

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was an **illegal dump** on a COG location.

The release was on location. A vacuum truck was dispatched to remove all freestanding fluids. Concho will evaluate the site to determine if we may commence remediation immediately or 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.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.	
Printed Name: _____	Title: _____
Signature: <u>Delann Grant</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u> Received by: <u>Anaht B. Ramante</u>	
Date: _____	

******* LIQUID SPILLS - VOLUME CALCULATIONS *******

Location of spill: COG - Graham Cracker State 2P CTB

Date of Spill: 15-Nov-2018

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0 BBL WATER: 0.0 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations							Standing Liquid Calculations						
Total Surface Area		width	length	wet soil		oil (%)	Standing Liquid Area		width	length	liquid depth	oil (%)	
	Rectangle Area #1	50 ft	75 ft	X	3.75 in	0.0%		Rectangle Area #1	0 ft	X	0 ft	0.00 in	0%
	Rectangle Area #2	0 ft	X	0 ft	X	0.00 in	0%		Rectangle Area #2	0 ft	X	0 in	0%
	Rectangle Area #3	0 ft	X	0 ft	X	0.0 in	0%		Rectangle Area #3	0 ft	X	0 in	0%
	Rectangle Area #4	0 ft	X	0 ft	X	0.0 in	0%		Rectangle Area #4	0 ft	X	0 in	0%
	Rectangle Area #5	0 ft	X	0 ft	X	0.0 in	0%		Rectangle Area #5	0 ft	X	0 in	0%
	Rectangle Area #6	0 ft	X	0 ft	X	0 in	0%		Rectangle Area #6	0 ft	X	0 in	0%
	Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%		Rectangle Area #7	0 ft	X	0 in	0%
	Rectangle Area #8	0 ft	X	0 ft	X	0 in	0%		Rectangle Area #8	0 ft	X	0 in	0%

0.1

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil 0 BBL Water 0 BBL 0 Gas (MCFD)

Total Hydrocarbon Content in gas: 0% (percentage)

Did leak occur before the separator?: ☒ YES ☒ N/A (place an "X")

H2S Content in Produced Gas: 0 PPM

H2S Content in Tank Vapors: 0 PPM

Amount of Free Liquid Recovered: 0 BBL okay

Percentage of Oil in Free Liquid Recovered: 0% (percentage)

Liquid holding factor *: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.

* Sand = **0.08** gallon (gal.) liquid per gal. volume of soil.
 * Gravelly (caliche) loam = **0.14** gal. liquid per gal. volume of soil.
 * Sandy clay loam soil = **0.14** gal liquid per gal. volume of soil.
 * Clay loam = **0.16** gal. liquid per gal. volume of soil.

Use the following when the liquid completely fills the pore space of the soil:

Occurs when the spill soaked soil is contained by barriers, natural (or not).
 * Clay loam = **0.20** gal. liquid per gal. volume of soil.
 * Gravelly (caliche) loam = **0.25** gal. liquid per gal. volume of soil.
 * Sandy loam = **0.5** gal. liquid per gal. volume of soil.

Total Solid/Liquid Volume:	<u>3,750</u> sq. ft.	<u>1,172</u> cu. ft.	cu. ft.	Total Free Liquid Volume:	sq. ft.	cu. ft.	cu. ft.
Estimated Volumes Spilled				Estimated Production Volumes Lost			
		<u>H2O</u>	<u>OIL</u>			<u>H2O</u>	<u>OIL</u>
Liquid in Soil:		<u>29.2</u> BBL	<u>0.0</u> BBL	Estimated Production Spilled:		<u>0.0</u> BBL	<u>0.0</u> BBL
Free Liquid:		<u>0.0</u> BBL	<u>0.0</u> BBL				
Totals:		<u>29.2</u> BBL	<u>0.0</u> BBL	Estimated Surface Damage			
				Surface Area:	<u>3,750</u> sq. ft.		
Total Liquid Spill Liquid:	<u>29.2</u> BBL	<u>0.00</u> BBL		Surface Area:	<u>.0861</u> acre		
Recovered Volumes				Estimated Weights, and Volumes			
Estimated oil recovered:	BBL	check - okay		Saturated Soil =	<u>131,250</u> lbs	<u>1,172</u> cu. ft.	<u>43</u> cu. yds.
Estimated water recovered:	BBL	check - okay		Total Liquid =	<u>29</u> BBL	<u>1,227</u> gallon	<u>10,210</u> lbs

Air Emission from flowline leaks:

Volume of oil spill: - BBL
 Separator gas calculated: - MCF
 Separator gas released: - MCF
 Gas released from oil: - lb
 H2S released: - lb
 Total HC gas released: - lb
 Total HC gas released: - MCF

Air Emission of Reporting Requirements:

HC gas release reportable? NO New Mexico
 H2S release reportable? NO Texas

From: [Pruett, Maria, EMNRD](#)
To: [Bustamante, Amalia, EMNRD](#)
Subject: FW: (Notification) Graham Cracker #002 State Central Tank Battery 11-15-2018
Date: Monday, November 19, 2018 9:08:32 AM
Attachments: [image001.png](#)

From: DeAnn Grant <agrant@concho.com>
Sent: Thursday, November 15, 2018 2:31 PM
To: Pruett, Maria, EMNRD <Maria.Pruett@state.nm.us>; Mann, Ryan <rmann@slo.state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Griswold, Jim, EMNRD <Jim.Griswold@state.nm.us>; Ike Tavarez <itavarez@concho.com>; Robert McNeill <RMcNeill@concho.com>; Sheldon Hitchcock <SLHitchcock@concho.com>; Dakota Neel <DNeel2@concho.com>; Rebecca Haskell <RHaskell@concho.com>; DeAnn Grant <agrant@concho.com>
Subject: [EXT] (Notification) Graham Cracker #002 State Central Tank Battery 11-15-2018

Ms. Pruett/Mr. Mann,

COG Operating, LLC (OGRID# 229137) is reporting an **illegal dump** of produced water at the Graham Cracker 2 State Central Tank Battery.

Release Location:

ULSTR: P-02-26S-28E

Lat/Long: 32.06556, -104.04986

Date of Release: November 15, 2018

Release Volume: estimated 25 bbl.

Recovery Volume: On going

COG will have the release evaluated and will submit an initial C-141. If you have any questions or concerns please do not hesitate to contact me.

Thank you,

DeAnn Grant

HSE Administrative Assistant

agrant@concho.com

COG Operating LLC

600 W Illinois Avenue | Midland, TX 79701

Direct: 432-253-4513 | Main: 432.683.7443



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