

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Switchback State 21H Battery (06.22.23)
Incident ID: NAPP2319134670
Eddy County, New Mexico
Unit M Sec 11 T24S R27E
32.22539°, -104.16824°

Produced Water Release
Point of Release: Equipment Failure
Release Date: 06.22.2023
Volume Released: 7.766 Barrels of Produced Water
Volume Recovered: 3 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

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

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July 24, 2023

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

Re: Closure Report
Switchback State 21H Battery (06.22.23)
Concho Operating, LLC
Incident ID NAPP2319134670
Site Location: Unit M, S11, T24S, R27E
(Lat 32.22539°, Long -104.16824°)
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 Switchback State 21H Battery (06.22.23). The site is located at 32.22539°, -104.16824° within Unit M, S11, T24S, R27E, 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 June 22, 2023, caused by a heater leak due to corrosion in a lined facility. It resulted in approximately (7.766) barrels of produced water being released, and (3) barrels of produced water were recovered inside the Falcon liner. All free-standing liquid was removed by a vacuum truck. 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 1.02 miles East of the site in S12 T24S R27E and was drilled in 2008. The well has a reported depth to groundwater of 56' 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 July 21, 2023, per Subsection D of 19.15.29.12 NMAC. See Appendix B. On July 21, 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 contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

