State of New Mexico
Oil Conservation Division

Incident ID	
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: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 03/16/2023

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: Robert Hamlet Date: 7/27/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

CARMONA RESOURCES

SITE INFORMATION

Closure Report
Full Choke State Com 2H (04.19.22)
Incident #: NAPP2212530446
Eddy County, New Mexico
Unit M Sec 32 T24S R28E
32.167402°, -104.116523°

Crude Oil Release
Point of Release: Overrun oil tank
Release Date: 04/19/2022
Volume Released: 6 barrels of Crude Oil
Volume Recovered: 5 barrels of Crude Oil

CARMONA RESOURCES

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

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

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

CARMONA RESOURCES

TABLE OF CONTENTS

FIGURES

APPENDICES

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

CARMONA RESOURCES

March 14, 2022

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

Re: Closure Report
Full Choke State Com 2H (04.19.22)
Concho Operating, LLC
Incident ID NAPP2212530446
Site Location: Unit M, S32, T24S, R28E
(Lat 32.167402º, Long -104.116523º)
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 Full Choke State Com 2H (04.19.22). The site is located at 32.167402°, -104.116523° within Unit M, S32, T24S, 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 19, 2022, due to an overrun oil tank inside the secondary containment. It resulted in approximately six (6) barrels of crude oil and five (5) barrels of crude oil 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 0.79 miles South of the site in S05, T25S, R28E and was drilled in 1987. The well has a reported depth to groundwater of 14.93' feet below ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix C.

