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	nAPP2316775818,
District RP	
Facility ID	fAPP2123930098
Application ID	

## **Release Notification**

### **Responsible Party**

Responsible Party: Cimarex Energy Co.			OGRID: 2	215099	
Contact Name: Laci Luig			Contact Telephone: (432) 571-7800		
Contact email: laci.luig(	@coterra.com			Incident #	# (assigned by OCD) nAPP2316775818,
Contact mailing address Midland, TX 79706	: 6001 Deauville I	Blvd., Suite 300N	1		
		Location	n of R	elease So	Source
Latitude 32.28166		(NAD 83 in a		Longitude - grees to 5 decim	-103.69614
Site Name: James 29 Fee	deral			Site Type: 1	:: Battery
Date Release Discovered	1: 6/16/2023			API# (if app	oplicable)
Unit Letter   Section   Township   Range		Coun	unty		
B 29	23S	32E	Lea		
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 Recovered (bbls) 0.25
Produced Water	Volume Releas	ed (bbls) 5			Volume Recovered (bbls) 5
Is the concentration of dissolved chloride produced water >10,000 mg/l?			in the	⊠ Yes □ No	
Condensate Volume Released (bbls)			Volume Recovered (bbls)		
☐ Natural Gas	Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)
Other (describe)	Volume/Weigh	t Released (provi	ide units)		Volume/Weight Recovered (provide units)
isolated and has been loo	bottom of the heat eked out. The cont	ainment will be v	washed a	nd a liner ins	e lined containment. The heater treater was drained, nspection scheduled.  arrels of water and ¼ barrel of oil

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Incident ID	nAPP2316775818,
District RP	
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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the re	sponsible party consider this a major release?		
☐ Yes ⊠ No				
If YES, was immediate no By: Gloria Garza To: OCD Enviro., BLM By: Email	otice given to the OCD? By whom? To	o whom? When and by what means (phone, email, etc)?		
	Initial	Response		
The responsible	varty must undertake the following actions immed	diately unless they could create a safety hazard that would result in injury		
The source of the rele	ease has been stopped.			
☐ The impacted area has been secured to protect human health and the environment.				
Released materials ha	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 <u>not</u> been undertaken, explain why:				
has begun, please attach	a narrative of actions to date. If remed	ace remediation immediately after discovery of a release. If remediation dial efforts have been successfully completed or if the release occurred C), please attach all information needed for closure evaluation.		
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release ment. The acceptance of a C-141 report by ate and remediate contamination that pose a	the best of my knowledge and understand that pursuant to OCD rules and notifications and perform corrective actions for releases which may endanger the OCD does not relieve the operator of liability should their operations have threat to groundwater, surface water, human health or the environment. In or of responsibility for compliance with any other federal, state, or local laws		
Printed Name: Laci Luig_		Title: ESH Specialist		
Signature:		Date: 6/16/2023		
email: laci.luig@coterra.c	com	Telephone: (432) 208-3035		
OCD Only				
Received by Shally Wa	ells	Date: 9/11/2023		
received by. Shelly We	·H0			

	Page 3 of 2	23
Incident ID	nAPP2316775818	
District RP		
Facility ID	fAPP2123930098	
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.

_713(ft bgs)				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ Yes ⊠ No				
☐ 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.				
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.

Received by OCD: 9/11/2023 10:16:51 AM Form C-141 State of New Mexico Oil Conservation Division Page 4

	Page 4 of	23
ID	nAPP2316775818	

Incident ID	nAPP2316775818
District RP	
Facility ID	fAPP2123930098
Application ID	

	otifications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In
Printed Name: Laci Luig	Title: ESH Specialist
Signature:	Date: 8/11/2023
email: laci.luig@coterra.com	Telephone: (432) 208-3035
OCD Only	
Received by: Shelly Wells	Date: 9/11/2023

