



Total Area Calculations - Rectangle (Outside Containment)								
Total Surface Area	Length		Width		Wet Soil Depth		Area Covered (%)	
	Rectangle Area 1		ft. x		ft. x		in.	
	Rectangle Area 2	0	ft. x	0	ft. x	0	in.	0.00%
	Rectangle Area 3	0	ft. x	0	ft. x	0	in.	0.00%
	Rectangle Area 4	0	ft. x	0	ft. x	0	in.	0.00%
	Rectangle Area 5	0	ft. x	0	ft. x	0	in.	0.00%

Standing Liquid Calculations - Rectangle (Inside Containment)					
Total Standing Liquid		Length	Width	Depth	Area Covered (%)
Rectangle Area 1	54 ft. x	56 ft. x	12 in.	80.00%	
Rectangle Area 2	0 ft. x	0 ft. x	0 in.	0.00%	
Rectangle Area 3	0 ft. x	0 ft. x	0 in.	0.00%	
Rectangle Area 4	0 ft. x	0 ft. x	0 in.	0.00%	
Rectangle Area 5	0 ft. x	0 ft. x	0 in.	0.00%	

*Fluid Recovered: **BBL**

Approximate Volume Released - Rectangle				
	Hydrocarbon Lost:	REPORTABLE?	Produced Water Lost:	REPORTABLE?
Liquid in Soil (Out Cont.):	0.00 BBL		0.00 BBL	
Standing Liquid (In Cont.):	0.00 BBL		430.85 BBL	
In Cont. Adj. Disp. Volume:	0.00 BBL		134.65 BBL	
Hydrocarbon / PW Totals:	0.00 BBL	NO	296.19 BBL	YES
TOTAL VOLUME RELEASED:	296.19 BBL		12,440.17 GAL	
RECOVERED VOLUME:	0.00 BBL			

Tank Displacement (Circle or Rectangle; In Containment ONLY)					
Tank Diameter	Depth	# of Tanks	Displacement		
38 ft	8 in	1	134.65	BBL	
0 ft	0 in	0	0.00	BBL	
0 ft	0 in	0	0.00	BBL	
0 ft	0 in	0	0.00	BBL	
0 ft	0 in	0	0.00	BBL	
Total Displacement:			134.65	BBL	

Liner inspection and Closure Report

Solaris Water Midstream LLC

East State Line Air Gap

Incident ID: nAPP2608732595

Lea County, NM

Release Summary

On 3/27/2026, approximately 296 barrels (bbls) of Basic Sediment and Water (BS&W) were released entirely into lined secondary containment. The release did not leave the containment area. The release did not impact areas outside of an exploration, development, production, or storage site. All released fluids were recovered from containment. There were no injuries associated with this release. The NMOCD was notified of the incident on 3/28/2026 via submission of the NOR.

Site Characterization

The East State Line Air Gap is located approximately 15 miles from Jal New Mexico, in Lea County. The release was located in Unit C, Section 35, Township 26S, Range 34E (Latitude 32.00666, Longitude -103.4415). See figure 1 for the location map.

Groundwater

Based on the U.S. Geological Survey, the shallowest depth to groundwater in the vicinity is 123.52 feet below ground surface (bgs), located 5.9 miles from the East State Line Air Gap at site 320419103302202. The nearest point of diversion, POD C-04809, is approximately 1.1 miles from the site and is a dry monitoring well drilled to 110 ft bgs. The release did not impact surface or groundwater. No permanent dwellings are located within 5 miles of the East State Line Air Gap. A permitted well for livestock watering is located 5.67 miles from the release at POD C 02295 (see the POD location Map). The lateral extents of the release are not located within incorporated municipal boundaries or within a defined municipal well field.

Surface Water

The nearest significant watercourse is located approximately 2.1 miles from the facility, and the nearest mapped water body is approximately 2.3 miles from the facility. The nearest wetland is approximately 2.1 miles from the facility. The facility is greater than 5 miles from a flood plain. Refer to Appendix A for relevant maps and supporting information.

Geology

The East State Line Air Gap is located greater than 5 miles from any subsurface mine. The facility is located in an area of low karst potential. Refer to Appendix B for relevant maps and survey information.

