



SITE INFORMATION

**Closure Report
Myox State 28B CTB
Eddy County, New Mexico
Unit B Sec 28 T25S R28E
32.107353°, -104.091288°**

Point of Release: Overflowing tanks

Incident #: NAPP2211638306

Release Date: 04/09/2022

Volume Released: 5 barrels of Crude Oil & 15.026 barrels of Produced Water.

Volume Recovered: 4.5 barrels of Crude Oil & 14.5 barrels of Produced Water.

CARMONA RESOURCES



Point of Release: faulting transfer pump

Incident #: NAPP213031396

Release Date: 05/01/2022

Volume Released: 280 barrels of Produced Water

Volume Recovered: 280 barrels of Produced Water

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

**Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 415
Midland, Texas 79701**

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July 21, 2022

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

**Re: Closure Report
Myox State 28B CTB
Concho Operating, LLC
Site Location: Unit B, S28, T25S, R28E
(Lat 32.107353°, Long -104.091288°)
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 Myox State 28B CTB (04.09.22). The site is located at 32.107353°, -104.091288° within Unit B, S28, T25S, R28E, 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 April 9, 2022, due to overflowing tanks inside the secondary containment. It resulted in approximately 5 barrels of crude oil and 15.026 barrels of produced water being released. A total of 4.5 barrels of crude oil and 14.5 barrels of produced water were recovered. See figure 3. The initial C-141 form is attached in Appendix B.

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 1, 2022, due to faulting transfer pumps inside the secondary containment. It resulted in approximately 280 barrels of produced water being released and two 280 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 medium 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 0.81 miles Southwest of the site in S29, T25S, R28E and was drilled in 2015. The well has a reported depth to groundwater of 30.0' feet below ground surface (ft bgs). A copy of the associated USGS – National Water Information System report 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 May 9, 2022, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility. Carmona Resources, LLC personnel proceeded to inspect the liner visually. The liner was found 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 closure of the spill. If you have any questions regarding this report or need additional information, don't hesitate to contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