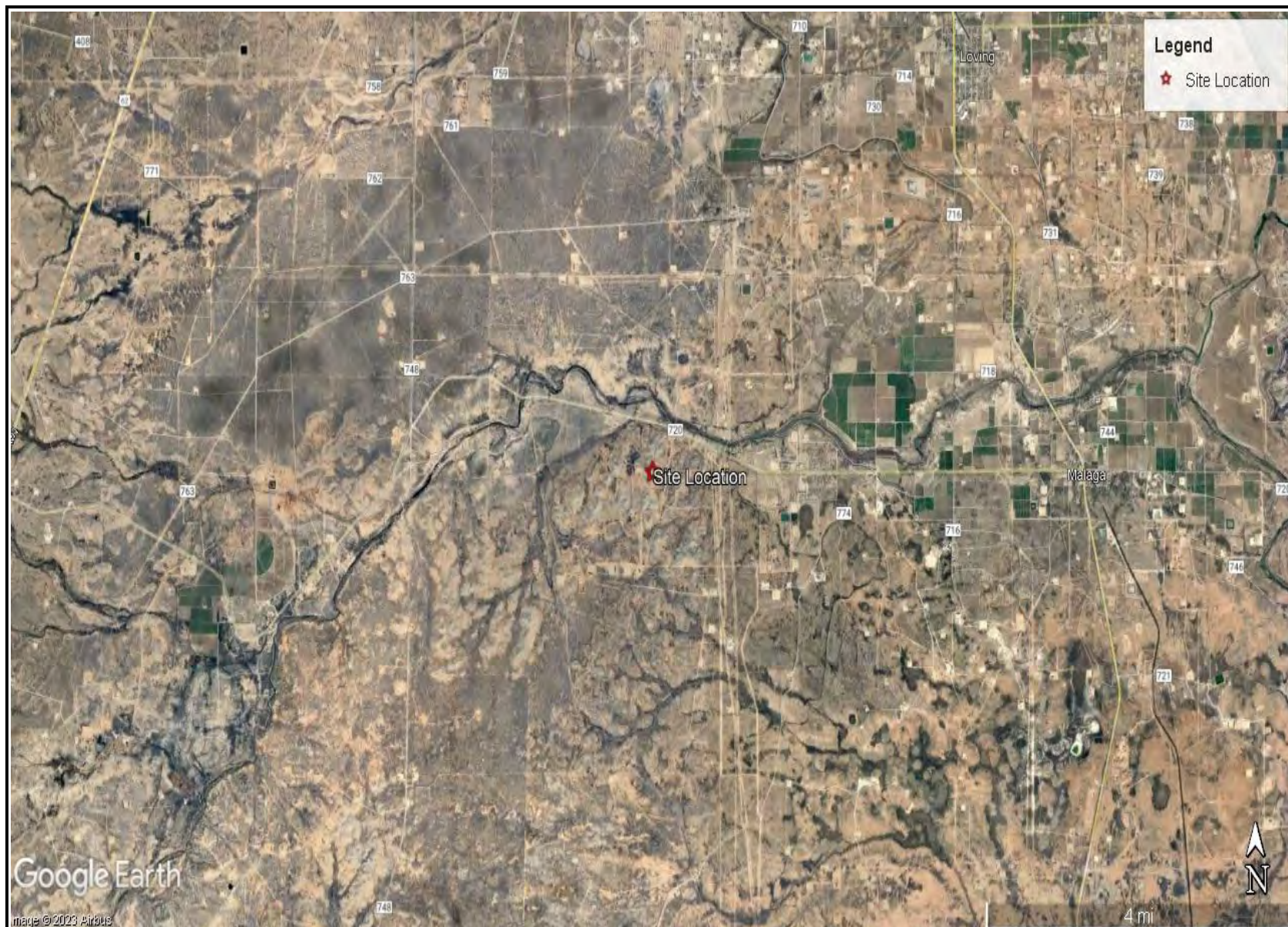
Mike Carmona
Environmental Manager

Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES

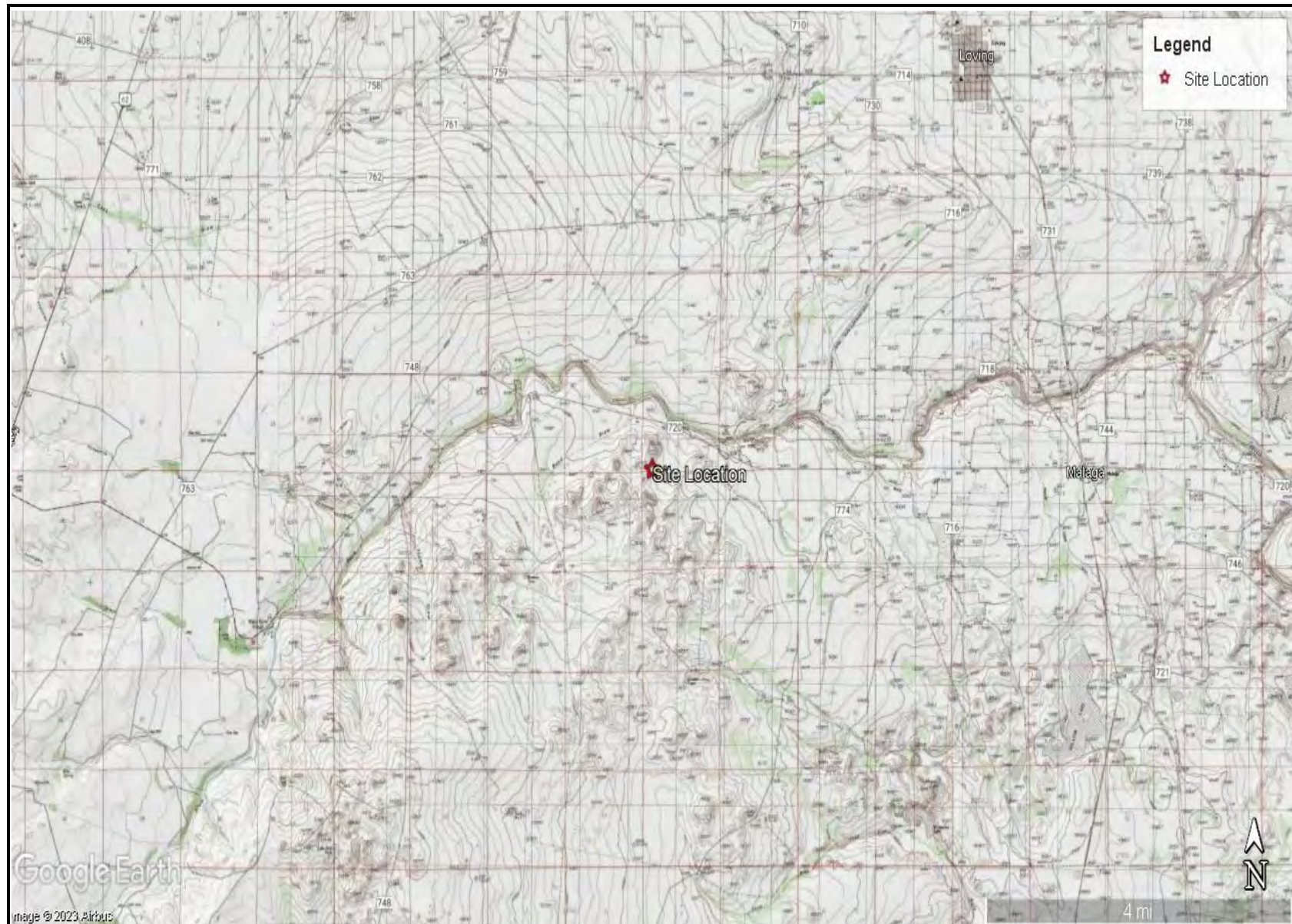




SITE OVERVIEW MAP
COG OPERATING, LLC
SWITCHBACK STATE 21H BATTERY (06.22.23)
EDDY COUNTY, NEW MEXICO
32.22539°, -104.16824°



FIGURE 1



TOPOGRAPHIC MAP
COG OPERATING, LLC
SWITCHBACK STATE 21H BATTERY (06.22.23)
EDDY COUNTY, NEW MEXICO
32.22539°, -104.16824°



FIGURE 2



APPENDIX A

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 1

Facility: Switchback State 21H Battery
06.22.23

County: Eddy County, New Mexico

Description:

View Northwest, area of lined facility.



Photograph No. 2

Facility: Switchback State 21H Battery
06.22.23

County: Eddy County, New Mexico

