

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

Incident ID	
District RP	
Facility ID	
Application ID	

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>Patricia Zapanta</u>	Date: _____
email: _____	Telephone: _____
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

## Spill Calculation - On-Pad Surface Pool Spill

Received by OCD: 2/22/2024 9:57:56 AM

Page 3 of 45

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.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	90	75	0.4	6750.00	40.05	0.00	40.12
Rectangle B	139	51	0.4	7089.00	42.06	0.00	42.13
Rectangle C				0.00	0.00	0.00	0.00
Rectangle D				0.00	0.00	0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00
Rectangle J				0.00	0.00	0.00	0.00

Released to Imaging: 4/23/2024 9:39:56 AM

Total Volume Release, Soil not impacted:

78.1358



## SITE INFORMATION

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**Closure Report**  
**Road Runner Federal Com 023H (01.15.24)**  
**Incident ID: NAPP2401634411**  
**Unit N Sec 36 T25S R26E**  
**Eddy County, New Mexico**  
**32.0797°, -104.2476°**

**Produced Water Release**  
**Point of Release: Equipment Failure**  
**Release Date: 01.15.2024**  
**Volume Released: 78 Barrels of Produced Water**  
**Volume Recovered: 78 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**



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February 20, 2024

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

**Re: Closure Report**  
**Roadrunner Federal Com 023H (01.15.24)**  
**Concho Operating, LLC**  
**Incident ID: NAPP2401634411**  
**Site Location: Unit N, S36, T25S, R26E**  
**(Lat 32.0797°, Long -104.2476°)**  
**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 Roadrunner Federal Com 023H (01.15.24). The site is located at 32.0797°, -104.2476° within Unit N, S36, T25S, R26E, in Eddy County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 15, 2024, caused by a balloon valve failure due to the cold weather. It resulted in the release of approximately seventy-eight (78) barrels of produced water, and seventy-eight (78) barrels of produced water were recovered. See Figure 3. The initial C-141 form 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 1.68 miles North of the site in S25, T25S, R26E and was drilled in 2018. The well has a reported depth to groundwater of 13.96 feet below the 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**

On February 9, 2024, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility. Before performing the liner inspection, the NMOCD division office was notified via the NMOCD web portal on February 7, 2024, per Subsection D of 19.15.29.12 NMAC. See



Appendix B. Carmona Resources, LLC personnel inspected the liner visually and determined it to be intact with no integrity issues. Refer to the photolog.

### **5.0 Conclusions**

Based on the liner inspection throughout the facility, no further actions are required at the site. The final C-141 is attached, and COG formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