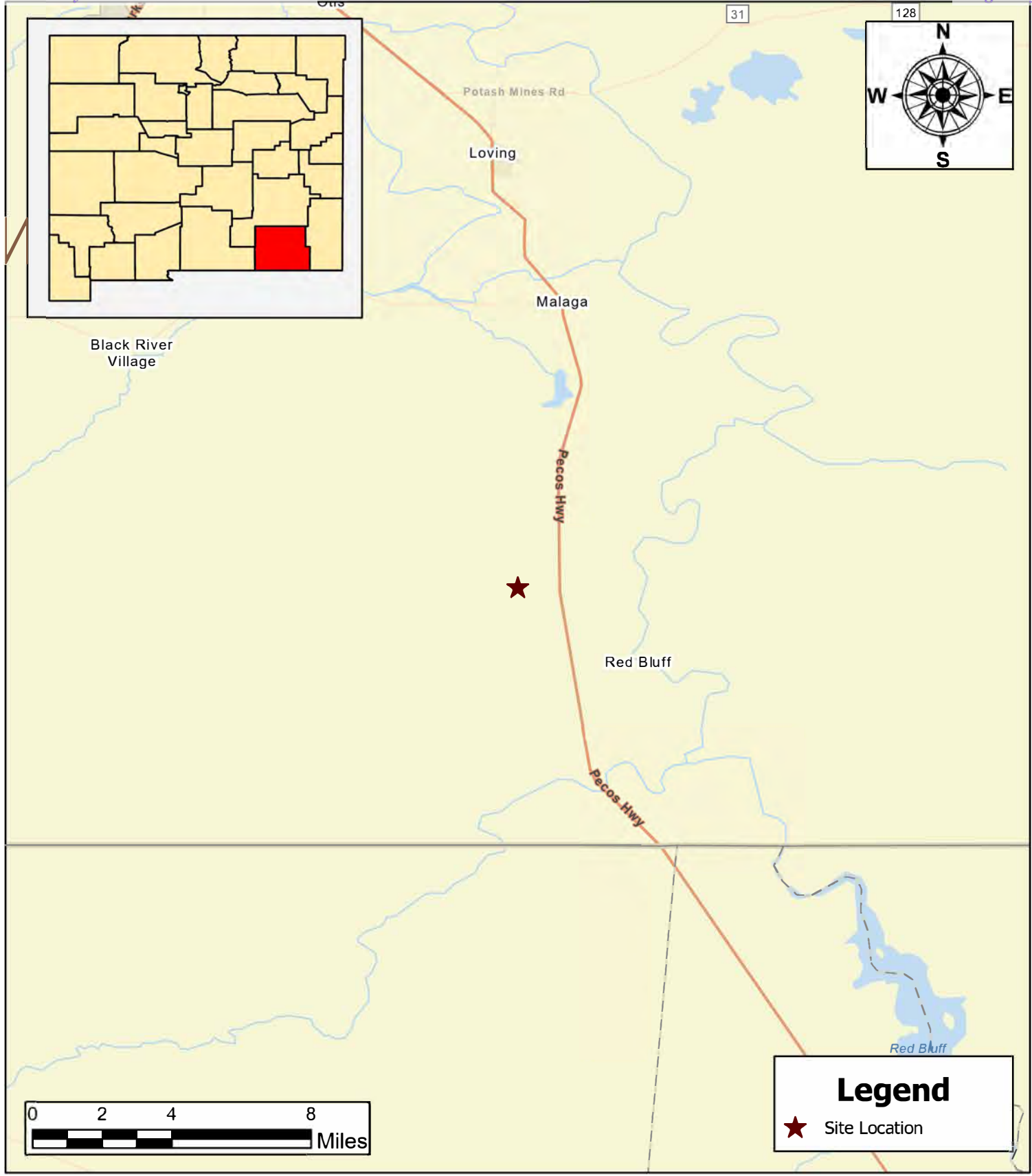
Mike Carmona
Environmental Manager

Clinton Merritt
Sr. Project Manager

FIGURES

CARMONA RESOURCES



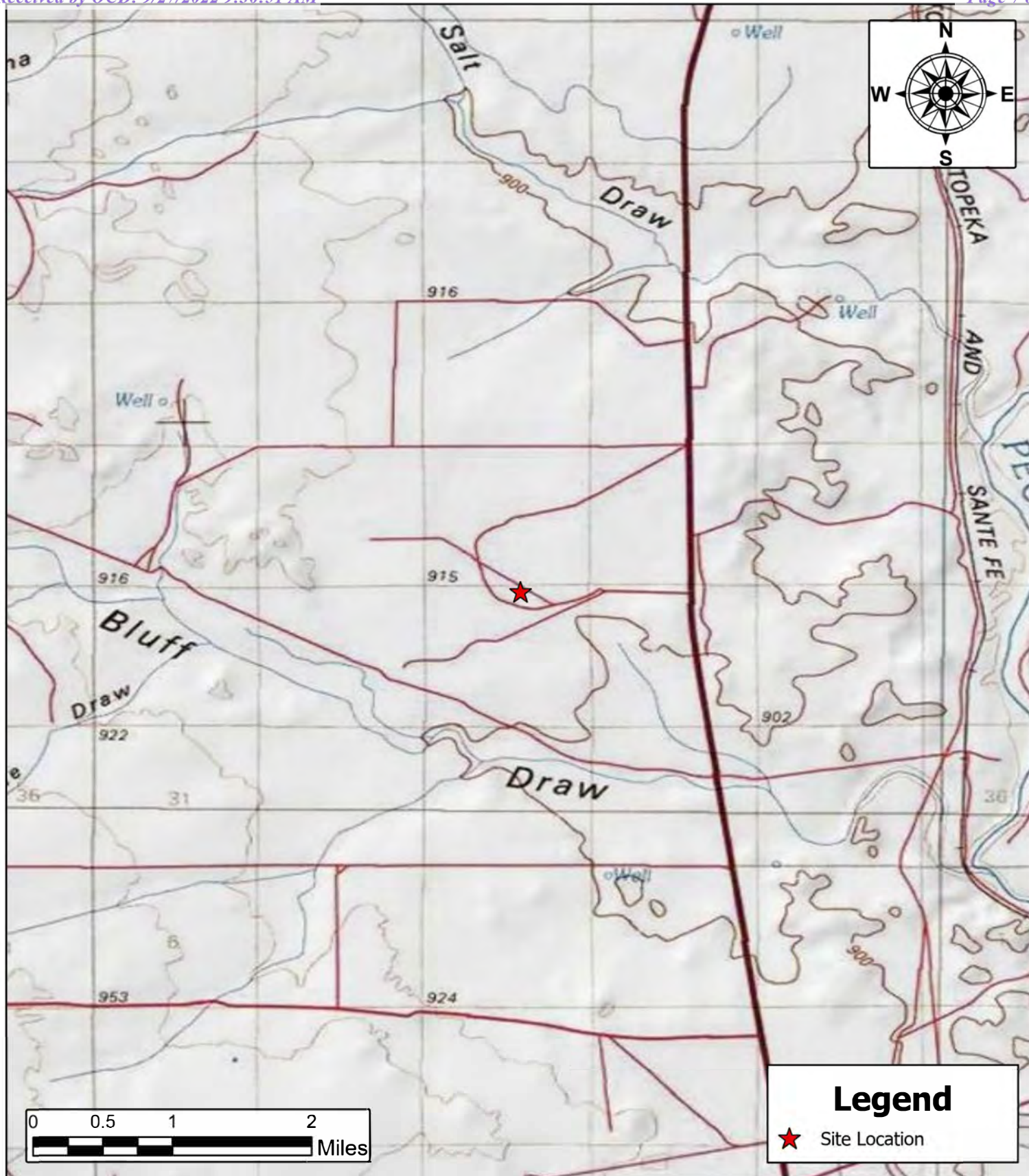



<p>SITE LOCATION MAP COG OPERATING MYOX STATE 28B CTB (04.09.22) EDDY COUNTY, NEW MEXICO 32.107353°, -104.091288°</p>	
<p>SCALE: As Shown</p>	<p>Date: 5/10/2022</p>

<p>CARMONA RESOURCES</p>  <p>Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701</p>

<p>NOTES:</p> <p>1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N</p>
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<p>DRAWING NUMBER:</p> <p>FIGURE 1</p> <p>SHEET NUMBER:</p> <p>1 of 1</p>



<p>TOPOGRAPHIC MAP COG OPERATING MYOX STATE 28B CTB (04.09.22) EDDY COUNTY, NEW MEXICO 32.107353°, -104.091288°</p>		<p>CARMONA RESOURCES</p>  <p>Carmona Resources 310 West Wall Street, Suite 415 Midland, Texas 79701</p>	<p><u>NOTES:</u></p> <p>1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N</p>	<p>DRAWING NUMBER:</p>
				<p>FIGURE 2</p>
<p>SCALE: As Shown</p> <p>Date: 5/10/2022</p>				<p>SHEET NUMBER:</p>
				<p>1 of 1</p>



SECONDARY CONTAINMENT MAP
COG OPERATING
 MYOX STATE 28B CTB (04.09.22)
 EDDY COUNTY, NEW MEXICO
 32.107353°, -104.091288°

SCALE: As Shown

Date: 5/10/2022



Carmona Resources
 310 West Wall Street, Suite 415
 Midland, Texas 79701

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

APPENDIX A

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Myox State 28B CTB

County: Eddy County, New Mexico

Description:

View South of lined facility.