Site Assessment and Liner Inspection

On 3/31/2026, a C-141L was submitted and approved by the NMOCD. The containment liner was visually inspected on 4/3/2026. In response to an NMOCD corrective-action request concerning tumbleweeds present within the containment, the tumbleweeds were removed. A C-141L was submitted and approved 7/22/2026. The containment was inspected again on July 24, 2026. Demonstration of liner integrity and corrective action is documented in Appendix C. No deficiencies were identified during the inspection. In accordance with NMAC 19.15.29, soil samples were not required. Solaris Water Midstream LLC is requesting closure for incident nAPP2608732595.

Attachments

Figures

- Figure 1 – Location Map
- Figure 2 – Scaled Facility Diagram

Appendix A – Surface and Groundwater

- Significant Watercourse Map
- National Wetland Inventory Map
- National Flood Hazard Map
- PODS Map
- Water Right Summary
 - Livestock Watering WRS (C-02295)
 - Nearest POD (C-04809)
 - Well Plugging Data (C-04809)
- Groundwater Well Map
- USGS Groundwater Well Data

Appendix B - Geology

- Karst Potential Map
- NM Mine Map
- Soil Survey

Appendix C – Liner Inspection

- 48-hour Inspection Notification
- Liner Inspection Form
- Photographic Documentation

