



SITE INFORMATION

Closure Report
Littlefield Federal 33N CTB (03.10.2023)
Incident #: NAPP2308233918
Eddy County, New Mexico
Unit F Sec 33 T26S R29E
32.0017°, -103.9898°

Produced Water Release
Point of Release: Pinhole on a 6" inlet line due to corrosion
Release Date: 03/10/2023
Volume Released: 16.98 barrels of Produced Water
Volume Recovered: 15 barrels of Produced Water

CARMONA RESOURCES



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

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

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April 6, 2023

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

**Re: Closure Report
Littlefield Federal 33N CTB (03.10.2023)
Concho Operating, LLC
Incident ID NAPP2308233918
Site Location: Unit F, S33, T26S, R29E
(Lat 32.0017°, Long -103.9898°)
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 Really Scary Federal 005H (2.2.23). The site is located at 32.0017°, -103.9898° within Unit F, S33, T26S, R29E, 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 March 10, 2023, caused by a pinhole on a 6" inlet line due to corrosion. It resulted in approximately sixteen point ninety-eight (16.98) barrels of crude oil and fifteen (15) barrels of produced water 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 source within a 0.50-mile radius of the location. The closest well is located approximately 1.68 miles Northeast of the site in S22, T26S, R29E and was drilled in 1958. The well has a reported depth to groundwater of 68.74' feet below ground surface (ft bgs). A copy of the associated point of diversion is attached in Appendix C.

3.0 Site Characterization and Groundwater

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

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

4.0 Liner Inspection Activities

Before performing the liner inspection, the NMOCD division office was notified via email on March 31, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix B. On April 4, 2023, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility and determined that the liner was 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 get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

