



SITE INFORMATION

Closure Report
SRO State Com 048H (05.09.2023)
Eddy County, New Mexico
Unit B Sec 7 T26S R28E
32.0637°, -104.1252°

Produced Water Release
Point of Release: Pinhole Leak
Release Date: 05.09.2023
Volume Released: 7.9872 Barrels of Produced Water
Volume Recovered: 6 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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 LINER INSPECTION ACTIVITIES

5.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SECONDARY CONTAINMENT MAP

APPENDICES

APPENDIX A PHOTOS

APPENDIX B INITIAL AND FINAL C-141/NMOCD CORRESPONDENCE

APPENDIX C SITE CHARACTERIZATION AND GROUNDWATER

October 23, 2023

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

Re: Closure Report
SRO State Com 048H (05.09.2023)
Concho Operating, LLC
Incident ID NAPP2314537018
Site Location: Unit B, S7, T26S, R28E
(Lat 32.0637°, Long -104.1252°)
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 SRO State Com 048H (05.09.2023). The site is located at 32.0637°, -104.1252° within Unit B, S7, T26S, 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 May 9, 2023, caused by a pinhole leak due to corrosion. It resulted in approximately seven point nine eight seven two (7.9872) barrels of produced water to be released and approximately six (6) barrels of produced water recovered. The remaining one point nine eight seven two (1.9872) barrels of produced water were removed when the pea gravel was removed and replaced during the facility clean-up. See Figure 3. The initial C-141 form is attached in Appendix B.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The closest well is located approximately 2.05 miles Southeast of the site in S18 T26S R28E and was drilled in 1998. The well has a reported depth to groundwater of 16.35 feet below the 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 October 6, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix B. On October 11, 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