3.0 NMAC Regulatory Criteria

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

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

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

CARMONA RESOURCES

4.0 Liner Inspection Activities

On May 10, 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

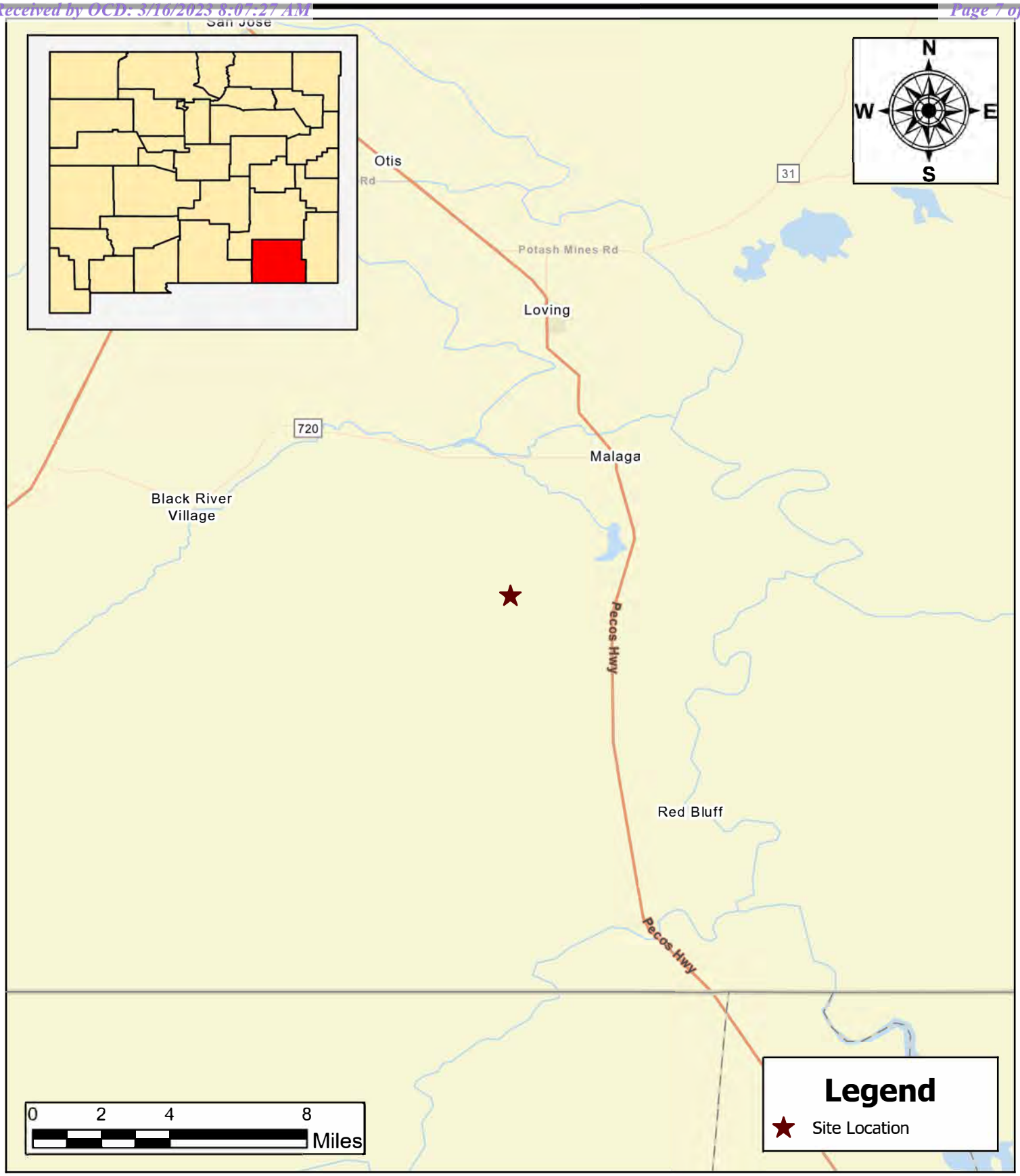
Mike Carmona
Environmental Manager

Clinton Merritt
Sr. Project Manager

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

FIGURES

CARMONA RESOURCES



SITE LOCATION MAP
COG OPERATING
FULL CHOKE STATE COM 2H (04.19.22)
EDDY COUNTY, NEW MEXICO
32.167402°, -104.116523°

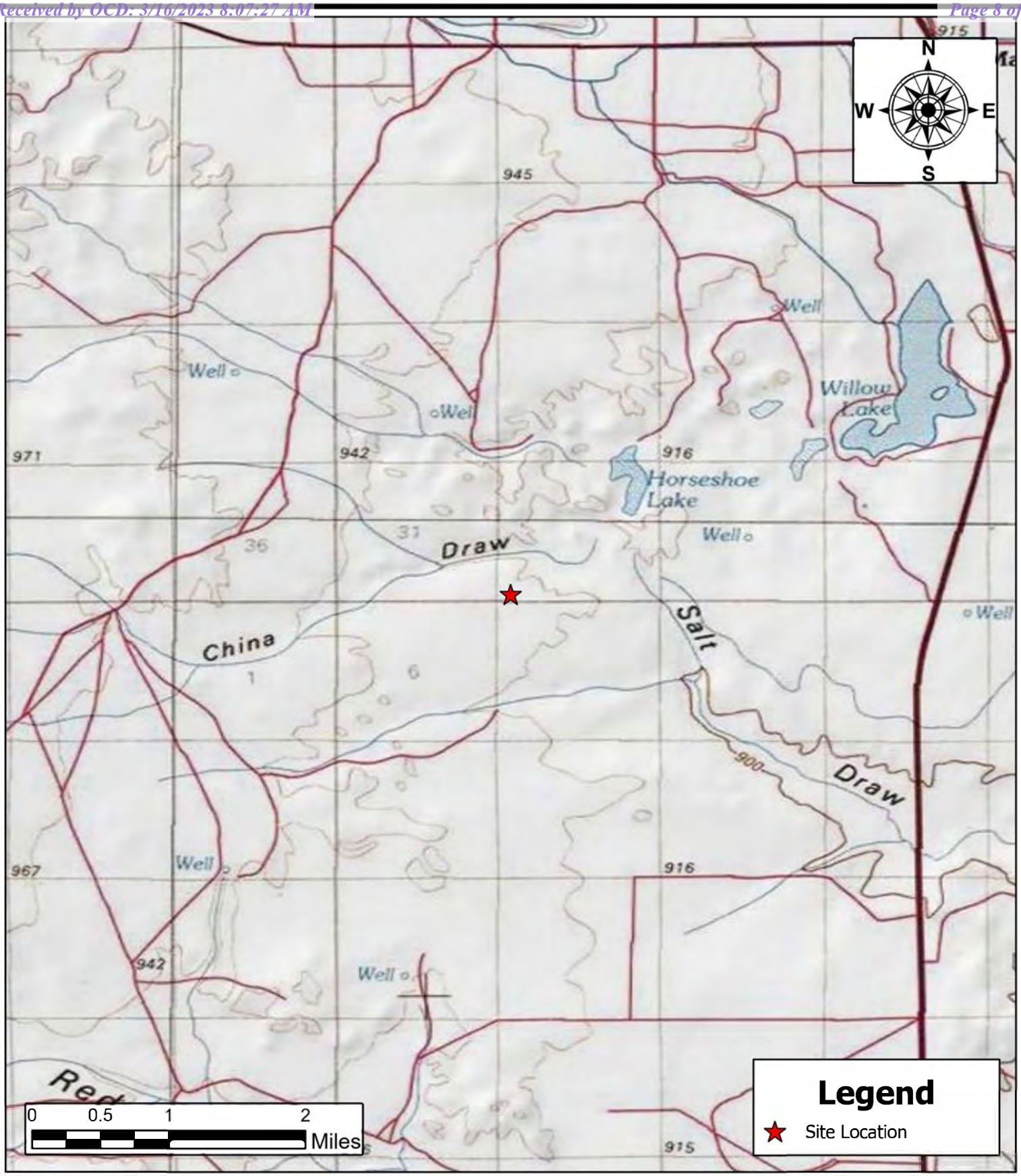
SCALE: As Shown | Date: 5/10/2022

CARMONA RESOURCES

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 1
SHEET NUMBER:
1 of 1



TOPOGRAPHIC MAP **COG OPERATING** FULL CHOKE STATE COM 2H (04.19.22) EDDY COUNTY, NEW MEXICO 32.167402°, -104.116523°	CARMONA RESOURCES **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 2**
