

CARMONA RESOURCES



## SITE INFORMATION

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**Closure Report**  
**Fascinator D CTB (03.12.24)**  
**Lea County, New Mexico**  
**Incident ID: NAPP2408630430**  
**Unit D Sec 30 T24S R35E**  
**32.19359722°, -103.41442222°**

**Crude Oil Release**  
**Point of Release: Equipment Failure**  
**Release Date: 03.12.24**  
**Volume Released: 23 Barrels of Crude Oil**  
**Volume Recovered: 20 Barrels of Crude Oil**

CARMONA RESOURCES



**Prepared for:**  
**Concho Operating, LLC**  
**600 W Illinois Ave,**  
**Midland, Texas 79701**

**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



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April 2, 2024

New Mexico Oil Conservation Division  
1220 South St, Francis Drive  
Santa Fe, NM 87505

**Re: Closure Report**  
**Fascinator D CTB (03.12.24)**  
**Concho Operating, LLC**  
**Incident ID: NAPP2408630430**  
**Site Location: Unit D, S30, T24S, R35E**  
**(Lat 32.19359722°, Long -103.41442222°)**  
**Lea County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site activities for the Fascinator D CTB (03.12.24). The site is located at 32.19359722°, -103.41442222° within Unit D, S30, T24S, R35E, in Lea 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 March 12, 2024, caused by a hole in the fire tube on the heater treater. It resulted in the release of approximately twenty-three (23) barrels of crude oil, and approximately twenty (20) barrels of crude oil 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 low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, one known water sources is within a 0.50-mile radius of the location. The closest well is located approximately 0.24 miles South of the site in S25, T24S, R34E and was drilled in 2023. The well has a reported depth to groundwater of 180 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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 20,000 mg/kg.

### **4.0 Liner Inspection Activities**

On April 1, 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 March 26, 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

