

SITE INFORMATION

Closure Report SRO State Com 48 (10.27.2024) Incident #: nAPP2430234949 Eddy County, New Mexico Unit B Sec 07 T26S R28E 32.063760°, -104.124752°

Produced Water Release
Point of Release: Equipment Failure
Release Date: 10/27/2024

Volume Released: 78 barrels of Produced Water Volume Recovered: 77 barrels of Produced Water

CARMONA RESOURCES



Prepared for: Concho Operating, LLC 15 West London Road Loving, New Mexico 88256

Prepared by: Carmona Resources, LLC 310 West Wall Street Suite 500 Midland, Texas 79701

> 310 West Wall Street, Suite 500 Midland TX, 79701 432.813.1992



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 LINER INSPECTION ACTIVITIES

5.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SECONDARY CONTAINMENT MAP

APPENDICES

APPENDIX A PHOTOS

APPENDIX B N.O.R AND FINAL C-141/NMOCD CORRESPONDENCE

APPENDIX C SITE CHARACTERIZATION AND GROUNDWATER



December 5, 2024

Mike Bratcher District Supervisor Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210

Re: Closure Report

SRO State Com 48 (10.27.2024)

Concho Operating, LLC

Incident ID: nAPP2430234949

Site Location: Unit B, S07, T26S, R28E (Lat 32.063760°, Long -104.124752°)

Eddy County, New Mexico

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for the SRO State Com 48. The site is located at 32.063760°, -103.124752° within Unit B, S07, T26S, R28E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 27, 2024, due to equipment failure within the facility containment. The incident resulted in approximately seventy-eight (78) barrels of produced water being released while seventy-seven (77) barrels of produced water were recovered within the gravellined facility. See Figure 3 for the secondary containment map. The Notice of Release is attached in Appendix B.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 1.50 miles Northeast of the site in S05, T26S, R28E and was drilled in 2022. The well has a reported depth to groundwater of 55' feet below ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix C.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.



4.0 Liner Inspection Activities

Before conducting the liner inspection, a crew was onsite to remove all impacted pea gravel so the liner would be free of any freestanding fluids. Once the plastic liner was thoroughly cleaned, the NMOCD division office was notified via NMOCD portal on November 13, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix B for the NMOCD correspondence prior to performing the liner inspection. On November 15, 2024, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility and determined the liner was intact with no integrity issues. Refer to the Photolog for details.

5.0 Conclusions

Based on the liner inspection throughout the facility, no further actions are required at the site. COG formally requests closure of the spill. If you have any questions regarding this report or need additional information, don't hesitate to contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring

Sr. Project Manager

Stephen Reyes

Environmental Engineer

Step hy

FIGURES

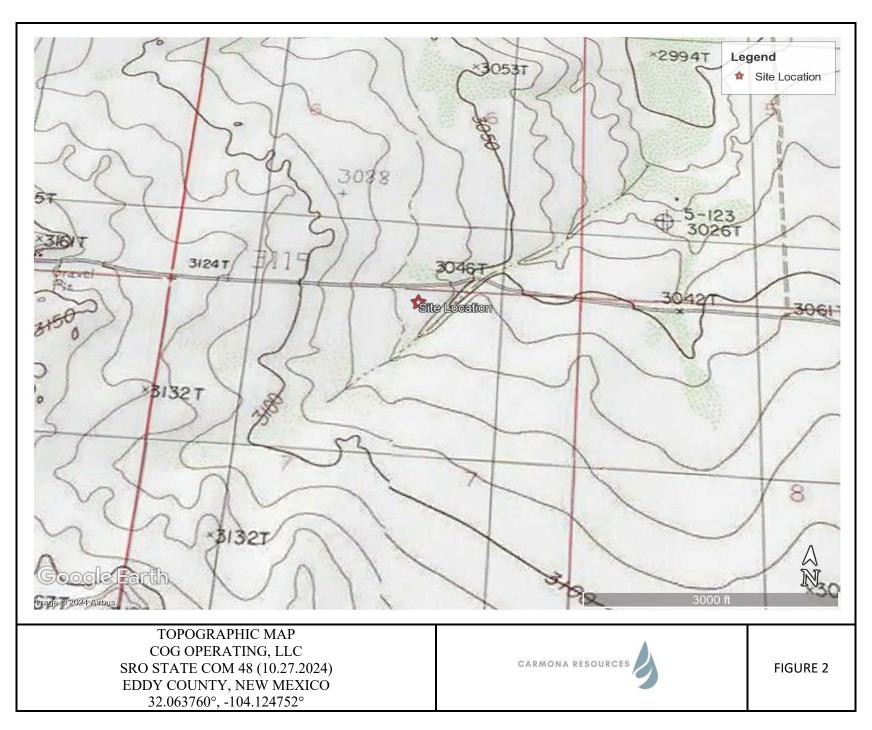
CARMONA RESOURCES



COG OPERATING, LLC SRO STATE COM 48 (10.27.2024) EDDY COUNTY, NEW MEXICO 32.063760°, -104.124752°



FIGURE 1





COG OPERATING, LLC SRO STATE COM 48 (10.27.2024) EDDY COUNTY, NEW MEXICO 32.063760°, -104.124752°



FIGURE 3

APPENDIX A

CARMONA RESOURCES

PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 1

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View West of facility sign.



Photograph No. 2

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View West of cleaned liner. Red outline is the area of the liner inspection.



Photograph No. 3

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View East of cleaned liner. Red outline is the area of the liner inspection.





PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 4

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View East of cleaned liner. Red outline is the area of the liner inspection.



Photograph No. 5

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View South of cleaned liner. Red outline is the area of the liner inspection.



Photograph No. 6

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View West of cleaned liner. Red outline is the area of the liner inspection.





PHOTOGRAPHIC LOG

COG Operating, LLC

Photograph No. 7

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View Southwest of cleaned liner. Red outline is the area of the liner inspection.



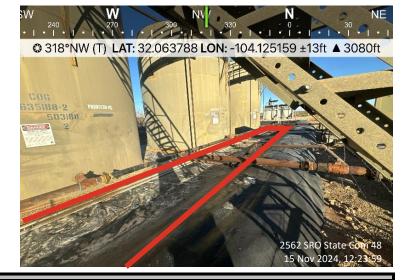
Photograph No. 8

Facility: SRO State Com 48 (10.27.2024)

County: Eddy County, New Mexico

Description:

View Northwest of cleaned liner. Red outline is the area of the liner inspection.



APPENDIX B

CARMONA RESOURCES

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

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**

QUESTIONS

Action 396245

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	396245
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source		
Please answer all the questions in this group.		
Site Name	SRO State Com 48	
Date Release Discovered	10/27/2024	
Surface Owner	State	

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 78 BBL Recovered: 77 BBL Lost: 1 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

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**

QUESTIONS, Page 2

Action 396245

QUESTIONS	(continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	396245
	Action Type:
	[NOTIFY] Notification Of Release (NOR)
· · · · · · · · · · · · · · · · · · ·	•

QUESTIONS

Nature and Volume of Release (continued)	
No, according to supplied volumes this does not appear to be a "gas only" report.	
Yes	
From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

ACKNOWLEDGMENTS

Action 396245

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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

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**

ACKNOWLEDGMENTS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	396245
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
~	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
V	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.
V	I acknowledge the fact that 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.
V	I acknowledge the fact that, 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.