Page 5 of 23

	- "8" - ")
Incident ID	nAPP2316775818
District RP	
Facility ID	fAPP2123930098
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 in	tems must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.1	1 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	C District office must be notified 2 days prior to final sampling)
☐ Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of	ntions. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in
Printed Name: Laci Luig	Title: ESH Specialist
Signature: Q Q C .	Date: 8/11/2023
email: laci.luig@coterra.com	Telephone: (432) 208-3035
OCD Only	
Received by: Shelly Wells	Date: 9/11/2023
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Shelly Wells	Date: 11/21/2023
Printed Name: Shelly Wells	Title: Environmental Specialist-Advanced

From: <u>Buchanan, Michael, EMNRD</u>

To: Laci Luig; Enviro, OCD, EMNRD; BLM Spill Notifications

Subject: RE: [EXTERNAL] nAPP2316775818 James 29 Federal Battery liner inspection

**Date:** Friday, June 30, 2023 11:53:36 AM

Attachments: image002.jpg image003.jpg

0.jpg

**WARNING:** This email originated from outside of Coterra Energy. Do not click links or open attachments unless you recognize the sender, are expecting the content and know it is safe.



#### Received.

Thank you for the notification. Please 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.

Mike Buchanan • Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

8801 Horizon Blvd. NE | Albuquerque, NM 87113

| michael.buchanan@emnrd.nm.gov http://www.emnrd.nm.gov/ocd\_



From: Laci Luig <Laci.Luig@coterra.com> Sent: Friday, June 30, 2023 9:40 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; BLM Spill Notifications

<BLM\_NM\_CFO\_Spill@blm.gov>

Subject: [EXTERNAL] nAPP2316775818 James 29 Federal Battery liner inspection

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

A liner inspection at Cimarex Energy's James 29 Federal Battery has been scheduled for Wednesday, July 5<sup>th</sup> at 1:30pm (MST).

Incident ID: nAPP2316775818 Coordinates: 32.28166, -104.69614

Thank you,



Laci Luig | Environmental, Health & Safety Specialist
T: 432.571.7810 | M: 432.208.3035 | <u>laci.luig@coterra.com</u> | <u>www.coterra.com</u>
Coterra Energy Inc. | 6001 Deauville Blvd., Suite 300N | Midland, TX 79706

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

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Square/Rectangle Contained Spill with Vessel Displacement

James 29 CTB

L(Ft) W(Ft) D(In) Oil %

60 50 .12 10

Tank Size (Ft) Tank Count

Tank OD Tank Count





H20 Spill Before Disp: 4.81

Tank Displacement Vol: 0.00

Oil Spill Total: 0.53

H20 Spill Total: 4.81

Total Bbls Spilled: 5.34

Total Gals Spilled: 224.40

Screenshot for future reference!



# **Liner Integrity Certification**

The following serves to verify that the affected liner has been inspected and found to be in serviceable condition in accordance with 19.15.29.11 A.(5)(a)(i-ii) of the New Mexico Administrative Code.

Facility ID: fAPP2123930098

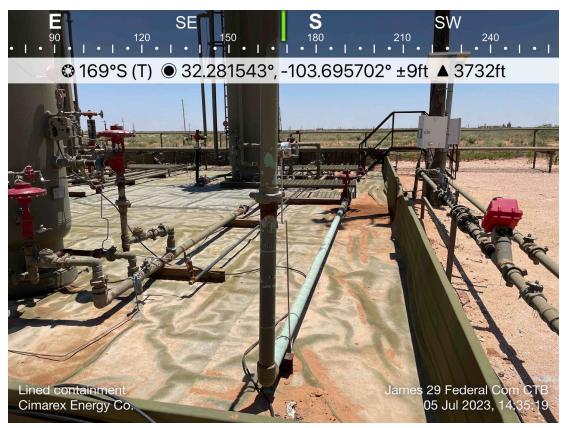
Date: 7/5/2023

Incident ID(s): nAPP2316775818

- ☑ Responsible Party has visually inspected the liner.
- ✓ Liner remains intact and was able to contain the leak in question.
- At least two business days' notice was given to the appropriate division district office before conducting the liner inspection.
- ☑ Photographs illustrating liner integrity are included.

