

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

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

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

Incident ID	NRM2002748780
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

08XEA-191211-C-1410

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jennifer Knowlton	Contact Telephone	(575) 748-1570
Contact email	JKnowlton@concho.com	Incident # (assigned by OCD)	
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.09341 Longitude -103.55953
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Columbus Fee #024H	Site Type	Tank Battery
Date Release Discovered	November 29, 2019	API# (if applicable)	30-025-43490

Unit Letter	Section	Township	Range	County
B	34	25S	33E	LEA

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 checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 70	Volume Recovered (bbls) 70
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" 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 caused by a threaded connection leak.
The release occurred within the lined facility. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area evaluated for any possible impact from the release.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The volume released was greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notice was given by Robert Grubbs via e-mail November 30, 2019 at 10:07am to emnrd-ocd-district1spills@state.nm.us and Jim.Griswold@state.nm.us.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" 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: <u>Brittany N. Esparza</u>	Title: <u>HSE Administrative Assistant</u>
Signature: <u></u>	Date: <u>12/11/2019</u>
email: <u>besparza@concho.com</u>	Telephone: <u>(432) 221-0398</u>
<u>OCD Only</u>	
Received by: <u>Ramona Marcus</u>	Date: <u>1/27/2020</u>

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

Location of spill: COG -Columbus Fee 24H TB

Date of Spill: 29-Nov-2019

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 depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)			
Rectangle Area #1	0 ft	0 ft	X	0.00 in	0%	Rectangle Area #1	75 ft	X	30 ft	X	2.10 in	0%	
Rectangle Area #2	0 ft	X	0 ft	X	0.00 in	0%	Rectangle Area #2	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%	Rectangle Area #3	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%	Rectangle Area #4	0 ft	X	0 ft	X	0 in	0%
Rectangle Area #5	0 ft	X	0 ft	X	0 in	0%	Rectangle Area #5	0 ft	X	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 ft	X	0 in	0%
Rectangle Area #7	0 ft	X	0 ft	X	0 in	0%	Rectangle Area #7	0 ft	X	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 ft	X	0 in	0%

ERROR - Standing Liquid Area larger than Total Area, Review Data Input

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 *: 0.00 gal per gal

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

Use the following when the liquid completely fills the pore space 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.

- 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: **sq. ft.** **cu. ft.** **cu. ft.** Total Free Liquid Volume: **2,250 sq. ft.** **394 cu. ft.** **cu. ft.**

Estimated Volumes Spilled

	H2O	OIL
Liquid in Soil:	<u>0.0</u> BBL	<u>0.0</u> BBL
Free Liquid:	<u>70.1</u> BBL	<u>0.0</u> BBL
Totals:	<u>70.1</u> BBL	<u>0.0</u> BBL

Estimated Production Volumes Lost

	H2O	OIL
Estimated Production Spilled:	<u>0.0</u> BBL	<u>0.0</u> BBL

Estimated Surface Damage

Surface Area: 2,250 sq. ft.
 Surface Area: .0517 acre

Recovered Volumes

Estimated oil recovered: **BBL** check - okay
 Estimated water recovered: **BBL** check - okay

Estimated Weights, and Volumes

Saturated Soil = lbs cu. ft.
 Total Liquid = 70 BBL 2,945 gallon 24,504 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:

	<u>New Mexico</u>	<u>Texas</u>
HC gas release reportable?	<u>NO</u>	<u>NO</u>
H2S release reportable?	<u>NO</u>	<u>NO</u>

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