SCALE: As Shown / Date: 5/10/2022			SHEET NUMBER: **1 of 1**

SECONDARY CONTAINMENT MAP
COG OPERATING
FULL CHOKE STATE COM 2H (04.19.22)
EDDY COUNTY, NEW MEXICO
32.167402°, -104.116523°

SCALE: As Shown | Date: 5/10/2022

CARMONA RESOURCES

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: Full Choke State Com 2H (04.19.22)

County: Eddy County, New Mexico

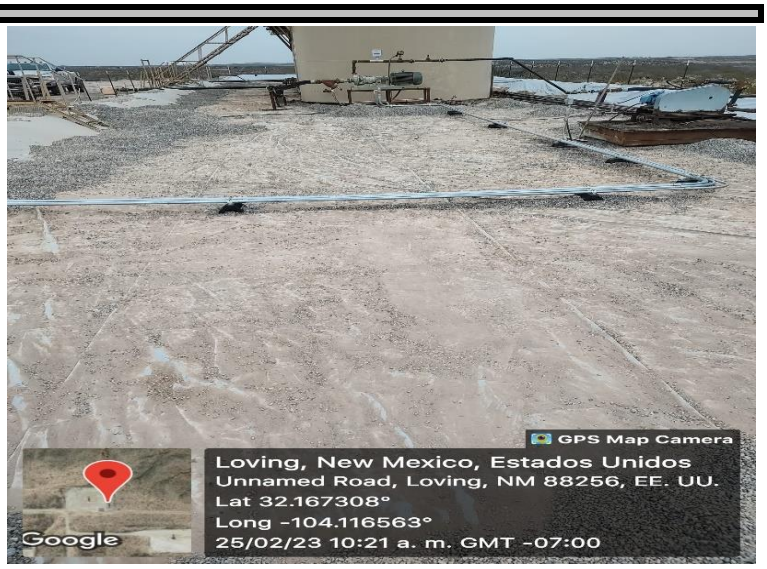
Description:
View North of lined facility.

Photograph No. 2

Facility: Full Choke State Com 2H (04.19.22)

County: Eddy County, New Mexico

Description:
View North of lined facility.



Photograph No. 3

Facility: Full Choke State Com 2H (04.19.22)

County: Eddy County, New Mexico

Description:
View South of lined facility.

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Full Choke State Com 2H (04.19.22)

County: Eddy County, New Mexico

Description:
View South of lined facility.

Photograph No. 5

Facility: Full Choke State Com 2H (04.19.22)

County: Eddy County, New Mexico

Description:
View Southeast of lined facility.