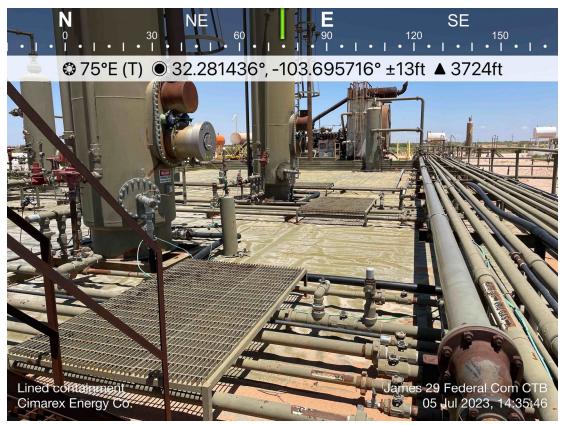












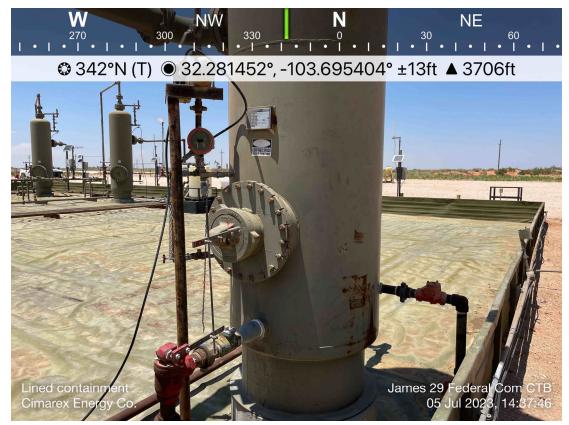




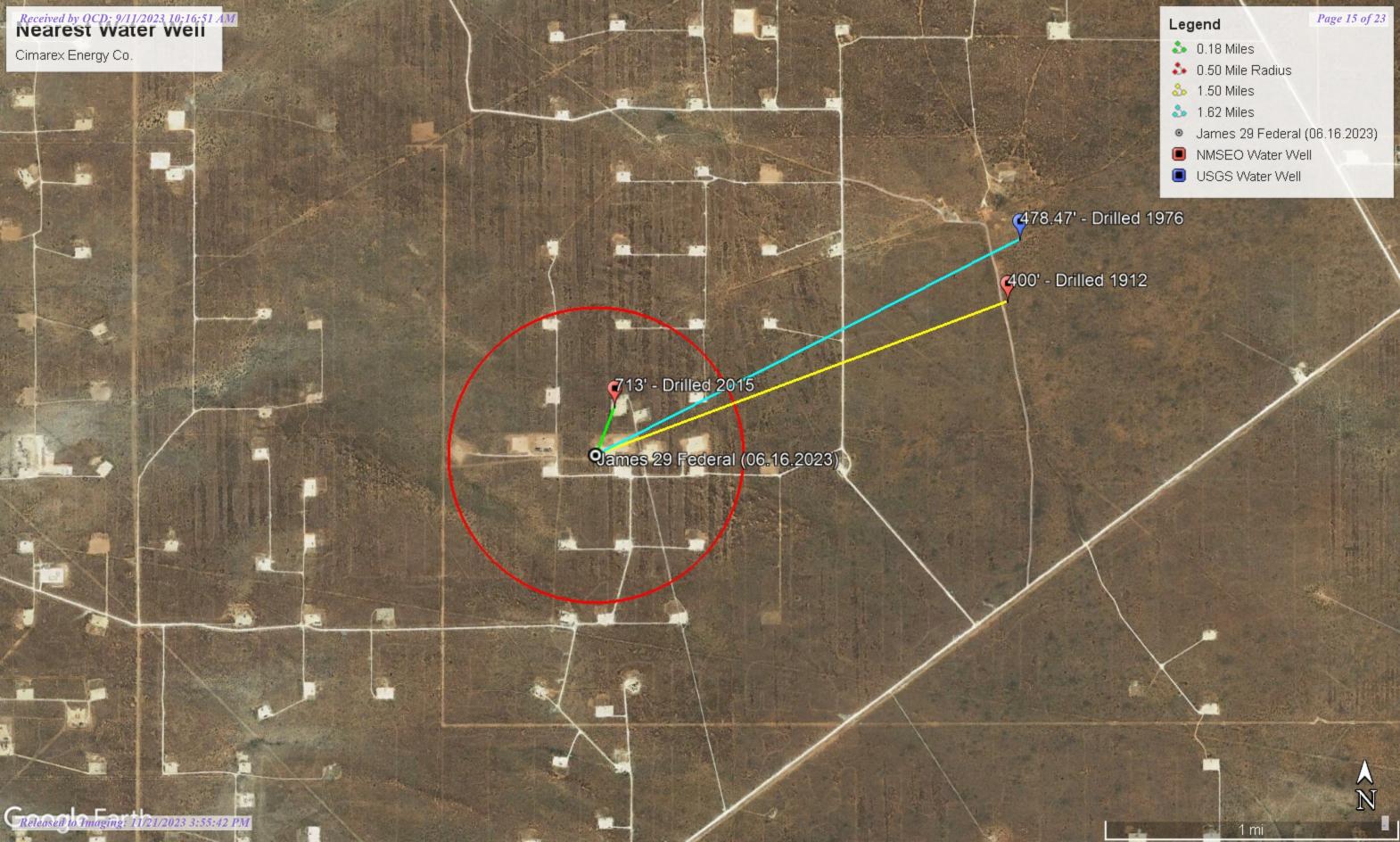
















## New Mexico Office of the State Engineer

## **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

C 03851 POD1 20

622880 3572660

**Driller License:** 1723 **Driller Company:** SBO2, LLC DBA STEWART BROTHERS DRILLING

**Driller Name:** 

32E

**Drill Start Date:** 08/19/2015 Log File Date: 11/10/2015

10/02/2015 **Drill Finish Date:** 

CO.

Plug Date:

Artesian

**PCW Rcv Date:** 

Source:

**Pump Type: Casing Size:** 

Pipe Discharge Size:

Depth Well:

1392 feet

Depth Water:

Estimated Yield: 3 GPM

Water Bearing Stratifications:

5.00

713 feet

Top **Bottom Description** 1354 1380 Limestone/Dolomite/Chalk

**Casing Perforations:** 

**Bottom** 

Top 1354 1383

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.

8/11/23 12:29 PM

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

Q64 Q16 Q4 Sec Tws Rng

X Y

C 03851 POD1 3 3 4 20 23S

622880 3572660

Driller License: 1723 Driller Company: SBQ2, LLC DBA STEWART BROTHERS DRILLING

Driller Name:

CO.

**Drill Start Date:** 08/19/2015

10/02/2015

Plug Date:

Artesian

Log File Date:

11/10/2015

PCW Rcv Date:

Source:

Estimated Yield: 3 GPM

Pump Type: Casing Size:

5.00

Pipe Discharge Size: Depth Well:

1392 feet

Depth Water:

713 feet

Water Bearing Stratifications:

Top Bottom Description

n

10 1000

water bearing stratifications.

1354

1380 Limestone/Dolomite/Chalk

**Casing Perforations:** 

**Top** 1

**Bottom**4 1383

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, or suitability for any particular purpose of the data.