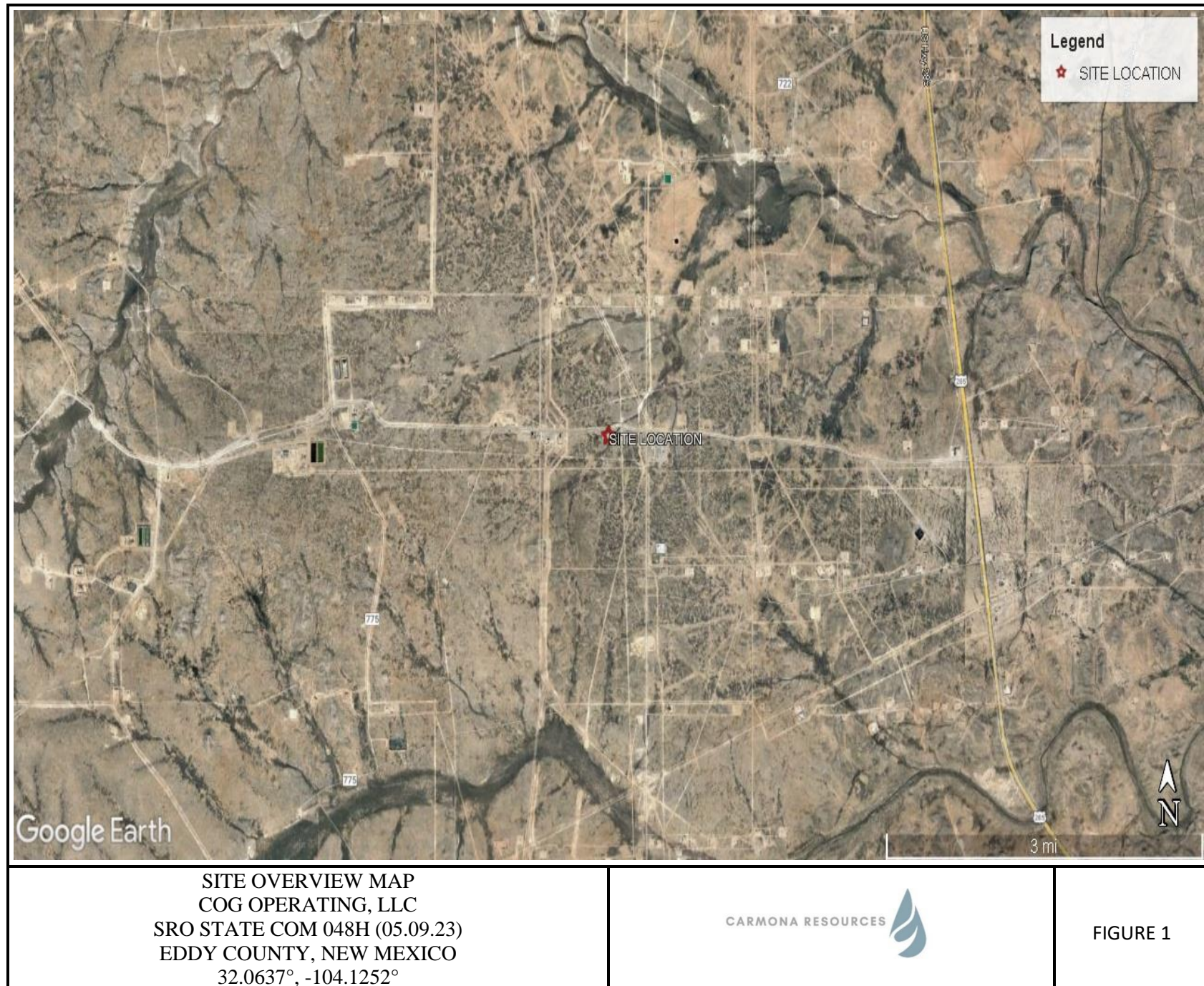
Mike Carmona
Environmental Manager

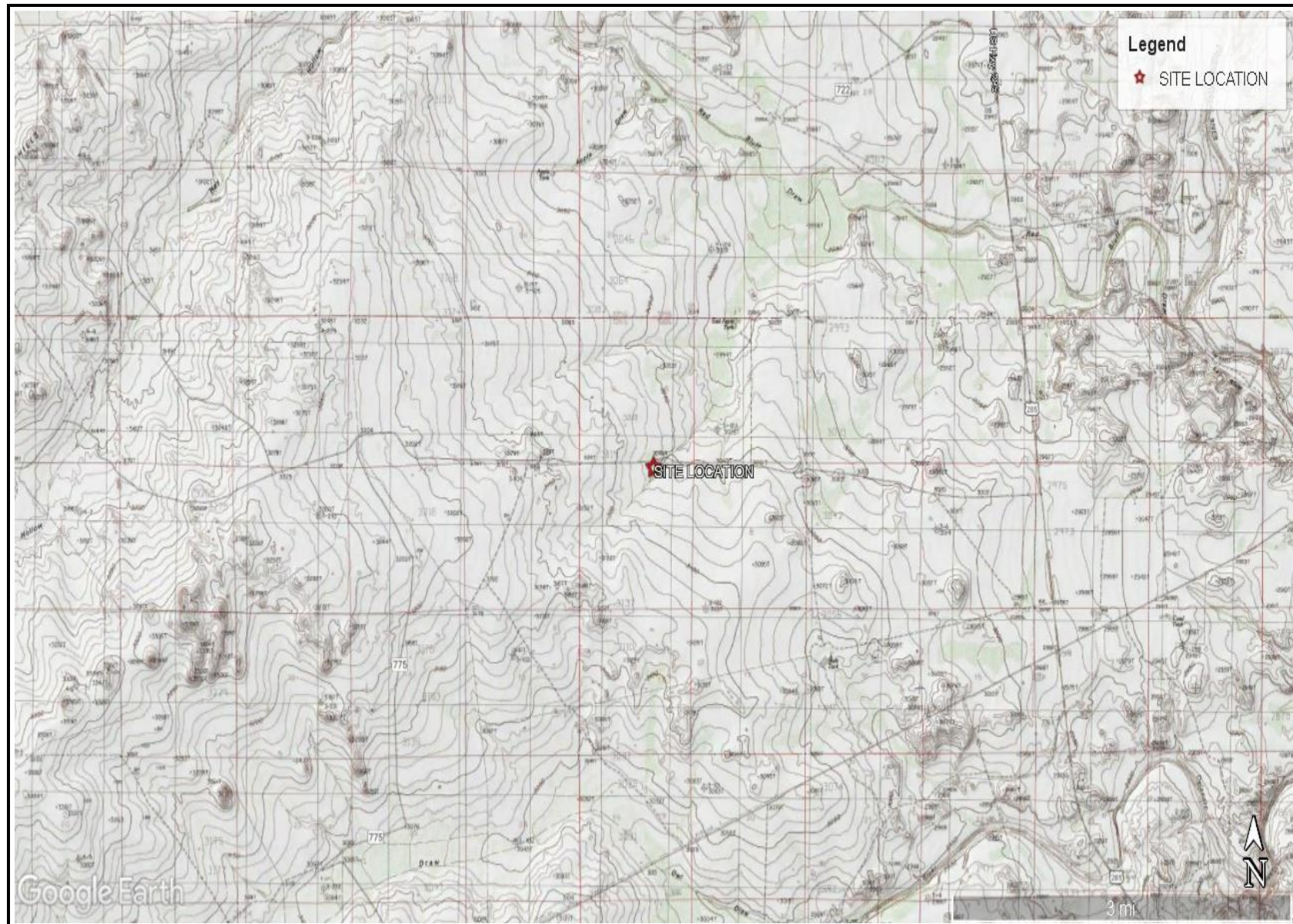
Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