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

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 396245

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	396245
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created	Condition	Condition Date
Ву		
jacquih	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/28/2024

L48 Spill Volume Estimate Form - Fill In Gray Cells											
Facility Name & Well Number(s): SRO 48								Release Discovery Date & Time:			
Provide any known details about the event:				t: 4" to 3" swege broke off from tpump causing tanks to empty.		Primary Cause (dropdown):	Hinternal Corrosion - Frosion	Rain >1/2" in the past 24 hrs:	No ~		
				(1) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ntainment Lined or lined:		available, r	olume (bbl.) (if not included in calculations)	Release Type (dro	pdown):	Method of Determination (dropdown):
BU: L48 Default Asset Area:			Li	ined					~	>	
Known Volume (dropdown)			olume (dropdown):	No ~							
Known Area (dropdown)			n Area (dropdown):	No ~							
			7	<u> </u>	Spill Calci	ulation - On-Pad	Surface Pool	Spill			
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)		8	ated Volume of Spill bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%.)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	18	27	5.0	486.00	14.42		14	4.42		0.00	14.42
Rectangle B	18	15	3.5	270.00	5.61		5	5.61		0.00	5.61
Rectangle C	136	24	3.0	3264.00	58.10			8.10		0.00	58.10
Rectangle D				0.00	0.00			0.00		0.00	0.00
Rectangle E				0.00	0.00		192	0.00		0.00	0.00
Rectangle F				0.00	0.00		200	0.00		0.00	0.00
Rectangle G				0.00	0.00			0.00		0.00	0.00
Rectangle H		*		0.00	0.00		1000	0.00		0.00	0.00
Rectangle I Rectangle J				0.00	0.00			0.00		0.00	0.00
rtodangio						:					
			T	otal Volume Relea	sed to Lined Seconda	ary Containment:	78.	.1242		0.0000	78.1242

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 404703

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	404703
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2430234949
Incident Name	NAPP2430234949 SRO STATE COM 48 @ 30-015-41779
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-015-41779] SRO STATE COM #048H

Location of Release Source				
Please answer all the questions in this group.				
Site Name	SRO State Com 48			
Date Release Discovered	10/27/2024			
Surface Owner	State			

Incident Details				
Please answer all the questions in this group.				
Incident Type	Produced Water Release			
Did this release result in a fire or is the result of a fire	No			
Did this release result in any injuries	No			
Has this release reached or does it have a reasonable probability of reaching a watercourse	No			
Has this release endangered or does it have a reasonable probability of endangering public health	No			
Has this release substantially damaged or will it substantially damage property or the environment	No			
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No			

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 78 BBL Recovered: 77 BBL Lost: 1 BBL.				
Is the concentration of chloride in the produced water >10,000 mg/l	No				
Condensate Released (bbls) Details	Not answered.				
Natural Gas Vented (Mcf) Details	Not answered.				
Natural Gas Flared (Mcf) Details	Not answered.				
Other Released Details	Not answered.				
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.				

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 404703

QUESTI	ONS (continued)	
Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	, ,	OGRID:
		[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS		
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied ve	olumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes	
Reasons why this would be considered a submission for a notification of a major release	,,	ease of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the	he C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	ofety hazard that would recult in ini-	
The source of the release has been stopped	True	uy.
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remed actions to date in the follow-up C-141 submission. If remedial efforts have been successfully comple. Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	a lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger publi adequately investigate and remo	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technici Email: brittany.Esparza@Co Date: 11/19/2024	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 404703

QUESTIONS (continued)

QUESTIONS	
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)
600 W Illinois Ave Midland, TX 79701	Action Number: 404703
COG OPERATING LLC	229137
Operator:	OGRID:

QUESTIONS					
Site Characterization					
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after th release discovery date.					
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.				
What method was used to determine the depth to ground water	Not answered.				
Did this release impact groundwater or surface water	Not answered.				
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:				
A continuously flowing watercourse or any other significant watercourse	Not answered.				
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.				
An occupied permanent residence, school, hospital, institution, or church	Not answered.				
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.				
Any other fresh water well or spring	Not answered.				
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.				
A wetland	Not answered.				
A subsurface mine	Not answered.				
An (non-karst) unstable area	Not answered.				
Categorize the risk of this well / site being in a karst geology	Not answered.				
A 100-year floodplain	Not answered.				
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.				

