General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 502107

## **QUESTIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	502107
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

## QUESTIONS

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Cutbow West CTB 1	
Date Release Discovered	09/02/2024	
Surface Owner	Federal	

Incident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications t	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 12 BBL   Recovered: 12 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Cutbow West CTB. The seal on the water transfer had blown out, resulting in the release of 12 barrels produced water into the lined containment. All fluids remained inside the containment and recovered with vac trucks. The containment will be washed, and a liner inspection will be scheduled in the coming weeks.

General Information Phone: (505) 629-6116

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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 502107

	QUESTIONS (continued)
ator:	

ı	Operator.	OGRID.
ı	Avant Operating, LLC	330396
ı	6001 Deauville Blvd	Action Number:
ı	Midland, TX 79706	502107
ı		Action Type:
ı		[NOTIFY] Notification Of Release (NOR)
	OUTOTIONO	

## QUESTIONS

Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No	
Reasons why this would be considered a submission for a notification of a major release  With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	Unavailable.	

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	True		
The impacted area has been secured to protect human health and the environment	True		
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True		
All free liquids and recoverable materials have been removed and managed appropriately	True		
If all the actions described above have not been undertaken, explain why	Not answered.		

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 502107

## **ACKNOWLEDGMENTS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	502107
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

## ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
V	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
14/	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.
V	I acknowledge the fact that 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.
V	I acknowledge the fact that, 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.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 502107

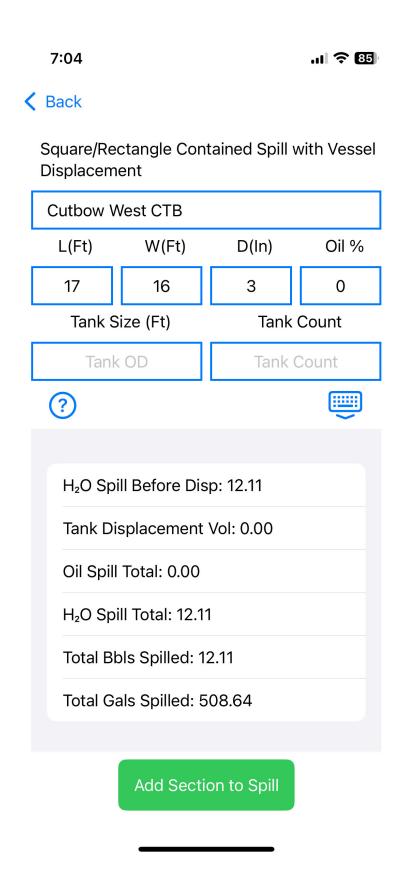
## **CONDITIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	502107
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

## CONDITIONS

Created	Condition	Condition	
Ву		Date	ı
lluig	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/3/2025	Ī

## AVANT OPERATING CUTBOW WEST CTB 1 LEA, NM



## AVANT OPERATING CUTBOW WEST CTB 1 LEA, NM





Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 503639

## **QUESTIONS**

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	6001 Deauville Blvd	Action Number:
ı	Midland, TX 79706	503639
ı		Action Type:
ı		[C-141] Initial C-141 (C-141-v-Initial)

## QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2524621613
Incident Name	NAPP2524621613 CUTBOW WEST CTB 1 @ FAPP2318749411
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2318749411] Cutbow West CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Cutbow West CTB 1
Date Release Discovered	09/02/2025
Surface Owner	Federal

Incident Details		
Please answer all the questions in this group.		
Incident Type	Produced Water Release	
Did this release result in a fire or is the result of a fire	No	
Did this release result in any injuries	No	
Has this release reached or does it have a reasonable probability of reaching a watercourse	No	
Has this release endangered or does it have a reasonable probability of endangering public health	No	
Has this release substantially damaged or will it substantially damage property or the environment	No	
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No	

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 12 BBL   Recovered: 12 BBL   Lost: 0 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Cutbow West CTB. The seal on the water transfer had blown out, resulting in the release of 12 barrels produced water into the lined containment. All fluids remained inside the containment and recovered with vac trucks. The containment will be washed, and a liner inspection will be scheduled in the coming weeks.	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 503639

**QUESTIONS** (continued)

Q02011	Orto (continuou)
Operator:	OGRID: 330396
Avant Operating, LLC 6001 Deauville Blvd	Action Number:
Midland, TX 79706	503639
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com

General Information Phone: (505) 629-6116

storage site

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

## **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe. NM 87505**

QUESTIONS, Page 3

Action 503639

**QUESTIONS** (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	503639
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

### QUESTIONS Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Not answered Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered.