Photograph No. 6

Facility: Full Choke State Com 2H (04.19.22)

County: Eddy County, New Mexico

Description:
View East 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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ 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? ☐ Yes ☐ 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

☐ The source of the release has been stopped.
☐ The impacted area has been secured to protect human health and the environment.
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 05/05/2022

NAPP2212530446

L48 Spill Volume Estimate Form

Facility Name & Number:	Full Choke St. Com 2H
Asset Area:	DBWN
Release Discovery Date & Time:	4.19.22
Release Type:	Oil
Provide any known details about the event:	

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.)	Percentage of Oil if Spilled Fluid is a Mixture	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	40.0	20.0	1.00	2	800.000	0.042	5.933	0.002	5.946			
Rectangle B					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
Rectangle C					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!			
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:	5.946			

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

CONDITIONS

Action 104304

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 104304
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	5/5/2022

State of New Mexico
Oil Conservation Division

Incident ID	
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?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ 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)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ 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?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
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: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 03/16/2023

State of New Mexico
Oil Conservation Division

Incident ID	
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: Jacqui Harris Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 03/16/2023

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 10:54 AM
To: OCD.Enviro@state.nm.us
Cc: Harris, Jacqui; Conner Moehring
Subject: COG Full Choke St Com #4H (04.19.22) 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 Full Choke St Com #4H (04.19.22)
32.167383°, -104.116708°
Eddy County, New Mexico

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

CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES

Nearest Water Well

COG Operating

64.46' - Drilled 1998

774

Full Choke State Com 2H (04.19.22)

14.93' - Drilled 1987

44.19' - Drilled 2013

Legend

- 0.50 Miles
- 0.79 Miles
- 1.33 Miles
- 1.61 Miles
- Full Choke State Com 2H (04.19.22)
- USGS Water Well

N

1 mi

Google Earth

Medium Karst

COG Operating

Mexican Lake

Horseshoe Lake

China Draw

Full Choke State Com 2H (04.19.22)

Legend

- Full Choke State Com 2H (04.19.22)
- High
- Medium

N

2000 ft

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 00232		CUB	ED	1	3	2	07	24S	28E	582362	3566826*	160		
C 00329		C	ED	2	1	2	13	24S	28E	590682	3565677*	95	30	65
C 00346		C	ED		2	2	15	24S	28E	587715	3565591*	90	32	58
C 00353	C	CUB	ED		3	4	13	24S	28E	590603	3564367*	2726		
C 00354	C	CUB	ED		4	4	13	24S	28E	591005	3564367*	2739		
C 00361	C	CUB	ED		3	3	08	24S	28E	583283	3565926*	2575		
C 00365		CUB	ED	2	4	1	17	24S	28E	583791	3565226*	238	26	212
C 00406		C	ED		1	1	08	24S	28E	583270	3567142*	78	50	28
C 00464		CUB	ED	2	2	1	13	24S	28E	590277	3565674*	111	28	83
C 00488		C	ED	2	1	2	15	24S	28E	587412	3565688*	64	8	56
C 00511		C	ED		2	3	02	24S	28E	588518	3568001*	268	140	128
C 00513		CUB	ED	2	2	2	20	24S	28E	584605	3564020	212	48	164
C 00513 S		CUB	ED	1	3	3	16	24S	28E	584801	3564431	161	42	119
C 00570		CUB	ED		1	1	10	24S	28E	586490	3567195*	100	28	72
C 00573		CUB	ED	2	2	4	04	24S	28E	586188	3568087*	250	35	215
C 00574		CUB	ED	2	4	4	11	24S	28E	589452	3566081*	200	20	180
C 00618		C	ED	3	4	4	12	24S	28E	590880	3565885*	80	40	40
C 00648		C	ED	2	2	2	17	24S	28E	584593	3565644*	96	58	38
C 00684		CUB	ED	2	1	2	13	24S	28E	590682	3565677*	95	40	55
C 00709		C	ED	3	3	3	16	24S	28E	584802	3564232*			
C 00738		CUB	ED	3	1	1	13	24S	28E	589673	3565472*	125	12	113
C 00750		CUB	ED	1	2	4	13	24S	28E	590898	3564871*	110		
C 00764		CUB	ED	3	1	3	10	24S	28E	586399	3566292*	118	25	93
C 00890		CUB	ED	3	3	4	10	24S	28E	587211	3565897*	50		
C 00903		C	ED		2	1	13	24S	28E	590178	3565575*	57	30	27
C 00962		C	ED		3	3	10	24S	28E	586505	3565992*	63	9	54