Site Characterization- Figures

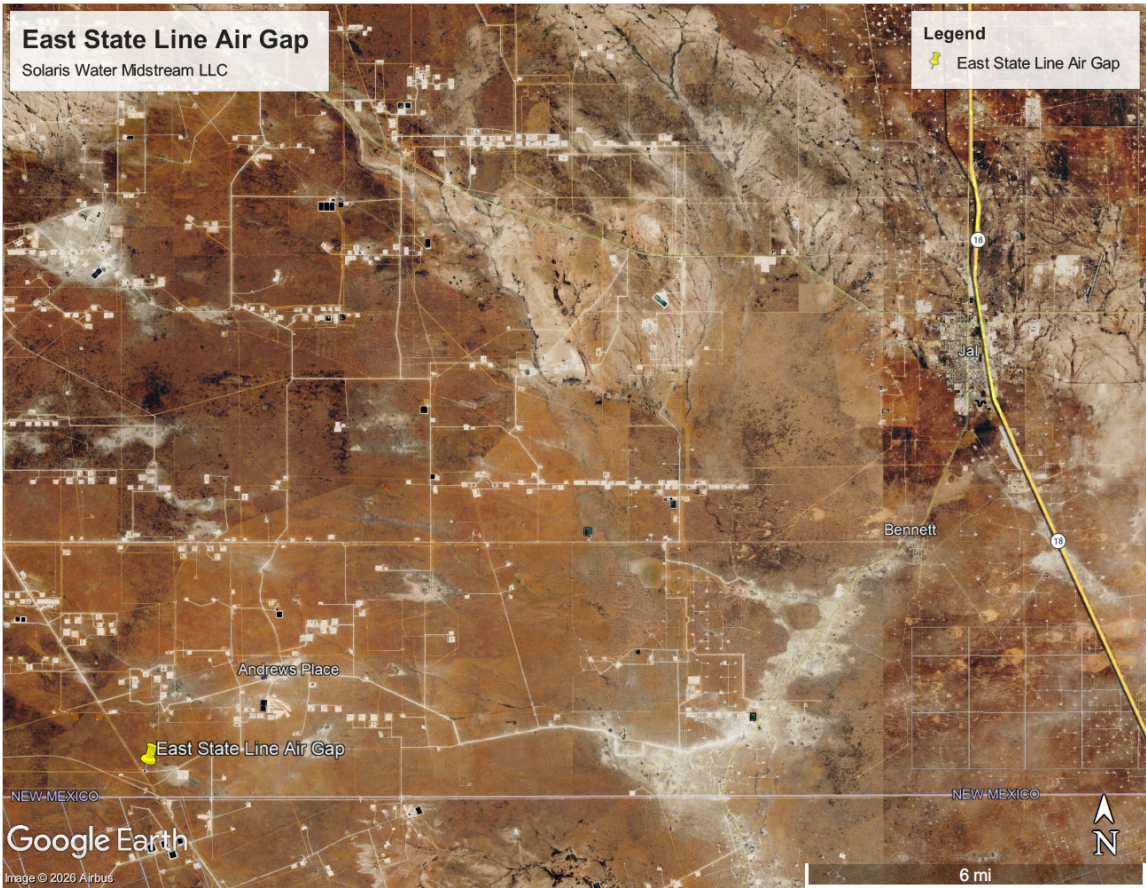


Figure 1 Location Map



Figure 2 Scaled Facility Diagram

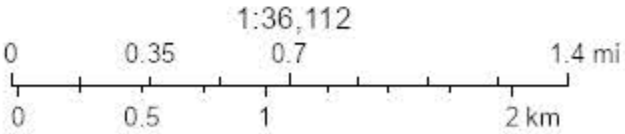
Appendix A – Surface and Groundwater

Significant Watercourse Map East Stateline Air Gap



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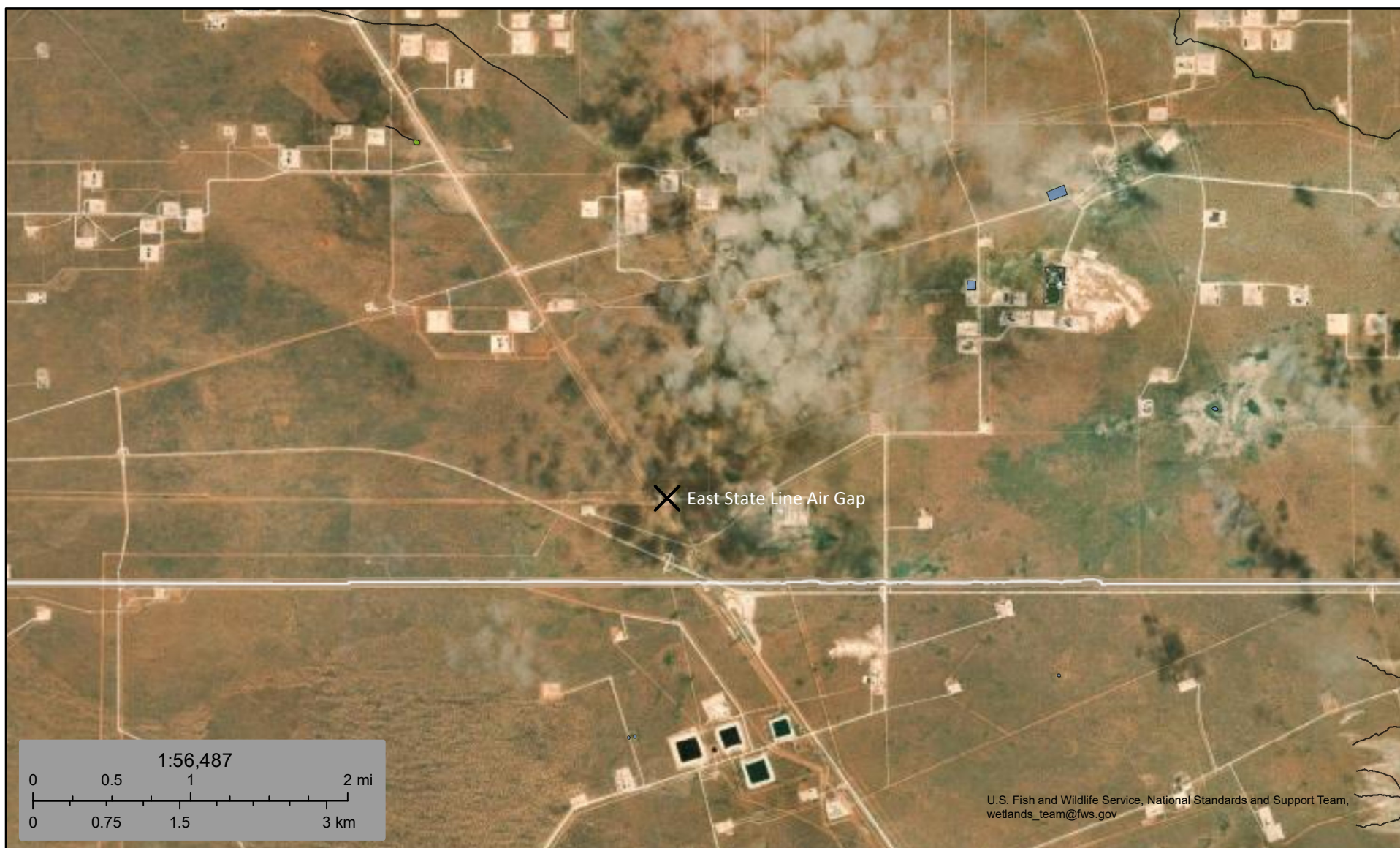
— OSE Streams



