

From: [Price, Henryetta](#)
To: [Bratcher, Mike, EMNRD](#)
Cc: [Rebecca Haskell](#); [Weaver, Crystal, EMNRD](#); [Dakota Neel](#); [Sheldon Hitchcock](#); [Aaron Lieb](#)
Subject: [External] Re: (Closure Request) Road Runner Federal #001H Tank Battery (Flare Fire) 6-30-17 (30-015-43133)
Date: Friday, November 3, 2017 4:19:19 PM
Attachments: [image001.jpg](#)

Hey Becky,

Closure request is approved.

If the affected pasture does not re-vegetate, COG will be responsible for rehabilitation of the impacted area to meet BLM reclamation objectives.

Thanks.

Henryetta Price

Environmental Protection Specialist

Bureau Of Land Management

Hprice@blm.gov

Phone 575-234-5951

Cell 575-706-2780

Fax 575-234-5927

On Thu, Nov 2, 2017 at 8:33 AM, Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us> wrote:

RE: COG * Road Runner Federal 1H * 2RP-to be assigned * DOR: 6/30/2017

Rebecca,

For some reason, the initial C-141 was not processed, so at this time there is not an RP number for it. I will get it processed and if you want, I can send you the number, once assigned. Your request for closure of the incident is approved. Federal sites will require like approval from BLM.

Thank you,

Mike Bratcher

NMOCD District 2

[811 South First Street](#)

[Artesia, NM 88210](#)

[575-748-1283](#) Ext 108

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: Tuesday, October 24, 2017 9:40 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Price, Henryetta <hprice@blm.gov>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

Cc: Dakota Neel <DNeel2@concho.com>; Sheldon Hitchcock <SHitchcock@concho.com>; Aaron Lieb <ALieb@concho.com>

Subject: (Closure Request) Road Runner Federal #001H Tank Battery (Flare Fire) 6-30-17 (30-015-43133)

Mr. Bratcher / Ms. Price,

Please find the attached Closure Request Letter for your consideration. This is for a flare fire that impacted the adjacent pasture that occurred on June 30, 2017. If you have any questions or concerns please contact me.

Thank You,

Becky Haskell

Senior HSE Coordinator

COG Operating LLC

[600 W Illinois Avenue | Midland, TX 79701](#)

Direct: 432-818-2372 | Main: 432.683.7443

Cell: 432-556-5130

rhaskell@concho.com



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From: Weaver, Crystal, EMNRD [<mailto:Crystal.Weaver@state.nm.us>]

Sent: Friday, July 07, 2017 2:13 PM

To: Rebecca Haskell

Cc: Billings, Bradford, EMNRD; Oberding, Tomas, EMNRD; Yu, Olivia, EMNRD; Bratcher, Mike, EMNRD

Subject: [External] RE: (C-141 Initial/Final) Road Runner Federal #001H Tank Battery (Flare Fire) 6-30-17 (30-015-43133)

Hello Becky,

More specifically if it hits ground in the pasture (i.e. anywhere off location) and it is an incident where production liquids passed thru a flare then regardless of what volume is stated we are requiring a lab sample be taken, in order to process closure.

I hope that helps clarify and that it answers your question.

Thank you,

Crystal Weaver

Environmental Specialist

OCD – Artesia District II

811 S. 1st Street

Artesia, NM 88210

Office: 575-748-1283 ext. 101

Cell: 575-840-5963

Fax: 575-748-9720

From: Rebecca Haskell [<mailto:RHaskell@concho.com>]

Sent: Friday, July 7, 2017 11:27 AM

To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

Subject: RE: (C-141 Initial/Final) Road Runner Federal #001H Tank Battery (Flare Fire) 6-30-17 (30-015-43133)

Hello,

Ms. Weaver,

Is this the case even when the impact remained on location and a non-reportable amount of fluid is released?

