

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	NAPP2205233399
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Charles Beauvais	Contact Telephone	(575) 988-2043
Contact email	Charles.R.Beauvais@conocophillips.com	Incident # (assigned by OCD)	NAPP2205233399
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

### Location of Release Source

Latitude 32.08098 Longitude -103.39939  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Square Bill Federal Com	Site Type	Tank Battery
Date Release Discovered	February 7, 2022	API# (if applicable)	N/A

Unit Letter	Section	Township	Range	County
P	31	25S	35E	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) 49.8	Volume Recovered (bbls) 49.8
	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 failed pump swedge due to corrosion. The release occurred within the lined facility. A vacuum truck was dispatched to remove all freestanding fluids. A 48 hour advanced liner notification was sent to the NMOCD District 1 office via email on 03/08/2022. The liner was visually inspected by an experienced and trained inspector in pad operations and visual liner inspections on 03/14/2022. The liner was visually inspected and no rips, tears, holes, or damage was observed. The liner was determined to be in good condition (photos attached).

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="checked" 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)? Immediate notice was given to Brittany Esparza via e-mail on February 10, 2022 at 10:13 am to blm_nm_cfo_spill@blam.gov and ocd.enviro@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*

<div style="display: flex; flex-direction: column; gap: 10px;"><div><input type="checkbox"/> The source of the release has been stopped.</div><div><input type="checkbox"/> The impacted area has been secured to protect human health and the environment.</div><div><input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.</div><div><input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.</div></div>	
<p>If all the actions described above have <u>not</u> been undertaken, explain why:</p> <div style="height: 100px; border: 1px solid black; margin-top: 5px;"></div>	
<p>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.</p>	
<p>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.</p>	
<p>Printed Name: <u>Brittany N. Esparza</u></p> <p>Signature: <u></u></p> <p>email: <u>Brittany.Esparza@conocophillips.com</u></p>	<p>Title: <u>Environmental Technician</u></p> <p>Date: <u>02/21/2021</u></p> <p>Telephone: <u>(432)221-0398</u></p>
<p><b><u>OCD Only</u></b></p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"><div>Received by: <u>Ramona Marcus</u></div><div>Date: <u>02/21/2022</u></div></div>	

L48 Spill Volume Estimate Form

Received by OCD: 2/21/2022 9:19:10 AM		SquareBill Fed Com		Page 3 of 11					
Asset Area:		North Delaware basin Easst							
Release Discovery Date & Time:		2/7/2021		NAPP2205233399					
Release Type:		Produced Water							
Provide any known details about the event:									
Swedge on water line busted and filled containment									
Spill Calculation - On Pad Surface Pool Spill									
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	137.0	49.0	2.00	4	6713.000	0.042	49.788	0.002	49.892
Rectangle B					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle C					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle D					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle E					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle F					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle G					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle H					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Rectangle I					0.000	#DNV/0!	#DNV/0!	#DNV/0!	#DNV/0!
Reflected Imaging: 2/21/2022 1:59:36 PM									
Total Volume Release:									49.892

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**District III**  
1008 Rio Grande Rd., Artec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6179

**District IV**  
1229 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 478-3470 Fax:(505) 478-3482

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS  
  
Action: 84287

CONDITIONS

Operator: COG OPERATING LLC 800 W Illinois Ave Midland, TX 79701	CGRID: 229137
	Action Number: 84287
	Action Type: (C-141) Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
marcos	None	12/1/2021

Incident ID	NAPP2205233399
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## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>          </u> >100 ft (bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist: Each of the following items must be included in the report.**

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

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Printed Name: Charles Beauvais Title: Senior Environmental Engineer

Signature: Charles R. Beauvais II Date: 03/16/2022

email: Charles.R.Beauvais@conocophillips.com Telephone: 575-988-2043

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NAPP2205233399
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## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of 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 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Charles Beauvais Title: Senior Environmental Engineer  
Signature: Charles R. Beauvais Date: 03/16/2022  
email: Charles.R.Beauvais@conocophillips.com Telephone: (575)-988-2043

**OCD Only**

Received by: Chad Hensley Date: 04/12/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Chad Hensley Date: 04/12/2022

Printed Name: Chad Hensley Title: Environmental Specialist Advanced





PHOTOGRAPHIC LOG		
COG Operating, LLC	Square Bill Federal Com Lea County, New Mexico	NAPP2205233399