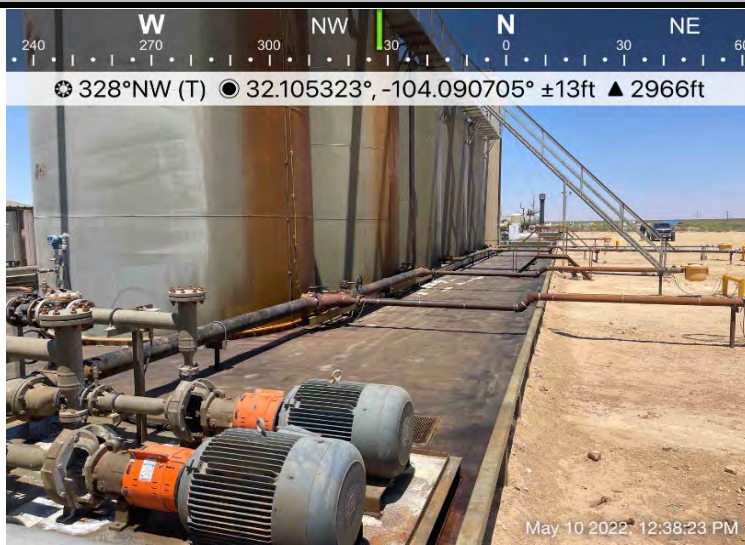
Photograph No. 2

Facility: Myox State 28B CTB

County: Eddy County, New Mexico

Description:

View Northwest of lined facility.



Photograph No. 3

Facility: Myox State 28B CTB

County: Eddy County, New Mexico

Description:

View Northwest of lined facility.



PHOTOGRAPHIC LOG

Concho Operating, LLC

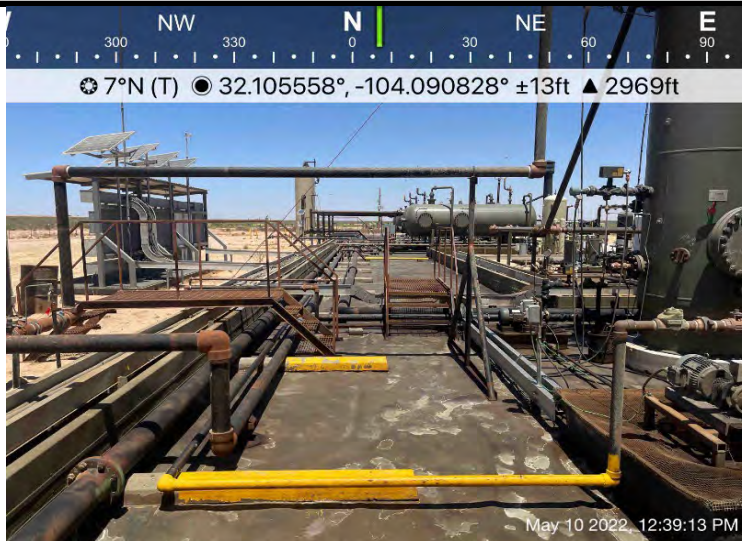
Photograph No. 4

Facility: Myox State 28B CTB

County: Eddy County, New Mexico

Description:

View North of lined facility.



Photograph No. 5

Facility: Myox State 28B CTB

County: Eddy County, New Mexico

Description:

View Northeast of lined facility.



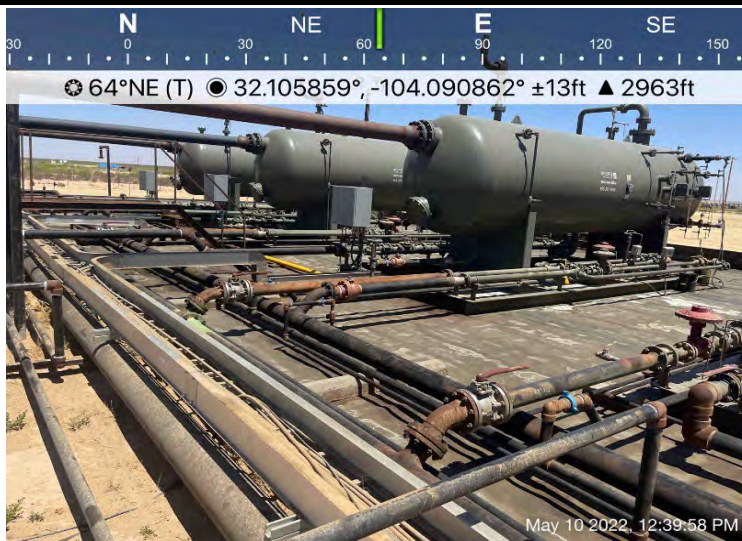
Photograph No. 6

Facility: Myox State 28B CTB

County: Eddy County, New Mexico

Description:

View Northeast of lined facility.



