

August 18, 2017

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

Shelly Tucker
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

Re: Closure Request Letter
Mas Federal #003H (1RP-4659)
API #: 30-025-42950
Unit Letter B Section 34, Township 20S, Range 34E
Lea County, NM

Ms. Yu / Ms. Tucker,

COG Operating LLC (COG) is pleased to submit for your consideration the following Closure Request for the Mas Federal #003H flare fire. The flare fire occurred on March 25, 2017 and impacted an area of pasture adjacent to the flare. This closure letter is in response to a request from the NMOCD that a soil sample be collected from the burned pasture.

On July 19, 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.

Mas Federal #3H 3/25/17					
B-34-20S-34E					
Sample ID	Date	Chloride mg/Kg	Benzene mg/Kg	BTEX mg/Kg	TPH mg/Kg
CS-1 6"	7/19/2017	<4.94	<0.00198	<0.00198	<15.0

COG Operating LLC respectfully requests that the NMOCD and BLM grant closure approval for the Mas Federal #003H Flare Fire incident that occurred on March 25, 2017. If you have any questions or concerns please contact me.

APPROVED*By Olivia Yu at 8:09 am, Mar 13, 2018***NMOCD grants closure
to 1RP-4659.**

Sincerely,

A handwritten signature in blue ink that reads "Rebecca Haskell". The signature is written in a cursive style.

Rebecca Haskell
Senior HSE Coordinator
rhaskell@concho.com



Enclosed:

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

Mas Federal #3H

Flare Sample

Legend

-  Misted Area
-  SP-1 6"

32.535713 -103.548566

SP-1 6"

Google earth

© 2017 Google



90 ft



Certificate of Analysis Summary 558120

COG Operating, LLC, Midland, TX

Project Name: Mas Federal #3H



Project Id:

Contact: Rebecca Haskell

Project Location: Lea County, New Mexico

Date Received in Lab: Thu Jul-20-17 03:54 pm

Report Date: 28-JUL-17

Project Manager: Kelsey Brooks

Analysis Requested	Lab Id:	558120-001					
	Field Id:	CS-1 6"					
	Depth:	6- In					
	Matrix:	SOIL					
	Sampled:	Jul-19-17 00:00					
BTEX by EPA 8021B	Extracted:	Jul-25-17 09:00					
	Analyzed:	Jul-25-17 17:30					
	Units/RL:	mg/kg RL					
	Benzene	<0.00198 0.00198					
	Toluene	<0.00198 0.00198					
	Ethylbenzene	<0.00198 0.00198					
	m,p-Xylenes	<0.00396 0.00396					
	o-Xylene	<0.00198 0.00198					
	Total Xylenes	<0.00198 0.00198					
	Total BTEX	<0.00198 0.00198					
Inorganic Anions by EPA 300/300.1	Extracted:	Jul-25-17 12:45					
	Analyzed:	Jul-25-17 19:18					
	Units/RL:	mg/kg RL					
	Chloride	<4.94 4.94					
TPH By SW8015 Mod	Extracted:	Jul-26-17 11:00					
	Analyzed:	Jul-26-17 13:56					
	Units/RL:	mg/kg RL					
	Gasoline Range Hydrocarbons (GRO)	<15.0 15.0					
	Diesel Range Organics (DRO)	<15.0 15.0					
	Oil Range Hydrocarbons (ORO)	<15.0 15.0					
	Total TPH	<15.0 15.0					

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - San Antonio - Atlanta - Tampa - Boca Raton - Latin America - Odessa - Corpus Christi

Kelsey Brooks
Project Manager

Analytical Report 558120

**for
COG Operating, LLC**

Project Manager: Rebecca Haskell

Mas Federal #3H

28-JUL-17

Collected By: Client



1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215), Arizona (AZ0765), Florida (E871002), Louisiana (03054)
Oklahoma (9218)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400)
Xenco-San Antonio: Texas (T104704534)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Phoenix Mobile (EPA Lab code: AZ00901): Arizona (AZM757)



28-JUL-17

Project Manager: **Rebecca Haskell**

COG Operating, LLC

600 W Illinois

Midland, TX 79701

Reference: XENCO Report No(s): **558120**

Mas Federal #3H

Project Address: Lea County, New Mexico

Rebecca Haskell:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 558120. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 558120 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks

Project Manager

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Sample Cross Reference 558120



COG Operating, LLC, Midland, TX

Mas Federal #3H

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CS-1 6"	S	07-19-17 00:00	6 In	558120-001



CASE NARRATIVE

Client Name: COG Operating, LLC

Project Name: Mas Federal #3H

Project ID:

Work Order Number(s): 558120

Report Date: 28-JUL-17

Date Received: 07/20/2017

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3023231 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Certificate of Analytical Results 558120



COG Operating, LLC, Midland, TX

Mas Federal #3H

Sample Id: **CS-1 6"**
Lab Sample Id: 558120-001

Matrix: Soil
Date Collected: 07.19.17 00.00

Date Received: 07.20.17 15.54
Sample Depth: 6 In

Analytical Method: Inorganic Anions by EPA 300/300.1

Tech: RHE

Analyst: MGO

Seq Number: 3023232

Date Prep: 07.25.17 12.45

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.94	4.94	mg/kg	07.25.17 19.18	U	1

Analytical Method: TPH By SW8015 Mod

Tech: ARM

Analyst: ARM

Seq Number: 3023421

Date Prep: 07.26.17 11.00

Prep Method: TX1005P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<15.0	15.0	mg/kg	07.26.17 13.56	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.26.17 13.56	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	07.26.17 13.56	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.26.17 13.56	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	126	%	70-135	07.26.17 13.56	
o-Terphenyl	84-15-1	90	%	70-135	07.26.17 13.56	



Certificate of Analytical Results 558120



COG Operating, LLC, Midland, TX

Mas Federal #3H

Sample Id: **CS-1 6"**
Lab Sample Id: 558120-001

Matrix: Soil
Date Collected: 07.19.17 00.00

Date Received: 07.20.17 15.54
Sample Depth: 6 In

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 07.25.17 09.00

Basis: Wet Weight

Seq Number: 3023231

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	07.25.17 17.30	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	07.25.17 17.30	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	07.25.17 17.30	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	07.25.17 17.30	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	07.25.17 17.30	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	07.25.17 17.30	U	1
Total BTEX		<0.00198	0.00198	mg/kg	07.25.17 17.30	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	119	%	80-120	07.25.17 17.30		
1,4-Difluorobenzene	540-36-3	100	%	80-120	07.25.17 17.30		

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

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(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(432) 563-1800	(432) 563-1713
(602) 437-0330	



QC Summary 558120

COG Operating, LLC Mas Federal #3H

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3023232

Matrix: Solid

Prep Method: E300P

MB Sample Id: 728189-1-BLK

LCS Sample Id: 728189-1-BKS

Date Prep: 07.25.17

LCSD Sample Id: 728189-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	250	100	249	100	90-110	0	20	mg/kg	07.25.17 18:32	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3023232

Matrix: Soil

Prep Method: E300P

Parent Sample Id: 558119-001

MS Sample Id: 558119-001 S

Date Prep: 07.25.17

MSD Sample Id: 558119-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<4.98	249	267	107	265	106	90-110	1	20	mg/kg	07.25.17 18:55	

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3023232

Matrix: Soil

Prep Method: E300P

Parent Sample Id: 558155-004

MS Sample Id: 558155-004 S

Date Prep: 07.25.17

MSD Sample Id: 558155-004 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<4.98	249	296	119	296	119	90-110	0	20	mg/kg	07.25.17 20:43	X

Analytical Method: TPH By SW8015 Mod

Seq Number: 3023421

Matrix: Solid

Prep Method: TX1005P

MB Sample Id: 728351-1-BLK

LCS Sample Id: 728351-1-BKS

Date Prep: 07.26.17

LCSD Sample Id: 728351-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	1030	103	1020	102	70-135	1	35	mg/kg	07.26.17 11:57	
Diesel Range Organics (DRO)	<15.0	1000	1020	102	1030	103	70-135	1	35	mg/kg	07.26.17 11:57	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	125		128		127		70-135	%	07.26.17 11:57
o-Terphenyl	92		101		90		70-135	%	07.26.17 11:57



QC Summary 558120

COG Operating, LLC Mas Federal #3H

Analytical Method: TPH By SW8015 Mod

Seq Number: 3023421

Parent Sample Id: 558118-001

Matrix: Soil

MS Sample Id: 558118-001 S

Prep Method: TX1005P

Date Prep: 07.26.17

MSD Sample Id: 558118-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	1010	101	978	98	70-135	3	35	mg/kg	07.26.17 12:57	
Diesel Range Organics (DRO)	<15.0	1000	1080	108	1030	103	70-135	5	35	mg/kg	07.26.17 12:57	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	113		114		70-135	%	07.26.17 12:57
o-Terphenyl	76		77		70-135	%	07.26.17 12:57