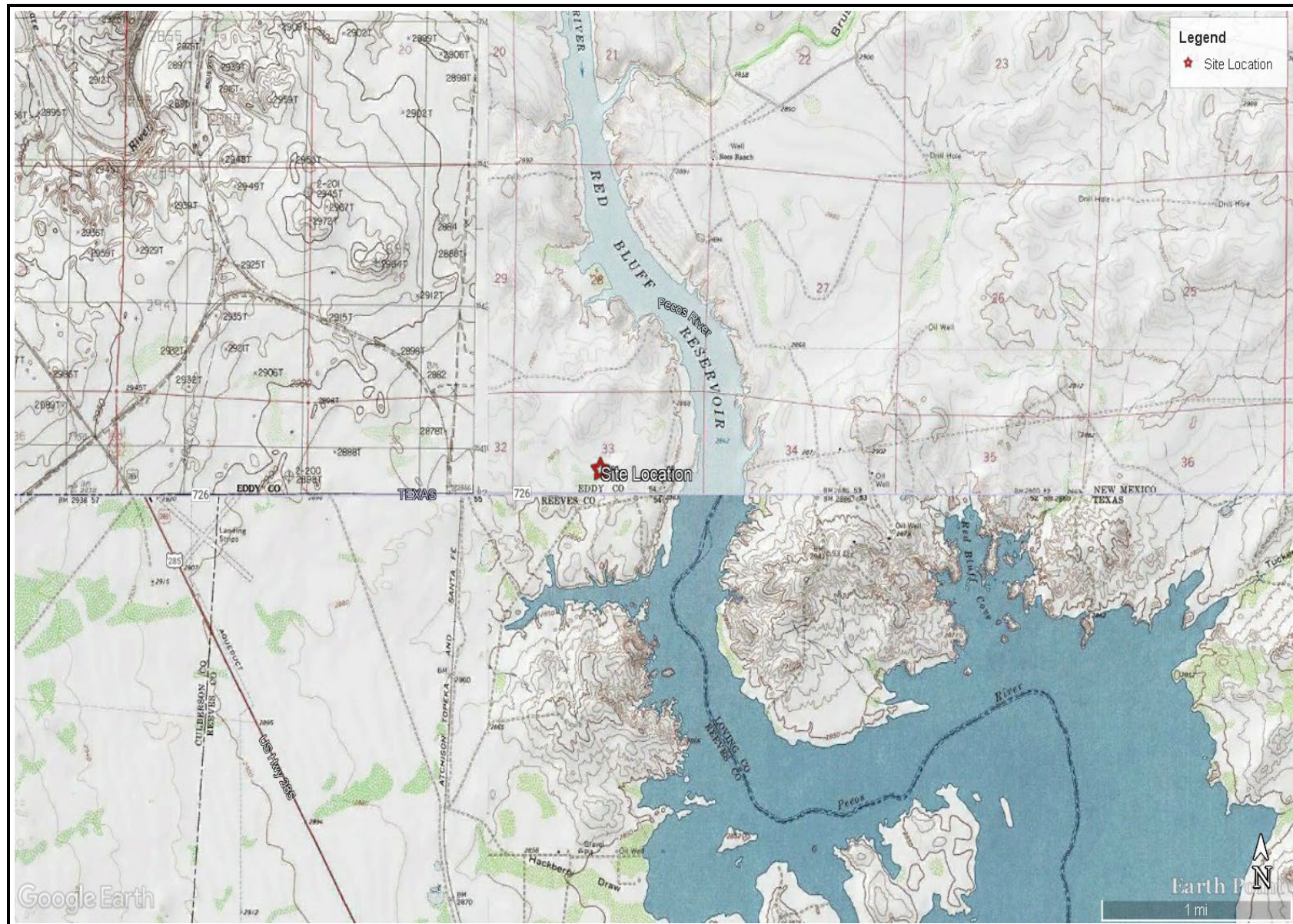




OVERVIEW MAP
COG OPERATING, LLC
LITTLEFIELD FEDERAL 33N CTB (03.10.2023)
EDDY COUNTY, NEW MEXICO
32.0017°, -103.9898°



FIGURE 1



TOPOGRAPHIC MAP
COG OPERATING, LLC
LITTLEFIELD FEDERAL 33N CTB (03.10.2023)
EDDY COUNTY, NEW MEXICO
32.0017°, -103.9898°



FIGURE 2



SECONDARY CONTAINMENT MAP
COG OPERATING, LLC
LITTLEFIELD FEDERAL 33N CTB (03.10.2023)
EDDY COUNTY, NEW MEXICO
32.0017°, -103.9898°



FIGURE 3

APPENDIX A

CARMONA RESOURCES



PHOTOGRAPHIC LOG

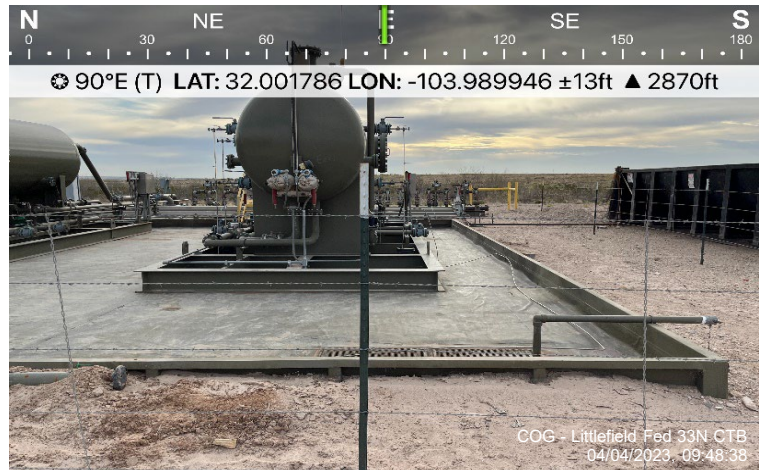
Concho Operating, LLC

Photograph No. 1

Facility: Littlefield Federal 33N CTB
(03.10.2023)

County: Eddy County, New Mexico

Description:
View East of lined facility.