Description:

View South, area of lined facility.



Photograph No. 3

Facility: Switchback State 21H Battery
06.22.23

County: Eddy County, New Mexico

Description:

View Northeast, area of lined facility.



PHOTOGRAPHIC LOG

Concho Operating, LLC

Photograph No. 4

Facility: Switchback State 21H Battery
06.22.23

County: Eddy County, New Mexico

Description:

View West, area of lined facility.



Photograph No. 5

Facility: Switchback State 21H Battery
06.22.23

County: Eddy County, New Mexico

Description:

View East, area of lined facility.



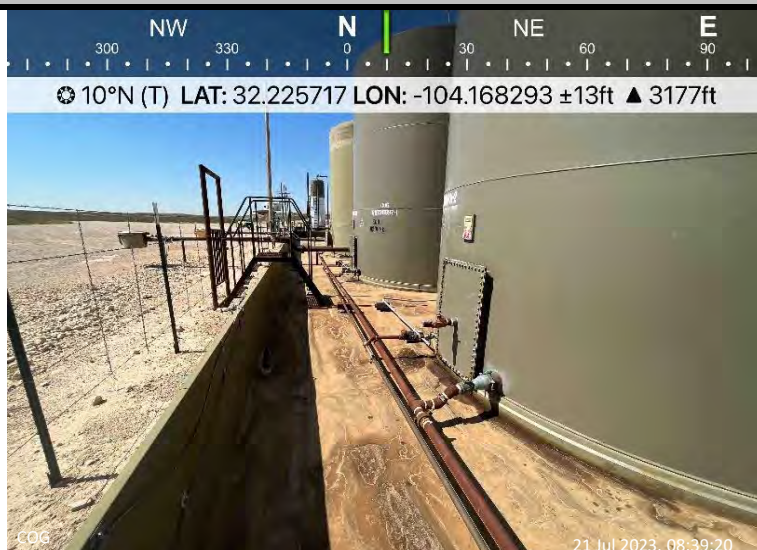
Photograph No. 6

Facility: Switchback State 21H Battery
06.22.23

County: Eddy County, New Mexico

Description:

View North, area of lined facility.