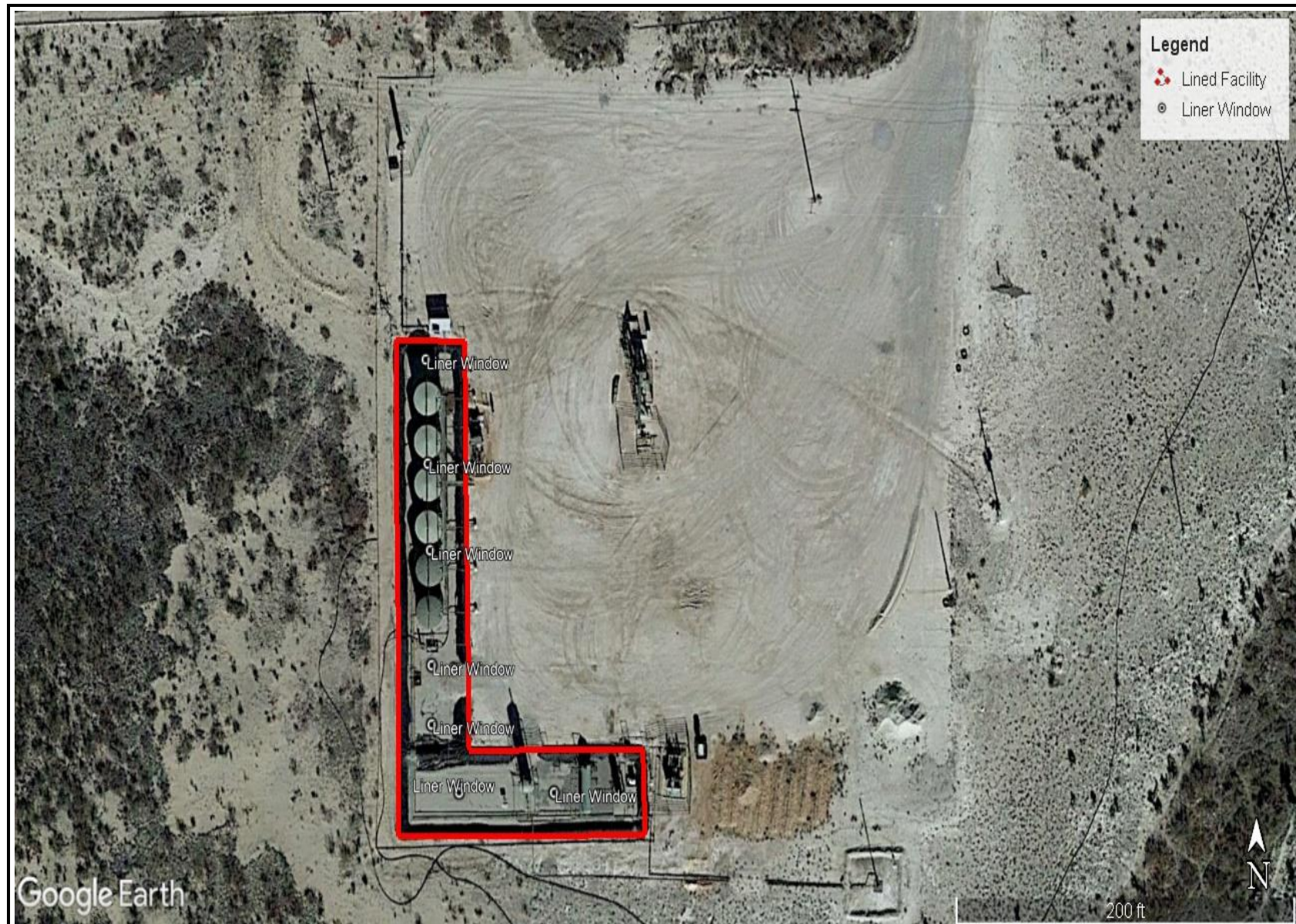




TOPOGRAPHIC MAP
COG OPERATING, LLC
SRO STATE COM 048H (05.09.23)
EDDY COUNTY, NEW MEXICO
32.0637°, -104.1252°



FIGURE 2



SECONDARY CONTAINMENT MAP
COG OPERATING, LLC
SRO STATE COM 048H (05.09.23)
EDDY COUNTY, NEW MEXICO
32.0637°, -104.1252°



FIGURE 3

APPENDIX A

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View Northwest of lined facility.



Photograph No. 2

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View South of lined facility.



Photograph No. 3

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View Southwest of lined facility and area of liner window.



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 4****Facility:** SRO State Com 048H (05.09.23)**County:** Eddy County, New Mexico**Description:**

View South of liner window.

**Photograph No. 5****Facility:** SRO State Com 048H (05.09.23)**County:** Eddy County, New Mexico**Description:**

View South of lined facility.