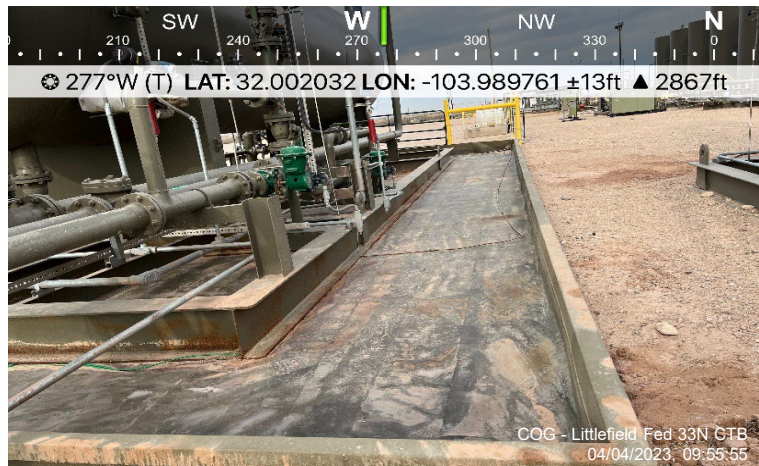


Photograph No. 2

Facility: Littlefield Federal 33N CTB
(03.10.2023)

County: Eddy County, New Mexico

Description:
View West of lined facility.

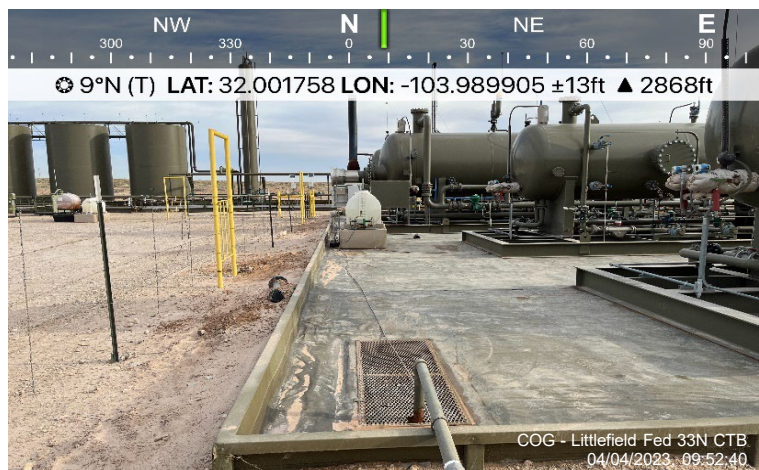


Photograph No. 3

Facility: Littlefield Federal 33N CTB
(03.10.2023)

County: Eddy County, New Mexico

Description:
View North of lined facility.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Littlefield Federal 33N CTB
(03.10.2023)

County: Eddy County, New Mexico

Description:
View North of lined facility.



Photograph No. 5

Facility: Littlefield Federal 33N CTB
(03.10.2023)

County: Eddy County, New Mexico

Description:
View South of lined facility.



Photograph No. 6

Facility: Littlefield Federal 33N CTB
(03.10.2023)

County: Eddy County, New Mexico

Description:
View South 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

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></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>03/23/2023</u>

Spill Calculation - On-Pad Surface Pool Spill

Received by NAPP2308233918 8/19/2023 9:55:13 AM Page 15 of 34

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated volume of Spill (bbl.)
Rectangle A	40	11	1.0	440.00	6.53	0.00	6.55
Rectangle B	40	8	1.0	320.00	4.75	0.00	4.77
Rectangle C	40	11	1.0	440.00	6.53	0.00	6.55
Rectangle D				0.00	0.00	0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00
Rectangle J				0.00	0.00	0.00	0.00

Released to Imaging: 8/21/2023 2:23:37 PM

Total Volume Release, Soil not impacted:

16.9805

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 200106

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 200106
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	3/23/2023

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?	<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

Page 4

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: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/13/2023

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: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 04/13/2023

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: Shelly Wells Date: 8/21/2023

Printed Name: Shelly Wells Title: Environmental Specialist-Advanced

From: Conner Moehring
Sent: Friday, March 31, 2023 9:44 AM
To: OCD.Enviro@emnrd.nm.gov <OCD.Enviro@emnrd.nm.gov>
Cc: Jacqui.Harris@conocophillips.com; Mike Carmona
Subject: COG – Littlefield Federal 33N CTB (3.10.23) - Liner Inspection Notification

Good Morning,

On behalf of COG, Carmona Resources will conduct a liner inspection at the below-referenced site on 4/4/23 around 9:40 a.m. Mountain Time. Please let me know if you have any questions.

COG – Littlefield Federal 33N CTB (3.10.23)
NAPP2308233918
Eddy County, New Mexico
32.0017, -103.9898
Unit F, S33, T26S, R29E

Conner R. Moehring
310 West Wall Street, Suite 500
Midland Texas, 79701
M: 432-813-6823
Cmoehring@carmonaresources.com

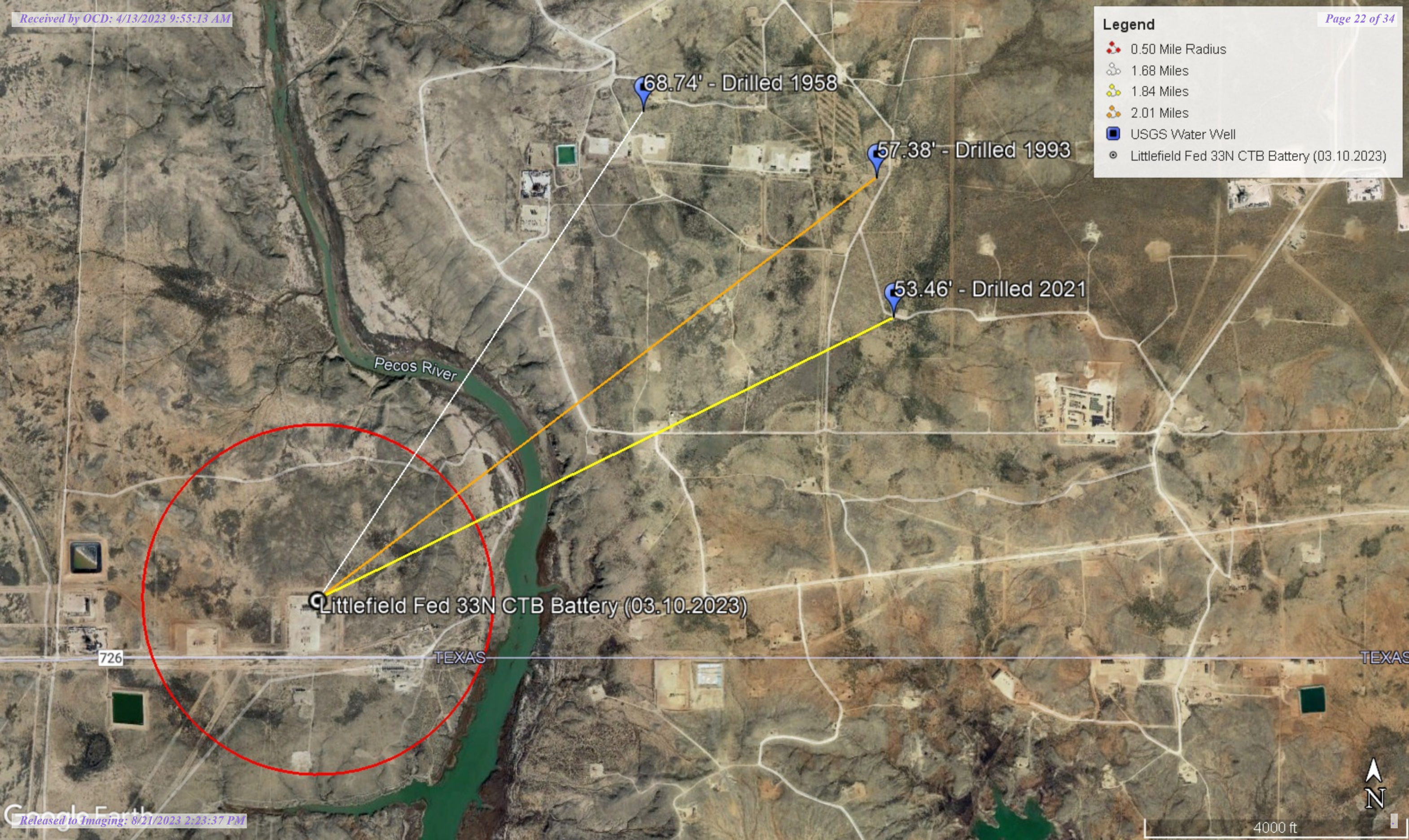
CARMONA RESOURCES



APPENDIX C

CARMONA RESOURCES





Legend

- 0.50 Mile Radius
- 1.68 Miles
- 1.84 Miles
- 2.01 Miles
- USGS Water Well
- Littlefield Fed 33N CTB Battery (03.10.2023)

Medium Karst

COG Operating

Legend

- Littlefield Fed 33N CTB Battery (03.10.2023)
- Medium

Littlefield Fed 33N CTB Battery (03.10.2023)



5000 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	Distance	Depth Well	Depth Water	Water Column
C 03605 POD1	CUB	ED		4	2	3	27	26S	29E	596990	3541983	1769	45	0	45
C 04630 POD1	CUB	ED		3	4	3	22	26S	29E	596792	3543275	2517			
C 04653 POD6	CUB	ED		4	4	4	22	26S	29E	597782	3543171	3099	74	67	7
C 04653 POD5	CUB	ED		4	4	4	22	26S	29E	597784	3543186	3110	72	67	5
C 02038	C	ED		3	2	4	26	26S	29E	599204	3541992*	3872	200		
C 01354 X-3	CUB	ED		2	1	3	23	26S	29E	598323	3543837	3945	170		

Average Depth to Water: **44 feet**

