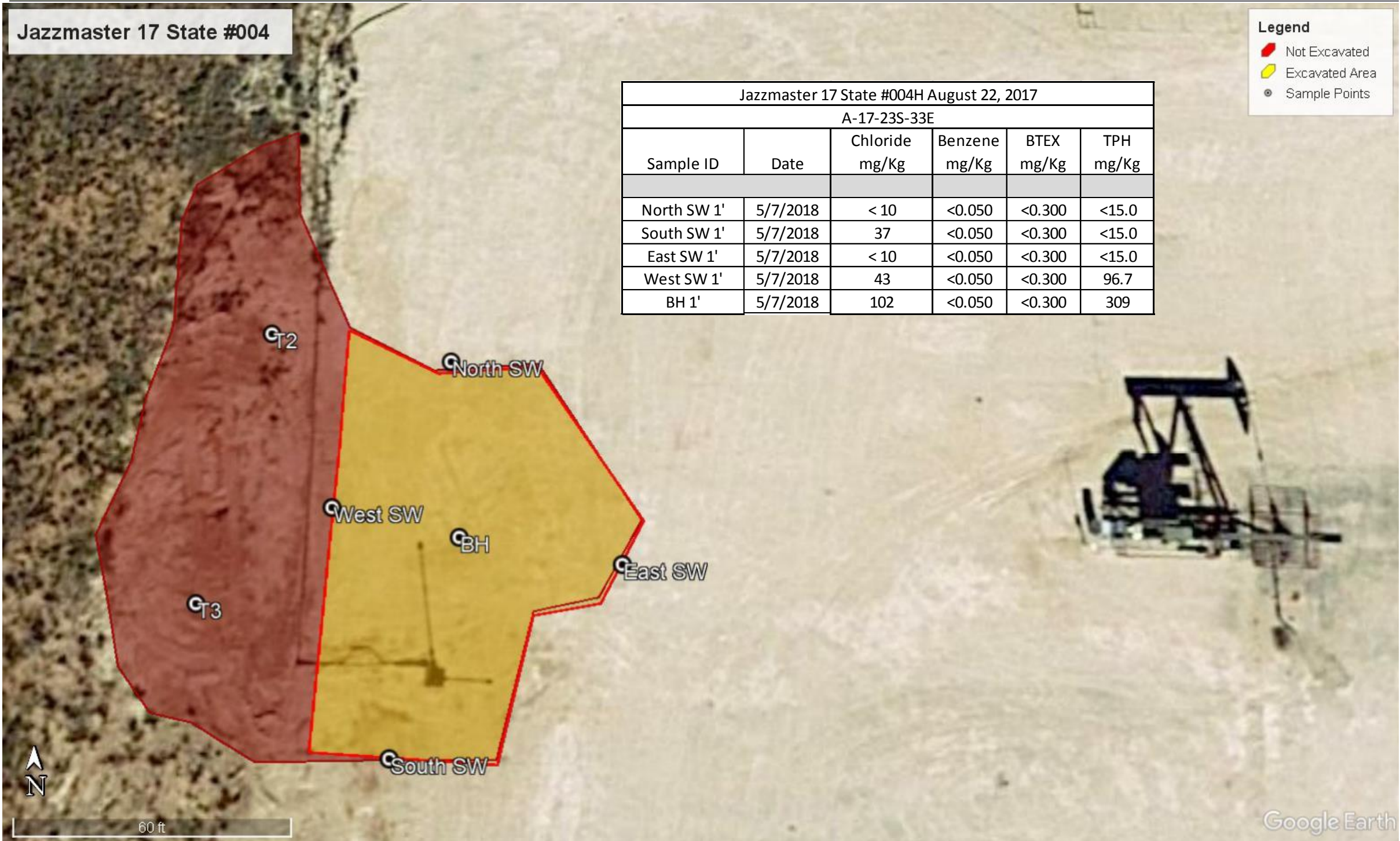
## Jazzmaster 17 State #004

Jazzmaster 17 State #004

## Legend

- Not Excavated
- Excavated Area
- Sample Points

Jazzmaster 17 State #004H August 22, 2017					
A-17-23S-33E					
Sample ID	Date	Chloride mg/Kg	Benzene mg/Kg	BTEX mg/Kg	TPH mg/Kg
North SW 1'	5/7/2018	< 10	<0.050	<0.300	<15.0
South SW 1'	5/7/2018	37	<0.050	<0.300	<15.0
East SW 1'	5/7/2018	< 10	<0.050	<0.300	<15.0
West SW 1'	5/7/2018	43	<0.050	<0.300	96.7
BH 1'	5/7/2018	102	<0.050	<0.300	309