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	No	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 503639

## **CONDITIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	503639
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

## CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/8/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 504071

## **QUESTIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	504071
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

## QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2524621613
Incident Name	NAPP2524621613 CUTBOW WEST CTB 1 @ FAPP2318749411
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2318749411] Cutbow West CTB 1

Location of Release Source					
Site Name	Cutbow West CTB 1				
Date Release Discovered	09/02/2025				
Surface Owner	Federal				

Liner Inspection Event Information							
Please answer all the questions in this group.							
What is the liner inspection surface area in square feet	3,900						
Have all the impacted materials been removed from the liner	Yes						
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/11/2025						
Time liner inspection will commence	09:00 AM						
Please provide any information necessary for observers to liner inspection	DANGEROUS H2S LEVELS Inspection will take place in the eastern containment area						
Please provide any information necessary for navigation to liner inspection site	32.626464, -103.721778						

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 504071

## **CONDITIONS**

Operator:	OGRID:		
Avant Operating, LLC	330396		
6001 Deauville Blvd	Action Number:		
Midland, TX 79706	504071		
	Action Type:		
	[NOTIFY] Notification Of Liner Inspection (C-141L)		

## CONDITIONS

Creat By	d Condition	Condition Date
lluiç	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	9/9/2025

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 507398

## **QUESTIONS**

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	6001 Deauville Blvd	Action Number:
ı	Midland, TX 79706	507398
ı		Action Type:
ı		[NOTIFY] Notification Of Liner Inspection (C-141L)

## QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2524621613					
Incident Name	NAPP2524621613 CUTBOW WEST CTB 1 @ FAPP2318749411					
Incident Type	Produced Water Release					
Incident Status	Initial C-141 Approved					
Incident Facility	[fAPP2318749411] Cutbow West CTB 1					

Location of Release Source					
Site Name	Cutbow West CTB 1				
Date Release Discovered	09/02/2025				
Surface Owner	Federal				

Liner Inspection Event Information							
Please answer all the questions in this group.							
What is the liner inspection surface area in square feet	3,900						
Have all the impacted materials been removed from the liner	Yes						
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/24/2025						
Time liner inspection will commence	11:30 AM						
Please provide any information necessary for observers to liner inspection	DANGEROUS H2S LEVELS Inspection will take place in the eastern containment area						
Please provide any information necessary for navigation to liner inspection site	32.626464, -103.721778						

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 507398

## **CONDITIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	507398
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

## CONDITIONS

Crea By		Condition Date
llu	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	9/19/2025



## **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: fAPP2318749411

Date: 09/24/2025

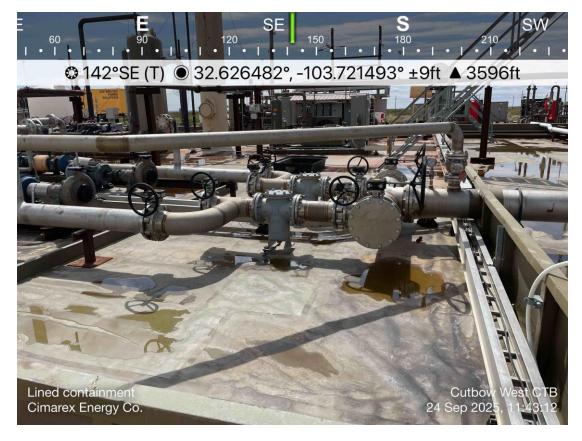
Incident ID(s): nAPP2524621613

- ☑ 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.