APPENDIX B

CARMONA RESOURCES



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		

State of New Mexico
Oil Conservation Division

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 Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

7	Spill Calculation - Subsurface Spill - Rectangle							
8	Was the release on pad or off-pad?				See reference table below			
9	Has it rained at least a half inch in the last 24 hours?				See reference table below			
10	Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Depth (in.)	Soil Spilled-Fluid Saturation	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage Spilled
11	Rectangle A	45.0	30.0	0.50	0.00%	10.013	0.000	
12	Rectangle B	40.0	15.0	0.50		4.450	0.000	
13	Rectangle C	75.0	20.0	0.25		5.563	0.000	
14	Rectangle D					0.000	0.000	
15	Rectangle E					0.000	0.000	
16	Rectangle F					0.000	0.000	
17	Rectangle G					0.000	0.000	
18	Rectangle H					0.000	0.000	
19	Rectangle I					0.000	0.000	
20	Rectangle J					0.000	0.000	
21	Total Volume Release:						0.000	

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	NAPP2213031396
District RP	
Facility ID	fAPP2204052473
Application ID	

Release Notification

Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jacqui Harris	Contact Telephone	(575) 496-0780
Contact email	Jacqui.Harris@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2213031396
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

Location of Release Source

Latitude 32.10562 Longitude -104.0908
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Myox State 28B CTB	Site Type	Tank Battery
Date Release Discovered	May 1, 2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
B	28	25S	28E	Eddy

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Devon Energy Production Co. LP)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 280	Volume Recovered (bbls) 280
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

The release was caused by a faulting transfer pump due to high discharge pressure.
The release occurred within the falcon lined facility. A vacuum truck was dispatched to remove all freestanding fluids. Evaluation will be made of the spill area for any possible impact from the release.


State of New Mexico
Oil Conservation Division

Incident ID	NAPP2213031396
District RP	
Facility ID	fAPP2204052473
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The volume released was greater than 25 barrels.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Immediate notification was made by Jacqui Harris on May 2, 2022 at 4:42 PM to ocd.enviro@state.nm.us.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Brittany N. Esparza	Title: Environmental Technician
Signature: 	Date: 5/16/2022
email: Brittany.Esparza@ConocoPhillips.com	Telephone: (432) 221-0398
OCD Only Received by: _____ Date: _____	

L48 Spill Volume Estimate Form									
Facility Name & Number: Myox State 28B CTB									
Asset Area: DBW									
Release Discovery Date & Time: 5.1.22									
Release Type: Produced Water									
Provide any known details about the event: Transfer pump failure									
Spill Calculation - On Pad Surface Pool Spill									
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated Pool Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	124.0	45.0	6.00	3	5580.000	0.167	165.540	0.008	166.920
Rectangle B	63.0	14.0	5.00	2	882.000	0.208	32.708	0.010	33.048
Rectangle C	75.0	50.0	4.25	3	3750.000	0.118	78.802	0.006	79.267
Rectangle D					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle E					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle F					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle G					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle H					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle I					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Total Volume Release:									279.235

Incident ID	Jocelyn Harimon
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2213031396
District RP	
Facility ID	
Application ID	

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: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 09/27/2022

Incident ID	nAPP2213031396
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Friday, May 6, 2022 10:41 AM
To: OCD.Enviro@state.nm.us
Cc: Harris, Jacqui; Conner Moehring
Subject: COG Myox State 28 CTB (04.09.22) Notification

Good Morning,

On behalf of COG, Carmona Resources will be conducting a liner inspection at the below-referenced site on 05/10/2022. Please let me know if you have any questions.