Analytical Method: BTEX by EPA 8021B

Seq Number: 3023231

MB Sample Id: 728221-1-BLK

Matrix: Solid

LCS Sample Id: 728221-1-BKS

Prep Method: SW5030B

Date Prep: 07.25.17

LCSD Sample Id: 728221-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.112	112	0.114	114	70-130	2	35	mg/kg	07.25.17 09:24	
Toluene	<0.00200	0.0998	0.115	115	0.116	116	70-130	1	35	mg/kg	07.25.17 09:24	
Ethylbenzene	<0.00200	0.0998	0.121	121	0.123	123	71-129	2	35	mg/kg	07.25.17 09:24	
m,p-Xylenes	<0.00399	0.200	0.235	118	0.239	119	70-135	2	35	mg/kg	07.25.17 09:24	
o-Xylene	<0.00200	0.0998	0.120	120	0.124	124	71-133	3	35	mg/kg	07.25.17 09:24	

Surrogate

	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		89		95		80-120	%	07.25.17 09:24
4-Bromofluorobenzene	107		101		113		80-120	%	07.25.17 09:24

Analytical Method: BTEX by EPA 8021B

Seq Number: 3023231

Parent Sample Id: 558118-001

Matrix: Soil

MS Sample Id: 558118-001 S

Prep Method: SW5030B

Date Prep: 07.25.17

MSD Sample Id: 558118-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0767	77	0.0909	91	70-130	17	35	mg/kg	07.25.17 10:01	
Toluene	<0.00199	0.0996	0.0783	79	0.0902	90	70-130	14	35	mg/kg	07.25.17 10:01	
Ethylbenzene	<0.00199	0.0996	0.0809	81	0.0906	91	71-129	11	35	mg/kg	07.25.17 10:01	
m,p-Xylenes	<0.00398	0.199	0.157	79	0.173	87	70-135	10	35	mg/kg	07.25.17 10:01	
o-Xylene	<0.00199	0.0996	0.0820	82	0.0865	87	71-133	5	35	mg/kg	07.25.17 10:01	

Surrogate

	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	101		102		80-120	%	07.25.17 10:01
4-Bromofluorobenzene	115		120		80-120	%	07.25.17 10:01

CHAIN OF CUSTODY

Page 121

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Phoenix: Arizona (480-355-0900)

Xenco Quote #

Xenco Job #

$$\begin{array}{r} 18 \ 558120 \\ - 55812 \\ \hline \end{array}$$

Client / Reporting Information						Project Information						Analytical Information			Matrix Codes						
Company Name / Branch:			Concho			Project Name/Number:			Mas Federal #3H												
Company Address:			600 W. Illinois Avenue Midland , Texas			Project Location:			Lea County, New Mexico												
Email:			rhaskell@concho.com			Invoice To:			Concho												
Phone No:			(432) 556-5130																		
Project Contact:			Rebecca Haskell			PO Number:															
Samplers's Name			Robert Grubbs Jr																		
No.	Field ID / Point of Collection					Collection		Number of preserved bottles													
	Sample Depth	Date	Time	Matrix	# of bottles	ICE	NaOH/Zn Acetate	HNO3	H2SO4	NaOH	NaHSO4	MEOH	NONE								
1	CS-1 6"	7/19/2017		Soil	1	X								X	Clorides E300						
2														X	BTEX 8021						
3														X	TPH 8015 Ext						
4																					
5																					
6																					
7																					
8																					
9																					
10																					
Turnaround Time (Business days)						Data Deliverable Information						N									
<input type="checkbox"/> Same Day TAT						<input checked="" type="checkbox"/> 5 Day TAT															
<input type="checkbox"/> Next Day EMERGENCY						<input type="checkbox"/> 7 Day TAT															
<input type="checkbox"/> 2 Day EMERGENCY						<input type="checkbox"/> Contract TAT															
<input type="checkbox"/> 3 Day EMERGENCY						<input type="checkbox"/> TRRP Checklist															
TAT Starts Day received by Lab, if received by 5:00 pm												FED-EX / UPS: Tracking #									
Relinquished by Sampler:												SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION, INCLUDING COURIER DELIVERY									
Date Time: 7/20/17 1:50 P												Received By: Rebecca Haskell					Date Time: 7/20/17 1:50 P				
Relinquished by:												Received By:					Date Time:				
3												3					4				
Relinquished by:												Custody Seal #					On Ice				
5												5					Cooler Temp.				
																	Thermo. Corr. Factor				