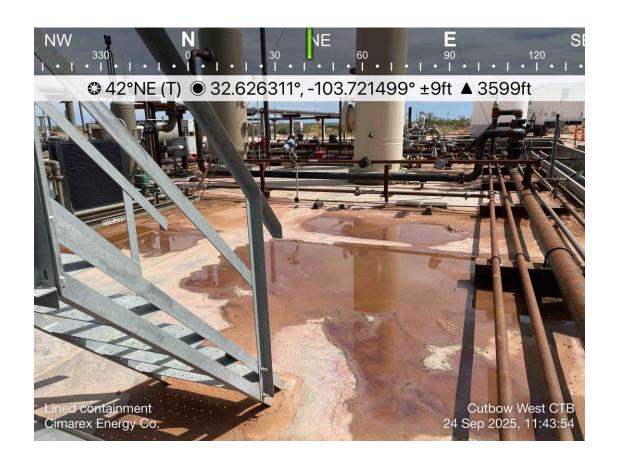


\*Site shows containment of afternoon showers that occurred on 09.23.2025\*











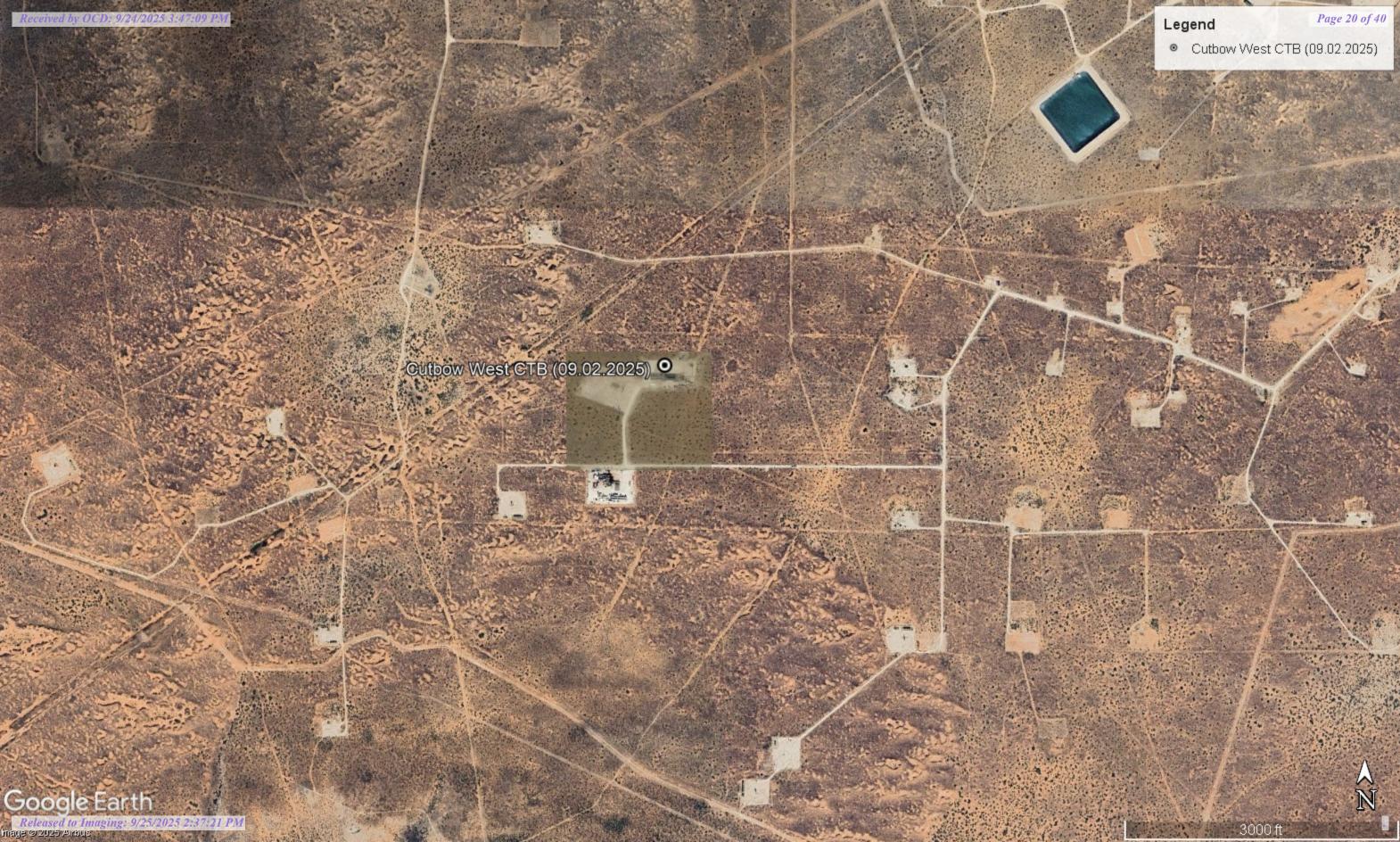




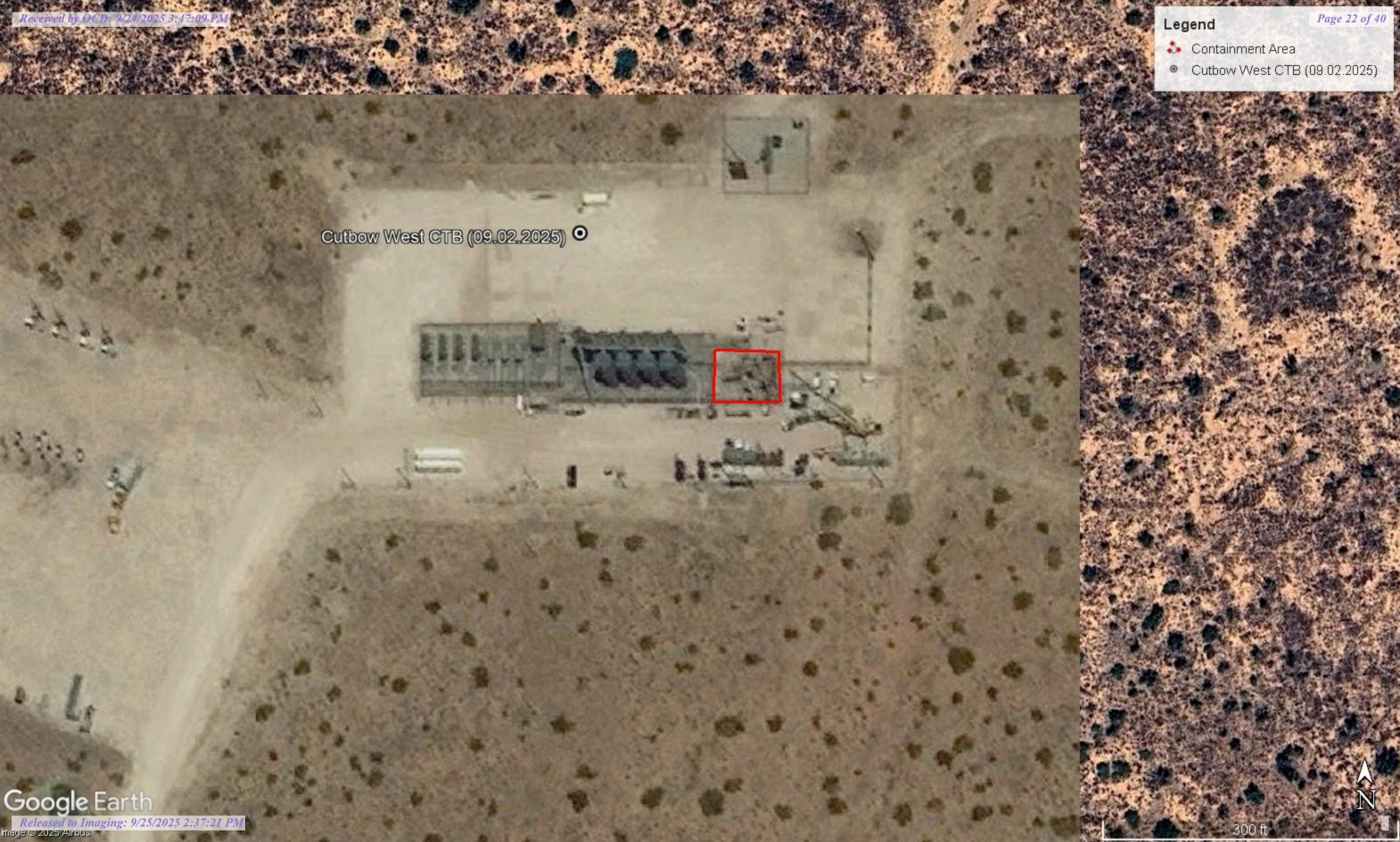


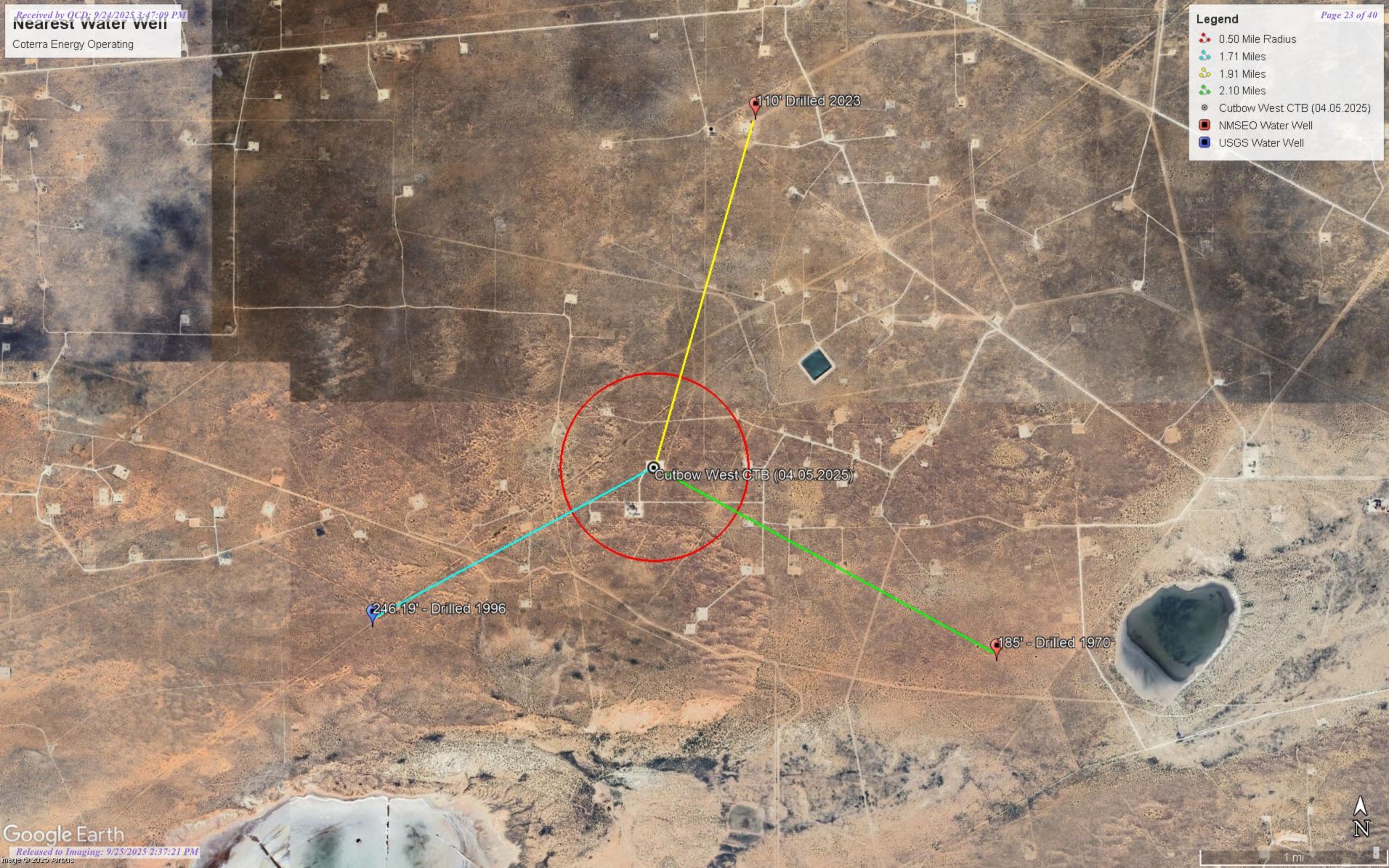
















## New Mexico Office of the State Engineer

## 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.)

**POD Number** 

CP 01967 POD1

CP 00075

L 07023

(R=POD has been replaced, O=orphaned, C=the file is closed)

Code

0

Sub

CP

CP

basin Count LE

LE

LE

(quarters are

SW

SW 32

NE

	smallest to largest)									(meters)	(In feet)		
ty	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance		Depth Water	
		NE	SE	34	19S	32E	617502.0	3609301.0	•	2731	575		
	NE	NE	NE	24	19S	32E	620719.8	3613546.4	•	3063	110		

622840.0 3609047.0 \*

Average Depth to Water: **185 feet** 

262

3313

Minimum Depth: 185 feet

185

77

Maximum Depth: 185 feet

**Record Count:** 3

<u>UTM Filters (in meters):</u>

**Easting:** 619908.91 **Northing:** 3610592.17

**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.

19S 33E



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.