Remediation Plan				
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.				
Requesting a remediation plan approval with this submission	No			
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine it another remediation plan submission is required.				

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 404703

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	404703
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	11/19/2024

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 403035

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	403035
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites							
Incident ID (n#)	nAPP2430234949						
Incident Name	NAPP2430234949 SRO STATE COM 48 @ 30-015-41779						
Incident Type	Produced Water Release						
Incident Status	Notification Accepted						
Incident Well	[30-015-41779] SRO STATE COM #048H						

Location of Release Source						
Site Name	SRO State Com 48					
Date Release Discovered	10/27/2024					
Surface Owner	State					

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	5,500
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	11/15/2024
Time liner inspection will commence	11:45 AM
Please provide any information necessary for observers to liner inspection	Conner Moerhring (432) 813-6823
Please provide any information necessary for navigation to liner inspection site	coordinates on C-141

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 403035

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	403035
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

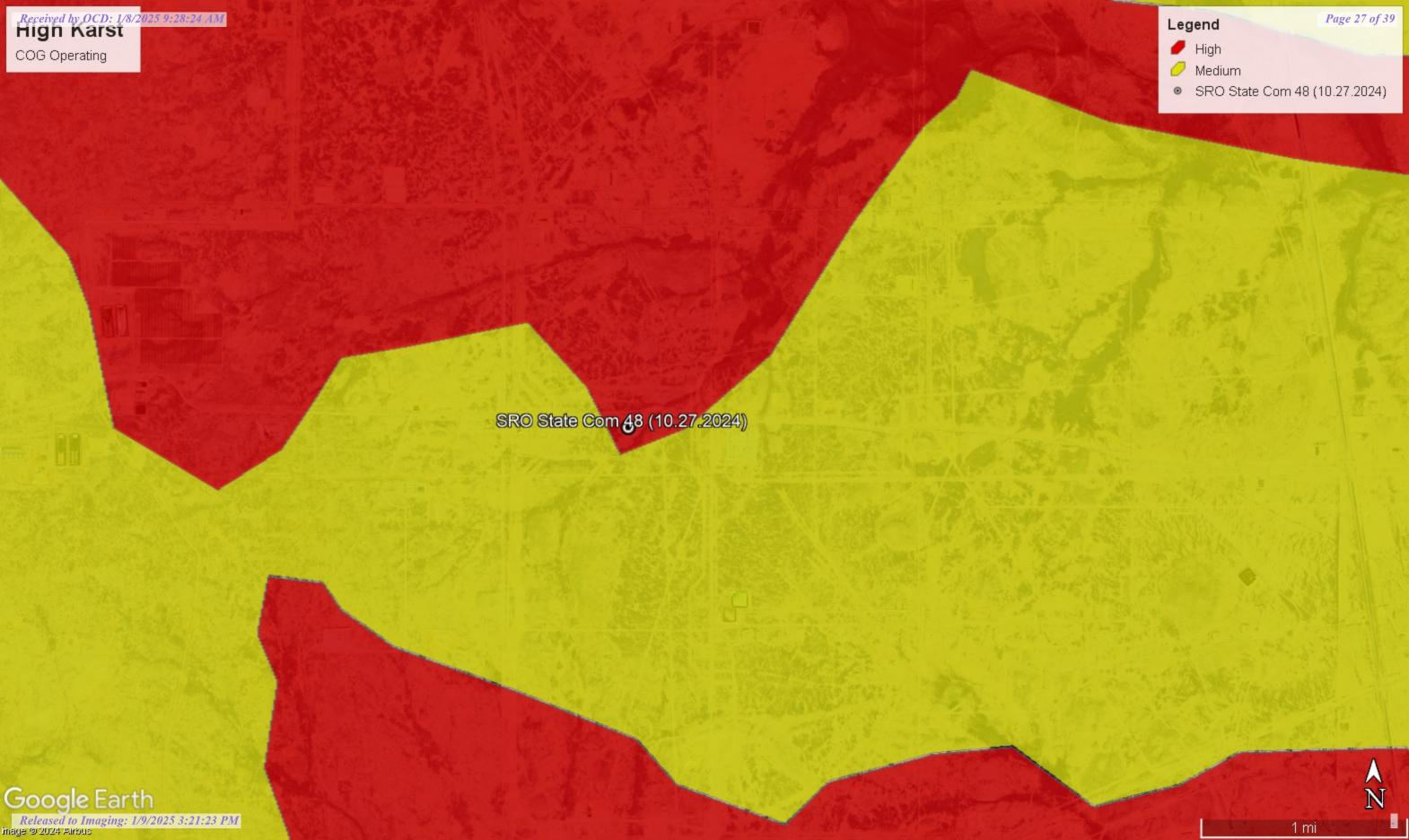
CONDITIONS

Created By	Condition	Condition Date
jacquih	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	11/13/2024

APPENDIX C

CARMONA RESOURCES







New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
<u>C 02478</u>		CUB	ED		NE	NW	05	26S	28E	583848.0	3549325.0 *		1931	100		
<u>C 02475</u>		CUB	ED		NE	SE	13	26S	27E	581450.0	3545252.0 *		2836	100		
C 04766 POD1		CUB	ED	NE	NE	SE	32	25S	28E	584716.5	3550306.9		3241	37	26	11