Minimum Depth: **0 feet**

Maximum Depth: **67 feet**

Record Count: 6

UTM NAD83 Radius Search (in meters):

Easting (X): 595421

Northing (Y): 3541164

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.

3/22/23 8:54 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
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National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

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- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

! Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320126103562801

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

USGS 320126103562801 26S.29E.22.340

Eddy County, New Mexico
Latitude 32°01'22", Longitude 103°58'26" NAD27
Land-surface elevation 2,888 feet above NGVD29
The depth of the well is 80 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	? Water level approval status
1958-08-18			D 62610		2819.26	NGVD29	1		Z		
1958-08-18			D 62611		2820.78	NAVD88	1		Z		
1958-08-18			D 72019	68.74			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.

[Questions about sites/data?](#)
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[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: 2023-04-01 17:18:03 EDT

0.29 0.25 nadww01






USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

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- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320106103555301

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 320106103555301 26S.29E.26.13143

Eddy County, New Mexico

Latitude 32°00'51.3", Longitude 103°57'42.0" NAD83

Land-surface elevation 2,883.00 feet above NGVD29

The depth of the well is 140 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 measur
1983-01-26			D 62610		2828.70	NGVD29	1		Z	
1983-01-26			D 62611		2830.22	NAVD88	1		Z	
1983-01-26			D 72019	54.30			1		Z	
1987-10-14			D 62610		2847.71	NGVD29	1		Z	
1987-10-14			D 62611		2849.23	NAVD88	1		Z	
1987-10-14			D 72019	35.29			1		Z	
1992-11-04			D 62610		2838.94	NGVD29	1		S	
1992-11-04			D 62611		2840.46	NAVD88	1		S	
1992-11-04			D 72019	44.06			1		S	
1998-01-28			D 62610		2829.99	NGVD29	1		S	
1998-01-28			D 62611		2831.51	NAVD88	1		S	
1998-01-28			D 72019	53.01			1		S	
2003-01-27			D 62610		2827.07	NGVD29	1		S	USGS
2003-01-27			D 62611		2828.59	NAVD88	1		S	USGS