**Carmona Resources, LLC**

Mike Carmona  
Environmental Manager

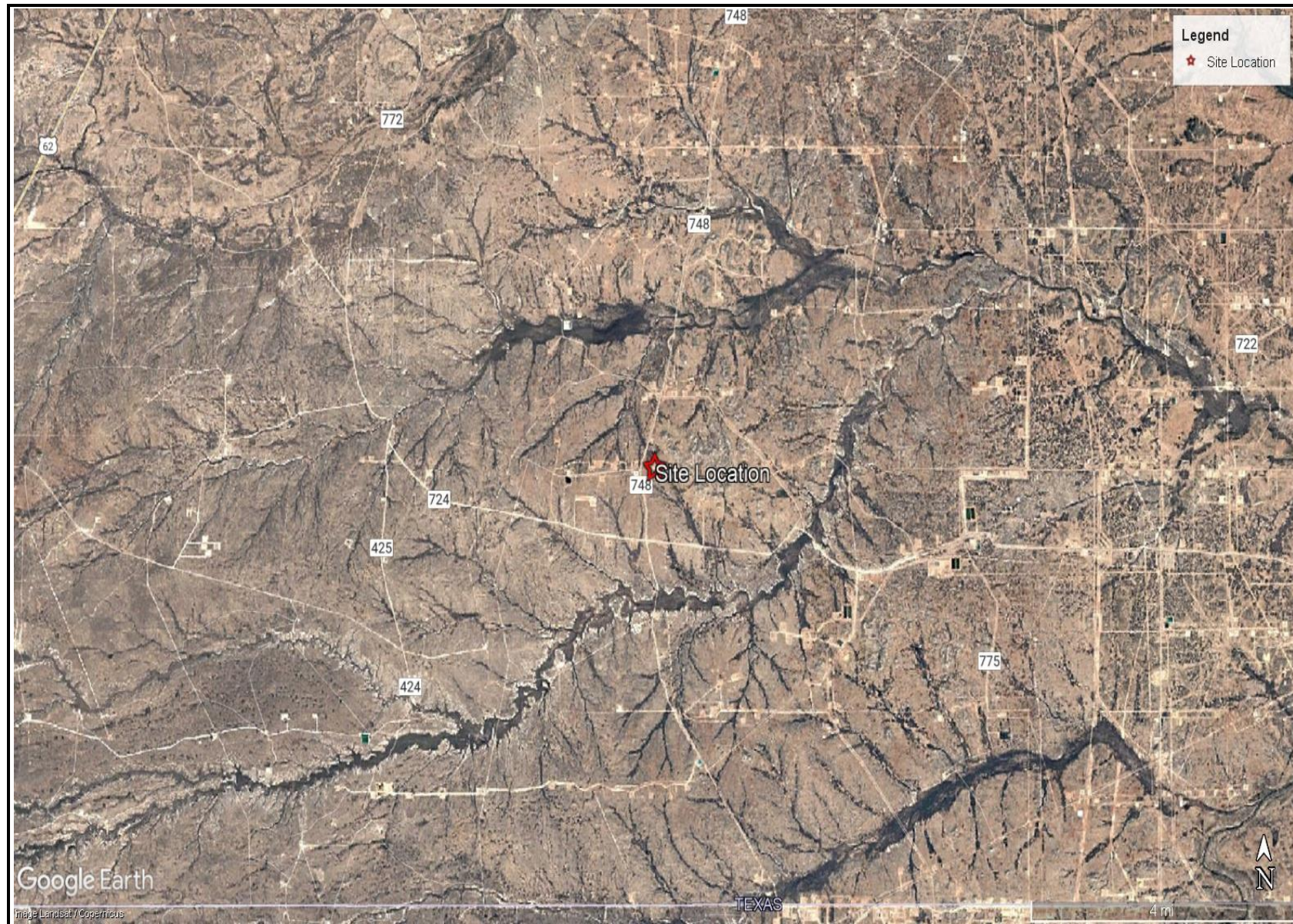
Conner Moehring  
Sr. Project Manager

## FIGURES

CARMONA RESOURCES





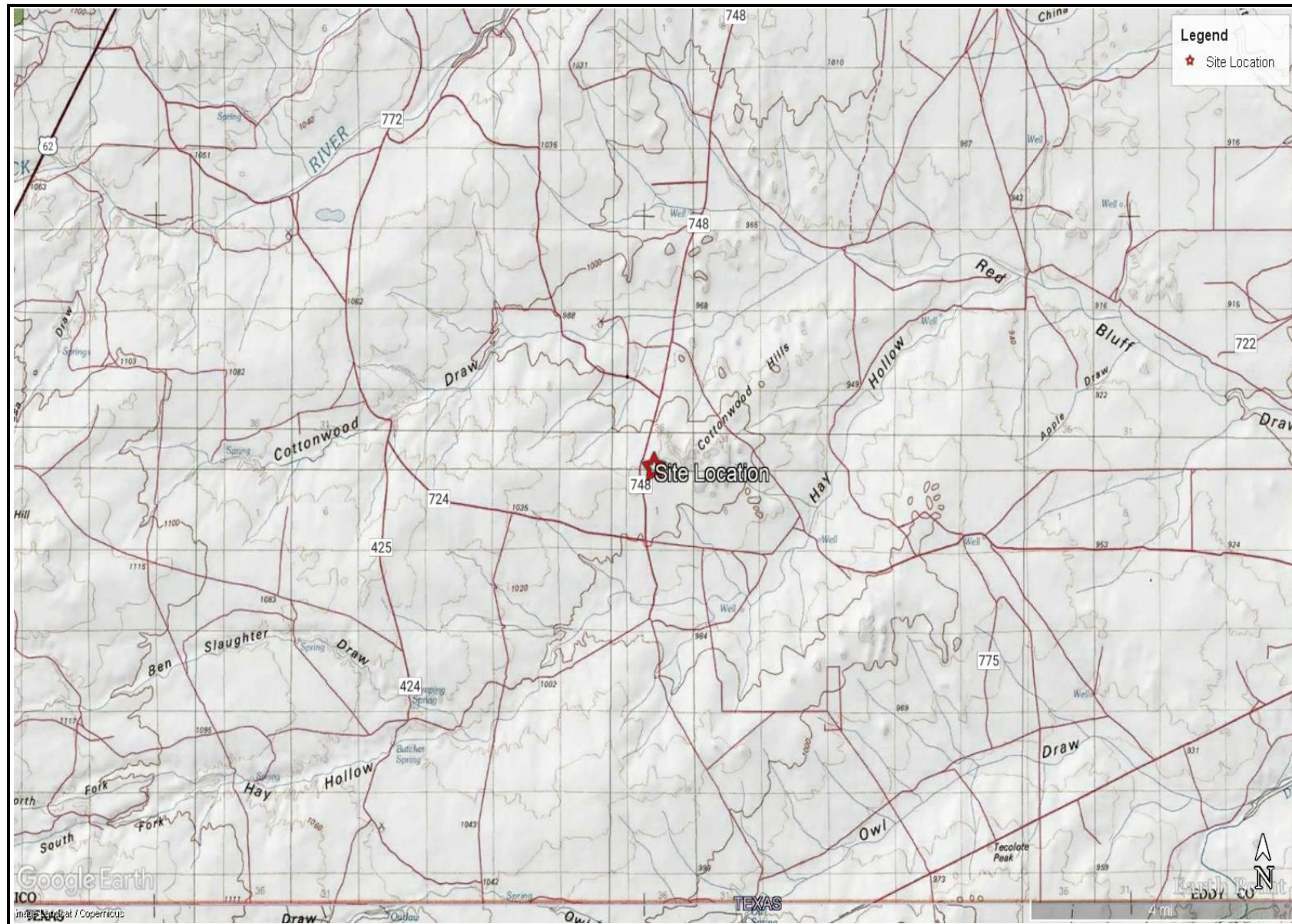


OVERVIEW MAP  
COG OPERATING, LLC  
ROAD RUNNER FEDERAL COM 023H (01.15.24)  
EDDY COUNTY, NEW MEXICO  
32.0797°, -104.2476°



FIGURE 1





TOPOGRAPHIC MAP  
 COG OPERATING, LLC  
 ROAD RUNNER FEDERAL COM 023H (01.15.24)  
 EDDY COUNTY, NEW MEXICO  
 32.0797°, -104.2476°



FIGURE 2





SECONDARY CONTAINMENT MAP  
COG OPERATING, LLC  
ROAD RUNNER FEDERAL COM 023H (01.15.24)  
EDDY COUNTY, NEW MEXICO  
32.0797°, -104.2476°