NM OSE, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA



Wetlands Map East State Line Air Gap



April 8, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



National Flood Hazard Layer FIRMette



103°26'48"W 32°0'41"N



1:6,000

103°26'10"W 32°0'10"N

Released to Imaging: 7/30/2026 11:36:51 AM

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

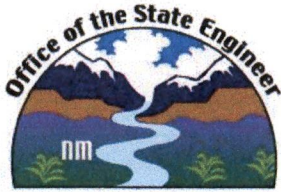


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

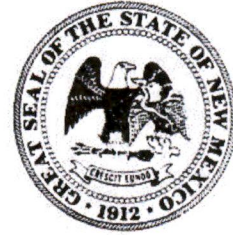
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/8/2026 at 6:54 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: ☐ Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: TBD C-4809-P001

Name of well owner: Devon Energy Production Company

Mailing address: 205 E. Bender Road #150

County: _____

City: Hobbs

State: New Mexico

Zip code: 88240

Phone number: (575) 748-1838

E-mail: huttona@kfoc.net

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: John Scarborough Drilling Inc.

New Mexico Well Driller License No.: WD1188

Expiration Date: 03/31/2024

IV. WELL INFORMATION: ☐ Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 1 min, 16.8594 sec
Longitude: -103 deg, 26 min, 0.186 sec, NAD 83

2) Reason(s) for plugging well(s):

Monitoring well to be plugged when no longer needed. Dry borehole will be plugged within 3 days of completion if encountered

3) Was well used for any type of monitoring program? No If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? N/A If yes, provide additional detail, including analytical results and/or laboratory report(s): _____

5) Static water level: N/A feet below land surface / feet above land surface (circle one)

6) Depth of the well: 110 feet

OSE DTI FEB 2 2024 4:34

WD-08 Well Plugging Plan

Version: July 31, 2019

Page 1 of 5

- 7) Inside diameter of innermost casing: 2 inches.
- 8) Casing material: Temporary SCH 40 PVC
- 9) The well was constructed with:
☐ an open-hole production interval, state the open interval: N/A
☐ a well screen or perforated pipe, state the screened interval(s): N/A
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? N/A
- 11) Was the well built with surface casing? No If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? N/A If yes, please describe:
Temporary Soil Boring
- 12) Has all pumping equipment and associated piping been removed from the well? N/A If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: ☐ If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:
Temporary 2 inch well will be removed. If no water is encountered, drill cuttings will be used to ten feet below ground surface (bgs) and plugged from 0 to 10 feet bgs with hydrated bentonite. If groundwater is encountered, borehole will be plugged, tremie pipe from the bottom upwards to a slurry of Type I/II neat cement.
- 2) Will well head be cut-off below land surface after plugging? Yes

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 287 gallons(8.0 inch borehole)
- 4) Type of Cement proposed: Type I/II Neat Cement
- 5) Proposed cement grout mix: <6.0 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: _____ batch-mixed and delivered to the site
X mixed on site

OSE OII FEB 2 2024 10:34

- 7) Grout additives requested, and percent by dry weight relative to cement:

N/A

- 8) Additional notes and calculations:

N/A

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

N/A

VIII. SIGNATURE:

I, Ashley Giovengo, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Ashley Giovengo

Digitally signed by Ashley Giovengo
Date: 2024.02.01 13:41:31 -0700

02/01/2024

Signature of Applicant

Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

QSE DIT FEB 2 2024 AM 3:34

- ☒ Approved subject to the attached conditions.
☐ Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 9th day of February, 2024



Mike A. Hamman, P.E., New Mexico State Engineer

By: K. Parekh

Kashyap Parekh

Water Resources Manager I
 WD-08 Well Plugging Plan
 Version: July 31, 2019
 Page 3 of 5

