CARMONA RESOURCES

SITE INFORMATION

Closure Report
Tomahawk Federal 20 O CTB (07.13.22)
Incident #: NAPP2221330757
Eddy County, New Mexico
Unit O Sec 20 T24S R28E
32.196954°, -104.108505°

Crude Oil & Produced Water Release
Point of Release: Tank overflow
Release Date: 07/13/2022
Volume Released: 26 barrels of Crude Oil & 276 barrels of Produced Water
Volume Recovered: 26 barrels of Crude Oil & 276 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 415
Midland, Texas 79701

CARMONA RESOURCES

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310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

CARMONA RESOURCES

August 3, 2022

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

Re: Closure Report
Tomahawk Federal 20 O CTB (07.13.22)
Concho Operating, LLC
Incident ID NAPP2221330757
Site Location: Unit O, S20, T24S, R28E
(Lat 32.196954º, Long -104.108505º)
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 Tomahawk Federal 20 O CTB (07.13.22). The site is located at 32.196954°, -104.108505° within Unit O, S20, 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 July 13, 2022, due to tanks overflowing inside the secondary containment. It resulted in the release of approximately twenty-six (26) barrels of crude oil, and two hundred and seventy-six (276) and twenty-six (26) barrels of crude oil and two hundred and seventy-six (276) were recovered. See figure 3. The initial C-141 form is attached in Appendix B.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources within a 0.50-mile radius of the location. The closest well is located approximately 0.97 miles Northeast of the site in S20, T24S, R28E and was drilled in 1954. The well has a reported depth to groundwater of 48 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.

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432.813.1992

CARMONA RESOURCES

- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

4.0 Liner Inspection Activities

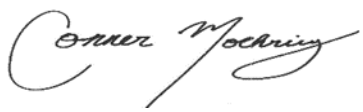
Before performing the liner inspection, the NMOCD division office was notified via email on July 19, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix B. On July 21, 2022, Carmona Resources, LLC conducted liner inspection activities to assess the liner's integrity within the facility and determined 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 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



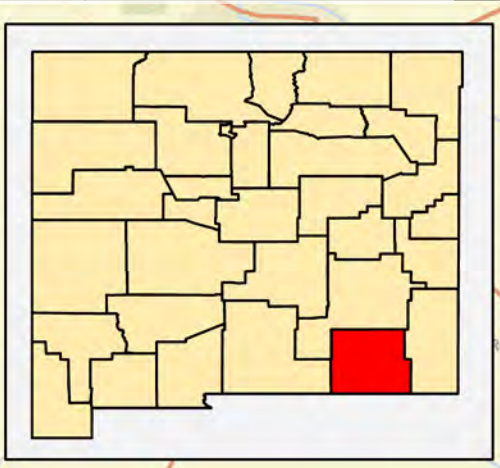
Conner Moehring
Sr. Project Manager

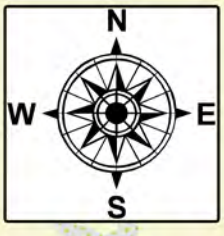
Ashton Thielke
Sr. Project Manager

310 West Wall Street, Suite 415
Midland TX, 79701
432.813.1992

FIGURES

CARMONA RESOURCES





Otis

31

128

Potash Mines Rd

Loving

720

Malaga

Black River Village

Pecos Hwy

Red Bluff

Pecos Hwy

0 2 4 8 Miles

Legend

Site Location

OVERVIEW MAP
COG OPERATING
TOMAHAWK FEDERAL 20 O CTB (07.13.22)
EDDY COUNTY, NEW MEXICO
32.196954, -104.108505

SCALE: As Shown

Date: 8/1/2022

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

NOTES:

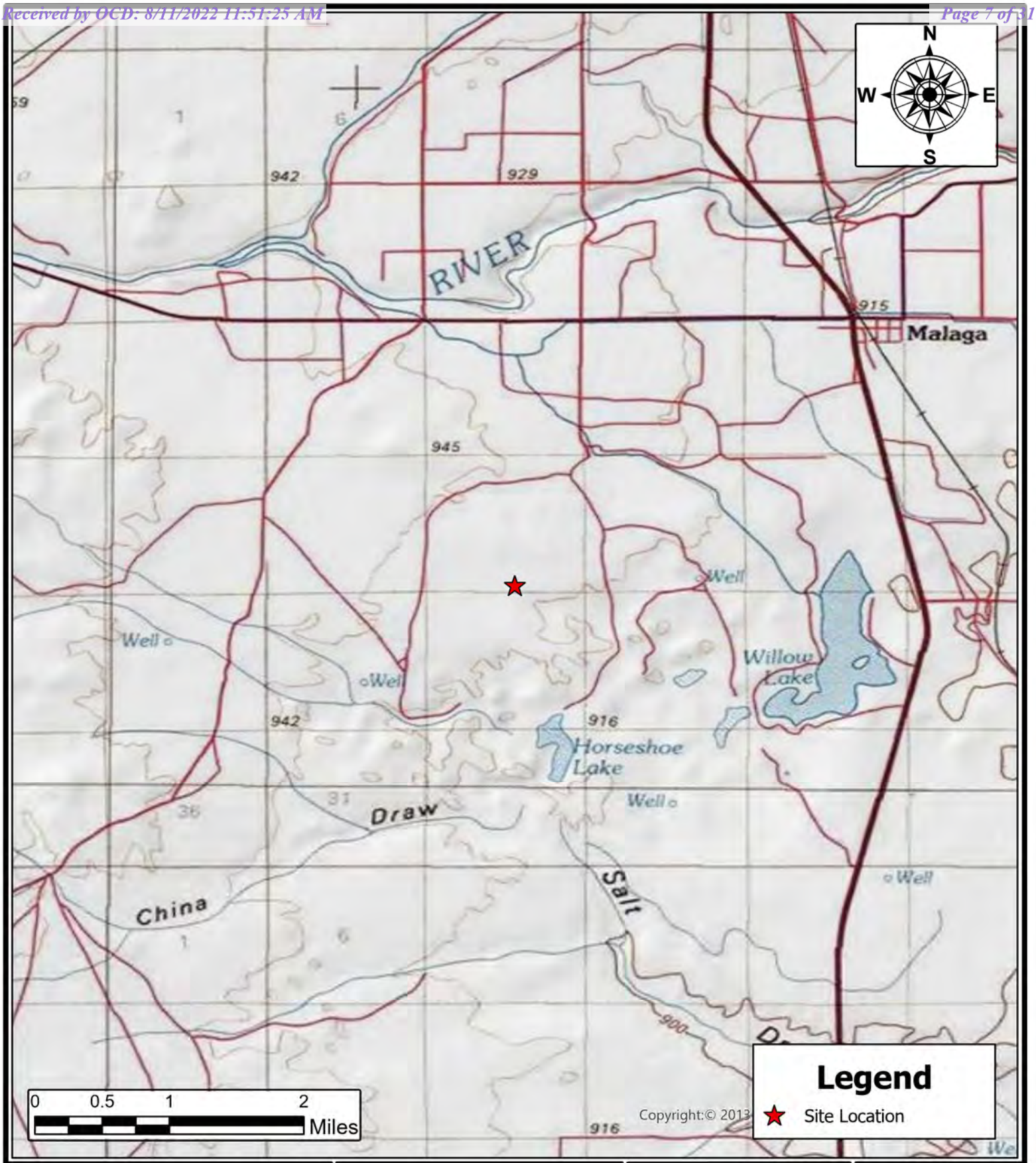
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