FIGURE 3

## APPENDIX A

CARMONA RESOURCES





## PHOTOGRAPHIC LOG

## Concho Operating, LLC

## Photograph No. 1

**Facility:** Road Runner Federal Com 023H  
(01.15.24)

**County:** Eddy County, New Mexico

**Description:**  
View East of facility sign.



## Photograph No. 2

**Facility:** Road Runner Federal Com 023H  
(01.15.24)

**County:** Eddy County, New Mexico

**Description:**  
View North of lined facility.

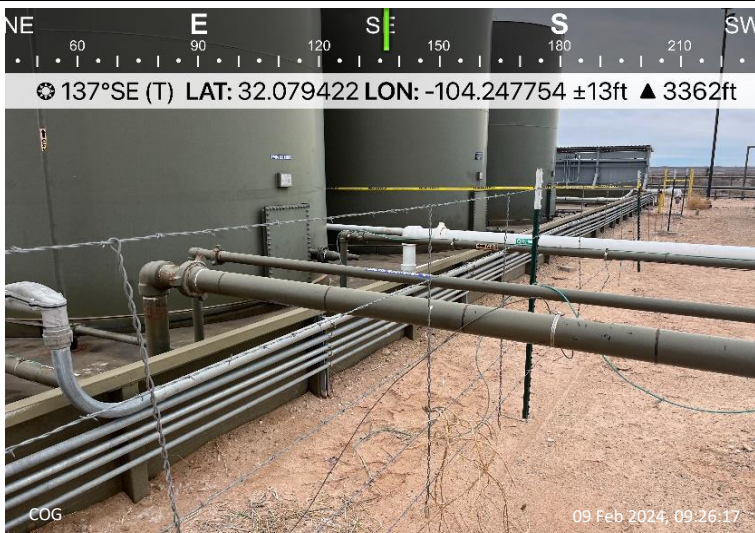


## Photograph No. 3

**Facility:** Road Runner Federal Com 023H  
(01.15.24)

**County:** Eddy County, New Mexico

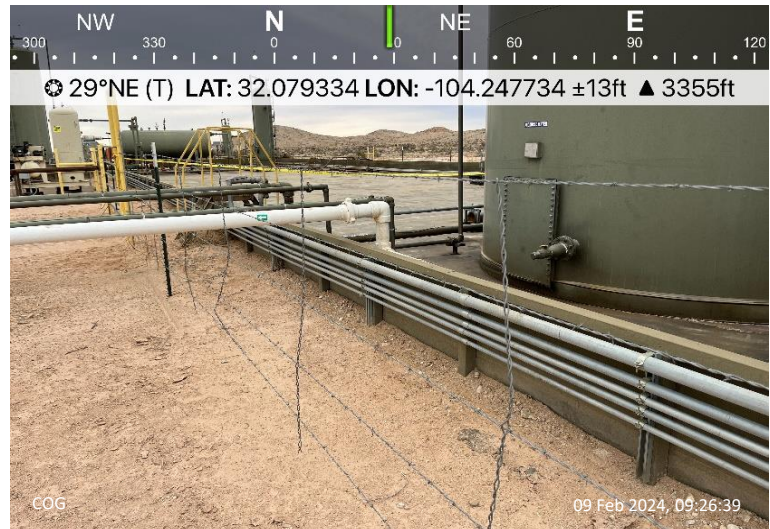
**Description:**  
View Southeast of lined facility.





**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 4****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**

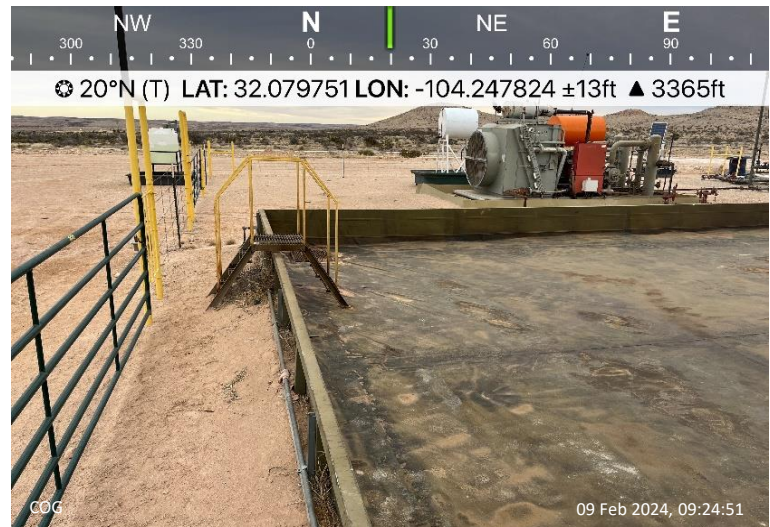
View Northeast of lined facility.

**Photograph No. 5****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**

View North of lined facility.

**Photograph No. 6****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**

View North of lined facility.





**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 7****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**

View Southwest of lined facility.