<u>C 02474</u>		CUB	ED		SE	SW	02	26S	27E	578964.0	3548029.0 *	•	3656	100		

Average Depth to Water: 26 feet

Minimum Depth: 26 feet

Maximum Depth: 26 feet

Record Count: 4

UTM Filters (in meters):

Easting: 582616.00 **Northing:** 3547838.00

Radius: 4000

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Operation Sampler Types: Split Acetate Liner Auger Týpes: Mud Surface elevation is an estimated value based on Google Earth Shelby Vane Shear Air Rotary Rotary Bulk Continuous California Direct Push Flight Auger Sample Hollow Stem Grab HSA Sonic Sample Auger Drilling Equipment: Air Rotary Driller: Logger: Nicholas Poole Scarborough Drilling

Bottom of borehole at 55.0 feet.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Se

X

NA C 04766 POD1

Q64 Q16 Q4 Sec Tws Rng2 2 4 32 25S 28E

584716 3550306

ó 🌍

Driller License: 1800 **Driller Company:** TALON/LPE

Driller Name: MICHALSKY, JARODRED (CALL OFF

Drill Start Date: 09/12/2023 **Drill Finish Date:** 09/12/

Orill Finish Date: 09/12/2023 Plug Date:

Log File Date: 10/20/2023 PCW Rcv Date: Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: Depth Well: 37 feet Depth Water: 26 feet

Water Bearing Stratificati	ons: Top	Bottom	Description
	23	33	Sandstone/Gravel/Conglomerate
	33	35	Sandstone/Gravel/Conglomerate
	35	37	Sandstone/Gravel/Conglomerate
Casing Perforat	ions: Top	Bottom	
	17	37	

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

1/30/24 7:35 AM

POINT OF DIVERSION SUMMARY



USGS Home **Contact USGS** Search USGS

National Water Information System: Web Interface

USGS Water Resources

Groundwater ✓ New Mexico **∨** GO

Click to hideNews Bulletins

• Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 320230104060601

$\label{eq:minimum number of levels} \textbf{Minimum number of levels} = 1$

Save file of selected sites to local disk for future upload

USGS 320230104060601 26S.28E.18.33111

Eddy County, New Mexico Latitude 32°02'30", Longitude 104°06'06" NAD27

Land-surface elevation 3,070 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

