ABOVEGROUND SPILL AMOUNT CALCULATION FORMULA Volume = Length of spill X Width of spill X Thickness of spill 5.61 cuft/bbl HOW LONG (in FEET) 40 HOW WIDE (in FEET) 25 HOW THICK (in INCHES) 1 SPILL VOLUME IN BBLS 14.85 SPILL VOLUME IN GALS 623.9 NOTE: Fractions of feet or inches need to be in decimals, ex. 1/2 is 0.5. USE THIS CALCULATOR FOR ABOVEGROUND RELEASE VOLUMES Includes fluids/mud/soil/etc. that is in containment or has not percolated down into the ground.



August 18, 2025

Civitas Permian Operating, LLC 6301 Holiday Hill Rd. Unit 201 Midland, TX 79707

Attn: Mr. Mason Jones

RE: Site Assessment – Liner Inspection Summary

Newman Cosmo Battery Incident No. nAPP2522026499 Tasman Project No. 8999

UL "G", Sec. 33, Township 24 South, Range 35 East, Lea County, New Mexico

Mr. Jones

Tasman, Inc. is submitting this Liner Inspection Summary to outline response actions conducted by and on behalf of Civitas Permian Operating, LLC (Civitas) at the above-referenced site. Activities were conducted in accordance with NMOCD regulations for reportable releases to the environment. The activities conducted are described below – supporting information is provided in the attached figure(s), table(s), and appendices.

Site Description

The site is located in Unit Letter "G", Section 33, Township 24 South, Range 35 East, in Lea County, New Mexico. The release occurred from a Civitas owned and operated Central Tank Battery (CTB) on private property.

On August 7, 2025, an equipment failure developed releasing 15 barrels (bbls) of the hydrogen sulfide (H₂S) scavenger system into lined containment. A vacuum truck was immediately dispatched to the site to recover free-standing fluids; approximately 15 bbls of released fluids were recovered. Civitas provided Initial Form C-141 to the New Mexico Oil Conservation Division (NMOCD) portal on August 8, 2025, the release was assigned incident number nAPP2522026499.

Proximity to Sensitive Receptors and Site Characteristics Summary

Tasman reviewed available depth to groundwater information available through the New Mexico Office of the State Engineer (NMOSE) and the United States Geologic Survey (USGS) for registered water wells within a half-mile radius of the site. The nearest well with available groundwater level data is located 0.86 miles southeast of the site, identified as

USGS 321008103212701. Depth to groundwater was measured at 147 feet below ground surface (ft bgs) in 1981.

The Site Location & Groundwater Map included as Figure 1 illustrates the location of the registered water wells within the vicinity of the site, and a summary of depth to groundwater information is provided as Appendix A.

Tasman reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and surface water in the vicinity of the site. The nearest wetland, riverine, is located approximately 0.58 miles from the site. The nearest significant surface water was identified as Old Lake, located approximately 5.43 miles from the site. The location of the nearest wetland and surface water body can be seen on Figures 1 and 3, respectively.

Tasman utilized the publicly available karst potential map published by the Bureau of Land Management (BLM) Carlsbad Field Office (CFO) to determine the potential for encountering karst formations beneath the site. Review of the BLM CFO karst potential map indicates that the site is not located in an area of high potential to encounter karstic features.

Tasman utilized the USGS Mineral Resources database to determine that there are no subsurface mines beneath or in the vicinity of the site.

Areas of high/critical karst and subsurface mine locations are illustrated on Figure 2.

The table below denotes if the site is located within the minimum allowable distance from a sensitive receptor, as defined in New Mexico Administrative Code (NMAC) 19.15.29.