TOPOGRAPHIC MAP
COG OPERATING
TOMAHAWK FEDERAL 20 O CTB (07.13.22)
EDDY COUNTY, NEW MEXICO
32.196954, -104.108505

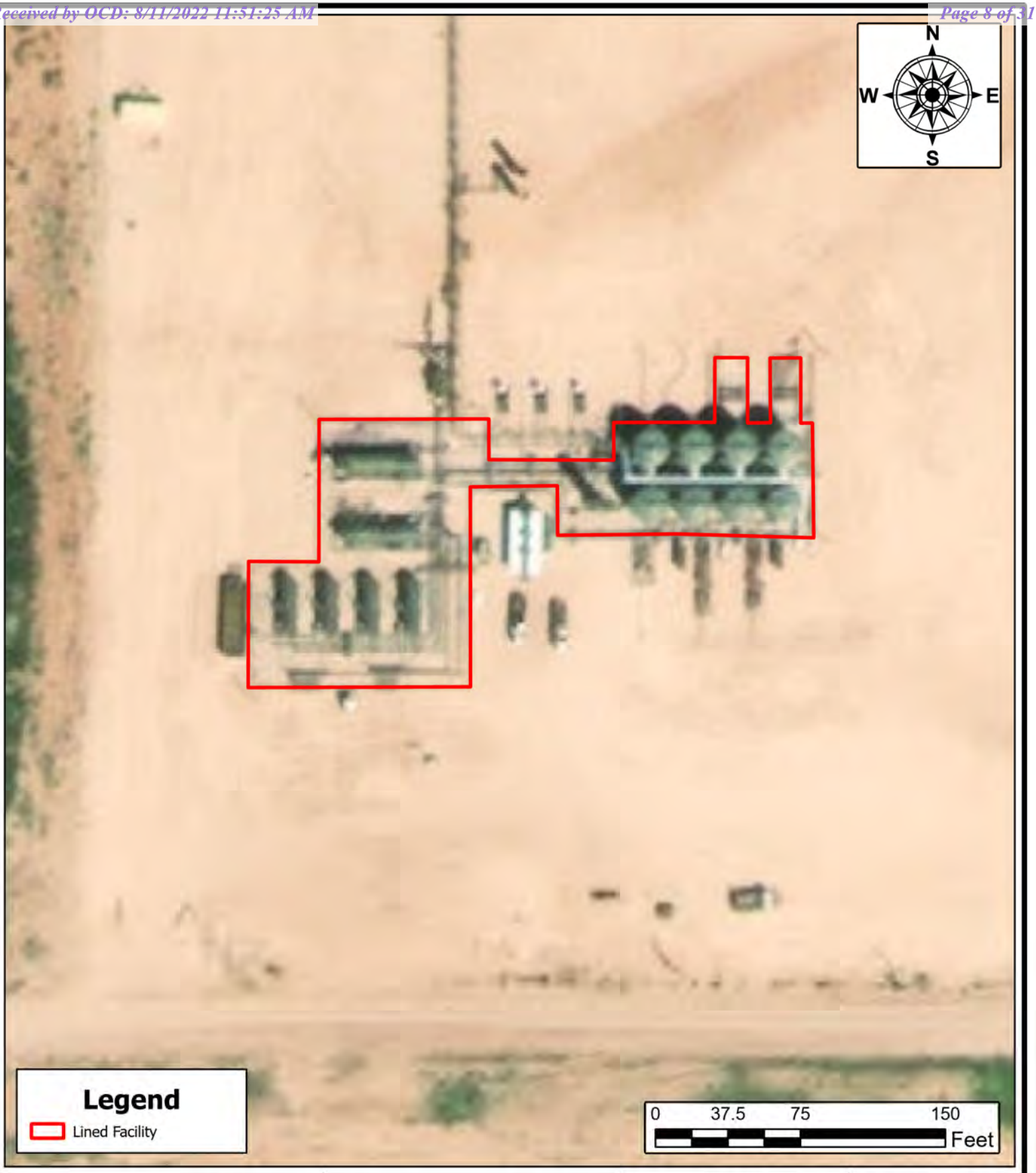
SCALE: As Shown | Date: 8/1/2022

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 2
SHEET NUMBER:
1 of 1



SAMPLE LOCATION MAP
COG OPERATING
TOMAHAWK FEDERAL 20 O CTB (07.13.22)
EDDY COUNTY, NEW MEXICO
32.196954, -104.108505

SCALE: As Shown | Date: 8/1/2022

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

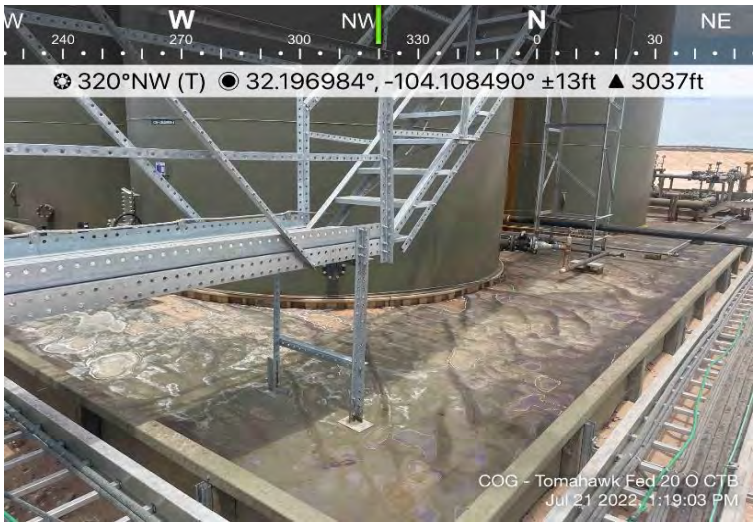
Concho Operating, LLC

Photograph No. 1

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View Northwest of lined facility.



Photograph No. 2

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View East of lined facility.

Photograph No. 3

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View East of lined facility.

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View East of lined facility.

Photograph No. 5

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View Southeast of lined facility.

Photograph No. 6

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View North of lined facility.

PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 7

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

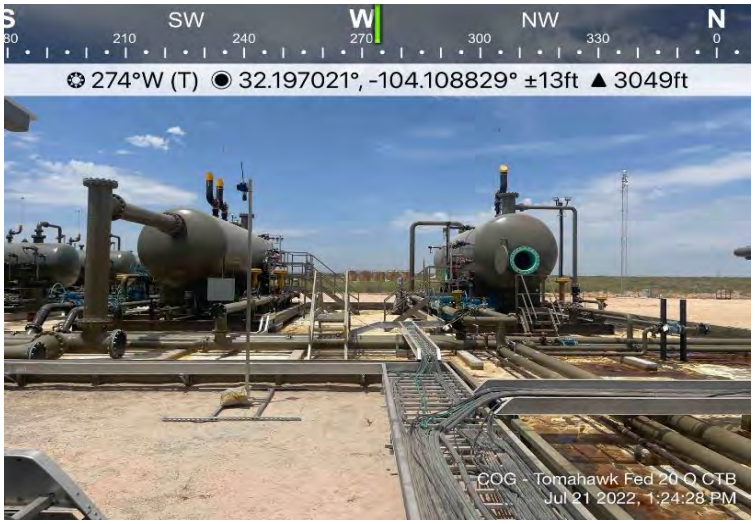
Description:
View Northwest of lined facility.

Photograph No. 8

Facility: Tomahawk Federal 20 O CTB (07.13.22)