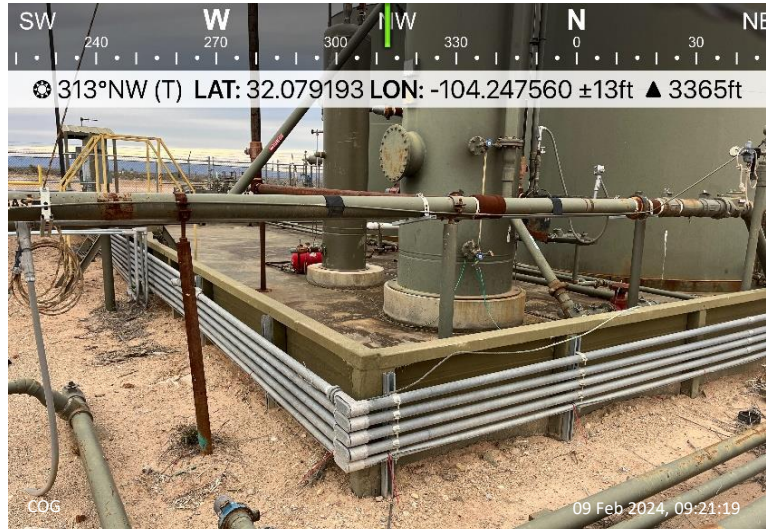
**Photograph No. 8****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**

View Southeast of lined facility.

**Photograph No. 9****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**

View Southwest of lined facility.



**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 10****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**  
View Southwest of lined facility.**Photograph No. 11****Facility:** Road Runner Federal Com 023H  
(01.15.24)**County:** Eddy County, New Mexico**Description:**  
View Northwest of lined facility.



## 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  
**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

QUESTIONS

Action 303857

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 303857
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

<b>Location of Release Source</b> <i>Please answer all the questions in this group.</i>	
Site Name	Roadrunner Fed Com 23H
Date Release Discovered	01/15/2024
Surface Owner	Federal

<b>Incident Details</b> <i>Please answer all the questions in this group.</i>	
Incident Type	Other
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

<b>Nature and Volume of Release</b> <i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Other   Other (Specify)   Crude Oil   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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.

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State of New Mexico  
Energy, Minerals and Natural Resources  
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Santa Fe, NM 87505

QUESTIONS, Page 2

Action 303857

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 303857
	Action Type: [NOTIFY] Notification Of Release (NOR)

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. 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 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.	

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Oil Conservation Division  
1220 S. St Francis Dr.  
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ACKNOWLEDGMENTS  
  
Action 303857

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 303857
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.

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CONDITIONS  
  
Action 303857

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 303857
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
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.	1/16/2024

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QUESTIONS

Action 312161

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 312161
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2401634411
Incident Name	NAPP2401634411 ROADRUNNER FED COM 23H @ 0
Incident Type	Other
Incident Status	Notification Accepted
Incident Facility	[fAPP2203858701] Roadrunner Fed Com 23H - Rt BTTY

Location of Release Source	
Site Name	Roadrunner Fed Com 23H
Date Release Discovered	01/15/2024
Surface Owner	Federal

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	14,000
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	02/09/2024
Time liner inspection will commence	09:30 AM
Please provide any information necessary for observers to liner inspection	Sampler Information: Conner Moerhring (432) 813- 6823
Please provide any information necessary for navigation to liner inspection site	Coordinates on C-141

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CONDITIONS  
  
Action 312161

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 312161
	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.	2/7/2024

## APPENDIX C

CARMONA RESOURCES





**Nearest water well**

COG Operating

**Legend**

- 0.50 Mile Radius
- 1.68 Miles
- 1.84 Miles
- 1.99 Miles
- 2.83 Miles
- Roadrunner Fed Com 23H (01.15.2024)
- USGS Water Well





High Karst

COG Operating

Legend

- High
- Medium
- Roadrunner Fed Com 23H (01.15.2024)





# 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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 01013</a>	C		ED			4	25	25S	26E	571505	3551456*	2002	245		
<a href="#">C 02221</a>	CUB		ED	4	3	2	25	25S	26E	571412	3551961*	2477	35		
<a href="#">C 02438</a>	CUB		ED	4	2	3	12	26S	26E	571015	3546705*	2811	30		
<a href="#">C 02220</a>	CUB		ED	3	1	2	26	25S	26E	569598	3552352*	3167	35		
<a href="#">C 02218</a>	CUB		ED	4	1	4	07	26S	27E	573039	3546725*	3451	35		
<a href="#">C 04329 POD1</a>	C		ED	2	2	2	27	25S	26E	568577	3552567	3901	57	14	43

Average Depth to Water: **14 feet**

Minimum Depth: **14 feet**

Maximum Depth: **14 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 571008.66

Northing (Y): 3549516.11

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.