Site Characteristics Summary		
Approximate depth to groundwater:	147 1	t bgs
Within an area of high karst potential?	☐ Yes	☑ No
Within 300 ft. of any continuously flowing of significant watercourse?	☐ Yes	☑ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes	☑ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes	☑ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes	☑ No
Within 1,000 ft. of any fresh water well?	☐ Yes	☑ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes	☑ No
Within 300 ft. of a wetland?	☐ Yes	☑ No
Within the area overlying a subsurface mine?	☐ Yes	☑ No
Within an unstable area?	☐ Yes	☑ No
Within a 100-year floodplain?	☐ Yes	☑ No

Site Assessment and Liner Inspection Activities

On August 13, 2025, Tasman personnel conducted site evaluation of the release extent based on the information provided on Form C-141. A site assessment and liner inspection were conducted of the lined containment. Assessment and observation of the site confirmed no visible staining or releases outside of the lined containment. During inspection of the liner, no visible tears or other damage were observed. Photographic documentation from the liner inspection is provided in Appendix B, and overview of the containment in figure 5.

Based on the information provided herein, the release was entirely contained within the lined containment, and the liner integrity is sound. Tasman recommends that no further action be taken regarding the release of produced water at the site.

Sincerely,

Travis Casey
Project Manager
tcasey@tasman-geo.com

Brett Dennis
Program Manager
bdennis@tasman-geo.com

Attachments:

Figures

Figure 1 – Site Location & Groundwater Map

Figure 2 – Karst Potential & Subsurface Mine Map

Figure 3 – Surface Water Map

Figure 4 – FEMA FIRMete Map

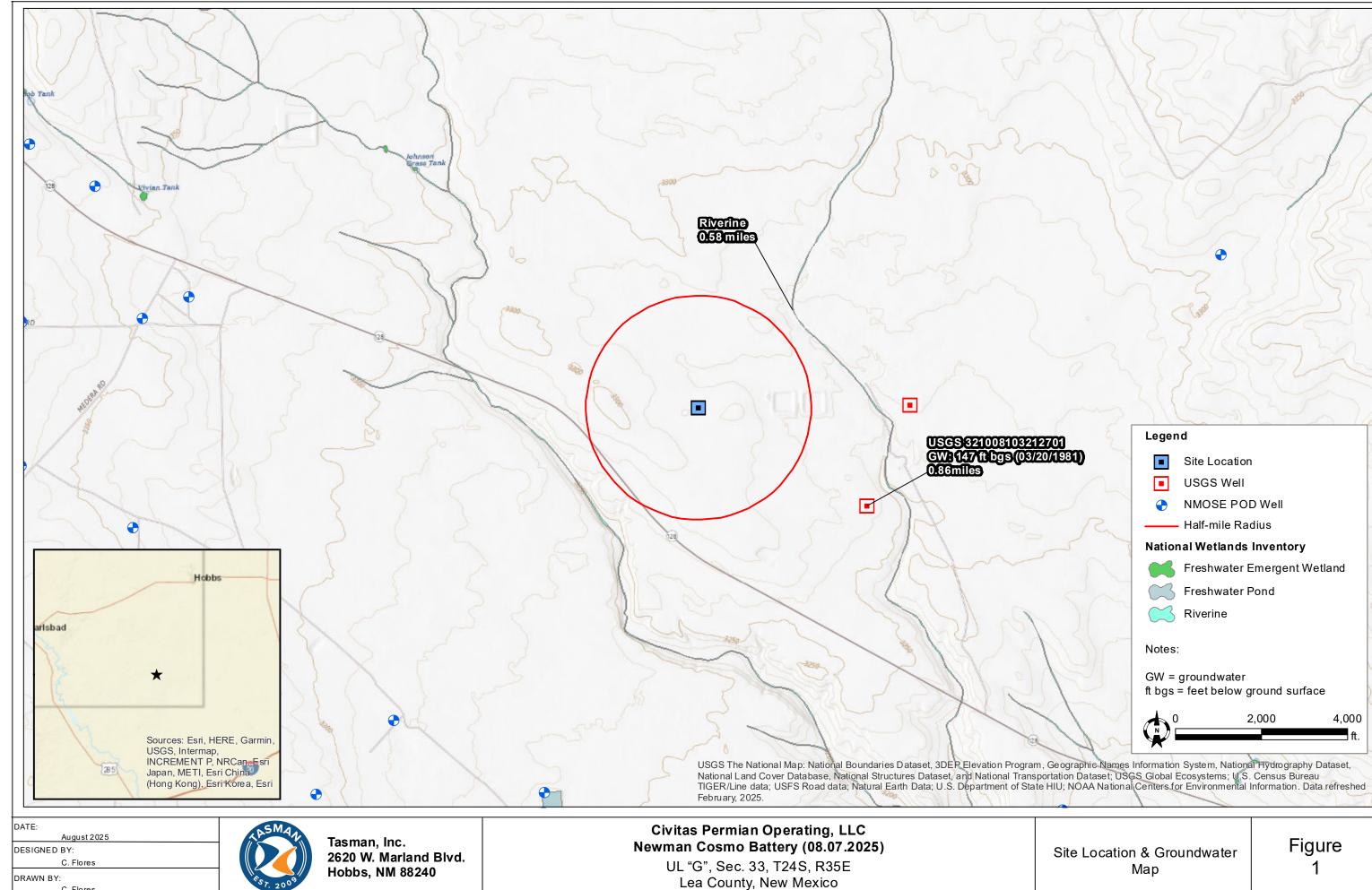
Figure 5 – Site Overview Map

Appendix A – Depth to Groundwater Information

Appendix B – Photographic Log

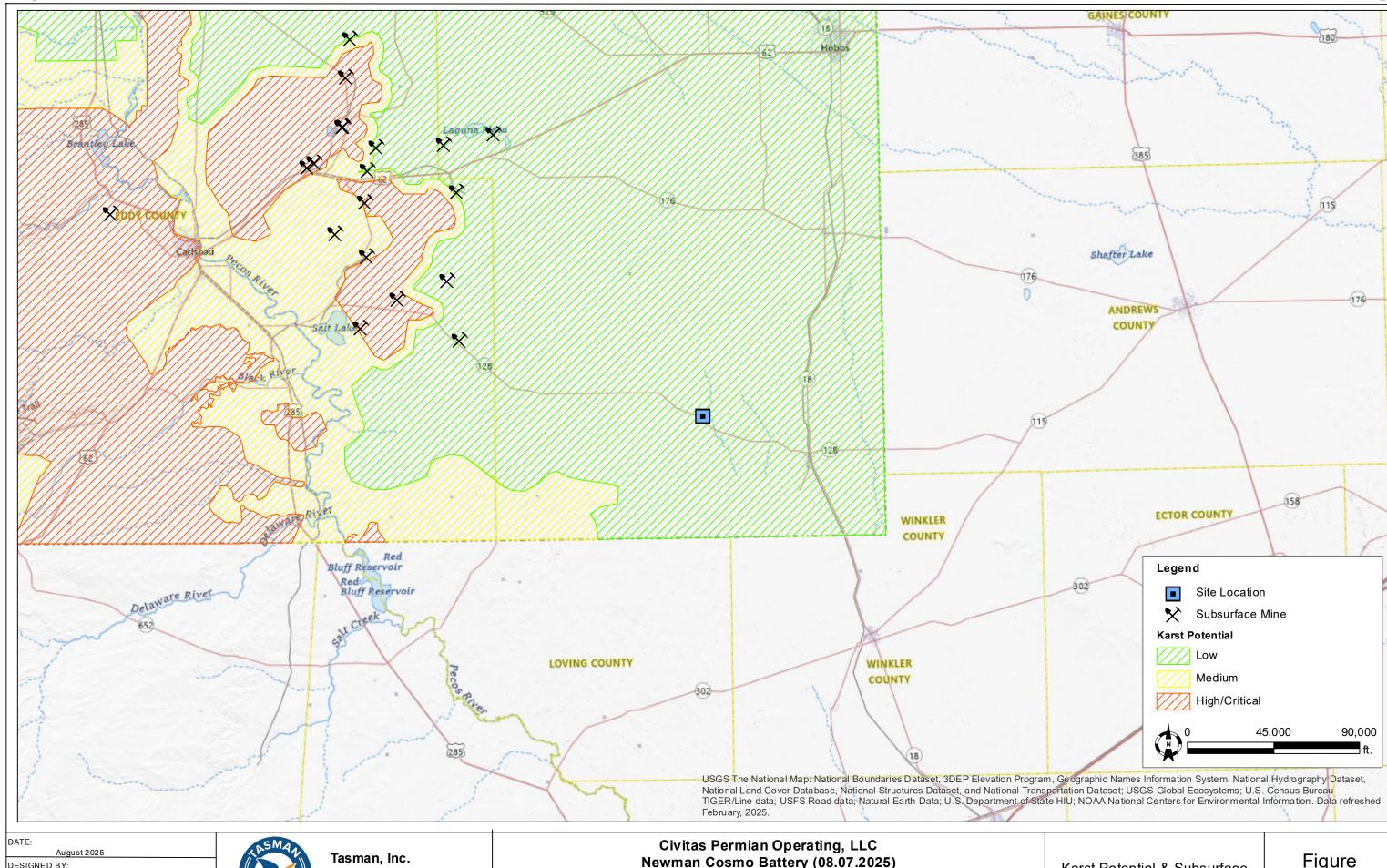
Figures