County: Eddy County, New Mexico

Description:
View West of lined facility.



Photograph No. 9

Facility: Tomahawk Federal 20 O CTB (07.13.22)

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: _____ Date: _____

L48 Spill Volume Estimate Form

Facility Name & Number:	Tomahawk
Asset Area:	DBWN
Release Discovery Date & Time:	7.13.22
Release Type:	Produced Water
Provide any known details about the event:	Tanks overran

Spill Calculation - On Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Deepest point in each of the areas (in.)	No. of boundaries of "shore" in each area	Estimated *Pool* Area (sq. ft.)	Estimated Average Depth (ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A (yellow)	90.0	50.0	4.00	3	4500.000	0.111	89.000	0.006	89.494
Rectangle B (green)	60.0	60.0	4.00	3	3600.000	0.111	71.200	0.006	71.596
Rectangle C (red)	30.0	10.0	4.00	3	300.000	0.111	5.933	0.006	5.966
Rectangle D (purple)	10.0	30.0	4.00	2	300.000	0.167	8.900	0.008	8.974
Rectangle E (blue)	10.0	40.0	4.00	2	400.000	0.167	11.867	0.008	11.966
Rectangle F (brown)	10.0	50.0	4.00	2	500.000	0.167	14.833	0.008	14.957
Rectangle G (black)	80.0	50.0	4.00	3	4000.000	0.111	79.111	0.006	79.551
ectangle H (yellow small	20.0	25.0	4.00	3	500.000	0.111	9.889	0.006	9.944
ectangle I (yellow small 2	20.0	25.0	4.00	3	500.000	0.111	9.889	0.006	9.944
Rectangle J					0.000	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
								Total Volume Release:	302.391