**Photograph No. 6****Facility:** SRO State Com 048H (05.09.23)**County:** Eddy County, New Mexico**Description:**

View Northeast of lined facility.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 7

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View East of liner window.



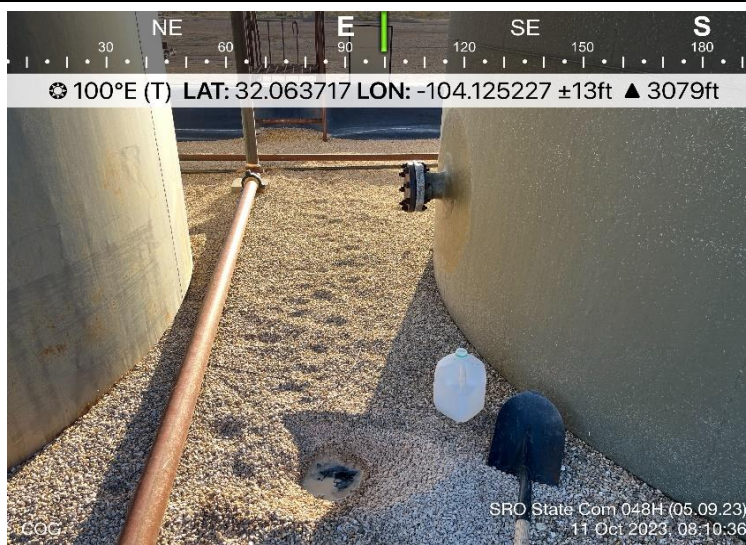
Photograph No. 8

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View East of liner window.



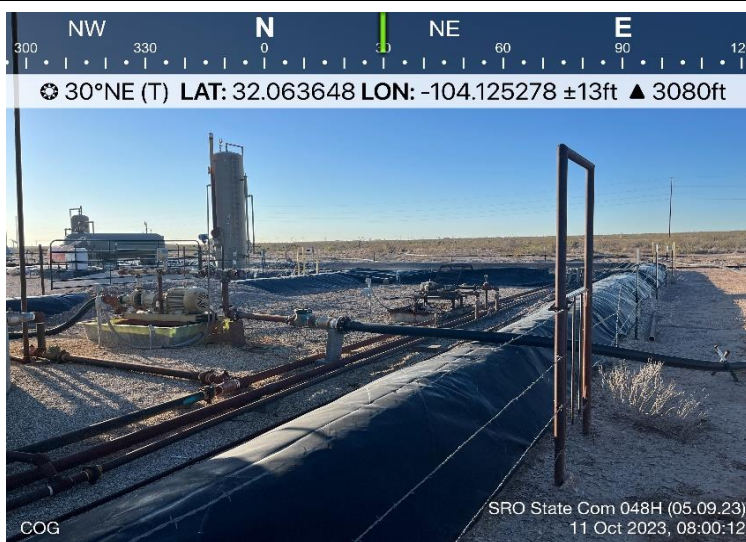
Photograph No. 9

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View Northeast of lined facility and area of liner window.



PHOTOGRAPHIC LOG

Concho Operating, LLC

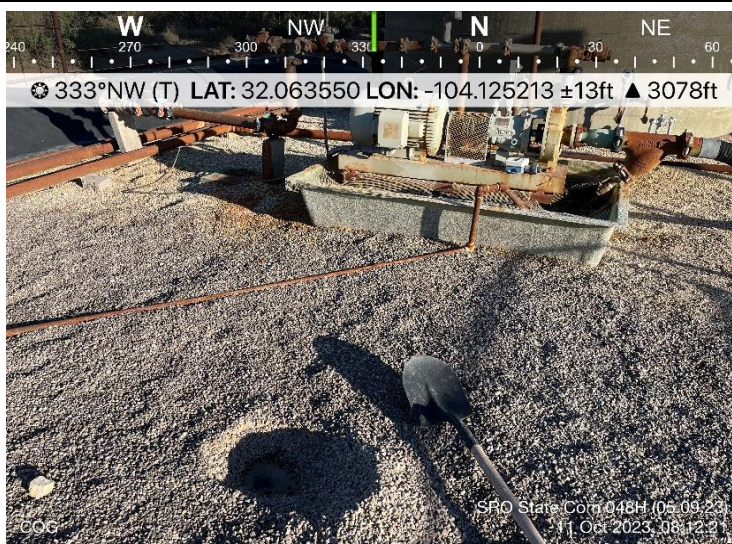
Photograph No. 10

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View Northwest of liner window.



Photograph No. 11

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View North of lined facility.