May 14, 2018

SHELDON HITCHCOCK

COG OPERATING

P. O. BOX 1630

ARTESIA, NM 88210

RE: JAZZMASTER 17 #4

Enclosed are the results of analyses for samples received by the laboratory on 05/08/18 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. 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](http://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	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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  
P. O. BOX 1630  
ARTESIA NM, 88210Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONEReported:  
14-May-18 15:45

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NORTH SW 1'	H801269-01	Soil	07-May-18 10:30	08-May-18 12:35
SOUTH SW 1'	H801269-02	Soil	07-May-18 10:32	08-May-18 12:35
EAST SW 1'	H801269-03	Soil	07-May-18 10:34	08-May-18 12:35
WEST SW 1'	H801269-04	Soil	07-May-18 10:36	08-May-18 12:35
BH 1'	H801269-05	Soil	07-May-18 10:38	08-May-18 12:35

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

### NORTH SW 1' H801269-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8050901	MS	09-May-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8050901	MS	09-May-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	72-148		8050901	MS	09-May-18	8021B	

#### Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
Surrogate: 1-Chlorooctane			86.8 %	41-142		8050902	MS	09-May-18	8015B	
Surrogate: 1-Chlorooctadecane			79.8 %	37.6-147		8050902	MS	09-May-18	8015B	

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B805075	JDA	11-May-18	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

**SOUTH SW 1'**  
**H801269-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**
**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8050901	MS	09-May-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8050901	MS	09-May-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	72-148		8050901	MS	09-May-18	8021B	

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			92.2 %	41-142		8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			85.7 %	37.6-147		8050902	MS	09-May-18	8015B	

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

Chloride	37.0		10.0	mg/kg wet	10	B805075	JDA	11-May-18	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

### EAST SW 1' H801269-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8050901	MS	09-May-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8050901	MS	09-May-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	72-148		8050901	MS	09-May-18	8021B	

#### Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			91.2 %	41-142		8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			82.9 %	37.6-147		8050902	MS	09-May-18	8015B	

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

Chloride	<10.0		10.0	mg/kg wet	10	B805075	JDA	11-May-18	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

**WEST SW 1'**  
**H801269-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**
**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8050901	MS	09-May-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8050901	MS	09-May-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	72-148		8050901	MS	09-May-18	8021B	

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
<b>DRO &gt;C10-C28*</b>	<b>82.0</b>		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
<b>EXT DRO &gt;C28-C36</b>	<b>14.7</b>		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			85.5 %	41-142		8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			84.1 %	37.6-147		8050902	MS	09-May-18	8015B	

**Green Analytical Laboratories**
**Soluble (DI Water Extraction)**

Chloride	43.2		10.0	mg/kg wet	10	B805075	JDA	11-May-18	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

### BH 1' H801269-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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#### Cardinal Laboratories

#### Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Toluene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	8050901	MS	09-May-18	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	8050901	MS	09-May-18	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	8050901	MS	09-May-18	8021B	
<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	72-148		8050901	MS	09-May-18	8021B	

#### Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
DRO >C10-C28*	263		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
EXT DRO >C28-C36	46.3		10.0	mg/kg	1	8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctane</i>			87.8 %	41-142		8050902	MS	09-May-18	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			97.2 %	37.6-147		8050902	MS	09-May-18	8015B	

#### Green Analytical Laboratories

#### Soluble (DI Water Extraction)

Chloride	102		10.0	mg/kg wet	10	B805075	JDA	11-May-18	EPA300.0	
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Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**
**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 8050901 - Volatiles**
**Blank (8050901-BLK1)**

Prepared &amp; Analyzed: 09-May-18

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.102		mg/kg	0.100		102	72-148			

**LCS (8050901-BS1)**

Prepared &amp; Analyzed: 09-May-18

Benzene	1.71	0.050	mg/kg	2.00		85.6	79.5-124			
Toluene	1.78	0.050	mg/kg	2.00		88.8	75.5-127			
Ethylbenzene	1.79	0.050	mg/kg	2.00		89.3	77.7-125			
Total Xylenes	5.51	0.150	mg/kg	6.00		91.9	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0996		mg/kg	0.100		99.6	72-148			

**LCS Dup (8050901-BSD1)**

Prepared &amp; Analyzed: 09-May-18

Benzene	1.69	0.050	mg/kg	2.00		84.4	79.5-124	1.44	6.5	
Toluene	1.75	0.050	mg/kg	2.00		87.6	75.5-127	1.39	7.02	
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.6	77.7-125	0.779	7.83	
Total Xylenes	5.48	0.150	mg/kg	6.00		91.4	70.9-124	0.560	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.0998		mg/kg	0.100		99.8	72-148			

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Analytical Results For:

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

Project: JAZZMASTER 17 #4  
Project Number: NONE GIVEN  
Project Manager: SHELDON HITCHCOCK  
Fax To: NONE

Reported:  
14-May-18 15:45

### Petroleum Hydrocarbons by GC FID - Quality Control

#### Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 8050902 - General Prep - Organics

##### Blank (8050902-BLK1)

Prepared & Analyzed: 09-May-18

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.6		mg/kg	50.0		101	41-142			
Surrogate: 1-Chlorooctadecane	48.4		mg/kg	50.0		96.7	37.6-147			

##### LCS (8050902-BS1)

Prepared & Analyzed: 09-May-18

GRO C6-C10	189	10.0	mg/kg	200		94.4	76.5-133			
DRO >C10-C28	200	10.0	mg/kg	200		100	72.9-138			
Total TPH C6-C28	389	10.0	mg/kg	400		97.2	78-132			
Surrogate: 1-Chlorooctane	49.1		mg/kg	50.0		98.1	41-142			
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	37.6-147			

##### LCS Dup (8050902-BSD1)

Prepared & Analyzed: 09-May-18

GRO C6-C10	188	10.0	mg/kg	200		94.1	76.5-133	0.276	20.6	
DRO >C10-C28	178	10.0	mg/kg	200		89.2	72.9-138	11.5	20.6	
Total TPH C6-C28	367	10.0	mg/kg	400		91.7	78-132	5.88	18	
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		97.9	41-142			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		96.0	37.6-147			

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 or 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 damage 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  
 P. O. BOX 1630  
 ARTESIA NM, 88210

 Project: JAZZMASTER 17 #4  
 Project Number: NONE GIVEN  
 Project Manager: SHELDON HITCHCOCK  
 Fax To: NONE

 Reported:  
 14-May-18 15:45

**Soluble (DI Water Extraction) - Quality Control**
**Green Analytical Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B805075 - General Prep - Wet Chem**
**Blank (B805075-BLK1)**

Prepared &amp; Analyzed: 10-May-18

Chloride	ND	10.0	mg/kg wet							
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**LCS (B805075-BS1)**

Prepared &amp; Analyzed: 10-May-18

Chloride	235	10.0	mg/kg wet	250		94.2	85-115			
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**LCS Dup (B805075-BSD1)**

Prepared &amp; Analyzed: 10-May-18

Chloride	234	10.0	mg/kg wet	250		93.6	85-115	0.562	20	
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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

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

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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 OGRID # 229137	Contact: Robert McNeill	
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-683-7443	
Facility Name: Jazzmaster 17 State #004H	Facility Type: Tank Battery	
Surface Owner: State	Mineral Owner: State	API No. 30-025-41329

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	17	23S	33E	330	North	660	East	Lea

Latitude 32.3110809 Longitude -103.5879593

### NATURE OF RELEASE

Type of Release: Oil and Produced Water	Volume of Release: 20 bbl. Oil & 15 bbl. PW	Volume Recovered: 18 bbl. Oil & 13 bbl. PW
Source of Release: Flare	Date and Hour of Occurrence: August 22, 2017 9:00 am	Date and Hour of Discovery: August 22, 2017 9:00 am
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 / Ms. Groves - SLO	
By Whom? Rebecca Haskell	Date and Hour: August 22, 2017 1:48 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.\*

Wells came back online after power outage. Unloaded fluid with low casing pressure, causing vessels to load. With vessels loaded fluid gas was lost causing dumps to not work properly and fluid was sent to the flare.

Describe Area Affected and Cleanup Action Taken.\*

The release was on location and within the adjacent pasture. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

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:	<b><u>OIL CONSERVATION DIVISION</u></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: August 23, 2017 Phone: 432-683-7443		

\* 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

Oil Conservation Division  
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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.	432-683-7443
Facility Name:	JAZZMASTER 17 STATE #004H	Facility Type:	Flare
Surface Owner:	State	Mineral Owner:	API No. 30-025-41329

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	17	23S	33E	330'	North	660'	East	Lea

Latitude 32.3110809 Longitude 103.5879593

### NATURE OF RELEASE

Type of Release:	Oil & Produced Water	Volume of Release:	15bbls of Oil & 5bbls of Produced Water	Volume Recovered:	14bbls of Oil & 4bbls of Produced Water
Source of Release:	Flare	Date and Hour of Occurrence:	02/04/2017 10:00 am	Date and Hour of Discovery:	02/04/2017 10:00 am
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	Date and Hour:				
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.*					
FWKO dump control failed causing the fluid to go out the flare. Repaired the dump control on the FWKO.					
Describe Area Affected and Cleanup Action Taken.*					
This majority of this release occurred within a lined facility. A small mist are of 40 x 60 is located in the pasture. Vacuum trucks were dispatched to remove all freestanding fluids. Concho will have the spill area evaluated for 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:	<b>OIL CONSERVATION DIVISION</b>				
Printed Name:					
Title:	Senior HSE Coordinator	Approved by Environmental Specialist:		Approval Date:	
E-mail Address:	<a href="mailto:rgrubbs@concho.com">rgrubbs@concho.com</a>	Conditions of Approval:		Expiration Date:	
Date:	February 6, 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  
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District III  
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State of New Mexico  
Energy Minerals and Natural Resources