2/9/24 9:57 AM


Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



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	? S
				Groundwater	New Mexico	GO	

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 320616104142801

Minimum number of levels = 1  
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USGS 320616104142801 25S.26E.25.23231

Eddy County, New Mexico  
Latitude 32°06'12.6", Longitude 104°14'33.9" NAD83  
Land-surface elevation 3,188.60 feet above NGVD29  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measur
1978-01-25			D 62610		3184.39	NGVD29	1		Z	
1978-01-25			D 62611		3186.05	NAVD88	1		Z	
1978-01-25			D 72019	4.21			1		Z	
1983-02-01			D 62610		3185.96	NGVD29	1		Z	
1983-02-01			D 62611		3187.62	NAVD88	1		Z	
1983-02-01			D 72019	2.64			1		Z	
1987-10-08			D 62610		3185.63	NGVD29	1		Z	
1987-10-08			D 62611		3187.29	NAVD88	1		Z	
1987-10-08			D 72019	2.97			1		Z	
1992-11-04			D 62610		3186.55	NGVD29	1		S	
1992-11-04			D 62611		3188.21	NAVD88	1		S	
1992-11-04			D 72019	2.05			1		S	
1998-01-07			D 62610		3186.62	NGVD29	1		S	
1998-01-07			D 62611		3188.28	NAVD88	1		S	
1998-01-07			D 72019	1.98			1		S	

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
2003-01-28		D	62610	3181.38	NGVD29	1	S USGS
2003-01-28		D	62611	3183.04	NAVD88	1	S USGS
2003-01-28		D	72019	7.22		1	S USGS
2013-01-09 22:45 UTC	m	62610	3177.78	NGVD29	1	S USGS	
2013-01-09 22:45 UTC	m	62611	3179.44	NAVD88	1	S USGS	
2013-01-09 22:45 UTC	m	72019	10.82		1	S USGS	
2018-02-13 22:15 UTC	m	62610	3174.64	NGVD29	1	S USGS	
2018-02-13 22:15 UTC	m	62611	3176.30	NAVD88	1	S USGS	
2018-02-13 22:15 UTC	m	72019	13.96		1	S USGS	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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**Title:** Groundwater for New Mexico: Water Levels

**URL:** <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

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New Mexico

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Agency code = usgs

site\_no list =

- 320320104145101

Minimum number of levels = 1

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USGS 320320104145101 26S.26E.12.34120

Eddy County, New Mexico

Latitude 32°03'09.7", Longitude 104°14'56.7" NAD83

Land-surface elevation 3,230.90 feet above NGVD29

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1978-01-25			D	62610	3217.55	NGVD29	1	Z			A
1978-01-25			D	62611	3219.22	NAVD88	1	Z			A
1978-01-25			D	72019	13.35		1	Z			A
1992-11-18			D	62610	3218.87	NGVD29	1	S			A
1992-11-18			D	62611	3220.54	NAVD88	1	S			A
1992-11-18			D	72019	12.03		1	S			A
1998-01-13			D	62610	3215.24	NGVD29	1	S			A
1998-01-13			D	62611	3216.91	NAVD88	1	S			A
1998-01-13			D	72019	15.66		1	S			A
2003-01-28			D	62610	3214.44	NGVD29	1	S	USGS	S	A
2003-01-28			D	62611	3216.11	NAVD88	1	S	USGS	S	A
2003-01-28			D	72019	16.46		1	S	USGS	S	A
2013-01-09	22:10 UTC	m	62610	3213.80	NGVD29	1	1	S	USGS	S	A
2013-01-09	22:10 UTC	m	62611	3215.47	NAVD88	1	1	S	USGS	S	A
2013-01-09	22:10 UTC	m	72019	17.10		1	1	S	USGS	S	A
2018-02-15	22:14 UTC	m	62610	3218.30	NGVD29	1	1	S	USGS	S	A
2018-02-15	22:14 UTC	m	62611	3219.97	NAVD88	1	1	S	USGS	S	A
2018-02-15	22:14 UTC	m	72019	12.60		1	1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Status	1	Static

Section	Code	Description
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Agency code = usgs  
site\_no list =

- 320625104153201

Minimum number of levels = 1  
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USGS 320625104153201 25S.26E.26.213213

Eddy County, New Mexico  
Latitude 32°06'25", Longitude 104°15'32" NAD27  
Land-surface elevation 3,219 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data