Thank You,

Becky Haskell

Senior HSE Coordinator

COG Operating LLC

[600 W Illinois Avenue | Midland, TX 79701](#)

Direct: 432-818-2372 | Main: 432.683.7443

Cell: 432-556-5130

rhaskell@concho.com



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From: Weaver, Crystal, EMNRD [<mailto:Crystal.Weaver@state.nm.us>]

Sent: Friday, July 07, 2017 12:20 PM

To: Rebecca Haskell; stucker@blm.gov

Cc: Bratcher, Mike, EMNRD; Jim Amos (jamos@blm.gov); Oberding, Tomas, EMNRD; Billings, Bradford, EMNRD

Subject: [External] RE: (C-141 Initial/Final) Road Runner Federal #001H Tank Battery (Flare Fire) 6-30-17 (30-015-43133)

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

Hello Becky,

Among OCD members it has been a topic of uncertainty on what will be required in order to process C-141 initial/finals when production fluid contents passed thru a flare and maintain a volume sufficient enough to allow for contact with the ground. It has been concluded that in this senario OCD will require one laboratory sample be collected from around 0-6 inches deep within the most impacted area and the results be submitted to OCD before the initial/final C-141 will be processed.

Therefore, with that being stated, I look forward to the receipt of a laboratory sample validating closure of this incident.

If you have any questions or concerns please contact me.

Thank you,

Crystal Weaver

Environmental Specialist

OCD – Artesia District II

811 S. 1st Street

Artesia, NM 88210

Office: 575-748-1283 ext. 101

Cell: 575-840-5963

Fax: 575-748-9720

From: Rebecca Haskell [<mailto:RHaskell@concho.com>]

Sent: Monday, July 3, 2017 9:30 AM

To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; stucker@blm.gov

Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Jim Amos (jamos@blm.gov)
<jamos@blm.gov>

Subject: (C-141 Initial/Final) Road Runner Federal #001H Tank Battery (Flare Fire) 6-30-17 (30-015-43133)

Ms. Weaver / Ms. Tucker,

Please find the attached C-141 for your consideration. If you have any questions or concerns please feel free to contact me.

Thank You,

Becky Haskell

Senior HSE Coordinator

COG Operating LLC

[600 W Illinois Avenue | Midland, TX 79701](#)

Direct: 432-818-2372 | Main: 432.683.7443

Cell: 432-556-5130

rhaskell@concho.com



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From: Rebecca Haskell

Sent: Saturday, July 01, 2017 12:40 PM

To: Weaver, Crystal, EMNRD; stucker@blm.gov

Cc: Mike Bratcher (Mike.Bratcher@state.nm.us); Jim Amos (jamos@blm.gov)

Subject: (Notification-Flare Fire) Road Runner Federal #001H Tank Battery 6-30-17 (30-015-43133)

Ms. Weaver / Ms. Tucker,

COG Production LLC is reporting a Flare Fire / Release at the Road Runner FEDERAL CTB Battery (30-015-43133)

Unit P Section 25 Township 25S Range 26E

OGRID# [217955]

The release occurred on 6/30/2017 at approximately 3:00:00 PM

Estimated Released: Approx: 1.5 bbl of Oil

Estimated Recovered: Approx: 0 bbls of Oil (No fluid was recovered due to the fire burning off any free fluid).

The release was caused by a vessel upset resulting in oil being sent to the flare. The fire remained underneath the flare within the bermed area, on the location and within the adjacent pasture. This area is being evaluated and a C-141 will be submitted. If you have any additional questions please don't hesitate to contact me.

Thank You,

Becky Haskell

Senior HSE Coordinator

COG Operating LLC

[600 W Illinois Avenue | Midland, TX 79701](#)

Direct: 432-818-2372 | Main: 432.683.7443

Cell: 432-556-5130

rhaskell@concho.com



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[Rebecca Haskell]
[Senior HSE Coordinator]

October 24, 2017

Mike Bratcher
Oil Conservation Division, District II
811 S. 1st Street
Artesia, NM 88210

Henryetta Price
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220

Re: Closure Request Letter
Road Runner Federal #001H
API #: 30-015-43133
Unit Letter P, Section 25, Township 25S, Range 26E
Lea County, NM

Mr. Bratcher / Ms. Price,

COG Operating LLC (COG) is pleased to submit for your consideration the following Closure Request for the Road Runner Federal #001H Flare Fire. The flare fire occurred on June 30, 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 July 18, 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.