***UTM location was derived from PLSS - see Help**

(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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00983	C	ED	4	4	4	12	24S	28E	591080	3565885*	92	40	52
C 01082	CUB	ED	3	3	2	11	24S	28E	588832	3566693*	120		
C 01154	C	ED	2	1	2	13	24S	28E	590682	3565677*	95	50	45
C 01237	C	ED	1	1	2	10	24S	28E	587197	3567298*	123		
C 01244	C	ED		4	4	06	24S	28E	582860	3567543*	109	70	39
C 01442	C	ED		1	2	10	24S	28E	587298	3567199*	100		
C 01731	C	ED		4	2	05	24S	28E	584483	3568367*	80	30	50
C 01747	CUB	ED				12	24S	28E	590367	3566577*	176	139	37
C 02057	C	ED		1	4	14	24S	28E	588956	3564774*	126	52	74
C 02184	C	ED	2	4	3	01	24S	28E	590248	3567700*	87	60	27
C 02186	C	ED			2	02	24S	28E	589128	3568606*	100	55	45
C 02198	C	ED			1	01	24S	28E	589940	3568611*	78		
C 02244	C	LE	3	1	2	22	24S	28E	587224	3563865*	260		
C 02306	C	ED		3	2	04	24S	28E	585690	3568382*	75	25	50
C 02524 POD2	C	ED	2	2	2	15	24S	28E	587814	3565690*	90	11	79
C 02836	C	ED	2	2	2	16	24S	28E	586203	3565676*		15	
C 03132	C	ED	1	2	4	15	24S	28E	587616	3564877*	90	19	71
C 03358 POD1	CUB	ED	1	4	1	26	24S	28E	588416	3562116	135		
C 03423	CUB	ED	2	4	1	26	24S	28E	588786	3561952	126		
C 03604 POD1	CUB	ED	2	4	3	10	24S	28E	526534	3565712	38	24	14
C 03703 POD1	C	ED	1	2	1	09	24S	28E	585259	3567225	74	15	59
C 03824 POD1	CUB	ED	4	1	2	16	24S	28E	585770	3565578	290	60	230
C 03833 POD1	C	ED	2	1	2	26	24S	28E	589014	3562545	96	55	41
C 03862 POD1	CUB	ED	3	3	3	01	24S	28E	589672	3567505	17	10	7
C 03862 POD2	CUB	ED	3	3	3	01	24S	28E	589665	3567507	30	10	20
C 03862 POD3	CUB	ED	3	3	3	01	24S	28E	589685	3567500	60	10	50
C 03862 POD4	CUB	ED	3	3	3	01	24S	28E	589705	3567490	30	10	20
C 03862 POD5	CUB	ED	4	3	3	01	24S	28E	589785	3567458	17	10	7
C 03986 POD1	CUB	ED	3	4	2	22	24S	28E	587505	3563502	170	120	50

***UTM location was derived from PLSS - see Help**

(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-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03988 POD1	CUB	ED	4	4	4	28	24S	28E	586303	3561087	110	95	15
C 03989 POD1	CUB	ED	4	2	2	33	24S	28E	586342	3560573	100	70	30
C 04025 POD1	CUB	ED	4	3	3	27	24S	28E	586700	3560964	190	90	100
C 04026 POD1	CUB	ED	3	2	1	25	24S	28E	590148	3562290	190	90	100
C 04151 POD1	CUB	ED	4	2	1	26	24S	28E	588584	3562192	280	65	215
C 04180 POD1	CUB	ED	2	1	2	26	24S	28E	589055	3562502	160	58	102
C 04181 POD1	CUB	ED	3	2	1	26	24S	28E	588450	3562146	280	56	224
C 04181 POD2	C	ED	3	2	1	26	24S	28E	588393	3562212	80	56	24
C 04222 POD1	CUB	ED	1	3	3	27	24S	28E	586406	3561228	140	35	105
C 04222 POD2	CUB	ED	1	2	4	22	24S	28E	587707	3563255	100	40	60
C 04263 POD1	CUB	ED	3	1	1	23	24S	28E	588026	3563915	390	370	20
C 04294 POD1	CUB	ED	4	3	3	23	24S	28E	588169	3562646	60		
C 04337 POD1	CUB	ED	4	1	4	03	24S	28E	587317	3567907	60		
C 04382 POD1	CUB	ED	2	1	2	15	24S	28E	587401	3565647	48	35	13
C 04383 POD1	CUB	ED	4	1	2	15	24S	28E	587389	3565499	34	19	15
C 04501 POD1	CUB	ED	3	4	1	29	24S	28E	583580	3561778	80		

Average Depth to Water: **49 feet**

Minimum Depth: **8 feet**

Maximum Depth: **370 feet**

Record Count: 71

PLSS Search:

Township: 24S **Range:** 28E

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Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320920104065801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320920104065801 25S.28E.05.33111

Eddy County, New Mexico
Latitude 32°09'20", Longitude 104°06'58" NAD27
Land-surface elevation 3,012 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) 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
1978-01-11		D	62610		2955.96	NGVD29	1	Z		
1978-01-11		D	62611		2957.56	NAVD88	1	Z		
1978-01-11		D	72019	54.44			1	Z		
1983-02-02		D	62610		2954.77	NGVD29	1	Z		
1983-02-02		D	62611		2956.37	NAVD88	1	Z		
1983-02-02		D	72019	55.63			1	Z		
1987-10-09		D	62610		2995.47	NGVD29	1	Z		
1987-10-09		D	62611		2997.07	NAVD88	1	Z		
1987-10-09		D	72019	14.93			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

Section	Code	Description
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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Accessibility FOIA Privacy Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-05-08 20:27:41 EDT
0.27 0.24 nadww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: New Mexico | GO

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 320901104075601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 320901104075601 25S.28E.07.11143

Eddy County, New Mexico
Latitude 32°08'59.3", Longitude 104°08'03.0" NAD83
Land-surface elevation 3,042.00 feet above NGVD29
The depth of the well is 133 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) 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
1978-01-11		D	62610		2967.42	NGVD29	1	Z		
1978-01-11		D	62611		2969.04	NAVD88	1	Z		
1978-01-11		D	72019	74.58			1	Z		
1983-02-02		D	62610		2993.78	NGVD29	1	Z		
1983-02-02		D	62611		2995.40	NAVD88	1	Z		
1983-02-02		D	72019	48.22			1	Z		
1987-10-09		D	62610		2968.86	NGVD29	1	Z		
1987-10-09		D	62611		2970.48	NAVD88	1	Z		
1987-10-09		D	72019	73.14			1	Z		
1988-04-07		D	62610		2974.04	NGVD29	1	Z		
1988-04-07		D	62611		2975.66	NAVD88	1	Z		
1988-04-07		D	72019	67.96			1	Z		
1992-12-08		D	62610		2967.70	NGVD29	1	S		
1992-12-08		D	62611		2969.32	NAVD88	1	S		
1992-12-08		D	72019	74.30			1	S		
1998-01-27		D	62610		2996.95	NGVD29	1	S		
1998-01-27		D	62611		2998.57	NAVD88	1	S		
1998-01-27		D	72019	45.05			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	? Method of measurement	? Measuring agency	? Source of measurement
2003-02-10		D	62610		2995.70	NGVD29	1	S	USGS	
2003-02-10		D	62611		2997.32	NAVD88	1	S	USGS	
2003-02-10		D	72019	46.30			1	S	USGS	
2013-01-10	00:30 UTC	m	62610		2997.81	NGVD29	1	S	USGS	
2013-01-10	00:30 UTC	m	62611		2999.43	NAVD88	1	S	USGS	
2013-01-10	00:30 UTC	m	72019	44.19			1	S	USGS	
2018-02-14	19:55 UTC	m	62610			NGVD29	O	V	USGS	
2018-02-14	19:55 UTC	m	62611			NAVD88	O	V	USGS	
2018-02-14	19:55 UTC	m	72019				O	V	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
Status	O	Obstructed
Method of measurement	S	Steel-tape measurement.
Method of measurement	V	Calibrated electric-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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National Water Information System: Web Interface

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Data Category: Groundwater | Geographic Area: New Mexico | GO

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Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321110104071701

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321110104071701 24S.28E.30.413242

Eddy County, New Mexico
Latitude 32°11'10", Longitude 104°07'17" NAD27
Land-surface elevation 3,055 feet above NAVD88
The depth of the well is 201 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