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)	N/A	N/A	0
Bottom of proposed interval of grout placement (ft bgl)	N/A	N/A	110
Theoretical volume of grout required per interval (gallons)	N/A	N/A	287
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement	N/A	N/A	<6.0
Mixed on-site or batch-mixed and delivered?	N/A	N/A	Onsite
Grout additive 1 requested	N/A	N/A	N/A
Additive 1 percent by dry weight relative to cement	N/A	N/A	N/A
Grout additive 2 requested	N/A	N/A	N/A
Additive 2 percent by dry weight relative to cement	N/A	N/A	N/A

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TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	N/A	N/A	0
Bottom of proposed sealant of grout placement (ft bgl)	N/A	N/A	10
Theoretical volume of sealant required per interval (gallons)	N/A	N/A	26
Proposed abandonment sealant (manufacturer and trade name)	N/A	N/A	Bariod Hole Plug

OGE DIT FEB 2 2024 AM 3:34



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

February 9, 2024

Devon Energy Production Company
205 E. Bender Road # 150
Hobbs, NM 88240

RE: Well Plugging Plan of Operations for well no. C-4809-POD1

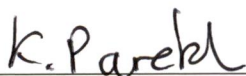
Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Well Plugging Plan of Operations form (WD-08) has been updated. Current form can be found on the OSE website at the following link <https://www.ose.state.nm.us/Statewide/wdForms.php>.

Sincerely,


Kashyap Parekh
Water Resources Manager I



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

1900 West Second St.
 Roswell, New Mexico 88201
 Phone: (575) 622-6521
 Fax: (575) 623- 8559

Applicant has identified wells, listed below, to be plugged. John Scarborough Drilling Inc. (WD-1188) will perform the plugging.

Permittee: Devon Energy Production Company
 NMOSE Permit Number: C-4809-POD1

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-4809-POD1	2.0 (8.0 inches soil bore)	110	Unknown	32° 1' 16.8594"	103° 26' 0.186"

Specific Plugging Conditions of Approval for Well located in Lea County.

1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.
2. **Groundwater encountered:** The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 287 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 105 feet.
3. **Dry Hole:** The total Theoretical volume of sealant required for abandonment of soil boring well is approximately 26.1 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 10 feet.
4. **Groundwater encountered:** Type I/II Portland cement mixed with 5.2 to 6.0 gallons of fresh water per 94-lb sack of cement is approved for plugging the well.
5. **Dry Hole:** (a) Drill cuttings up to ten feet of land surface. (b) 10 feet to 0 feet – Bentonite Pellets. The bentonite shall be hydrated separately with its required increments of water prior to being mixed into the cement slurry.

6. Placement of the sealant within the wells shall be by tremie pipe extending to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column. The tremie shall be incrementally removed to retain the tremie bottom a limited distance above the top of the rising column of pellets throughout the plugging process.
7. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs, then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.
8. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.
9. NMOSE witnessing of the plugging of the soil boring will not be required.
10. Any deviation from this plan must obtain an approved variance from this office prior to implementation.
11. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 9th day of February 2024