8/7/23 3:21 PM

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 T

Q64 Q16 Q4 Sec Tws Rng

X Y

625035 3573261\*

**Driller License:** 

C 02216

**Driller Name:** UNKNOWN

Drill Start Date: Drill Finish Date: 12/31/1912 Plug Date:
Log File Date: PCW Rcv Date: Source:

**Driller Company:** 

Pump Type:Pipe Discharge Size:Estimated Yield:7 GPMCasing Size:6.50Depth Well:585 feetDepth Water:400 feet

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8/7/23 3:22 PM

POINT OF DIVERSION SUMMARY

<sup>\*</sup>UTM location was derived from PLSS - see Help



**USGS Home Contact USGS** Search USGS

**National Water Information System: Web Interface** 

**USGS** Water Resources



### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> 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: <u>Next Generation Monitoring Location Page</u>

### Search Results -- 1 sites found

Agency code = usgs site\_no list =

321732103401701

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 321732103401701 23S.32E.21.223444

Lea County, New Mexico

Latitude 32°17'32", Longitude 103°40'17" NAD27

Land-surface elevation 3,682 feet above NAVD88

The depth of the well is 550 feet below land surface.

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) 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 measure
1972-09-21		D	62610		3199.51	NGVD29	Р	Z		
1972-09-21		D	62611		3201.25	NAVD88	Р	Z		
1972-09-21		D	72019	480.75			Р	Z		
1976-12-07		D	62610		3201.79	NGVD29	1	Z		
1976-12-07		D	62611		3203.53	NAVD88	1	Z		
1976-12-07		D	72019	478.47			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

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	Α	Approved for publication Processing and review completed.

**Questions or Comments Automated retrievals** <u>Help</u> **Data Tips Explanation of terms** Subscribe for system changes <u>News</u>

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey
Title: Groundwater for New Mexico: Water Levels

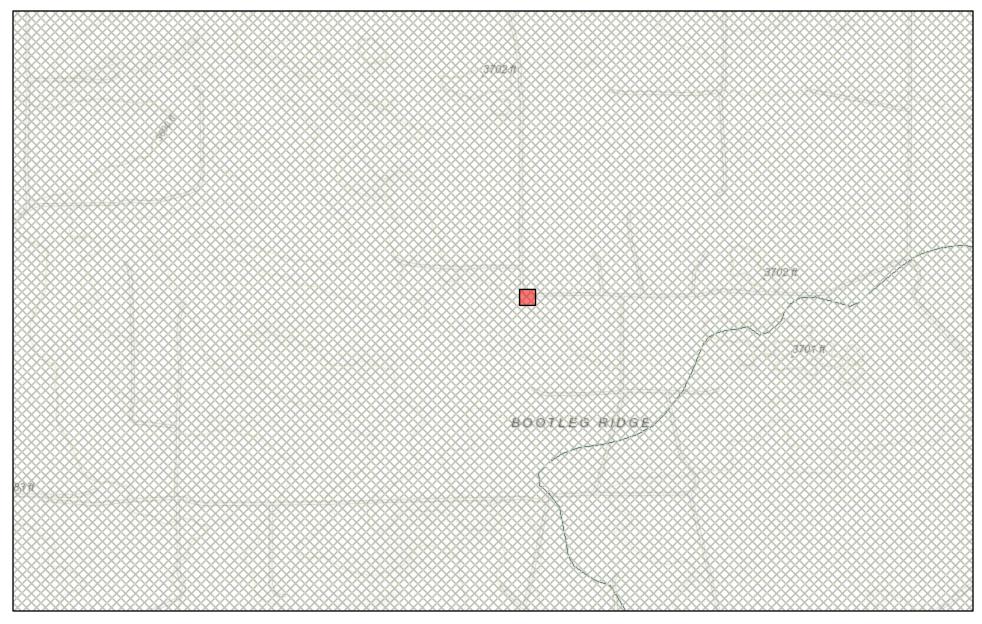
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2023-08-07 17:26:18 EDT

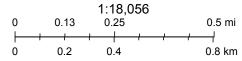
0.3 0.26 nadww01



## New Mexico NFHL Data



August 7, 2023



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

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

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 263743

### **CONDITIONS**

Operator:	OGRID:
CIMAREX ENERGY CO.	215099
6001 Deauville Blvd	Action Number:
Midland, TX 79706	263743
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/21/2023