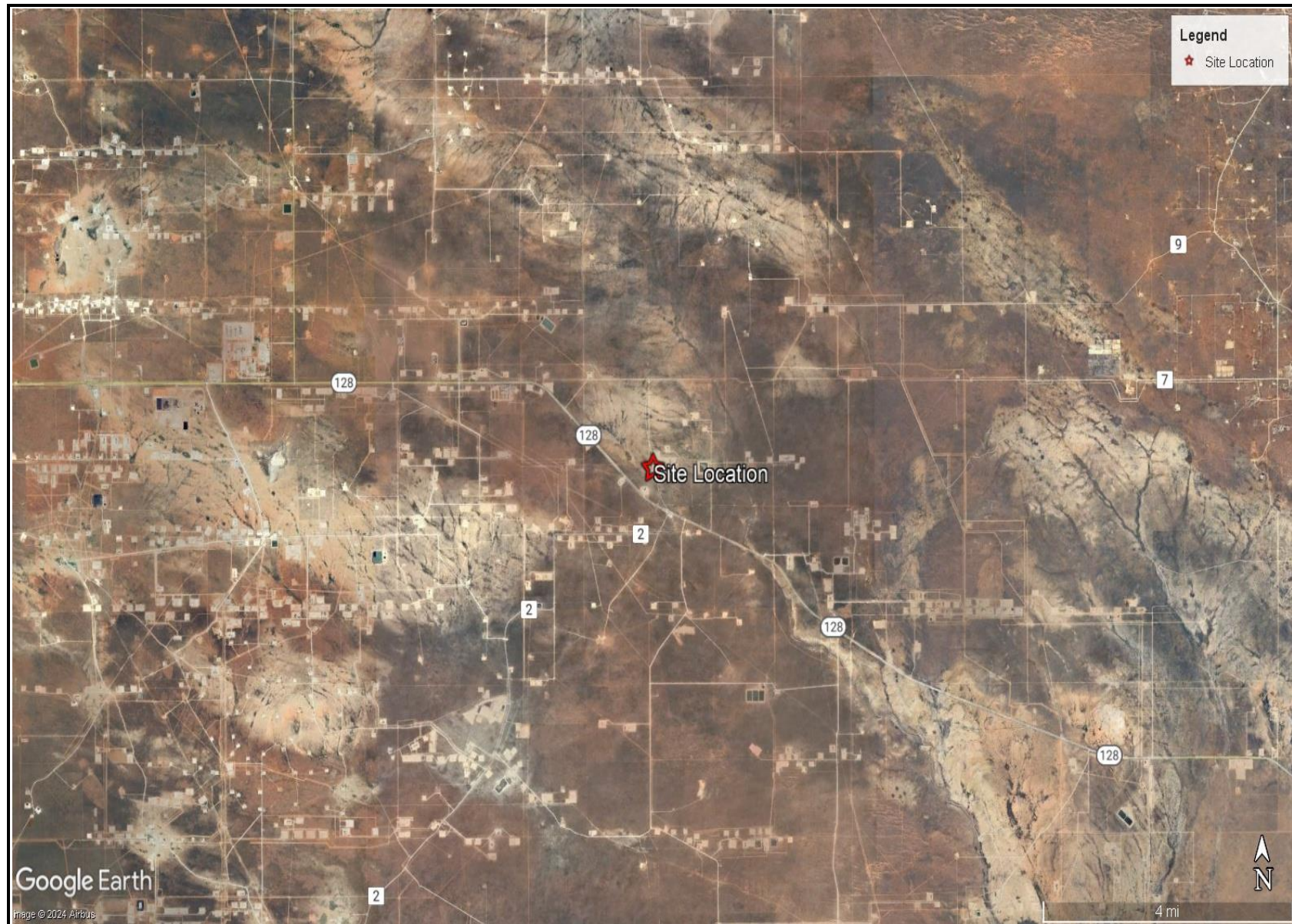
Conner Moehring  
Sr. Project Manager



## FIGURES

CARMONA RESOURCES



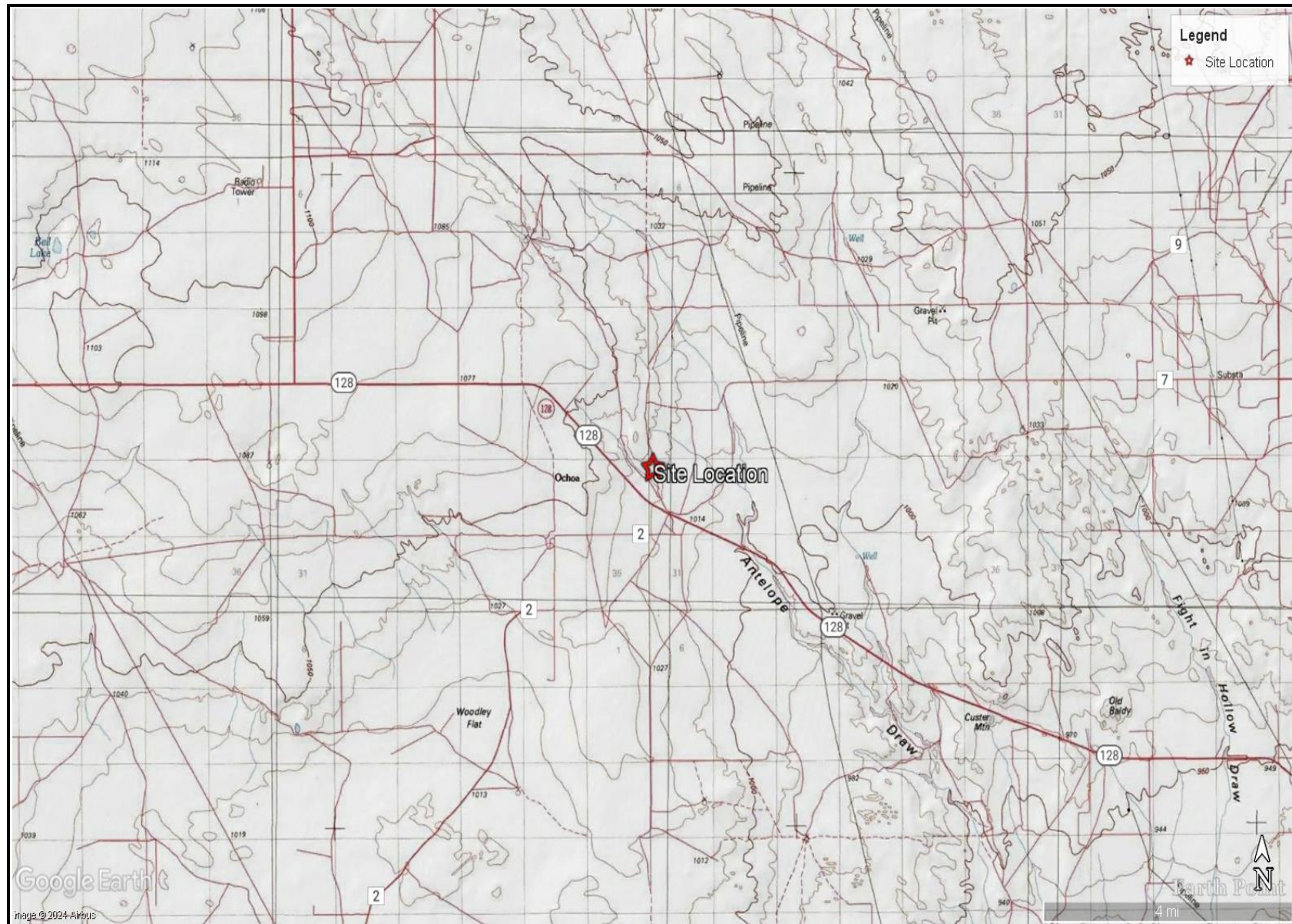


OVERVIEW MAP  
COG OPERATING, LLC  
FASCINATOR D CTB (03.12.24)  
LEA COUNTY, NEW MEXICO  
32.19359722°, 103.41442222°



FIGURE 1



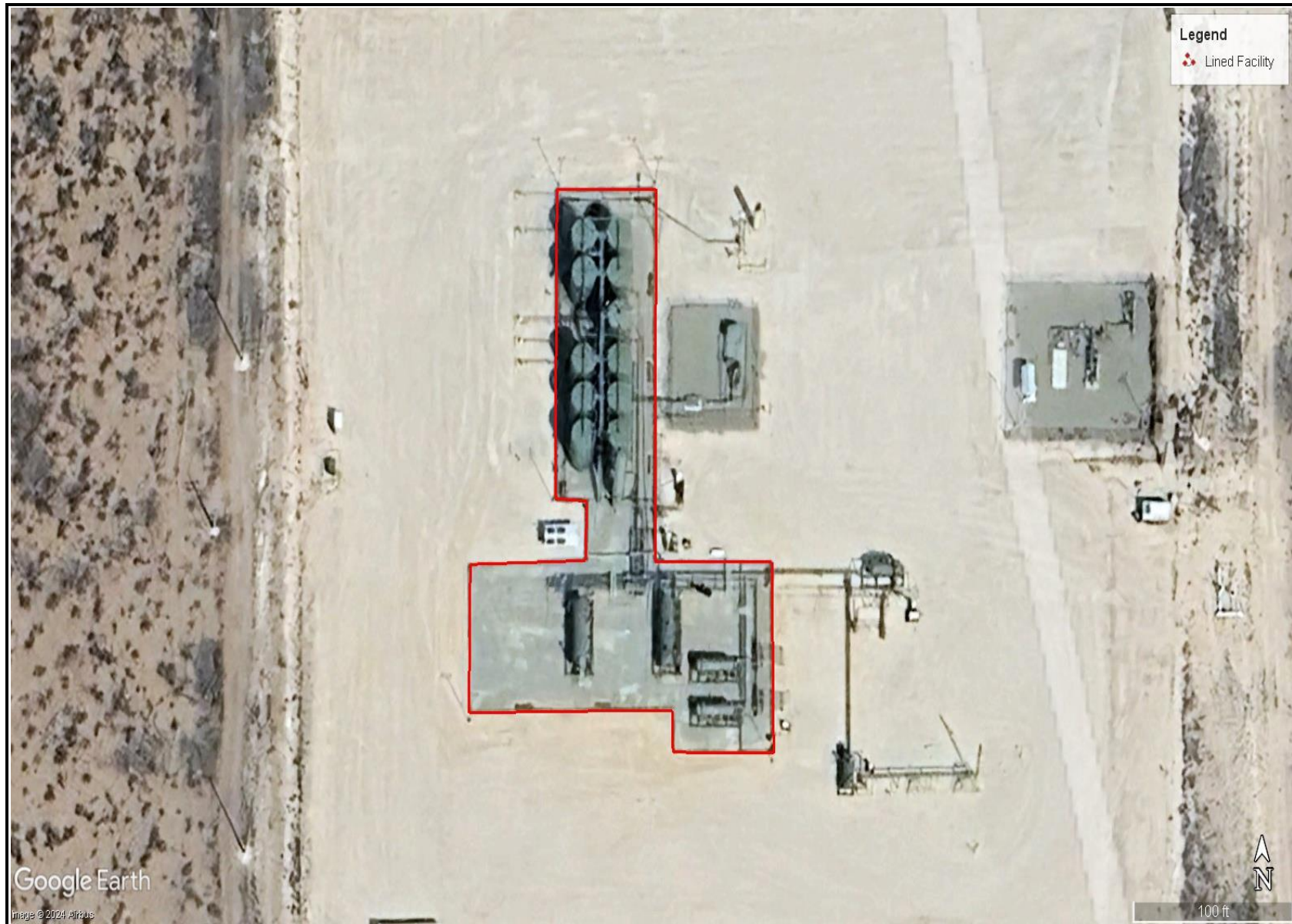


TOPOGRAPHIC MAP  
COG OPERATING, LLC  
FASCINATOR D CTB (03.12.24)  
LEA COUNTY, NEW MEXICO  
32.19359722°, 103.41442222°



FIGURE 2





SECONDARY CONTAINMENT MAP  
 COG OPERATING, LLC  
 FASCINATOR D CTB (03.12.24)  
 LEA COUNTY, NEW MEXICO  
 32.19359722°, 103.41442222°



FIGURE 3

## APPENDIX A

CARMONA RESOURCES





## PHOTOGRAPHIC LOG

## Concho Operating, LLC

## Photograph No. 1

Facility: Fascinator D CTB (03.12.24)

County: Lea County, New Mexico

## Description:

View South of facility sign.



## Photograph No. 2

Facility: Fascinator D CTB (03.12.24)