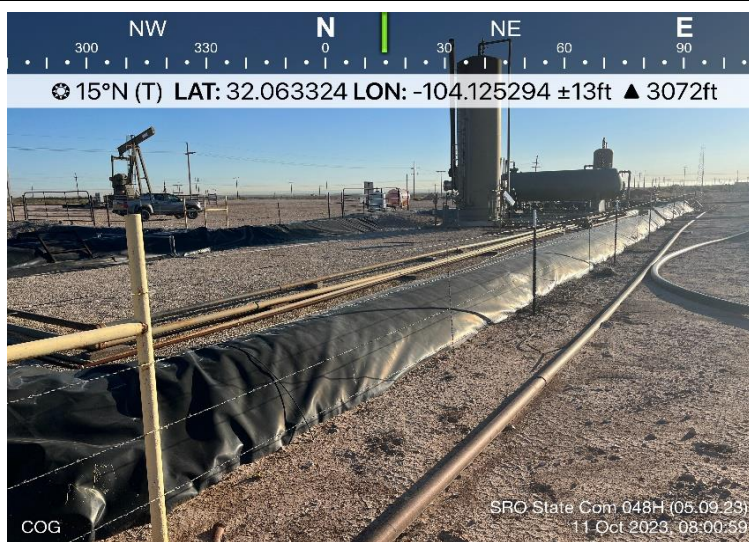
Photograph No. 12

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View North of lined facility and liner window.



PHOTOGRAPHIC LOG

Concho Operating, LLC

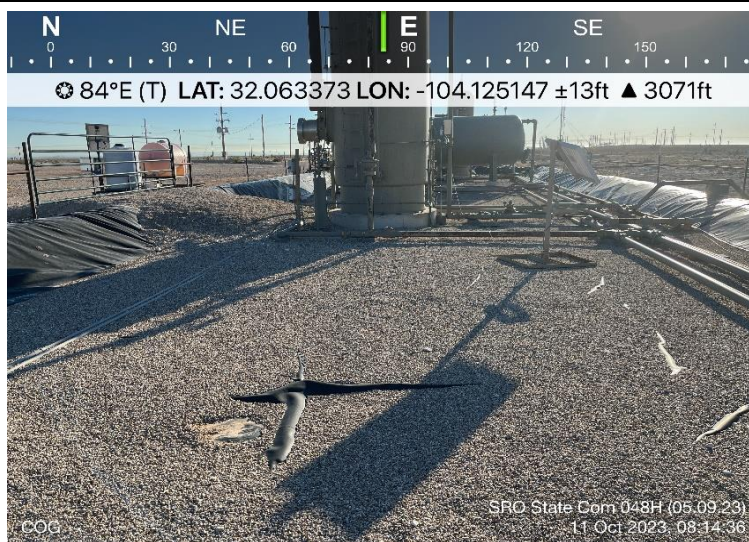
Photograph No. 13

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View East of liner window.



Photograph No. 14

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View Northwest of lined facility and liner window.



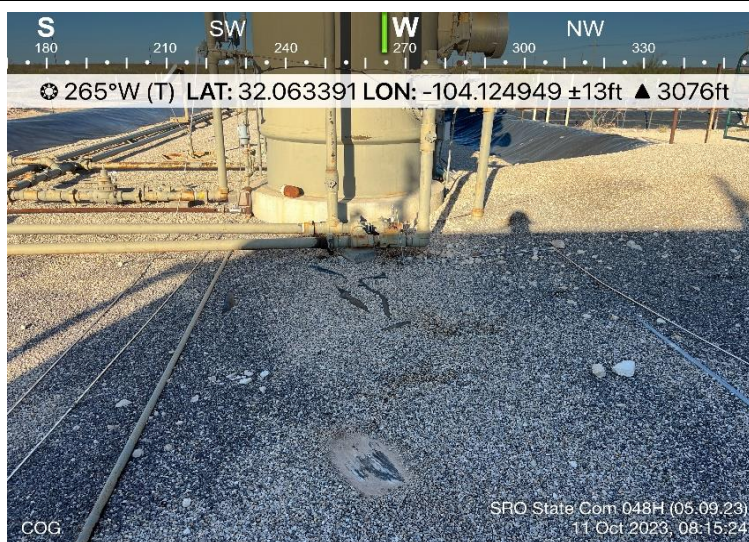
Photograph No. 15

Facility: SRO State Com 048H (05.09.23)

County: Eddy County, New Mexico

Description:

View West of liner window.



PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 16****Facility:** SRO State Com 048H (05.09.23)**County:** Eddy County, New Mexico**Description:**

View South of lined facility.