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 =

• 323641103444801

### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

## USGS 323641103444801 19S.32E.34.42322

Lea County, New Mexico

Table of data

Latitude 32°36'53", Longitude 103°44'52" NAD27

Land-surface elevation 3,559.00 feet above NGVD29

The depth of the well is 575 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

## **Output formats**

<u> Tab-separate</u>	d data									
Graph of dat	<u>a</u>									
Reselect peri	<u>od</u>									
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
1965-11-18		D	62610		3295.16	NGVD29	1	Z	7	
1965-11-18		D	62611		3296.72	NAVD88	1	Ž	7	
1965-11-18		D	72019	263.84			1	Ž	7	
1968-06-27		D	62610		3303.50	NGVD29	1	Ž	7	
1968-06-27		D	62611		3305.06	NAVD88	1	Ž	7	
1968-06-27		D	72019	255.50			1	Ž	7	
1971-01-28		D	62610		3306.73	NGVD29	1	Z	7	
1971-01-28		D	62611		3308.29	NAVD88	1	- 2	7	
1971-01-28		D	72019	252.27			1	Z	7	
1976-12-14		D	62610		3311.62	NGVD29	1	- 2	7	
1976-12-14		D	62611		3313.18	NAVD88	1	- 2	7	
1976-12-14		D	72019	247.38			1	Z	7_	
1986-03-27		D	62610		3310.26	NGVD29	1	Ž	7	
1986-03-27		D	62611		3311.82	NAVD88	1	Ž	7	
1986-03-27		D	72019	248.74			1	Z	7	

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
1001 05 24		-	62610		2210.46	NCVD20		-	,	
1991-05-24		D	62610		3310.46	NGVD29	1	Z		
1991-05-24		D	62611		3312.02	NAVD88	1	Z		
1991-05-24		D	72019	248.54			1	Z	:	
1996-02-06		D	62610		3312.81	NGVD29	1	S	;	
1996-02-06		D	62611		3314.37	NAVD88	1	S	;	
1996-02-06		D	72019	246.19			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	А	Approved for publication Processing and review completed.

Questions or Comments
Help
Data Tips
Explanation of terms
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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

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

Page Contact Information: <u>New Mexico Water Data Maintainer</u>

Page Last Modified: 2025-04-03 10:41:21 EDT

0.3 0.23 nadww01



ė.	OSE POD NO	O. (WELL NO	.)	WELL TAG ID NO.	T	OSE FILE NO	s). C )	10. 1	
TION						OSE FILE NO(S).  CP-1967  PHONE (OPTIONAL)			
LOCA	WELL OWNI Hearthston	e Operatin	ig, LLC			1110112 (0111	O.V.I.D.)		
AND WELL LOCATION	WELL OWN 600 N. Mai	er mailing rienfeld, S	ADDRESS uite 1000		N	CITY Midland		TX 79701	ZIP
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1.6	DESCRIPTION	ON RELATIN	NO WELL LOCATION TO	STREET ADDRESS AND COMMON LANDS	MARKS - PLSS	(SECTION, TO	wnshjip, kange) wh	ERE AVAILABLE	
	LICENSE NO WD-1	670	NAME OF LICENSED	DRILLER Kenny Cooper			NAME OF WELL DRI	ILLING COMPANY HCI Drilling	
	DRILLING S' 06/13/	TARTED 2023	DRILLING ENDED 06/13/2023	DEPTH OF COMPLETED WELL (FT)	BORE HOLE	E DEPTH (FT) 10'	DEPTH WATER FIRS	ST ENCOUNTERED (FT N/A	)
NC	COMPLETED WELL IS: ARTESIAN *add Centralizer info b			DRY HOLE SHALLOW (UNCONFINED) IN COM			C WATER LEVEL DATE STATIC MEASURE MPLETED WELL		
ATIC	DRILLING FI	LUID:	✓ AIR	MUD ADDITIVES – SPECIFY:			CHECK HERE UPPITLESS ADAPTER IS		
ORM	DRILLING METHOD:   ROTARY								PTER IS
DRILLING & CASING INFORMATION	FROM TO D		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CONNE	SING ECTION PE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
& CA	0	90	6	PVC		FJ	2	Sch 40	
LING	90	110	6	PVC	F	FJ	2	Sch 40	.010
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				LICT AMMILIAD CEAL MATERIAL AN	ND CRAVEL	DACK SIZE			
7	DEPTH (		BORE HOLE DIAM. (inches) LIST ANNULAR SEAL MATERIAL AND GRAVEL RANGE BY INTERVAL			AMOUNT MI		METHO PLACEN	
ANNULAR MATERIAL	FROM N/A	ТО	DIAW. (Inches)	*(if using Centralizers for Artesian wells-	- indicate the s	pacing below)	(cubic feet)	PLACEN	AEN I
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POD NO.