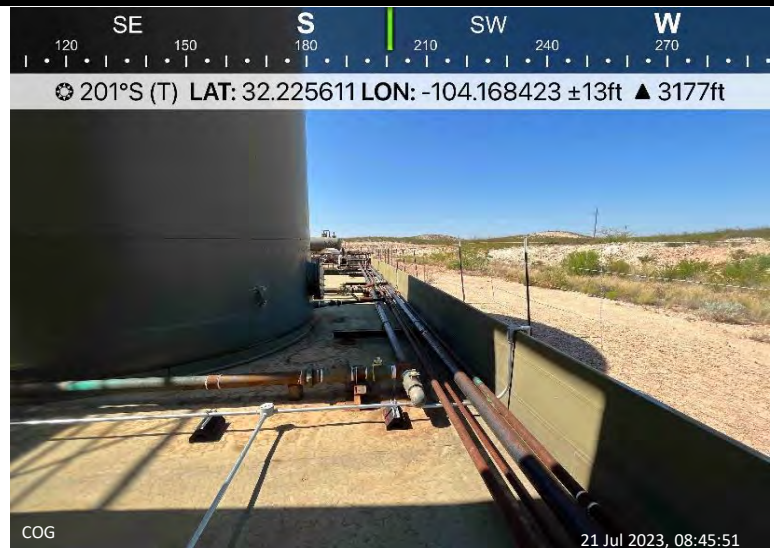


PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 7****Facility:** Switchback State 21H Battery
06.22.23**County:** Eddy County, New Mexico**Description:**

View Southwest, area of lined facility.

**Photograph No. 8****Facility:** Switchback State 21H Battery
06.22.23**County:** Eddy County, New Mexico**Description:**

View South, area 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>Pattani Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: _____	Date: _____

L48 Spill Volume Estimate Form - Fill In Gray Cells

Received by OCD: 7/27/2023 2:32:05 PM

Fetchback state 21H / ULP SEC.11-T24S-R27E Eddy County

Release Discovery Date & Time: 6/1/2023 11:47:00 AM

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Provide any known details about the event:				MSO was walking through facility when we spotted water and salt on lined containment. MSO then found the source (check valve on water line of heater), isolated it, then shut the facility and well in.		Primary Cause (dropdown):	Design and Engineering	Secondary Cause (dropdown):	
				Was the Release to Soil / Caliche (dropdown):	Release On/Off Pad (dropdown):	Recovered Volume (bbl.) (if available, not included in volume calculations)	Release Type (dropdown):	Method of Determination (dropdown):	
BU:	Permian	Asset Area:	DBW - Farmland	No	On-Pad		Produced Water	Field Measurement	
Known Volume (dropdown):				No					
Known Area (dropdown):				No					

Spill Calculation - On-Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated Pool Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)
Rectangle A	30	20	0.5	600.00	4.45	0.00	4.46
Rectangle B	15	20	0.5	300.00	2.23	0.00	2.23
Rectangle C	10	20	0.5	200.00	1.48	0.00	1.49
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: 9/1/2023 4:42:31 PM

Total Volume Release, Soil not impacted:

7.7666

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:  Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 7/28/2023

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.

- ☐ 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

Printed Name: _____ Title: _____

Signature: *Jacques Henrich* Date: _____

email: _____ Telephone: _____

Received by: Shelly Wells Date: 7/28/2023

Closure Approved by: Shelly Wells Date: 9/1/2023

Printed Name: Shelly Wells Title: Environmental Specialist-Advanced

From: Wells, Shelly, EMNRD
Sent: Tuesday, July 18, 2023 10:49 AM
To: Conner Moehring
Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] COG - Switchback State 021H (06.22.23) - Liner Inspection Notification

Good morning 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.

Thanks,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Administrative Permitting Program
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: Tuesday, July 18, 2023 9:22 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Jacqui.Harris@conocophillips.com; Mike Carmona <Mcarmona@carmonaresources.com>; Devin Dominguez <Ddominguez@carmonaresources.com>
Subject: [EXTERNAL] COG - Switchback State 021H (06.22.23) - Liner Inspection Notification

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

Good Morning,

On behalf of COG, Carmona Resources will conduct a liner inspection at the below-referenced site on 7/21/23 around 8:30 a.m. Mountain Time. Please let me know if you have any questions.