**Photograph No. 17****Facility:** SRO State Com 048H (05.09.23)**County:** Eddy County, New Mexico**Description:**

View Southwest 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

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

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: Jacqueline Morris Date: 11.2.23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/6/2023

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: Jaqueline Hinojosa Date: 11.2.23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/6/2023

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: Wells, Shelly, EMNRD
Sent: Tuesday, October 10, 2023 9:21 AM
To: Conner Moehring; Hamlet, Robert, EMNRD; Bratcher, Michael, EMNRD
Cc: Mike Carmona; Devin Dominguez; Clint Merritt; Jacqui.Harris@conocophillips.com; Esparza, Brittany
Subject: RE: [EXTERNAL] COG - SRO State Com 048H (05.09.23) - Liner Inspection Notification

Hi Conner,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

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

From: Conner Moehring <Cmoehring@carmonaresources.com>
Sent: Friday, October 6, 2023 5:05 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Mike Carmona <Mcarmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>; Clint Merritt <MerrittC@carmonaresources.com>; Jacqui.Harris@conocophillips.com; Esparza, Brittany <Brittany.Esparza@conocophillips.com>
Subject: [EXTERNAL] COG - SRO State Com 048H (05.09.23) - Liner Inspection Notification

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

Good Afternoon,

On behalf of COG, Carmona Resources will conduct a liner inspection at the below-referenced site on 10/11/23 around 9:00 a.m. Mountain Time. Please let me know if you have any questions.

COG Operating
SRO State Com 048H (05.09.23)
Eddy County, New Mexico
NAPP2314537018

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

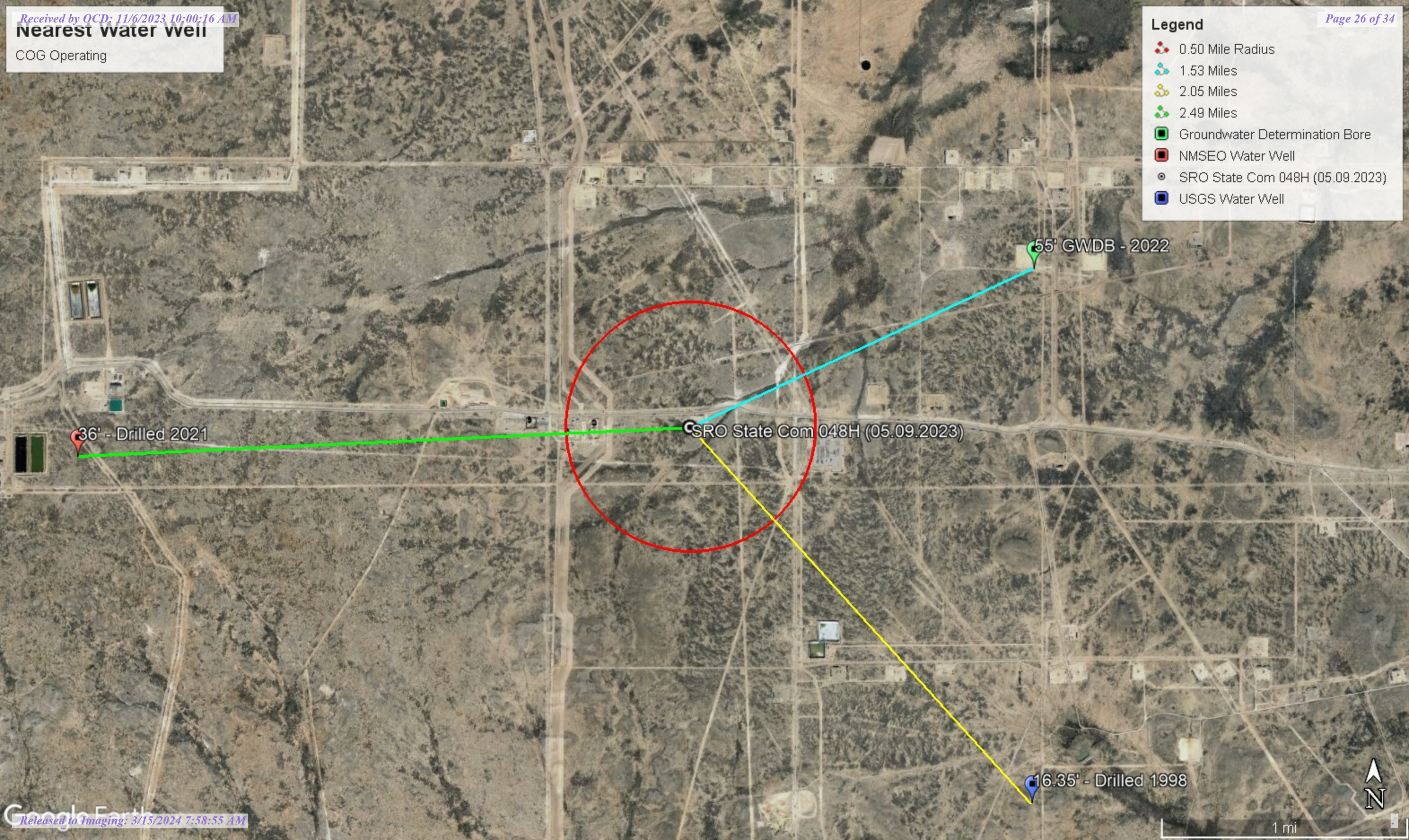


Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 1.53 Miles
- 2.05 Miles
- 2.49 Miles
- Groundwater Determination Bore
- NMSEO Water Well
- SRO State Com 048H (05.09.2023)
- USGS Water Well