County: Lea County, New Mexico

## Description:

View Southwest of lined facility.



## Photograph No. 3

Facility: Fascinator D CTB (03.12.24)

County: Lea County, New Mexico

## Description:

View Southeast of lined facility.





**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 4****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Northeast of lined facility.

**Photograph No. 5****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Northeast of lined facility.

**Photograph No. 6****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Northeast of lined facility.



**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 7****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Southeast of lined facility.

**Photograph No. 8****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Northeast of lined facility.

**Photograph No. 9****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Northwest of lined facility.



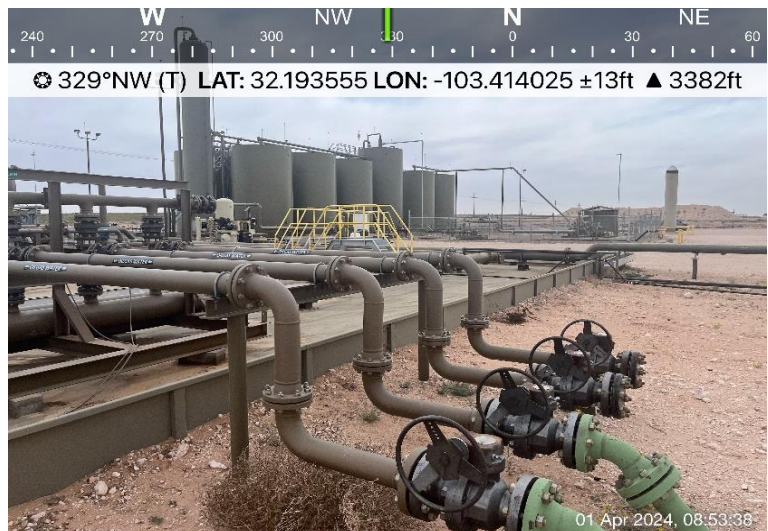


**PHOTOGRAPHIC LOG****Concho Operating, LLC****Photograph No. 10****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Southwest of lined facility.

**Photograph No. 11****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View Northwest of lined facility.

**Photograph No. 12****Facility:** Fascinator D CTB (03.12.24)**County:** Lea County, New Mexico**Description:**

View West 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 326692

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 326692
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Fascinator D CTB
Date Release Discovered	03/12/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Corrosion   Other (Specify)   Crude Oil   Released: 23 BBL   Recovered: 20 BBL   Lost: 3 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)	Release was caused by a hole in the fire tube on the heater treater.