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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.	432-683-7443
Facility Name:	JAZZMASTER 17 STATE #004H	Facility Type:	Flare
Surface Owner:	State	Mineral Owner:	
		API No.	30-025-41329

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	17	23S	33E	330'	North	660'	East	Lea

Latitude 32.3110809 Longitude 103.5879593

### NATURE OF RELEASE

Type of Release:	Oil & Produced Water	Volume of Release:	15bbls of Oil & 5bbls of Produced Water	Volume Recovered:	14bbls of Oil & 4bbls of Produced Water
Source of Release:	Flare	Date and Hour of Occurrence:	02/04/2017 10:00 am	Date and Hour of Discovery:	02/04/2017 10:00 am
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour:			
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.\*

**APPROVED**  
**By Olivia Yu at 4:12 pm, Sep 13, 2018**



Describe Cause of Problem and Remedial Action Taken.\*

FWKO dump control failed causing the fluid to go out the flare. Repaired the dump control on the FWKO.

Describe Area Affected and Cleanup Action Taken.\*

This majority of this release occurred within a lined facility. A small mist are of 40 x 60 is located in the pasture. The following work was completed according to the approved workplan. The area of T1 was excavated to a depth of one (1) foot BGS. All of the excavated material was hauled to an NMOCD approved solid waste disposal facility. The excavation was backfilled with caliche and contoured to match the surrounding location.

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: Dakota Neel		Approved by Environmental Specialist: 	
Title: HSE Coordinator	Approval Date: 9/13/2018	Expiration Date: xx/xx/xxxx	
E-mail Address: dneel2@concho.com	Conditions of Approval: NMSLO approval		Attached <input type="checkbox"/>
Date: June 7, 2018 Phone: 575-746-2010			

\* Attach Additional Sheets If Necessary

1RP-4594

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
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Energy Minerals and Natural Resources

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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 OGRID # 229137	Contact: Robert McNeill	
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-683-7443	
Facility Name: Jazzmaster 17 State #004H	Facility Type: Tank Battery	
Surface Owner: State	Mineral Owner: State	API No. 30-025-41329

### LOCATION OF RELEASE

Unit Letter A	Section 17	Township 23S	Range 33E	Feet from the 330	North/South Line North	Feet from the 660	East/West Line East	County Lea
------------------	---------------	-----------------	--------------	----------------------	---------------------------	----------------------	------------------------	---------------

Latitude 32.3110809 Longitude -103.5879593

### NATURE OF RELEASE

Type of Release: Oil and Produced Water	Volume of Release: 20 bbl. Oil & 15 bbl. PW	Volume Recovered: 18 bbl. Oil & 13 bbl. PW
Source of Release: Flare	Date and Hour of Occurrence: August 22, 2017 9:00 am	Date and Hour of Discovery: August 22, 2017 9:00 am
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 / Ms. Groves - SLO	
By Whom? Rebecca Haskell	Date and Hour: August 22, 2017 1:48 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.*		

**APPROVED**

**By Olivia Yu at 4:09 pm, Sep 13, 2018**



Describe Cause of Problem and Remedial Action Taken.\*

Wells came back online after power outage. Unloaded fluid with low casing pressure, causing vessels to load. With vessels loaded fluid gas was lost causing dumps to not work properly and fluid was sent to the flare.

Describe Area Affected and Cleanup Action Taken.\*

The release was on location and within the adjacent pasture. A vacuum truck was dispatched to remove all freestanding fluids. The following work was completed according to the approved workplan. The area of T1 was excavated to a depth of one (1) foot BGS. All of the excavated material was hauled to an NMOCD approved solid waste disposal facility. The excavation was backfilled with caliche and contoured to match the surrounding location.

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Signature: 		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Dakota Neel		Approved by Environmental Specialist: 	
Title: HSE Coordinator	Approval Date: 9/13/2018	Expiration Date: xx/xx/xxxx	
E-mail Address: dneel2@concho.com	Conditions of Approval: NMSLO approval		Attached <input type="checkbox"/>
Date: June 7, 2018 Phone: 575-746-2010			

\* Attach Additional Sheets If Necessary

1RP-4795