Road Runner Federal #001H June 30, 2017					
P-25-25S-26E					
Sample ID	Date	Chloride mg/Kg	Benzene mg/Kg	BTEX mg/Kg	TPH mg/Kg
CS-1 6"	7/18/2017	<4.93	<0.00201	<00201	<15.0

COG Operating LLC respectfully requests that the NMOCD and Bureau of Land Management (BLM) grant closure approval for the Road Runner Federal #001H Flare Fire incident that occurred on June 30, 2017. If you have any questions or concerns please contact me.

October 24, 2017

Sincerely,





Rebecca Haskell
Senior HSE Coordinator
rhaskell@concho.com

Enclosed:

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

Road Runner CTB

Legend

-  Over Spray
-  SP-1

SP-1

Google earth

Released to Imaging: 11/29/2022 2:35:47 PM

300 ft





Certificate of Analysis Summary 558118

COG Operating, LLC, Midland, TX

Project Name: Road Runner CTB



Project Id:

Contact: Rebecca Haskell

Project Location: Eddy 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:	558118-001					
	Field Id:	CS-1 6"					
	Depth:	6- In					
	Matrix:	SOIL					
	Sampled:	Jul-18-17 00:00					
BTEX by EPA 8021B	Extracted:	Jul-25-17 09:00					
	Analyzed:	Jul-25-17 11:36					
	Units/RL:	mg/kg RL					
Benzene		<0.00201 0.00201					
Toluene		<0.00201 0.00201					
Ethylbenzene		<0.00201 0.00201					
m,p-Xylenes		<0.00402 0.00402					
o-Xylene		<0.00201 0.00201					
Total Xylenes		<0.00201 0.00201					
Total BTEX		<0.00201 0.00201					
Inorganic Anions by EPA 300/300.1	Extracted:	Jul-26-17 13:30					
	Analyzed:	Jul-26-17 16:28					
	Units/RL:	mg/kg RL					
Chloride		<4.93 4.93					
TPH By SW8015 Mod	Extracted:	Jul-26-17 11:00					
	Analyzed:	Jul-26-17 12:37					
	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

Version: 1.9%

Kelsey Brooks
Project Manager

Analytical Report 558118

for
COG Operating, LLC

Project Manager: Rebecca Haskell

Road Runner CTB

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): **558118**

Road Runner CTB

Project Address: Eddy 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) 558118. 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. 558118 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,

A handwritten signature in black ink that reads 'Kelsey Brooks'.

Kelsey Brooks

Project Manager

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Sample Cross Reference 558118



COG Operating, LLC, Midland, TX

Road Runner CTB

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
CS-1 6"	S	07-18-17 00:00	6 In	558118-001



CASE NARRATIVE

Client Name: COG Operating, LLC

Project Name: Road Runner CTB

Project ID:

Work Order Number(s): 558118

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 558118



COG Operating, LLC, Midland, TX

Road Runner CTB

Sample Id: **CS-1 6"**
Lab Sample Id: 558118-001

Matrix: Soil
Date Collected: 07.18.17 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: 07.26.17 13.30

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<4.93	4.93	mg/kg	07.26.17 16.28	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 12.37	U	1
Diesel Range Organics (DRO)	C10C28DRO	<15.0	15.0	mg/kg	07.26.17 12.37	U	1
Oil Range Hydrocarbons (ORO)	PHCG2835	<15.0	15.0	mg/kg	07.26.17 12.37	U	1
Total TPH	PHC635	<15.0	15.0	mg/kg	07.26.17 12.37		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-135	07.26.17 12.37	
o-Terphenyl	84-15-1	82	%	70-135	07.26.17 12.37	