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QUESTIONS, Page 2  
  
Action 326692

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 326692
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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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ACKNOWLEDGMENTS  
  
Action 326692

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 326692
	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 326692

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 326692
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/26/2024

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

QUESTIONS  
  
Action 326704

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 326704
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2408630430
Incident Name	NAPP2408630430 FASCINATOR D CTB @ 0
Incident Type	Oil Release
Incident Status	Notification Accepted
Incident Facility	[fAPP2203536813] Fascinator D CTB- RT BTTY

Location of Release Source	
Site Name	Fascinator D CTB
Date Release Discovered	03/12/2024
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	26,000
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	04/01/2024
Time liner inspection will commence	09:00 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	From the intersection of Battle Axe and NM128, travel East on NM128 for 0.71 miles. Turn Left onto an unnamed lease road and travel North for 0.93 miles. Turn Left on an unnamed lease road and travel West for 0.83 miles. Turn Left, cut across the pad, and head south for 0.17 miles. Arrive on location.



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CONDITIONS  
  
Action 326704

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 326704
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
jlaire	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.	3/26/2024



## APPENDIX C

CARMONA RESOURCES





Nearest water well

COG Operating

Legend

0.24 Miles

0.50 Mile Radius

1.05 Miles

1.15 Miles

Fascinator D CTB (03.12.2024)

NMSEO Water Well

USGS Water Well





Low Karst

COG Operating

Legend

- Fascinator D CTB (03.12.2024)
- Low

Fascinator D CTB (03.12.2024)





# 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 04682</a>	C	LE		4	4	2	25	24S	34E	649349	3562621	390	290	180	110
<a href="#">CP 00839 POD1</a>	CP	LE		4	3	30	24S	35E		650017	3561833*	1289	175		
<a href="#">C 04737 POD1</a>	CUB	LE		1	3	3	24	24S	34E	647828	3563471	1698	250		
<a href="#">C 04042 POD1</a>	CUB	LE		2	1	4	36	24S	34E	648539	3561545	1717			
<a href="#">C 03942 POD1</a>	CUB	LE		3	1	2	35	24S	34E	647005	3561246	3013	420	222	198
<a href="#">C 02401</a>	CUB	LE		2	2	1	01	25S	34E	648534	3559896*	3235	275	260	15

Average Depth to Water: **220 feet**

Minimum Depth: **180 feet**

Maximum Depth: **260 feet**

Record Count: 6

UTM NAD83 Radius Search (in meters):

Easting (X): 649459

Northing (Y): 3562996

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.

3/13/24 10:38 AM


Page 1 of 1

WATER COLUMN/ AVERAGE  
DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04682	4	4	2	25	24S	34E	649349	3562621 

Driller License:	1058	Driller Company:	KEY'S DRILLING & PUMP SERVICE						
Driller Name:	GARY KEY								
Drill Start Date:	12/20/2022	Drill Finish Date:	01/18/2023			Plug Date:	01/18/2023		
Log File Date:	02/08/2023	PCW Rcv Date:				Source:	Shallow		
Pump Type:		Pipe Discharge Size:				Estimated Yield:	3 GPM		
Casing Size:	4.50	Depth Well:	290 feet			Depth Water:	180 feet		

Water Bearing Stratifications:		Top	Bottom	Description
		157	270	Sandstone/Gravel/Conglomerate

Casing Perforations:		Top	Bottom
		160	290

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.