COG Myox State 28 CTB (04.09.22)
Incident Id- NAPP2211638306
32.10536°, -104.09076°
Eddy County, New Mexico

Mike J. Carmona
310 West Wall Street, Suite 415
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com



APPENDIX C

CARMONA RESOURCES



Nearest water well

COG OPERATING

Legend

- 0.50 Mile Radius
- 0.81 Miles
- 0.87 Miles
- Myox State 28B CTB (04.09.22)
- NMSEO Water Well

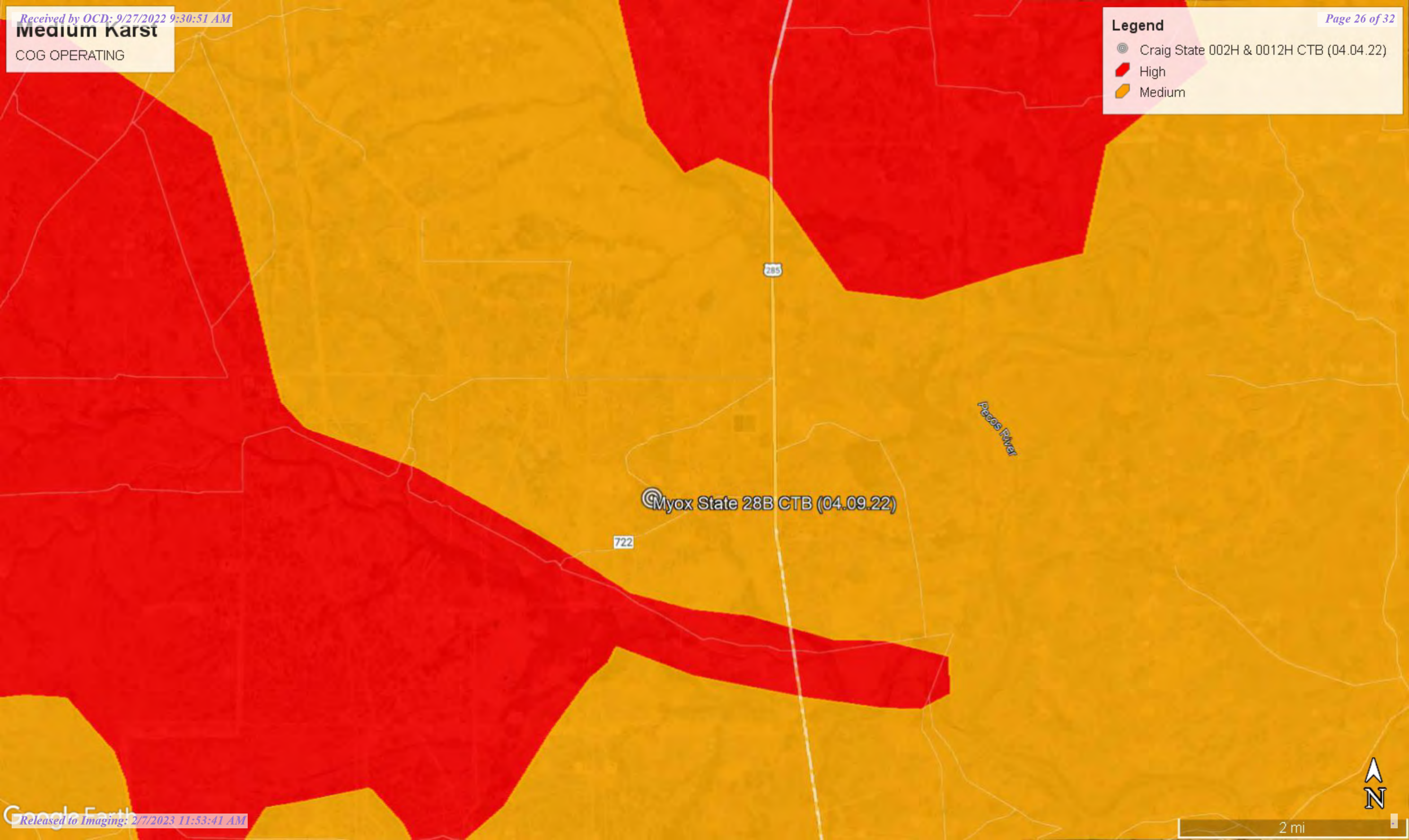


Medium Karst

COG OPERATING

Legend

- ⊙ Craig State 002H & 0012H CTB (04.04.22)
- High
- Medium





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	Depth Well	Depth Water	Water Column
C 01278	C	ED		4	3	28	25S	28E		585470	3551338*	205	90	115
C 01411	R	C	ED	4	4	2	04	25S	28E	586289	3558522*	69	35	34
C 01411 POD2	C	ED		4	2	4	04	25S	28E	586374	3558036	90	50	40
C 01453	C	ED		1	2	26	25S	28E		589096	3552612*	70	40	30
C 01522	C	ED			1	22	25S	28E		586843	3554004*	150		
C 01573 POD1	C	ED		3	1	4	20	25S	28E	584144	3553361	176	96	80
C 02668	C	ED		2	1	2	09	25S	28E	585890	3557525*	150		
C 03263 POD1	CUB	ED		1	1	1	07	25S	28E	581628	3557501*	133		
C 03836 POD1	C	ED		2	2	4	29	25S	28E	584682	3551934	300	30	270
C 03861 POD1	C	ED		4	2	3	18	25S	28E	582266	3554864	91	63	28