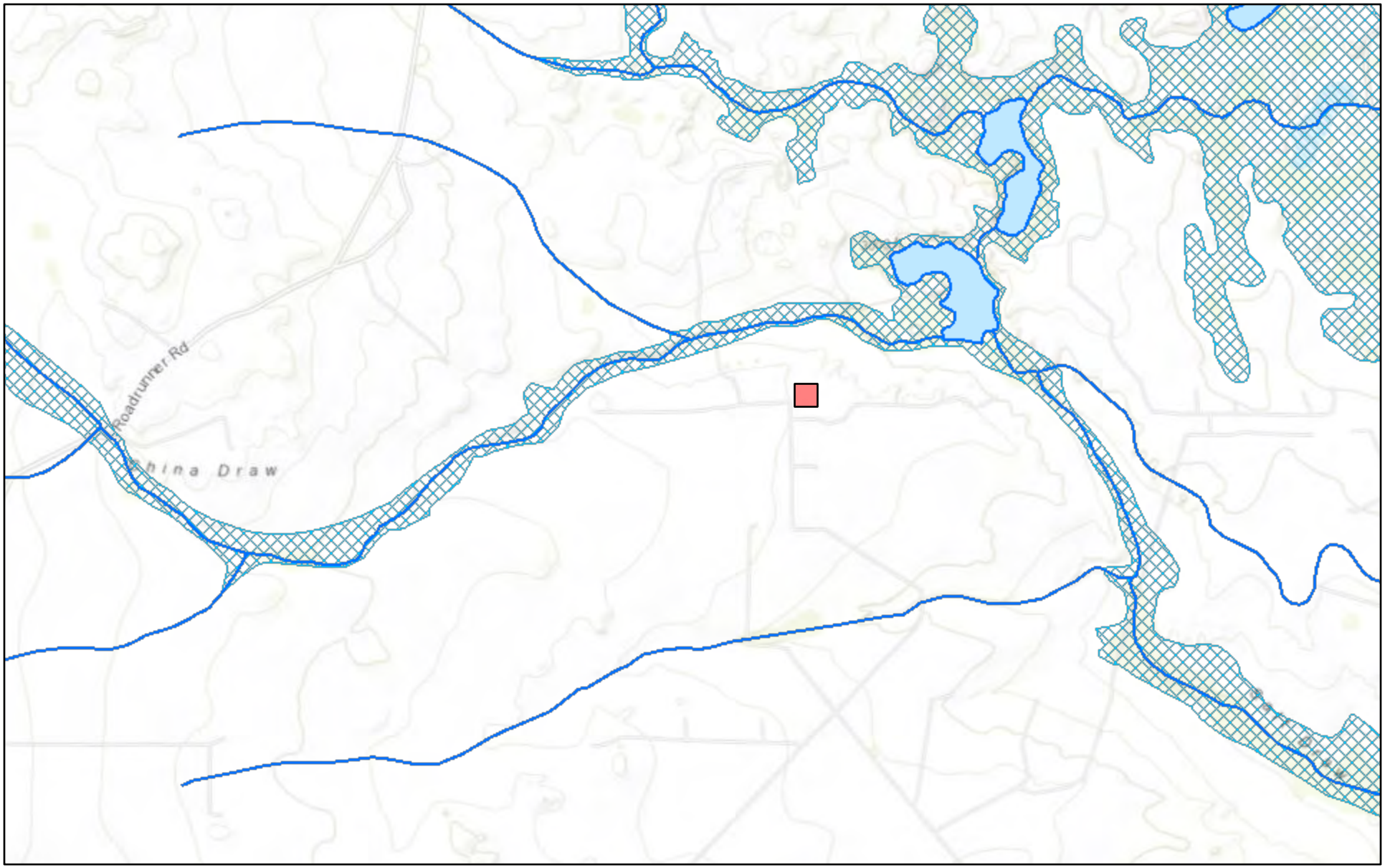
Table of data
Tab-separated data
Graph of data
Reselect period

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
1983-01-31		D	62610		2989.68	NGVD29	1	Z		
1983-01-31		D	62611		2991.29	NAVD88	1	Z		
1983-01-31		D	72019	63.71			1	Z		
1988-02-10		D	62610		2991.52	NGVD29	1	Z		
1988-02-10		D	62611		2993.13	NAVD88	1	Z		
1988-02-10		D	72019	61.87			1	Z		
1992-11-04		D	62610		2990.33	NGVD29	1	S		
1992-11-04		D	62611		2991.94	NAVD88	1	S		
1992-11-04		D	72019	63.06			1	S		
1998-01-23		D	62610		2988.93	NGVD29	1	S		
1998-01-23		D	62611		2990.54	NAVD88	1	S		
1998-01-23		D	72019	64.46			1	S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

New Mexico NFHL Data



May 8, 2022

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

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Section	Code	Description
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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URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
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0.28 0.25 nadww02

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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

CONDITIONS

Action 197791

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 197791
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2212530446 FULL CHOKE STATE COM 002H, thank you. This closure is approved.	7/27/2023