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C. Flores
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Page 7 of 24 Received by OCD: 10/8/2025 12:00:25 AM



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2620 W. Marland Blvd. Hobbs, NM 88240

Newman Cosmo Battery (08.07.2025)

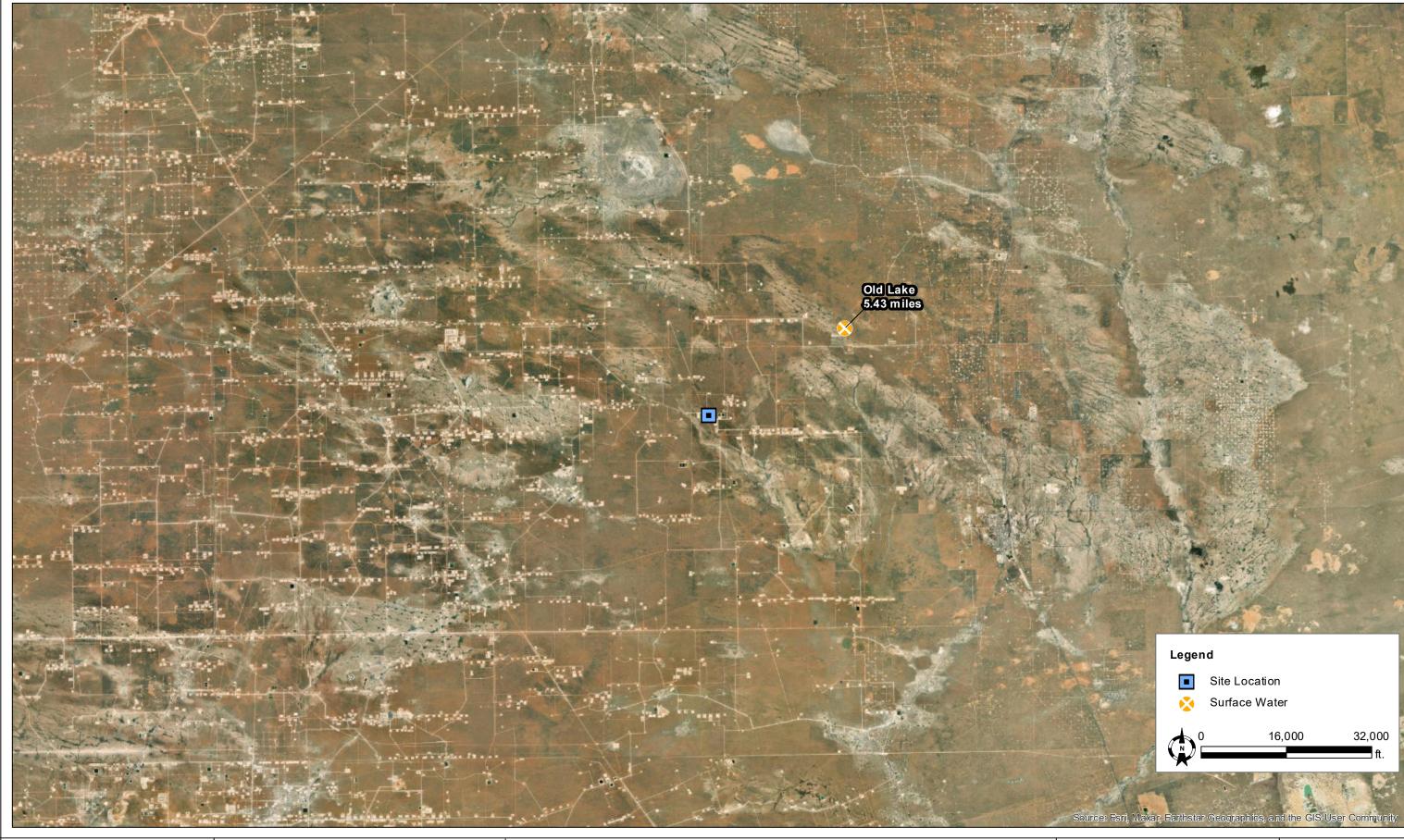
UL "G", Sec. 33, T24S, R35E Lea County, New Mexico