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
2003-01-27			D	72019	55.93		1		S	USGS
2013-01-09	19:00 UTC	m	62610		2825.19	NGVD29	1		S	USGS
2013-01-09	19:00 UTC	m	62611		2826.71	NAVD88	1		S	USGS
2013-01-09	19:00 UTC	m	72019	57.81			1		S	USGS
2021-02-24	21:10 UTC	m	62610		2829.54	NGVD29	1		S	USGS
2021-02-24	21:10 UTC	m	62611		2831.06	NAVD88	1		S	USGS
2021-02-24	21:10 UTC	m	72019	53.46			1		S	USGS

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

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



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Page Last Modified: 2023-03-22 22:56:57 EDT

0.28 0.24 nadww01



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National Water Information System: Web Interface


USGS Water Resources

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320112103574501

Minimum number of levels = 1
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USGS 320112103574501 26S.29E.22.333242

Eddy County, New Mexico
Latitude 32°01'12", Longitude 103°57'45" NAD27
Land-surface elevation 2,892.0 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
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Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1993-01-05	21:45 UTC	m	62610		2834.62	NGVD29	1		S	
1993-01-05	21:45 UTC	m	62611		2836.14	NAVD88	1		S	
1993-01-05	21:45 UTC	m	72019	57.38			1		S	

Explanation

Section	Code	Description
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.