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: 08/11/2022

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: 08/11/2022

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: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: Mike Carmona
Sent: Tuesday, July 19, 2022 9:59 AM
To: OCD.Enviro@state.nm.us
Cc: Conner Moehring; Harris, Jacqui
Subject: COG Tomahawk Federal 20 O CTB (7.13.22)

Good Morning,

On behalf of COG, Carmona Resources will conduct a liner inspection at the below-referenced site on 07/21/2022. Please let me know if you have any questions.

Tomahawk Federal 20 O CTB (7.13.22)
32.1967°, -104.1086°
Eddy County, New Mexico

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

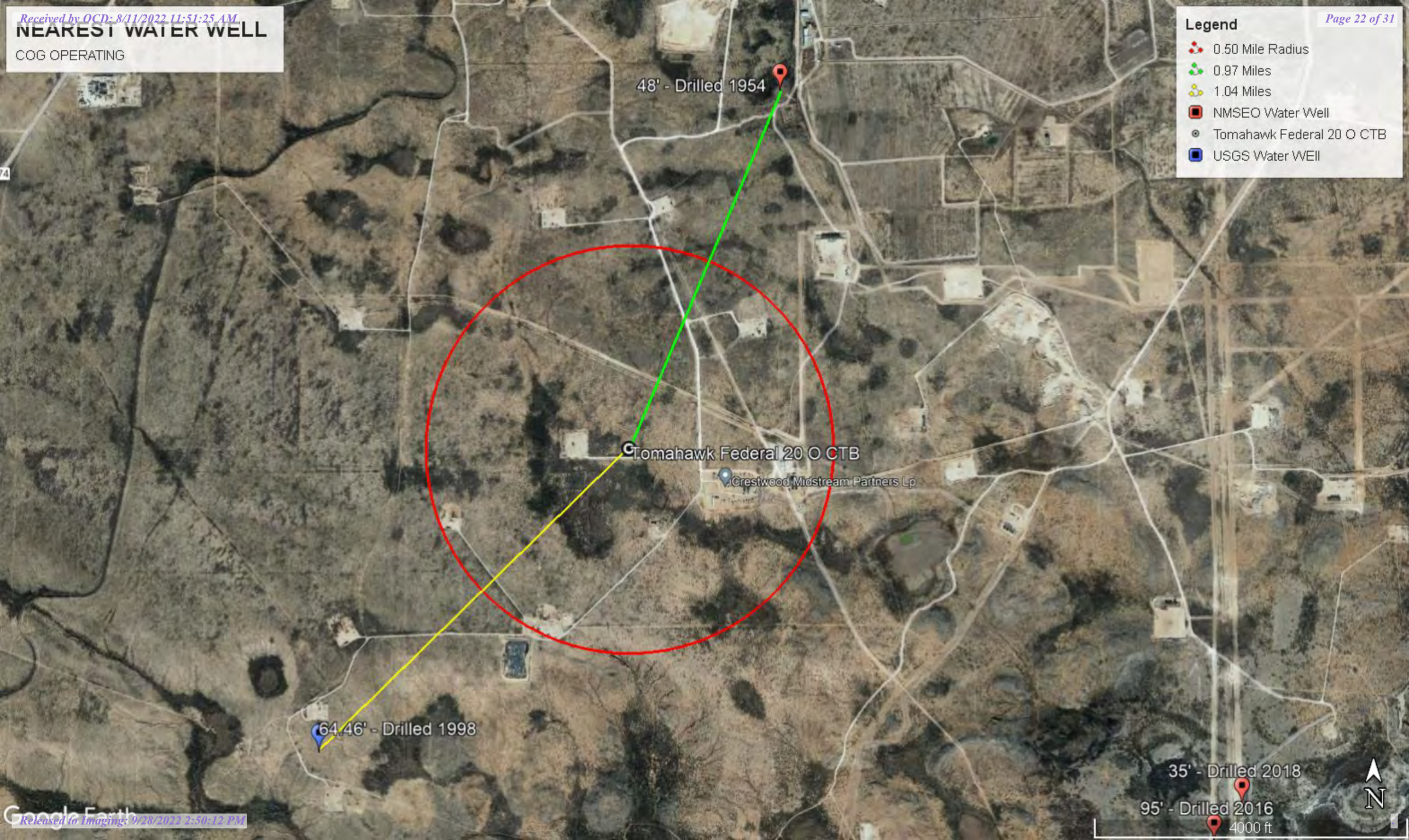
CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES

NEAREST WATER WELL

COG OPERATING



Legend

- 0.50 Mile Radius
- 0.97 Miles
- 1.04 Miles
- NMSEO Water Well
- Tomahawk Federal 20 O CTB
- USGS Water WEll

MEDIUM KARST

COG OPERATING

Legend

Medium

Tomahawk Federal 20 O CTB

774

US Hwy 285

Tomahawk Federal 20 O CTB

Crestwood Midstream Partners Lp

Willow Lake

774

Google Earth

N

1 mi

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 04501 POD1		CUB	ED	3	4	1	29	24S	28E	583580	3561778	921	80		
C 00513		CUB	ED	2	2	2	20	24S	28E	584605	3564020	1546	212	48	164
C 00709		C	ED	3	3	3	16	24S	28E	584802	3564232*	1820			
C 00513 S		CUB	ED	1	3	3	16	24S	28E	584801	3564431	2001	161	42	119
C 00365		CUB	ED	2	4	1	17	24S	28E	583791	3565226*	2647	238	26	212
C 03988 POD1		CUB	ED	4	4	4	28	24S	28E	586303	3561087	2732	110	95	15
C 04222 POD1		CUB	ED	1	3	3	27	24S	28E	586406	3561228	2746	140	35	105
C 03989 POD1		CUB	ED	4	2	2	33	24S	28E	586342	3560573	3074	100	70	30
C 00648		C	ED	2	2	2	17	24S	28E	584593	3565644*	3108	96	58	38
C 04025 POD1		CUB	ED	4	3	3	27	24S	28E	586700	3560964	3133	190	90	100
C 00361	C	CUB	ED		3	3	08	24S	28E	583283	3565926*	3417	2575		
C 02244		C	LE	3	1	2	22	24S	28E	587224	3563865*	3448	260		
C 03824 POD1		CUB	ED	4	1	2	16	24S	28E	585770	3565578	3464	290	60	230
C 03986 POD1		CUB	ED	3	4	2	22	24S	28E	587505	3563502	3603	170	120	50
C 04222 POD2		CUB	ED	1	2	4	22	24S	28E	587707	3563255	3746	100	40	60
C 02836		C	ED	2	2	2	16	24S	28E	586203	3565676*	3781		15	
C 01721		C	ED			1	25	24S	27E	580271	3562033*	3790	170		
C 03145		C	ED	3	1	4	13	24S	27E	580749	3564579*	3829	103	40	63
C 04147 POD1		CUB	ED	4	1	3	24	24S	27E	580101	3562969	3937	35		

Average Depth to Water: **56 feet**

Minimum Depth: **15 feet**

Maximum Depth: **120 feet**

Record Count: 19

UTMNAD83 Radius Search (in meters):

Easting (X): 584020.18 **Northing (Y):** 3562588.48 **Radius:** 4000

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

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 00513	2	2	2	20	24S	28E	584605	3564020

Driller License: **Driller Company:**

Driller Name: HOWARD HEMLER

Drill Start Date:	03/30/1954	**Drill Finish Date:**	03/30/1954	**Plug Date:**	
Log File Date:	06/24/1954	**PCW Rcv Date:**	09/22/1954	**Source:**	Shallow
Pump Type:	TURBIN	**Pipe Discharge Size:**		**Estimated Yield:**	900 GPM
Casing Size:	14.00	**Depth Well:**	212 feet	**Depth Water:**	48 feet

Water Bearing Stratifications:	Top	Bottom	Description
	84	135	Limestone/Dolomite/Chalk
	178	212	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	80	140
	180	212