Karst Potential & Subsurface Mine Map

Figure

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Page 8 of 24



DATE:

August 2025

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C. Flores
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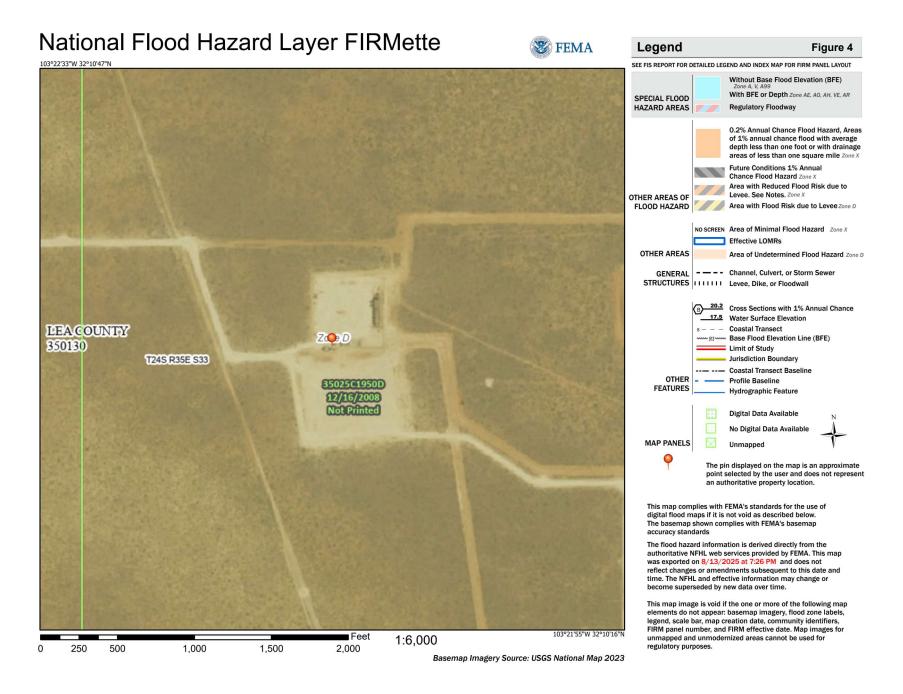
C. Flores

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Tasman, Inc. 2620 W. Marland Blvd. Hobbs, NM 88240 Civitas Permian Operating, LLC Newman Cosmo Battery (08.07.2025)

UL "G", Sec. 33, T24S, R35E Lea County, New Mexico Surface Water Map

Figure 3



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UL "G", Sec. 33, T24S, R35E Lea County, New Mexico Site Overview Map

Figure

Appendix A – Depth to Groundwater Information



USGS Home Contact USGS Search USGS

Page 12 of 24

National Water Information System: Web Interface

USGS Water Resources Data Category: G

Data Category:	Geographic Area:	
Groundwater ~	United States	→ GO

Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access realtime water data from over 13,500 stations nationwide.