Certificate of Analytical Results 558118



COG Operating, LLC, Midland, TX

Road Runner CTB

Sample Id: **CS-1 6"**
Lab Sample Id: 558118-001

Matrix: Soil
Date Collected: 07.18.17 00.00

Date Received: 07.20.17 15.54
Sample Depth: 6 In

Analytical Method: BTEX by EPA 8021B

Tech: ALJ

Analyst: ALJ

Seq Number: 3023231

Date Prep: 07.25.17 09.00

Prep Method: SW5030B

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	07.25.17 11.36	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	07.25.17 11.36	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	07.25.17 11.36	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	07.25.17 11.36	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	07.25.17 11.36	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	07.25.17 11.36	U	1
Total BTEX		<0.00201	0.00201	mg/kg	07.25.17 11.36	U	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene	460-00-4	116	%	80-120	07.25.17 11.36		
1,4-Difluorobenzene	540-36-3	98	%	80-120	07.25.17 11.36		



Flagging Criteria



- 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 **SQL** 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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 9701 Harry Hines Blvd, Dallas, TX 75220
 5332 Blackberry Drive, San Antonio TX 78238
 1211 W Florida Ave, Midland, TX 79701
 2525 W. Huntington Dr. - Suite 102, Tempe AZ 85282

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(432) 563-1800	(432) 563-1713
(602) 437-0330	



COG Operating, LLC
Road Runner CTB

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



COG Operating, LLC
Road Runner CTB

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

[illegible]



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In



Client: COG Operating, LLC

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

Work Order #: 558118

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

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 OGRID # 229137	Contact: Robert McNeill	
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-683-7443	
Facility Name: Road Runner Federal #001H	Facility Type: Tank Battery	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-43133

LOCATION OF RELEASE

Unit Letter P	Section 25	Township 25S	Range 26E	Feet from the 190	North/South Line South	Feet from the 380	East/West Line East	County Eddy
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Latitude 32.09404582 Longitude -104.2391961

NATURE OF RELEASE

Type of Release: Oil (Fire)	Volume of Release: Est. 1.5 bbl.	Volume Recovered: 0 bbl.
Source of Release: Flare	Date and Hour of Occurrence: June 30, 2017 3:00 pm	Date and Hour of Discovery: June 30, 2017 3:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Ms. Weaver – NMOCD / Ms. Tucker – BLM	
By Whom? Rebecca Haskell	Date and Hour: July 1, 2017 11:40 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.*

Describe Cause of Problem and Remedial Action Taken.*

The release was due to a vessel upset resulting in oil being sent to the flare. Testing equipment, meters, stainless lines, Kimrays, and flare line were cleaned out.

Describe Area Affected and Cleanup Action Taken.*

The fire impacted an area of pasture at edge of location, within the flare containment berm and on location. 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>	OIL CONSERVATION DIVISION	
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:	Attached <input type="checkbox"/>
Date: July 3, 2017 Phone: 432-683-7443		

Attach Additional Sheets If Necessary

Page 26 of 27
Received by OCD: 11/29/2022 2:32:44 PM
Released to Imaging: 11/29/2022 2:35:47 PM

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

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Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
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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: Road Runner Federal #001H	Facility Type: Tank Battery	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-43133

LOCATION OF RELEASE

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By Whom? Rebecca Haskell	Date and Hour: July 1, 2017 11:40 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.*		
Describe Cause of Problem and Remedial Action Taken.*		
The release was due to a vessel upset resulting in oil being sent to the flare. Testing equipment, meters, stainless lines, Kimrays, and flare line were cleaned out.		
Describe Area Affected and Cleanup Action Taken.*		
The fire impacted an area of pasture at edge of location, within the flare containment berm and on location. No fluids were recovered due to the fire burning off any standing fluid. 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:	
Title: Senior HSE Coordinator	Approval Date:	Expiration Date:
E-mail Address: rhaskell@concho.com	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 162251

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 162251
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	11/29/2022