3/13/24 10:39 AM

POINT OF DIVERSION SUMMARY





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

OSE DT JUN 30 2023 PM 2:15

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. MW-1		OSE FILE NO(S) C-4737			
	WELL OWNER NAME(S) NGL Waste Services				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 1008 Southview Circle				CITY Center	STATE TX	ZIP 75935	
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 11	SECONDS 53.12	N		
		LONGITUDE -103		25	53.91	W		
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE From the intersection of County Rd. B and NM-128, travel E-SE on NM-128 ~2.4mi. Well located ~596' SW of NM-128								
2. DRILLING & CASING INFORMATION	LICENSE NO. NM-1800		NAME OF LICENSED DRILLER Jarod M Michalsky			NAME OF WELL DRILLING COMPANY Talon/LPE, Ltd.		
	DRILLING STARTED 4/25/23	DRILLING ENDED 4/28/23	DEPTH OF COMPLETED WELL (FT) 250		BORE HOLE DEPTH (FT) 251	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A DATE STATIC MEASURED N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	210	8	Sch 80 PVC	Riser	4	0.5	-
	210	250	8	Sch 80 PVC	Screen	4	0.5	0.020
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	2	8	Portland Cement	0.13	Tremie		
	2	195	8	3/8 Bentonite Pellets	12.89	Tremie		
	195	251	8	8/16 Silica Sand	3.74	Tremie		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. <b>C-4737-POD 1</b>	POD NO. <b>1</b>	TRN NO. <b>745751</b>
LOCATION <b>Mon 24.34.24.133</b>	WELL TAG ID NO. <b>---</b>	PAGE 1 OF 2



DEPTH (feet bgl)	THICKNESS (feet)		COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			
0	10	10	SM: Sandy Silt, 20% Fine Grained Sand, 80% Silt, Dry, 7.5YR 8/3, No Odor	Y ✓ N	
10	15	5	SM-SW: Fine, 15% Silt, 45% Sand, 40% pebbles, Dry, 7.5YR 8/4, No Odor	Y ✓ N	
15	20	5	SW: Fine Grained Sand, Dry, 2.5YR 6/6, No Odor	Y ✓ N	
20	45	25	SM: Sandy Silt, 10-20% Fine Sand, 20-80% Silt, Dry, 2.5-5YR 4-5/4, No Odor	Y ✓ N	
45	55	10	SM: Sandy Silt, 10% Fine Grained Sand, 90% Silt, Dry, 10YR 6/2, No Odor	Y ✓ N	
55	60	5	SM: Sandy Silt, 10% Fine Grained Sand, 90% Silt, Dry, 5YR 4/4, No Odor	Y ✓ N	
60	70	10	SM: Sandy Siltstone, Friable, 10% Fine Sand, 90% Silt, Dry, 2.5YR 4/4, No Odor	Y ✓ N	
70	75	5	SW: Fine Grained Sandstone, Dry, 10YR 4/1, No Odor	Y ✓ N	
75	90	15	SM: Sandy Siltstone, Friable, 15% Fine Sand, 85% Silt, Dry, 2.5YR 5/4, No Odor	Y ✓ N	
90	140	50	SM: Silty Sandstone, Friable, 45% Silt, 55% Fine Sand, Dry, 5YR 6/2, No Odor	Y ✓ N	
140	145	5	SW: Fine Grained Sandstone, Dry, 5YR 6/2, No Odor	Y ✓ N	
145	155	15	SM: Sandy Siltstone, Friable, 20% Fine Sand, 80% Silt, Dry, 2.5YR 5/6, No Odor	Y ✓ N	
155	170	15	SW: Sandstone, Friable, 40% Medium Sand, 60% Fine Sand, 2.5YR 6/6 Dry	Y ✓ N	
170	175	5	SM: Silty Sandstone, 20% Silt, 80% Fine Sand, Friable, Dry, 2.5YR 3/4, No Odor	Y ✓ N	
175	185	10	SW: Sandstone, Friable, 40% Medium Sand, 60% Fine Sand, Dry, 2.5YR 4/4	Y ✓ N	
185	200	15	SW: Sandstone, Very Fine to Fine Grained Sand, Dry, 2.5YR 4/4, No Odor	Y ✓ N	
200	205	5	SM: Silty Sandstone, 20% Silt, 80% Fine Sand, Dry, 2.5YR 4/4, No Odor	Y ✓ N	
205	220	15	SW: Silty Sandstone, Fine Grained Sand, Dry, 5YR 5/6, No Odor	Y ✓ N	
220	230	10	SW: Sandstone, 50% Medium Sand, 50% Fine Sand, 2.5YR 4/4, No Odor	Y ✓ N	
230	251	21	SW: Sandstone, Fine Grained Sand, Dense, Damp, 5YR 4/6, No Odor	Y ✓ N	
				Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION:	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Zechariah D Moody	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	Jarod M Michalsky Digitally signed by Jarod M Michalsky DN: cn=Jarod M Michalsky, o=Talon/ LPE, Ltd., ou= email=jmichalsky@talonlpe.com, c=US Date: 2023.06.27 10:05:28 -05'00'	Jarod M Michalsky 06/27/2023
SIGNATURE OF DRILLER / PRINT SIGNEE NAME		DATE