Groundwater levels for the Nation

■ Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321008103212701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

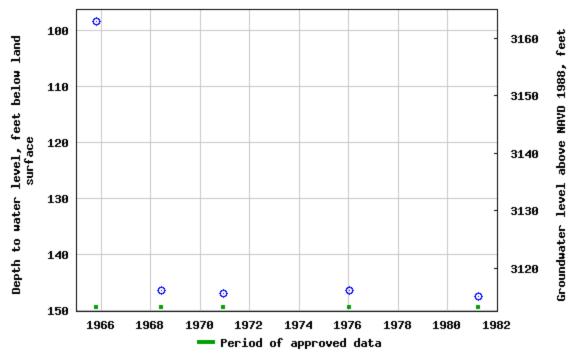
USGS 321008103212701 24S.35E.34.14100 DUP

Available data for this site	Groundwater:	Field measurements	→ [GO]	
Lea County, New Mexico				
Hydrologic Unit Code 1307	0007			
Latitude 32°10'08", Longi	tude 103°2	1'27" NAD27		
Land-surface elevation 3,2	62 feet abo	ve NAVD88		
This well is completed in th	ne Other aq	uifers (N9999OTh	HER) national a	aquifer.
This well is completed in th	ne Santa Ro	sa Sandstone (23	B1SNRS) local	aquifer.

Output formats

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

USGS 321008103212701 245,35E,34,14100 DUP



Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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 USA: Water Levels

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

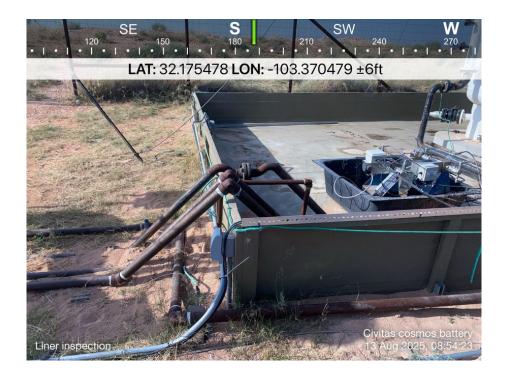
Page Contact Information: <u>USGS Water Data Support Team</u>

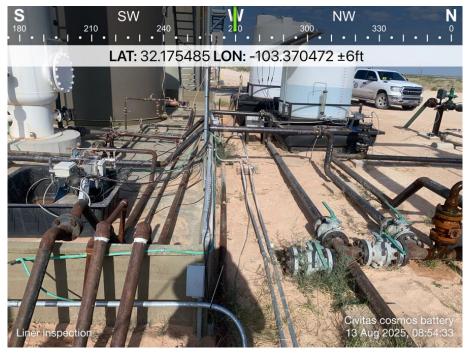
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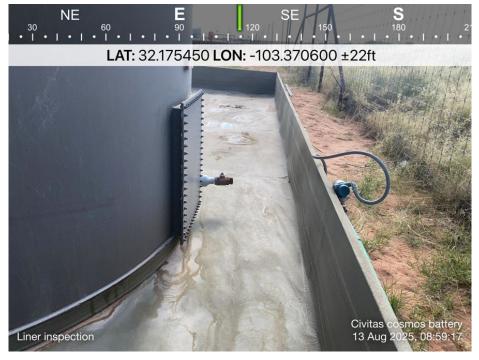


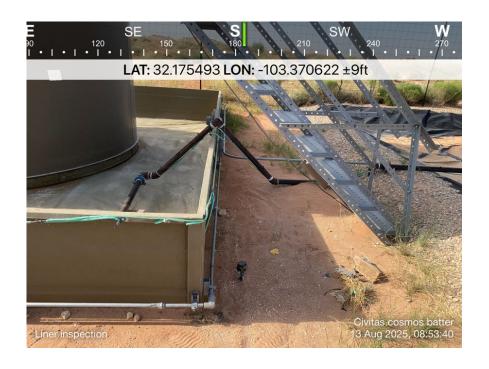
Appendix B – Photographic Log



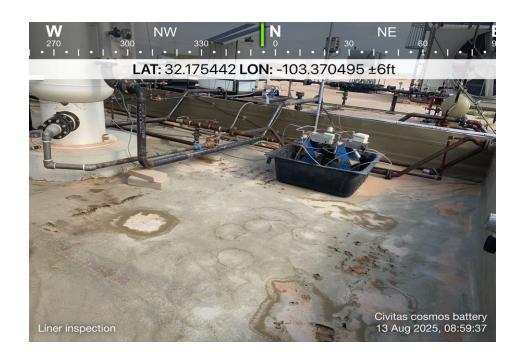














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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 512848