COG Operating
Switchback State 021H (06.22.23)
NAPP2319134670
Eddy County, New Mexico
32.22533, -104.16825

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



APPENDIX C

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 1.02 Miles
- 1.03 Miles
- 1.08 Miles
- 1.18 Miles
- NMSEO Water Well
- Switchback State 21H Battery

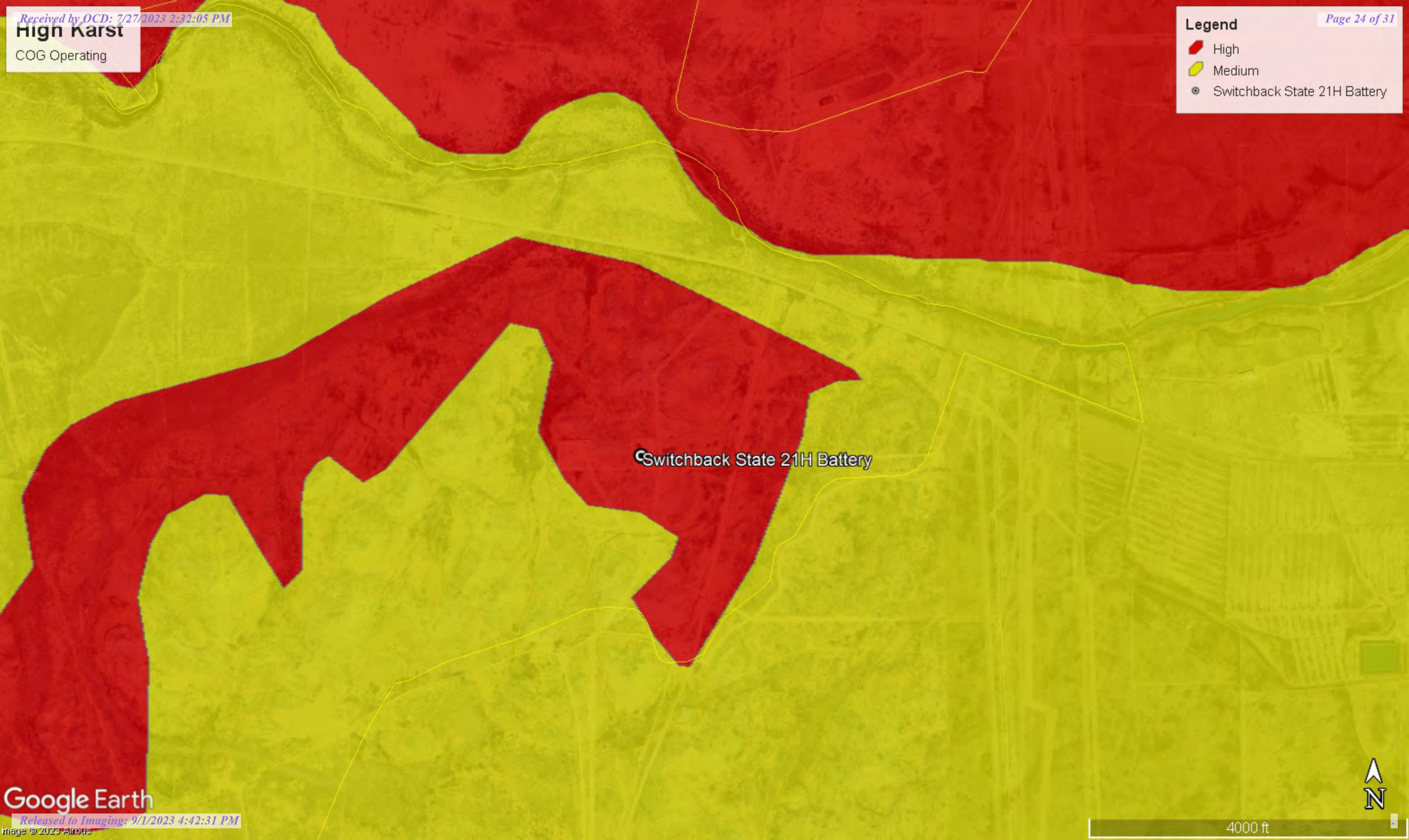


High Karst

COG Operating

Legend

- High
- Medium
- Switchback State 21H Battery



Switchback State 21H Battery





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 03147	C		ED	3	3	3	12	24S	27E	579885	3565715	1512	140		
C 03260 POD1	C		ED	3	3	3	12	24S	27E	579995	3565935	1636	80	56	24
C 00347		CUB	ED		1	1	13	24S	27E	580010	3565479*	1655	60	30	30
C 03260 POD2	O	C	ED	1	3	3	12	24S	27E	580100	3565984	1747	80	56	24
C 01943		C	ED			1	13	24S	27E	580221	3565275*	1902	30	25	5
C 00342	C	CUB	ED		4	1	13	24S	27E	580432	3565080*	2157	2565		
C 02976		C	ED	4	2	3	12	24S	27E	580519	3566195*	2198	57	27	30
C 00821		C	ED		3	2	09	24S	27E	575996	3566635*	2545	97	50	47
C 03037		C	ED	4	3	4	12	24S	27E	580930	3565795*	2559	116	25	91
C 03145		C	ED	3	1	4	13	24S	27E	580749	3564579*	2637	103	40	63
C 01452		C	ED				22	24S	27E	577435	3563175*	2713	95	70	25
C 00364	C	CUB	ED		1	2	09	24S	27E	575997	3567043*	2717	2270		
C 00850		C	ED		2	3	09	24S	27E	575595	3566223*	2821	108	35	73
C 03740 POD1		C	ED	4	4	4	12	24S	27E	581283	3565795	2912	340		
C 04147 POD1		CUB	ED	4	1	3	24	24S	27E	580101	3562969	3250	35		
C 03031		C	ED	1	3	3	35	23S	27E	578315	3569206*	3484	150	67	83
C 01366		CUB	ED			4	08	24S	27E	574590	3566003*	3792	60	35	25

Average Depth to Water: **43 feet**

Minimum Depth: **25 feet**

Maximum Depth: **70 feet**

Record Count: 17

UTMNAD83 Radius Search (in meters):

Easting (X): 578372

Northing (Y): 3565722

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.

7/6/23 7:31 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	03260 POD1	3	3	3	12	24S	27E	579995	3565935
<hr/>									
Driller License: 1348		Driller Company:		TAYLOR WATER WELL SERVICE					
Driller Name:									
Drill Start Date: 11/02/2008		Drill Finish Date:		11/02/2008		Plug Date:			