Meter Number:	560	**Meter Make:**	WATER SPEC
Meter Serial Number:	934685	**Meter Multiplier:**	1.0000
Number of Dials:	3	**Meter Type:**	Diversion
Unit of Measure:	Acre-Feet	**Return Flow Percent:**	
Usage Multiplier:		**Reading Frequency:**	

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	0	A	ms		0	
04/01/1999	1999	0	A	ms		0	
06/15/1999	1999	0	A	ms		0	
09/29/1999	1999	0	A	ms		0	
04/06/2000	2000	0	A	mb		0	
07/07/2000	2000	0	A	mb		0	
10/19/2000	2000	0	A	mb		0	
01/05/2001	2000	0	A	ms		0	
04/20/2001	2001	0	A	ms		0	
07/20/2001	2001	0	A	ms	No Electric	0	
04/01/2003	2002	6	A	MB		6.293	
06/03/2003	2003	6	A	ms		0	
08/20/2003	2003	6	A	ab		0	
10/22/2003	2003	8	A	TW		1.374	
01/06/2004	2003	8	A	ab		0	
04/28/2004	2004	12	A	TW		4.051	
07/14/2004	2004	12	A	ms		0	
10/20/2004	2004	12	A	TW		0	

01/03/2005	2004	12	A	TW		0
03/30/2005	2005	12	A	JW		0
07/06/2005	2005	12	A	JW		0
01/05/2006	2005	12	A	TW		0
04/05/2006	2006	12	A	tw		0.353
07/06/2006	2006	14	A	tw		2.000
01/04/2007	2006	15	A	tw		1.073
04/27/2007	2007	15	A	tw		0
07/03/2007	2007	15	A	tw		0
10/10/2007	2007	15	A	tw		0
01/02/2008	2007	15	A	tw		0
04/15/2008	2008	15	A	tw		0
10/02/2008	2008	15	A	tw		0
01/13/2009	2008	15	A	tw		0
04/15/2009	2009	15	A	tw		0
06/07/2009	2009	15	A	tw		0
01/06/2010	2009	15	A	tw		0
05/13/2010	2010	15	A	tw		0
01/12/2011	2010	15	A	tw		0
09/20/2011	2011	15	A	tw		0
01/23/2012	2011	15	A	tw		0
03/02/2012	2012	15	A	tw		0
07/02/2012	2012	15	A	tw		0
10/19/2012	2012	15	A	tw		0
02/12/2013	2013	15	A	tw		0
11/05/2013	2013	15	A	tw		0
06/10/2014	2014	15	A	tw		0
01/27/2015	2014	15	A	tw		0
03/04/2016	2016	15	A	tw	Pump pulled PVACD purchased	0

**YTD Meter Amounts:	Year	Amount
	1999	0
	2000	0
	2001	0
	2002	6.293
	2003	1.374
	2004	4.051
	2005	0
	2006	3.426
	2007	0
	2008	0
	2009	0
	2010	0
	2011	0
	2012	0
	2013	0
	2014	0
	2016	0

Meter Number: 564 **Meter Make:** WATER SPEC

Meter Serial Number: 924685 **Meter Multiplier:** 1.0000
Number of Dials: 4 **Meter Type:** Diversion
Unit of Measure: Acre-Feet **Return Flow Percent:**
Usage Multiplier: **Reading Frequency:**

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
12/29/1998	1999	0	A	ms		0	
04/01/1999	1999	0	A	ms		0	
06/15/1999	1999	0	A	ms		0	
09/29/1999	1999	0	A	ms		0	
04/06/2000	2000	0	A	MB		0	
07/07/2000	2000	0	A	MB		0	
10/19/2000	2000	0	A	MB		0	
01/03/2001	2000	0	A	ms		0	

**YTD Meter Amounts:	Year	Amount
	1999	0
	2000	0

Meter Number: 1408 **Meter Make:**
Meter Serial Number: 62 074 251 **Meter Multiplier:** 1.0000
Number of Dials: 5 **Meter Type:** Power Child
Unit of Measure: Kilowatt Hours **Return Flow Percent:**
Usage Multiplier: **Reading Frequency:**

Meter Readings in (Kilowatt Hours)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount	Online
04/06/2000	2000	30830	A	mb		0	
07/07/2000	2000	30830	A	mb		0	