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In



Client: COG Operating, LLC

Date/ Time Received: 07/20/2017 03:54:00 PM

Work Order #: 558120

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist

Comments

#1 *Temperature of cooler(s)?	1
#2 *Shipping container in good condition?	Yes
#3 *Samples received on ice?	Yes
#4 *Custody Seal present on shipping container/ cooler?	N/A
#5 *Custody Seals intact on shipping container/ cooler?	N/A
#6 Custody Seals intact on sample bottles?	N/A
#7 *Custody Seals Signed and dated?	N/A
#8 *Chain of Custody present?	Yes
#9 Sample instructions complete on Chain of Custody?	Yes
#10 Any missing/extra samples?	No
#11 Chain of Custody signed when relinquished/ received?	Yes
#12 Chain of Custody agrees with sample label(s)?	Yes
#13 Container label(s) legible and intact?	Yes
#14 Sample matrix/ properties agree with Chain of Custody?	Yes
#15 Samples in proper container/ bottle?	Yes
#16 Samples properly preserved?	Yes
#17 Sample container(s) intact?	Yes
#18 Sufficient sample amount for indicated test(s)?	Yes
#19 All samples received within hold time?	Yes
#20 Subcontract of sample(s)?	No
#21 VOC samples have zero headspace?	N/A

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Shawnee Smith

Date: 07/21/2017

Checklist reviewed by:

Kelsey Brooks

Date: 07/21/2017

Rebecca Haskell

From: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Sent: Friday, March 31, 2017 9:07 AM
To: Rebecca Haskell; stucker@blm.gov
Cc: Oberding, Tomas, EMNRD; Jim Amos (jamos@blm.gov)
Subject: [External] RE: (Notiication) (Flare Fire) Mas Federal #3 3//25/17 30-025-42950
Attachments: 1RP4659.pdf

**** External email. Use caution. ****

Dear Ms. Haskell:

This fire flare has been issued a 1RP-4659. The final C-141 will not be accepted until NMOCD receives laboratory analyses of a soil sample taken from the burned pasture. Please see the attachment for your records.

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Rebecca Haskell [<mailto:RHaskell@concho.com>]
Sent: Sunday, March 26, 2017 1:21 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; stucker@blm.gov
Cc: Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Jim Amos (jamos@blm.gov) <jamos@blm.gov>
Subject: (Notiication) (Flare Fire) Mas Federal #3 3//25/17 30-025-42950

Ms. YU / Ms. TUCKER,

COG OPERATING LLC IS REPORTING A RELEASE AT THE MAS FEDERAL #3 (30-025-42950)
UNIT B SECTION 34 TOWNSHIP 20S RANGE 34E
OGRID# [229137]
THE RELEASE OCCURRED AT APPROXIMATELY 3/25/2017 6:00:00 AM
ESTIMATED RELEASED: APPROX: .2BBLS OF OIL
ESTIMATED RECOVERED: APPROX: 0BBLS OF OIL (NO FLUID WAS RECOVERED DUE TO THE FIRE BURNING OFF ANY FREE FLUID).

THE RELEASE WAS CAUSED BY A PUMP FAILURE RESULTING IN A HIGH PRESSURE SEPARATOR FAILURE. THIS AREA IS BEING EVALUATED AND A C-141 WILL BE SUBMITTED. IF YOU HAVE ANY ADDITIONAL QUESTIONS.

THANK YOU,

Becky Haskell

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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.	432-683-7443
Facility Name:	Mas Federal #3H	Facility Type:	Tank Battery

Surface Owner:	Federal	Mineral Owner:		API No.	30-025-42950
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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
B	34	20S	34E	190	North	2310	East	Lea

Latitude 32.535713 Longitude 103.548566

NATURE OF RELEASE

Type of Release:	Oil & Produced Water	Volume of Release:	EST. 0.2 bbls Oil & 0.1 bbls PW	Volume Recovered:	0 bbls
Source of Release:	Flare	Date and Hour of Occurrence:	March 25, 2017 5:00 am	Date and Hour of Discovery:	March 25, 2017 5:00 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. Tucker BLM		
By Whom?	Rebecca Haskell	Date and Hour:	March 26, 2017 1:21 am		
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 8:15 am, Mar 13, 2018

Describe Cause of Problem and Remedial Action Taken.*

This release was caused by a dump failure which resulted in a high pressure separator failure.

Describe Area Affected and Cleanup Action Taken.*

This release was located in the pasture. No fluid to recover due to the fire burning off any standing fluids. The pasture was sampled on July 18, 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>	OIL CONSERVATION DIVISION		
Printed Name: Rebecca Haskell	Approved by Environmental Specialist: <i>oy</i>		
Title: Senior HSE Coordinator	Approval Date: 3/13/2018	Expiration Date: xx/xx/xxxx	
E-mail Address: rhaskell@concho.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: August 18, 2017 Phone: 432-683-7443			

* Attach Additional Sheets If Necessary

1RP-4659