C 04513 POD1	CUB	ED		3	2	2	35	25S	28E	545587	3550698			

Average Depth to Water: **57 feet**

Minimum Depth: **30 feet**

Maximum Depth: **96 feet**

Record Count: 11

PLSS Search:

Township: 25S

Range: 28E

*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.

5/8/22 5:31 PM


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 03836 POD1	2	2	4	29	25S	28E	584682	3551934 
<hr/>									
Driller License: 1654		Driller Company:		NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC					
Driller Name:									
Drill Start Date: 04/06/2015		Drill Finish Date:		04/08/2015		Plug Date:			
Log File Date: 04/16/2015		PCW Rev Date:				Source:		Shallow	
Pump Type: SUBMER		Pipe Discharge Size:				Estimated Yield:		35 GPM	
Casing Size: 7.00		Depth Well:		300 feet		Depth Water:		30 feet	
<hr/>									
Water Bearing Stratifications:				Top	Bottom	Description			
				15	45	Sandstone/Gravel/Conglomerate			
				180	210	Sandstone/Gravel/Conglomerate			
				245	255	Sandstone/Gravel/Conglomerate			
<hr/>									
Casing Perforations:				Top	Bottom				
				80	100				
				180	200				
				240	260				
				280	300				
<hr/>									

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New Mexico Office of the State Engineer