1 mi

High Karst

COG Operating

Legend

- High
- Medium
- SRO State Com 048H (05.09.2023)

SRO State Com 048H (05.09.2023)



3000 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 02478	CUB	ED		2	1	05	26S	28E		583848	3549325*	1963	100		
C 02475	CUB	ED		2	4	13	26S	27E		581450	3545252*	2813	100		
C 02474	CUB	ED		4	3	02	26S	27E		578964	3548029*	3615	100		
C 04573 POD3	CUB	ED		4	1	1	11	26S	27E	578584	3547602	3996	100	36	64

Average Depth to Water: **36 feet**

Minimum Depth: **36 feet**

Maximum Depth: **36 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 582573.77

Northing (Y): 3547831

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.

9/15/23 10:28 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

212C-MD-02660		LOG OF BORING DTW-1										Page 1 of 1	
Project Name: SRO SWD #101													
Borehole Location: GPS: 32.072938°, -104.101518°										Surface Elevation (ft): 3009			
Borehole Number: DTW-1						Borehole Diameter (in.): 3		Date Started: 3/15/2022			Date Finished: 3/15/2022		

DEPTH (ft)	OPERATION TYPES	SAMPLE	STANDARD PENETRATION TEST	PID (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		
												While Drilling <u>▽</u> DRY ft 24 Hours After Completion of Drilling <u>▽</u> DRY ft		
												Remarks:		
MATERIAL DESCRIPTION												DEPTH (ft)	WELL DIAGRAM	
5											-SM- SILTY SAND: Pale Brown, dry	1	4" Schedule 40 PVC Casing	
										-SM- SILTY SAND: Pale Brown, with angular to subangular Gravel, dry.	2			
										-SM- SILTY SAND: Light Reddish Brown, dry.	3			
										-SM- SILTY SAND: Light Reddish Brown, with angular to subangular Gravel, dry.	4			
										-SM- SILTY SAND: Reddish Brown, with angular to subangular Gravel, dry.	5			
10											-CL- CLAY: Brown, trace Sand, dry to moist.	15		
15											-CL- CLAY: Grayish Brown, trace Sand, dry to moist.	20		
20											-SANDSTONE- SANDSTONE: Gray, fine to medium grained, weakly to moderately cemented, dry.	25		
25														
30														
35														
40													4" Schedule 40 PVC Slotted Screen (0.010")	
45														
50														
55														

Bottom of borehole at 55.0 feet.

Sampler Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> Split Spoon Shelby Bulk Sample Grab Sample </div> <div style="width: 50%;"> Acetate Liner Vane Shear California Sonic </div> </div>	Operation Types: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> Mud Rotary Continuous Flight Auger Hollow Stem Auger </div> <div style="width: 50%;"> Auger Air Rotary Direct Push HSA </div> </div>	Notes: Surface elevation is an estimated value based on Google Earth data.
Logger: Nicholas Poole	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- How are we doing? We want to hear from you. Take our quick survey to tell us what you think.
- 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 =

- 320230104060601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320230104060601 26S.28E.18.33111

Eddy County, New Mexico
Latitude 32°02'30", Longitude 104°06'06" NAD27
Land-surface elevation 3,070 feet above NAVD88
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
1981-05-01			D 62610		3050.88	NGVD29	1		Z	
1981-05-01			D 62611		3052.48	NAVD88	1		Z	
1981-05-01			D 72019	17.52			1		Z	
1983-01-25			D 62610		3052.15	NGVD29	1		Z	
1983-01-25			D 62611		3053.75	NAVD88	1		Z	
1983-01-25			D 72019	16.25			1		Z	
1987-10-13			D 62610		3053.27	NGVD29	1		Z	
1987-10-13			D 62611		3054.87	NAVD88	1		Z	
1987-10-13			D 72019	15.13			1		Z	
1992-11-03			D 62610		3050.77	NGVD29	1		S	
1992-11-03			D 62611		3052.37	NAVD88	1		S	
1992-11-03			D 72019	17.63			1		S	
1998-01-22			D 62610		3052.05	NGVD29	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
1998-01-22			D	62611	3053.65	NAVD88	1		S	
1998-01-22			D	72019	16.35		1		S	

Explanation

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

[Questions or Comments](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[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: 2023-09-15 12:32:20 EDT