						Output forms	11.5					
Table of data	Table of data											
Tab-separate	Tab-separated data											
Graph of data	Graph of data											
Reselect peri	<u>od</u>											
		? Water-	?	Water level,	Water level, feet	Referenced	?	?	?	?	?	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status	
1981-05-01		D	62610		3050.88	NGVD29	1	Z			А	
1981-05-01		D	62611		3052.48	NAVD88	1	Z			Α	
1981-05-01		D	72019	17.52			1	Z			Α	
1983-01-25		D	62610		3052.15	NGVD29	1	Z			А	
1983-01-25		D	62611		3053.75	NAVD88	1	Z			Α	
1983-01-25		D	72019	16.25			1	Z			Α	
1987-10-13		D	62610		3053.27	NGVD29	1	Z			Α	
1987-10-13		D	62611		3054.87	NAVD88	1	Z			Α	
1987-10-13		D	72019	15.13			1	Z			Α	
1992-11-03		D	62610		3050.77	NGVD29	1	S			Α	
1992-11-03		D	62611		3052.37	NAVD88	1	S			Α	
1992-11-03		D	72019	17.63			1	S			Α	
1998-01-22		D			3052.05	NGVD29	1	S			Α	
1998-01-22		D			3053.65	NAVD88	1	S			Α	
1998-01-22		D	72019	16.35			1	S			Α	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929

USGS Groundwater for New Mexico: Water Levels -- 1 sites

Section	Code	Description
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions or Comments Help

Data Tips

Explanation of terms

Subscribe for system changes

FOIA Accessibility Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2024-10-31 14:40:22 EDT
0.35 0.24 nadww02

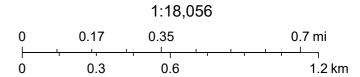


SRO State Com 48 (10.27.2024)



10/31/2024, 1:35:39 PM

OSE Streams



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 418358

QUESTIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	418358
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2430234949
Incident Name	NAPP2430234949 SRO STATE COM 48 @ 30-015-41779
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-41779] SRO STATE COM #048H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SRO State Com 48
Date Release Discovered	10/27/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 78 BBL Recovered: 77 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 418358

QUESTI	ONS (continued)
Operator: COG OPERATING LLC	OGRID: 229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	418358
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/19/2024

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 418358

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	418358
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

oval and beyond). This information must be provided to the appropriate district office no later than 90 days after th
Between 51 and 75 (ft.)
NM OSE iWaters Database Search
No
and the following surface areas:
Greater than 5 (mi.)
Between 1 and 5 (mi.)
Greater than 5 (mi.)
Between 300 and 500 (ft.)
Greater than 5 (mi.)
Greater than 5 (mi.)
High
Greater than 5 (mi.)
No
,

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	11/13/2024	
On what date will (or did) the final sampling or liner inspection occur	11/13/2024	
On what date will (or was) the remediation complete(d)	11/13/2024	
What is the estimated surface area (in square feet) that will be remediated	5500	
What is the estimated volume (in cubic yards) that will be remediated	0	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to		

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 1/9/2025 3:21:23 PM

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Action 418358

QUESTIONS (continued)

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	418358
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
Is (or was) there affected material present needing to be removed	Yes	
Is (or was) there a power wash of the lined containment area (to be) performed	Yes	
OTHER (Non-listed remedial process)	No	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement

Name: Brittany Esparza Title: Environmental Technician

Email: brittany.Esparza@ConocoPhillips.com

Date: 01/08/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 6

Action 418358

Santa Fe, NM 87505	
QUESTI	ONS (continued)
Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	403035
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	11/15/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	5500
Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all re Requesting a remediation closure approval with this submission Have the lateral and vertical extents of contamination been fully delineated Was this release entirely contained within a lined containment area	Yes Yes
What was the total surface area (in square feet) remediated	5500
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	na
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 (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.	
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.	
Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 01/08/2025	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 418358

CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	418358
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	App ID 418358 Liner Inspection approved	1/9/2025