Tab-separated data

Graph of data

Reselect period

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
1983-02-01			D	62610	3199.04	NGVD29	1		Z	
1983-02-01			D	62611	3200.71	NAVD88	1		Z	
1983-02-01			D	72019	18.29		1		Z	
1987-10-08			D	62610	3202.18	NGVD29	1		Z	
1987-10-08			D	62611	3203.85	NAVD88	1		Z	
1987-10-08			D	72019	15.15		1		Z	
1992-11-04			D	62610	3202.16	NGVD29	1		S	
1992-11-04			D	62611	3203.83	NAVD88	1		S	
1992-11-04			D	72019	15.17		1		S	
1998-01-07			D	62610	3192.78	NGVD29	1		S	
1998-01-07			D	62611	3194.45	NAVD88	1		S	
1998-01-07			D	72019	24.55		1		S	

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
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	A	Approved for publication -- Processing and review completed.

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Agency code = usgs  
site\_no list =

- 320559104172201

Minimum number of levels = 1  
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USGS 320559104172201 25S.26E.28.423113

Eddy County, New Mexico  
Latitude 32°05'59", Longitude 104°17'22" NAD27  
Land-surface elevation 3,283 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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
1983-02-01			D	62610	3266.82	NGVD29	1	Z			A
1983-02-01			D	62611	3268.50	NAVD88	1	Z			A
1983-02-01			D	72019	14.50		1	Z			A
1987-10-08			D	62610	3268.06	NGVD29	1	Z			A
1987-10-08			D	62611	3269.74	NAVD88	1	Z			A
1987-10-08			D	72019	13.26		1	Z			A
1992-11-19			D	62610	3267.10	NGVD29	P	S			A
1992-11-19			D	62611	3268.78	NAVD88	P	S			A
1992-11-19			D	72019	14.22		P	S			A

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
Status	1	Static
Status	P	Pumping
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	A	Approved for publication -- Processing and review completed.

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**URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**



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## FEMA National Flood Hazard Layer (NFHL)