**YTD Meter Amounts:	Year	Amount
	2000	0

National Water Information System: Web Interface

USGS Water Resources

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

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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 =
- 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 measu
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
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 about sites/data?
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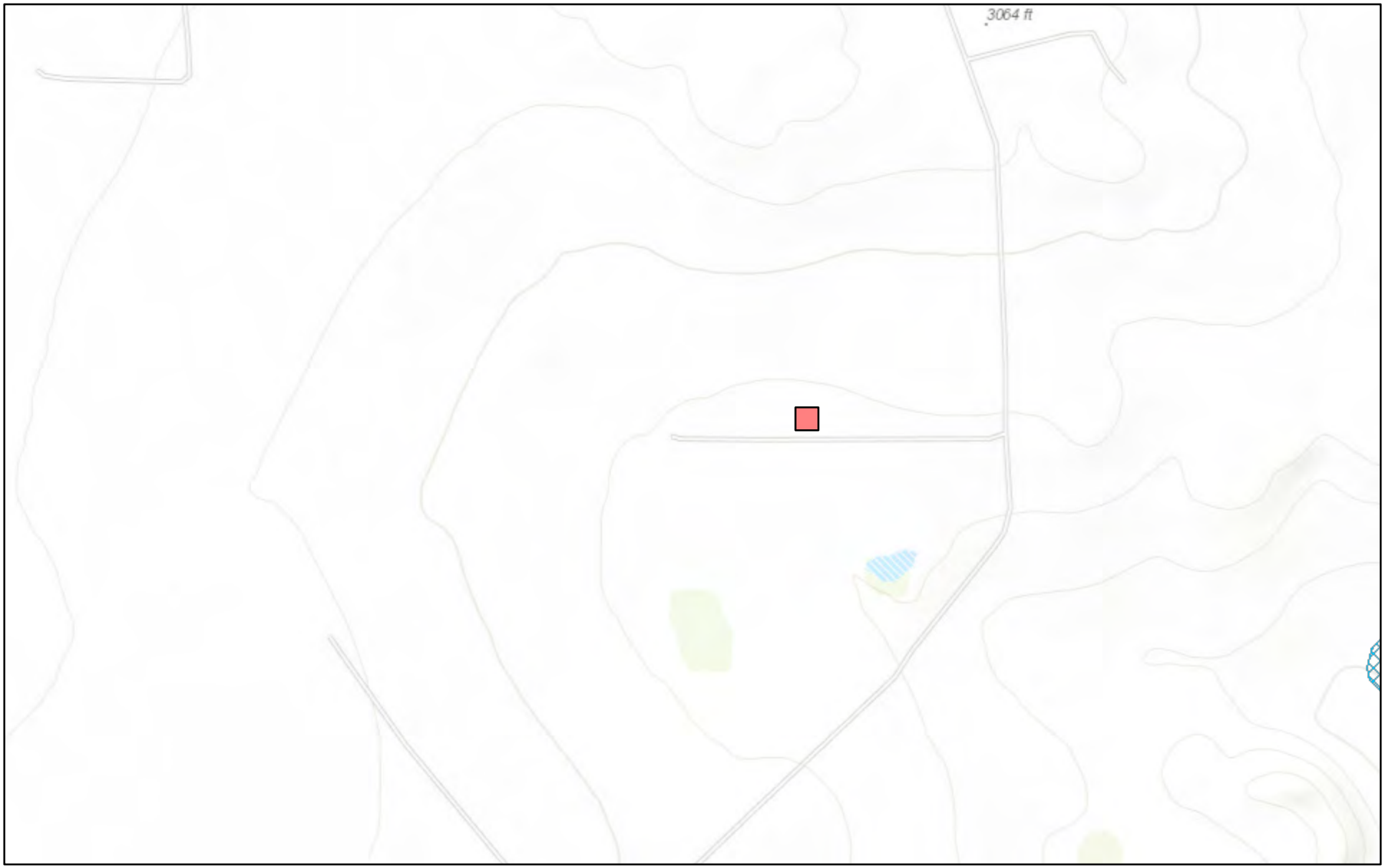
New Mexico NFHL Data



July 14, 2022

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 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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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 133134

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 133134
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	9/28/2022