Log File Date: 11/07/2008		PCW Rev Date:				Source:		Shallow	
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size: 7.00		Depth Well:		80 feet		Depth Water:		56 feet	
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		59	64	Sandstone/Gravel/Conglomerate					
		70	76	Sandstone/Gravel/Conglomerate					
<hr/>									

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.

7/6/23 7:33 AM

POINT OF DIVERSION SUMMARY



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
C	00347	1	1	13	24S	27E	580010	3565479*	

Driller License: 24

Driller Company: BRININSTOOL, M.D.

Driller Name: BRININSTOOL, M.D.

Drill Start Date: 07/02/1974

Drill Finish Date: 06/25/1976

Plug Date:

Log File Date: 07/01/1976

PCW Rev Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield: 100 GPM

Casing Size: 4.25

Depth Well: 60 feet

Depth Water: 30 feet

Water Bearing Stratifications:

Top Bottom Description

48 54 Other/Unknown


*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.



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
C	03260 POD2	1	3	3	12	24S	27E	580100	3565984 
<hr/>									
Driller License: 1348		Driller Company:				TAYLOR WATER WELL SERVICE			
Driller Name:									
Drill Start Date: 11/02/2008		Drill Finish Date:				11/02/2008		Plug Date:	
Log File Date: 11/07/2008		PCW Rcv Date:						Source: Shallow	
Pump Type:		Pipe Discharge Size:						Estimated Yield:	
Casing Size:		Depth Well:				80 feet		Depth Water: 56 feet	
<hr/>									

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.

7/6/23 7:35 AM

POINT OF DIVERSION SUMMARY



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
C	01943			1	13	24S	27E	580221	3565275*
<hr/>									
Driller License:	961	Driller Company:		MAVERICK DRILLING					
Driller Name:	DON THOMPSON								
Drill Start Date:	09/15/1981	Drill Finish Date:		09/25/1981		Plug Date:			
Log File Date:	06/11/1982	PCW Rev Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 2 GPM			
Casing Size:		Depth Well:		30 feet		Depth Water: 25 feet			
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		0	10	Shallow Alluvium/Basin Fill					
		10	25	Other/Unknown					
		25	30	Sandstone/Gravel/Conglomerate					