LOCATION MON 19.32.24.222 Released to Imaging: 9/25/2025 2:37:21 PM

FILE NO. CP- 1967-POD 1

TRN NO. PAGE 1 OF 2 WELL TAG ID NO.

	DEPTH (feet bgl)  FROM TO (feet)			COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONE (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	0	5	5	Caliche	Y N	V K V I	
	5	25	20	Sand	Y N		
	25	65	45	Sand/Sandstone	Y N		
	45	95	50	Sand/Sandy Clay	Y N		
	95	110	15	Sand	Y N		
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	PUMI	Р <b>П</b> А	IR LIFT	BAILER OTHER – SPECIFY:	WELL YIELD (gpm):		
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SIGNATURE	K	/ ^ (		Kenny Cooper	06/22/2023		
	10	SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME	DATE		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Vers	sion 09/22/2022)	
FILE NO.	POD NO.		TRN NO.	
LOCATION		WELL	TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

## STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

746698

File Nbr:

CP 01967

Well File Nbr: CP 01967 POD1

Jun. 28, 2023

CHRIS MARIN EARTHSTONE OPERATING LLC 600 N MARIENFELD SUITE 1000

79701 MIDLAND, TX

Greetings:

The above numbered permit was issued in your name on 05/12/2023.

The Well Record was received in this office on 06/28/2023, stating that it had been completed on 06/13/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 05/11/2024.

If you have any questions, please feel free to contact us.

Sincerely,

Maret Thompson (575)622-6521

drywell



## STATE ENGINEER OFFICE



## WELL RECORD

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1	-	1011 112 411		J Heec	-	•		- 4455	
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Section 6

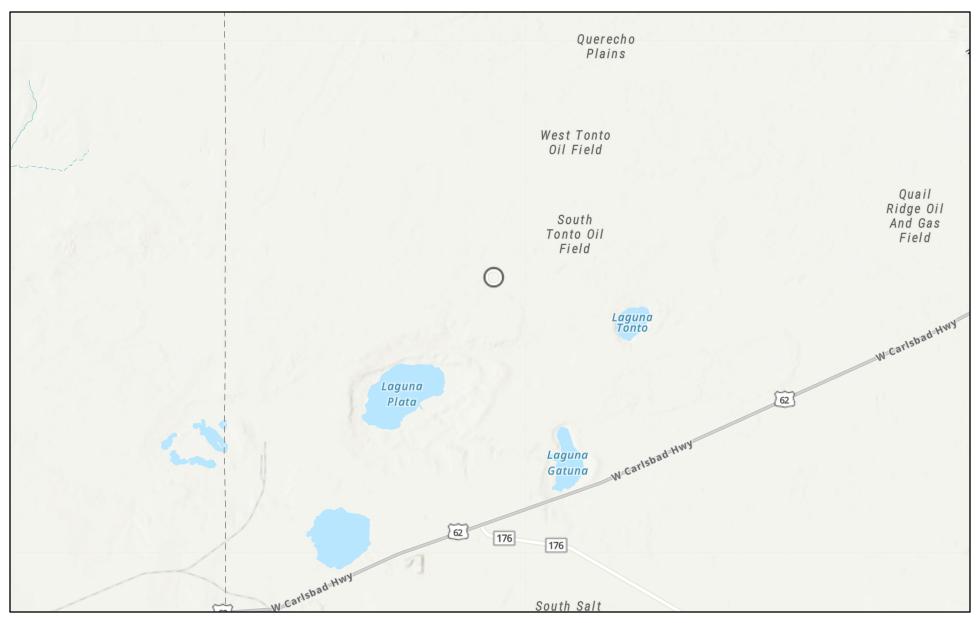
LOG OF WELL

Depth in Feet		Thickness	Color Type of Material Encountered			
From	То	in Feet	Color	ARM THE PROPERTY OF THE PROPER		
0	1	1	brown	soil		
<u>l</u> '	30	29	gray	caliche		
30	90	30	brown	sand (tight)		
90 .	185	· 95	brówn!	sand		
185	214	29	brown	sand water		
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The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Mell Driller