Section	Code	Description
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

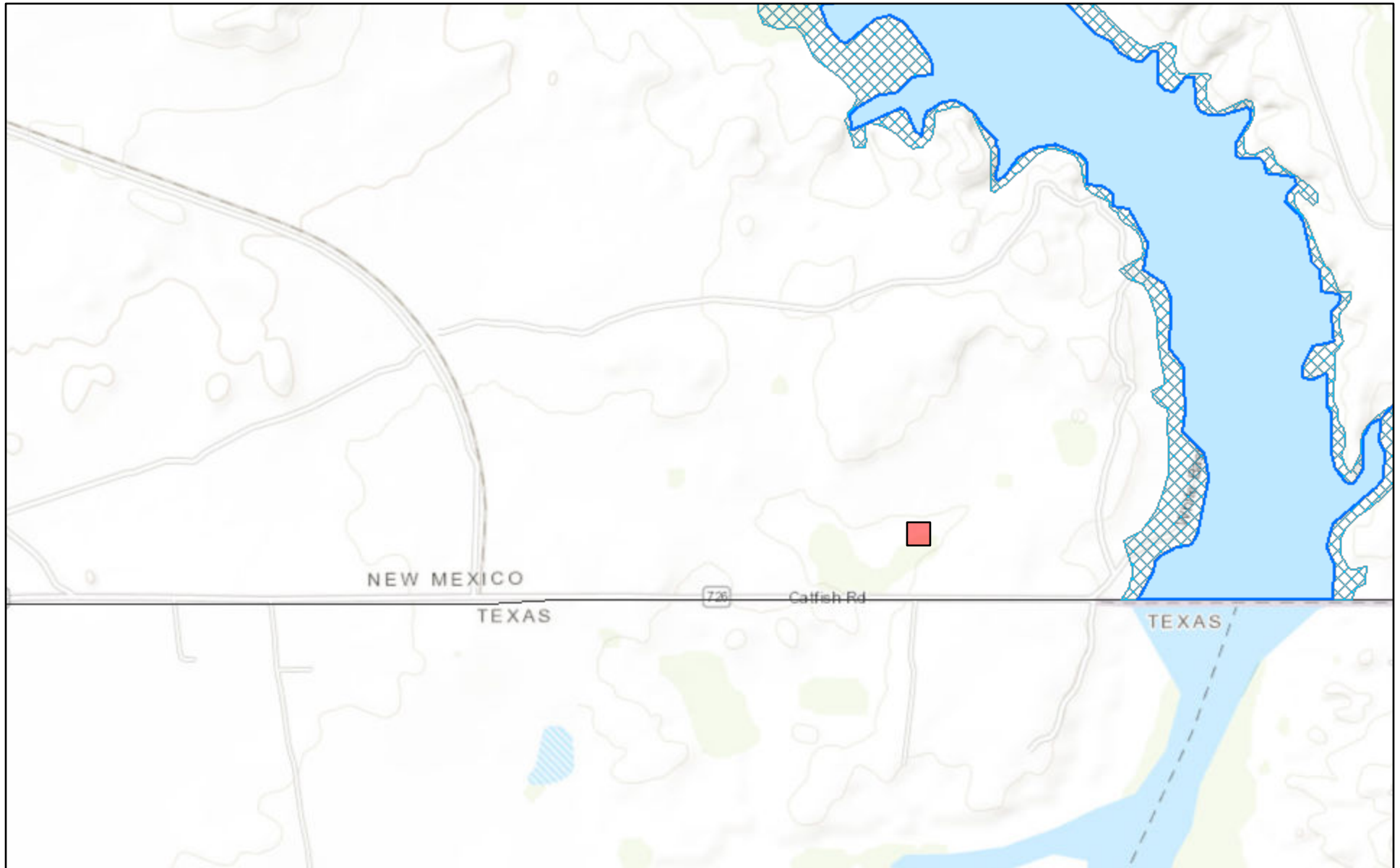
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Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

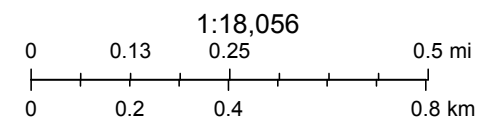


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Page Last Modified: 2023-03-22 22:58:18 EDT
0.27 0.24 nadww01

New Mexico NFHL Data



March 22, 2023



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

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From: [Mike Carmona](#)
To: [Wells, Shelly, EMNRD](#)
Subject: [EXTERNAL] RE: NAPP2308233918
Date: Monday, August 21, 2023 11:49:39 AM
Attachments: [5BD0C49E29464298B843FAB9984F6952\[177062462\].png](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Shelly,

To clarify no crude oil was released and was only produced water. The C-141 is correct.

Mike J. Carmona
310 West Wall Street, Suite 500
Midland TX, 79701
M: 432-813-1992
Mcarmona@carmonaresources.com

CARMONA RESOURCES



From: [Wells, Shelly, EMNRD](#)
Sent: Monday, August 21, 2023 12:12 PM
To: [Mike Carmona](#)
Subject: NAPP2308233918

Hi Mike,

I am working on closing out some incidents and I need to ask a question for clarification regarding the incident **NAPP2308233918**. In the initial C-141 it says it was just a produced water release—that 16.98 bbl of produced water was released and 15 bbl were recovered with a vacuum truck. However, in the closure report on page 3 it says “It resulted in approximately sixteen point ninety-eight (16.98) barrels of **crude oil** and fifteen (15) barrels of produced water recovered.” Crude oil is not mentioned anywhere else in the report. Please explain. A response via email should be sufficient.

Thank you,

Shelly

[Shelly Wells](#) * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
(505)469-7520 | Shelly.Wells@emnrn.nm.gov

<http://www.emnrd.state.nm.us/OCD/>

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District IV
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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 207385

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 207385
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/21/2023