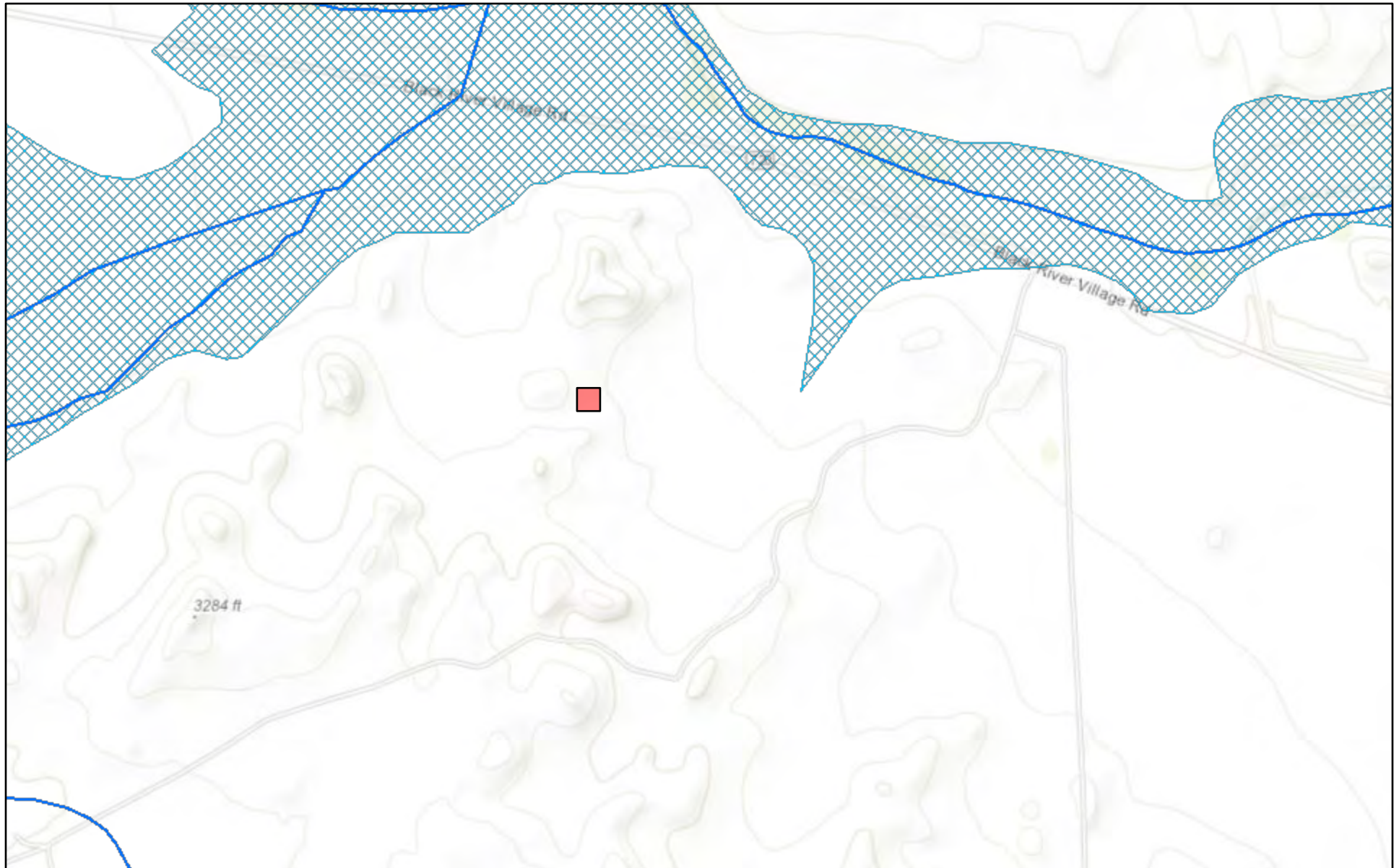
*UTM location was derived from PLSS - see Help

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.

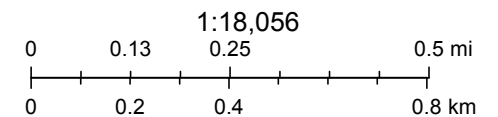
7/6/23 7:36 AM

POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



July 6, 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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District II
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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 245283

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 245283
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/1/2023