## Cutbow West CTB (04.05.2025)



4/9/2025

World\_Hillshade

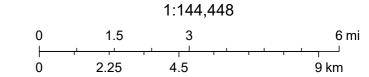


Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

## Cutbow West CTB (04.05.2025)



4/9/2025, 2:39:07 PM



Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 509159

## **QUESTIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	509159
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Prerequisites			
Incident ID (n#)	nAPP2524621613		
Incident Name	NAPP2524621613 CUTBOW WEST CTB 1 @ FAPP2318749411		
Incident Type	Produced Water Release		
Incident Status	Remediation Closure Report Received		
Incident Facility	[fAPP2318749411] Cutbow West CTB 1		

Location of Release Source			
Please answer all the questions in this group.			
Site Name	Cutbow West CTB 1		
Date Release Discovered	09/02/2025		
Surface Owner	Federal		

Incident Details					
Please answer all the questions in this group.					
Incident Type	Produced Water Release				
Did this release result in a fire or is the result of a fire	No				
Did this release result in any injuries	No				
Has this release reached or does it have a reasonable probability of reaching a watercourse	No				
Has this release endangered or does it have a reasonable probability of endangering public health	No				
Has this release substantially damaged or will it substantially damage property or the environment	No				
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No				

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pump   Produced Water   Released: 12 BBL   Recovered: 12 BB   Lost: 0 BBL.				
Is the concentration of chloride in the produced water >10,000 mg/l	Yes				
Condensate Released (bbls) Details	Not answered.				
Natural Gas Vented (Mcf) Details	Not answered.				
Natural Gas Flared (Mcf) Details	Not answered.				
Other Released Details	Not answered.				
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Cutbow West CTB. The seal on the water transfer had blown out, resulting in the release of 12 barrels produced water into the lined containment. All fluids remained inside the containment and recovered with vac trucks. The containment will be washed, and a liner inspection will be scheduled in the coming weeks.				

General Information Phone: (505) 629-6116

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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 2

Action 509159

QUESTI	ONS (continued)
Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396 Action Number: 509159 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 09/24/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 509159

**QUESTIONS** (continued)

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	509159
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	09/03/2025
On what date will (or did) the final sampling or liner inspection occur	09/24/2025
On what date will (or was) the remediation complete(d)	09/03/2025
What is the estimated surface area (in square feet) that will be remediated	3900
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at t	he time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 9/25/2025 2:37:21 PM

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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 509159

**QUESTIONS** (continued)

ı	Operator:	OGRID:
ı	Avant Operating, LLC	330396
ı	6001 Deauville Blvd	Action Number:
ı	Midland, TX 79706	509159
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	Not answered.
1 /	Not answered.  Afforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement

Name: Ashton Thielke Title: EHS Specialist

Email: Ashton.Thielke@coterra.com

Date: 09/24/2025

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory <a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 509159

QUESTIONS (con	tinuea)
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Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	509159
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
OUTOTIONO	

### QUESTIONS

Liner Inspection Information		
Last liner inspection notification (C-141L) recorded	507398	
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/24/2025	
Was all the impacted materials removed from the liner	Yes	
What was the liner inspection surface area in square feet	3900	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
What was the total surface area (in square feet) remediated	3900	
What was the total volume (cubic yards) remediated	0	
Summarize any additional remediation activities not included by answers (above)	The containment was washed prior to the inspection taking place. The night before the inspection took place (09.23.2025), a rain event took place. The liner demonstrates that it can hold water with standing fluid being held inside the containment.	

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 (in .pdf format) 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.

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.

Name: Ashton Thielke
Title: EHS Specialist
Email: Ashton.Thielke@coterra.com
Date: 09/24/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 509159

## **CONDITIONS**

Operator:	OGRID:
Avant Operating, LLC	330396
6001 Deauville Blvd	Action Number:
Midland, TX 79706	509159
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

## CONDITIONS

C B		Condition	Condition Date
	nvelez	Liner inspection approved, release resolved. Restoration complete.	9/25/2025