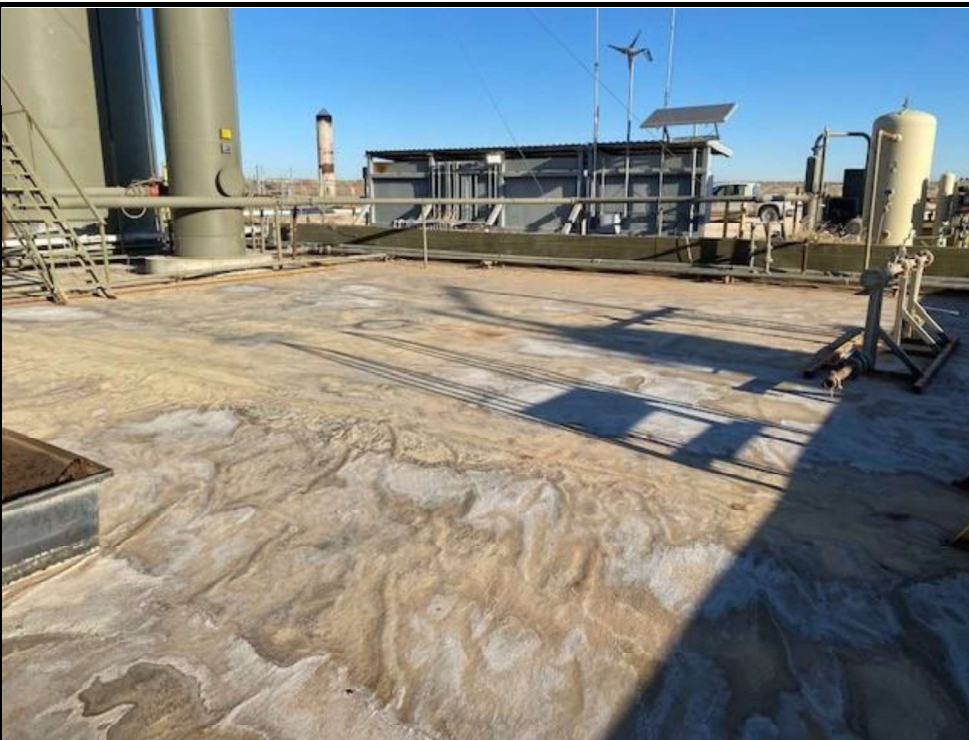
Photo No.	Date	
1	March 14, 2022	
The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be in good condition.		

Photo No.	Date	
2	March 14, 2022	
The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be in good condition.		





PHOTOGRAPHIC LOG		
COG Operating, LLC	Square Bill Federal Com Lea County, New Mexico	NAPP2205233399



Photo No.	Date	
3	March 14, 2022	
The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be in good condition.		

Photo No.	Date	
4	March 14, 2022	
The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be in good condition.		



PHOTOGRAPHIC LOG		
COG Operating, LLC	Square Bill Federal Com Lea County, New Mexico	NAPP2205233399

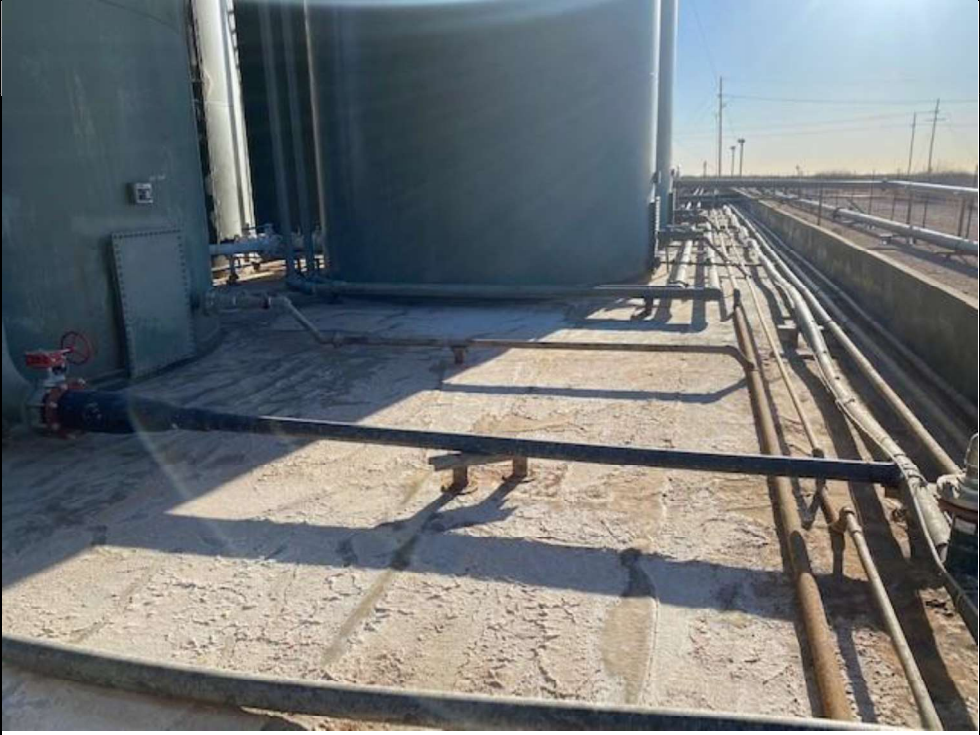
Photo No.	Date	
5	March 14, 2022	
The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be in good condition.		

Photo No.	Date	
6	March 14, 2022	
The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be in good condition.		

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 90645

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 90645
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	Closure approved.	4/12/2022