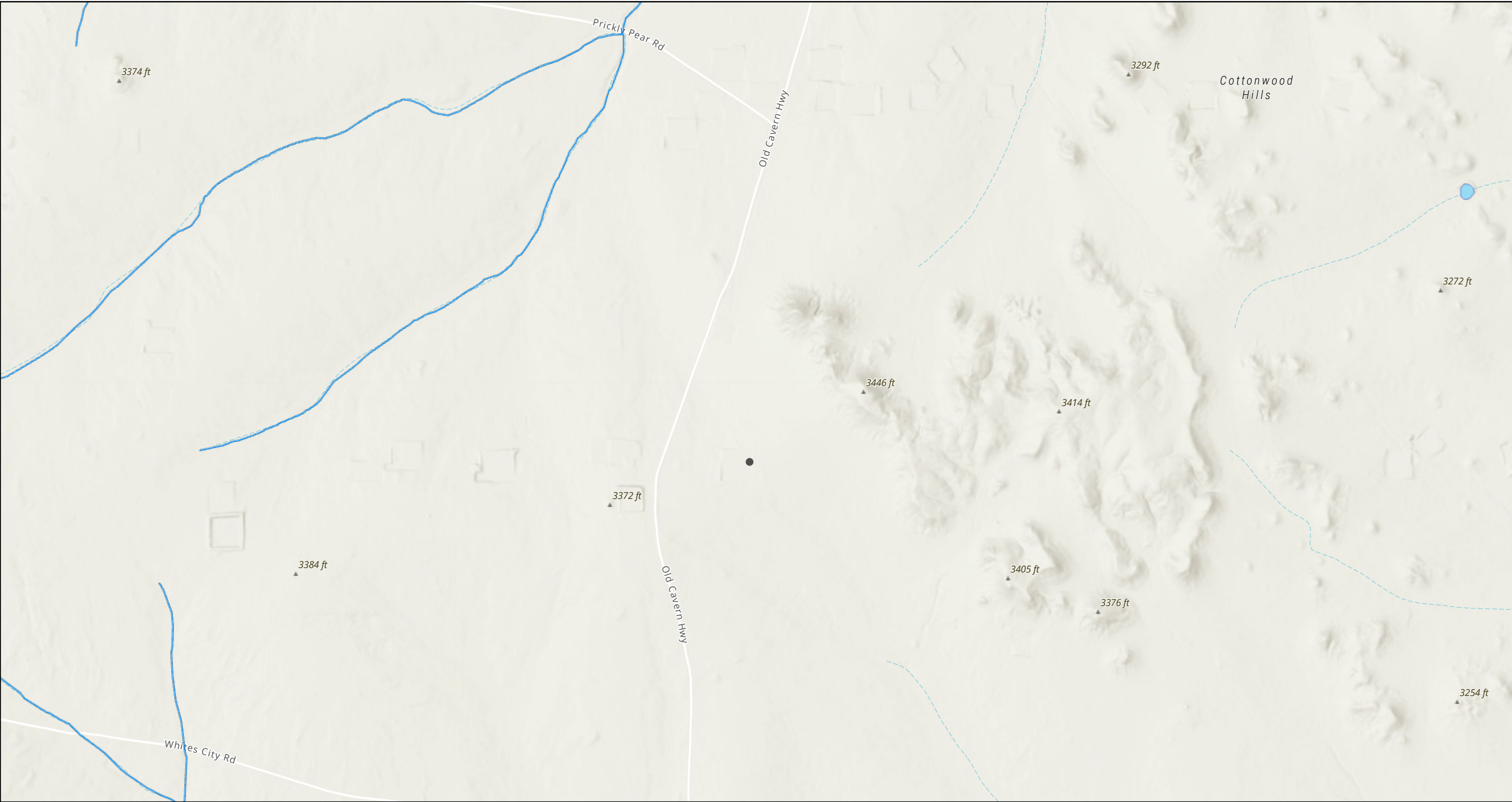
FEMA flood layer

0.3mi

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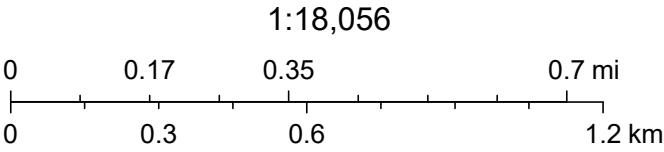


# Roadrunner Fed Com 23H (01.15.2024)



2/9/2024, 10:54:11 AM

- OSW Water Bodys
- 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

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**District II**  
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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**

QUESTIONS

Action 316583

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 316583
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2401634411
Incident Name	NAPP2401634411 ROADRUNNER FED COM 23H @ 0
Incident Type	Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2203858701] Roadrunner Fed Com 23H - Rt BTTY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Roadrunner Fed Com 23H
Date Release Discovered	01/15/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Other
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	Cause: Other   Other (Specify)   Crude Oil   Released: 0 BBL (Unknown Released Amount)   Recovered: 0 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Not answered.
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.



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QUESTIONS, Page 2

Action 316583

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 316583
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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. 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 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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: 02/22/2024
--	---

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QUESTIONS, Page 3  
  
Action 316583

**QUESTIONS (continued)**

Operator:  COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:  229137
	Action Number:  316583
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Site Characterization</b>	
<i>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 the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

<b>Remediation Plan</b>	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
<i>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>	
On what estimated date will the remediation commence	02/22/2024
On what date will (or did) the final sampling or liner inspection occur	02/09/2024
On what date will (or was) the remediation complete(d)	02/22/2024
What is the estimated surface area (in square feet) that will be remediated	14000
What is the estimated volume (in cubic yards) that will be remediated	0
<i>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.</i>	
<i>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.</i>	

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**District II**  
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**District III**  
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**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**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 316583

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 316583
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>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.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	No
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	Not answered.
<i>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>	
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: 02/22/2024
<i>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.</i>	

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QUESTIONS, Page 6

Action 316583

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	316583
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	312161
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	02/09/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	14000

**Remediation Closure Request**

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
What was the total surface area (in square feet) remediated	1400
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	Release was within a falcon lined facility. All fluids were removed, liner inspection performed and no further actions are required.

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 of 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.

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 02/22/2024
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CONDITIONS  
  
Action 316583

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 316583
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2401634411 ROADRUNNER FED COM 23H, thank you. This Remediation Closure Report is approved.	4/23/2024