DSE DT JUN 30 2023 PM2:15

FOR OSE INTERNAL USE

WR-20 WELL RECORD &amp; LOG (Version 09/22/2022)

FILE NO. C-4737-POD 1	POD NO. 1	TRN NO. 745751
LOCATION Woa 24.34. 24.133	WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWell, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 745751  
File Nbr: C 04737  
Well File Nbr: C 04737 POD1

Jun. 30, 2023

WOODY DUNCAN  
TALON LPE  
921 N BIVINS STREET  
AMARILLO, TX 79107

Greetings:

The above numbered permit was issued in your name on 04/14/2023.

The Well Record was received in this office on 06/30/2023, stating that it had been completed on 04/28/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 04/13/2024.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in blue ink that reads "Maret Thompson".

Maret Thompson  
(575) 622-6521

drywell





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National Water Information System: Web Interface

USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
New Mexico

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Groundwater levels for New Mexico

Click to hide state-specific text

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list =

- 321039103243401

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 321039103243401 24S.35E.30.34233

Lea County, New Mexico  
Latitude 32°10'39", Longitude 103°24'34" NAD27  
Land-surface elevation 3,343 feet above NAVD88  
The depth of the well is 176 feet below land surface.  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Chinle Formation (231CHNL) 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 measur
1953-11-27			D 62610		3201.89	NGVD29	1		Z	
1953-11-27			D 62611		3203.44	NAVD88	1		Z	
1953-11-27			D 72019	139.56			1		Z	
1965-11-02			D 62610		3200.46	NGVD29	1		Z	
1965-11-02			D 62611		3202.01	NAVD88	1		Z	
1965-11-02			D 72019	140.99			1		Z	
1968-06-12			D 62610		3200.93	NGVD29	1		Z	
1968-06-12			D 62611		3202.48	NAVD88	1		Z	
1968-06-12			D 72019	140.52			1		Z	
1970-12-08			D 62610		3202.87	NGVD29	1		Z	
1970-12-08			D 62611		3204.42	NAVD88	1		Z	
1970-12-08			D 72019	138.58			1		Z	

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	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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**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: 2024-03-13 12:44:30 EDT  
0.29 0.25 nadww01

# FEMA National Flood Hazard Layer (NFHL)



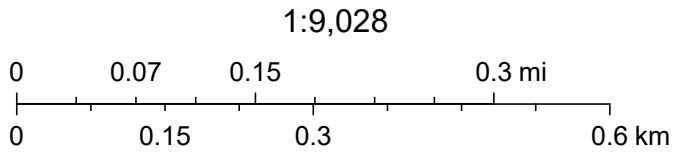


Fascinator D CTB (03.12.2024)



3/13/2024, 11:37:28 AM

— OSE Streams



Esri, HERE, Garmin, IPC, Maxar, NM OSE



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

QUESTIONS

Action 332360

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	332360
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2408630430
Incident Name	NAPP2408630430 FASCINATOR D CTB @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2203536813] Fascinator D CTB- RT BTTY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Fascinator D CTB
Date Release Discovered	03/12/2024
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Corrosion   Other (Specify)   Crude Oil   Released: 23 BBL   Recovered: 20 BBL   Lost: 3 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)	Release was caused by a hole in the fire tube on the heater treater.

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QUESTIONS, Page 2

Action 332360

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	332360
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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: 04/04/2024
--	---

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QUESTIONS, Page 3

Action 332360

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	332360
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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 the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 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	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	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	04/01/2024
On what date will (or did) the final sampling or liner inspection occur	04/01/2024
On what date will (or was) the remediation complete(d)	04/11/2024
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	26000
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.	

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QUESTIONS, Page 4  
  
Action 332360

**QUESTIONS (continued)**

Operator:  COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:  229137
	Action Number:  332360
	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)	No
<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: 04/11/2024
<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 332360

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	332360
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

**QUESTIONS**

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	326704
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	04/01/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	26000

**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	26000
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	N/A

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: 04/11/2024
--	---

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CONDITIONS  
  
Action 332360

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 332360
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Liner inspection is approved. Release resolved.	5/13/2024