0.29 0.24 nadww01



New Mexico Office of the State Engineer

Point of Diversion Summary

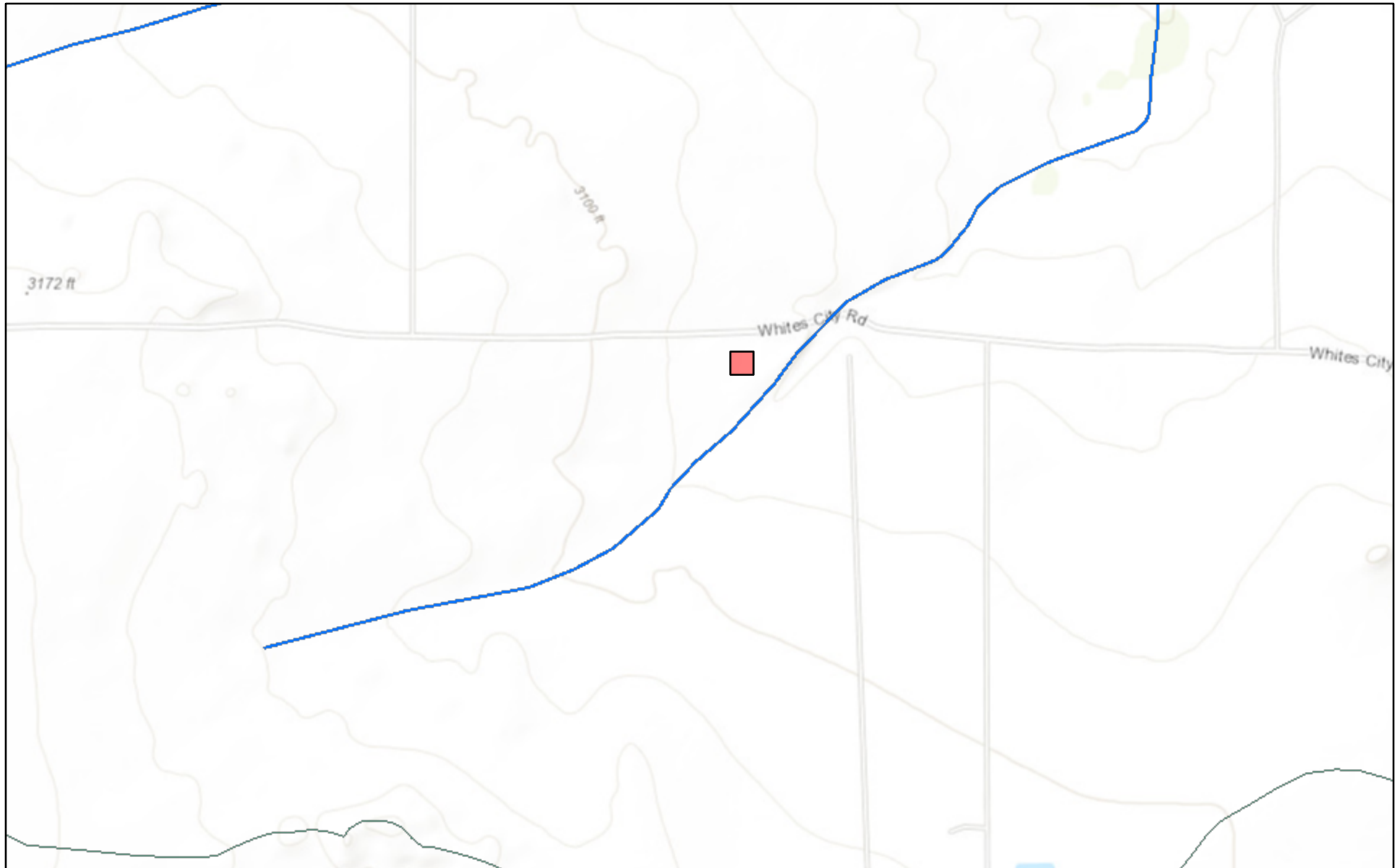
		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04573 POD3	4	1	1	11	26S	27E	578584	3547602
<hr/>									
Driller License: 1456		Driller Company:		WHITE DRILLING COMPANY					
Driller Name:		WHITE, JOHNNOWN.IGENER							
Drill Start Date: 10/21/2021		Drill Finish Date:		10/21/2021		Plug Date:			
Log File Date: 11/19/2021		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:		Depth Well:		100 feet		Depth Water:		36 feet	
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		24	50	Other/Unknown					
		50	53	Sandstone/Gravel/Conglomerate					
		53	60	Shale/Mudstone/Siltstone					
		60	100	Limestone/Dolomite/Chalk					

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.

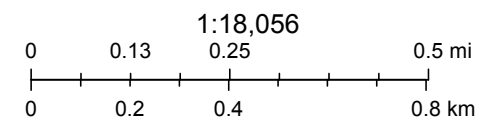
9/15/23 10:29 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



September 15, 2023



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

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

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 282894

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 282894
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	3/15/2024