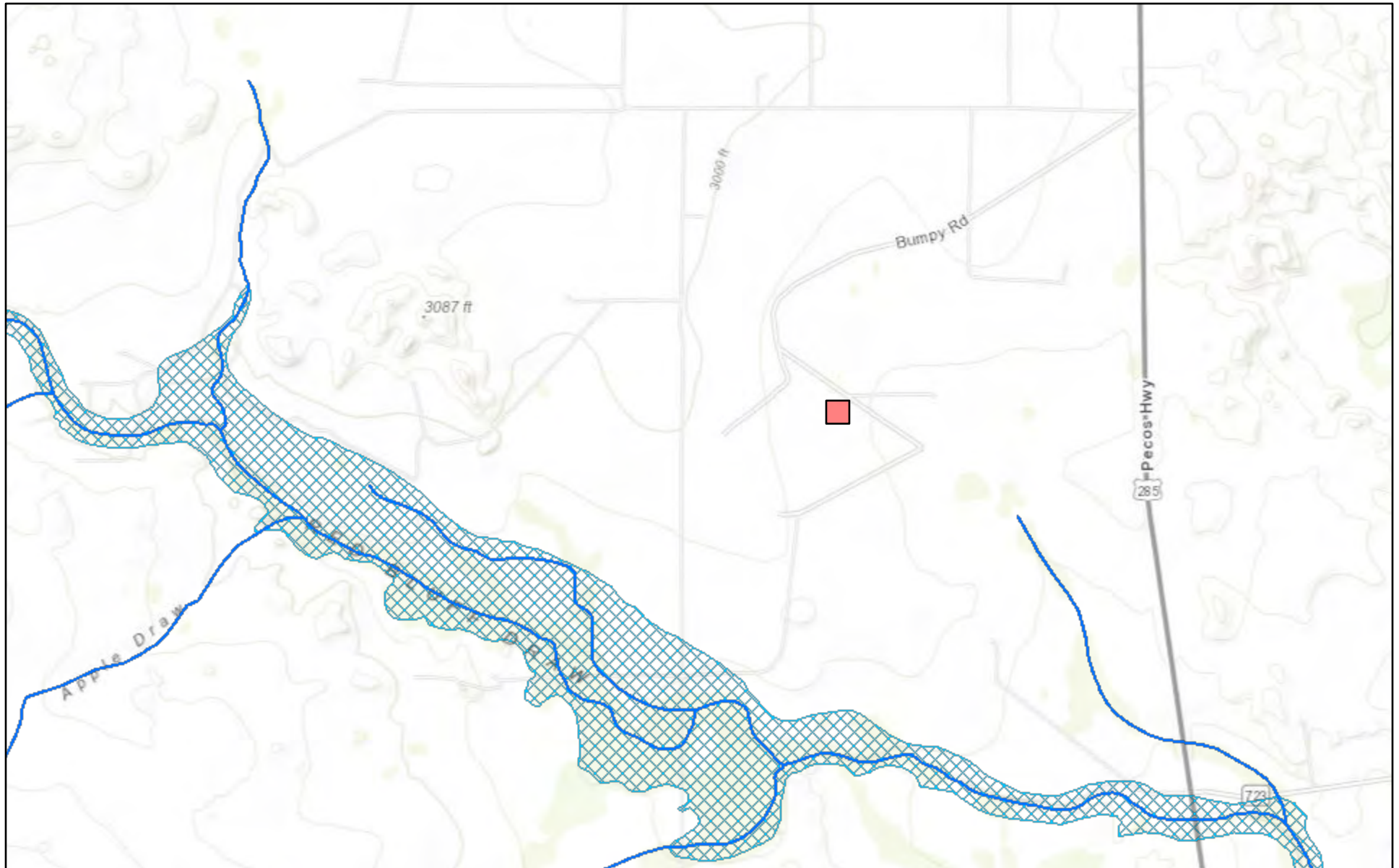
Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 01278	4	3	28	25S	28E		585470	3551338* 
<hr/>									
Driller License:		46	Driller Company:			ABBOTT BROTHERS COMPANY			
Driller Name:		ABBOTT, MUNELL							
Drill Start Date:		04/04/1965	Drill Finish Date:			04/08/1965		Plug Date:	
Log File Date:		05/27/1965	PCW Rev Date:			Source:			
Pump Type:		Pipe Discharge Size:			Estimated Yield:				
Casing Size:		Depth Well:			205 feet		Depth Water:		90 feet
<hr/>									
Water Bearing Stratifications:			Top	Bottom	Description				
			105	110	Sandstone/Gravel/Conglomerate				

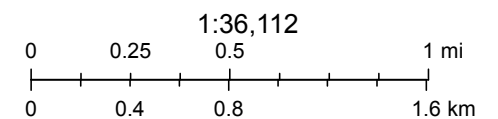
*UTM location was derived from PLSS - see Help

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New Mexico NFHL Data



May 8, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

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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

COMMENTS

Action 146431

COMMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 146431
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
csmith	returned to OCD Review. Discussed with Operator report includes two incidents # and was uploaded to each each incident.	2/7/2023

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CONDITIONS

Action 146431

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Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 146431
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved.	2/7/2023