QUESTIONS

Operator:	OGRID:
Civitas Permian Operating, LLC	332195
555 17th Street	Action Number:
Denver, CO 80202	512848
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2522026499	
Incident Name	NAPP2522026499 NEWMAN COSMO K CTB @ FAPP2126030570	
Incident Type	Release Other	
Incident Status	Remediation Closure Report Received	
Incident Facility	[fAPP2126030570] COSMO CTB	

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Newman Cosmo K CTB
Date Release Discovered	08/07/2025
Surface Owner	Private

Incident Details		
Please answer all the questions in this group.		
Incident Type	Release Other	
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	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Cause: Equipment Failure Tank (Any) Chemical (Specify) Released: 15 BBL Recovered: 15 BBL Lost: 0 BBL.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Chemical releases was H2S scavenger	

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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 512848

QUESTI	ONS (continued)
Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195 Action Number: 512848 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	
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 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 releathe 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 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: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 10/07/2025

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 3

Action 512848

QUESTIONS (continued)

Operator:	OGRID:
Civitas Permian Operating, LLC	332195
555 17th Street	Action Number:
Denver, CO 80202	512848
	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	U.S. Geological Survey
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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 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	Between 1 and 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	Greater than 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 t	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	08/07/2025	
On what date will (or did) the final sampling or liner inspection occur	08/13/2025	
On what date will (or was) the remediation complete(d)	08/08/2025	
What is the estimated surface area (in square feet) that will be remediated	0	
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	the 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.

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512848

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QUESTIONS, Page 4

Action 512848

QUESTIONS (continued)

ı	Operator:	OGRID:
ı	Civitas Permian Operating, LLC	332195
ı	555 17th Street	Action Number:
ı	Denver, CO 80202	512848
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	No	
Is (or was) there a power wash of the lined containment area (to be) performed	Yes	
OTHER (Non-listed remedial process)	Not answered.	
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		

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: Mason Jones
Title: c-Environmental Specialist

Email: mjones@civiresources.com

Date: 10/07/2025

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.

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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 6

Action 512848

Santa Fe, NM 87505					
QUESTIONS (continued)					
Operator: Civitas Permian Operating, LLC 555 17th Street Denver, CO 80202	OGRID: 332195 Action Number: 512848 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)				
QUESTIONS	[C-141] Remediation Closule Request C-141 (C-141-V-Closule)				
Liner Inspection Information					
Last liner inspection notification (C-141L) recorded	493741				
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/13/2025				
Was all the impacted materials removed from the liner	Yes				
What was the liner inspection surface area in square feet	820				
Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all re Requesting a remediation closure approval with this submission Have the lateral and vertical extents of contamination been fully delineated	Yes Yes				
Was this release entirely contained within a lined containment area	Yes				
What was the total surface area (in square feet) remediated	0				
What was the total volume (cubic yards) remediated Summarize any additional remediation activities not included by answers (above)	Release occurred in lined containment				
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents				
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses 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 ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed no notification to the OCD when reclamation and re-vegetation are complete.				
I hereby agree and sign off to the above statement	Name: Mason Jones Title: c-Environmental Specialist Email: mjones@civiresources.com Date: 10/07/2025				

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

General Information Phone: (505) 629-6116

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CONDITIONS

Action 512848

CONDITIONS

Operator:	OGRID:
Civitas Permian Operating, LLC	332195
555 17th Street	Action Number:
Denver, CO 80202	512848
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2522026499 Newman Cosmo K CTB, thank you. This Remediation Closure Report is approved.	10/9/2025