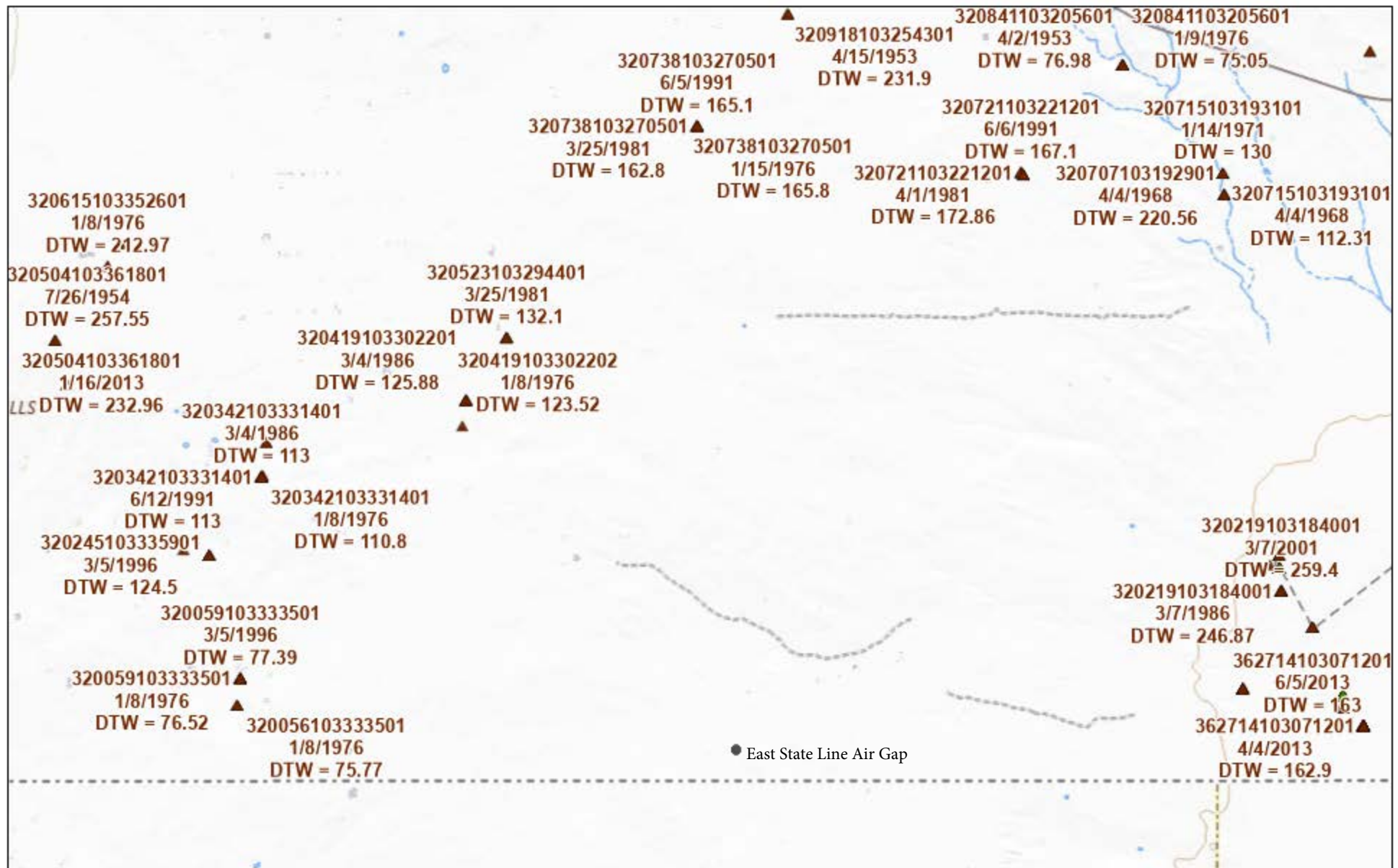
Mike A. Hamman, P.E. State Engineer

By: K. Parekh

Kashyap Parekh
Water Resources Manager I

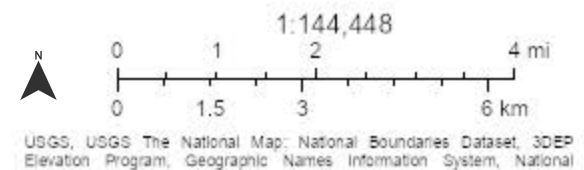


Groundwater Well Map East State Line Air Gap



4/8/2026, 4:52:14 PM

- ▲ USGS Historical GW Wells
- ▲ USGS Active Monitoring GW Wells



New Mexico Oil Conservation Division

NM OCD Oil and Gas Map, <http://nm-eminrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8135ca75>; New Mexico Oil Conservation Division

Monitoring location
265.34E.06.21414A - USGS-320419103302202

WDFN HomeWDFN tools and dataRelated linksOther water data resourcesConnect

DID YOU KNOW

You can see all water data collected at this monitoring location in the Available data section of the page. Learn more about centralized water data delivery in WDFN.

1 year10 yearsPeriod of record

ScaleLinearLog

Field measurements

265.34E.06.21414A - USGS-320419103302202

January 8, 1976 - April 9, 2026

Depth to water level, feet below land surface

123.52 ft - Jan 08, 1976 05:00:00 AM MST

123.52

ft

USGS

science for a changing world

Sep 1979Nov 1986Jan 1994Mar 2001May 2008Aug 2015Oct 2022

IMPORTANT

Data may be provisional

Show legend

Hide graph details

Selected field measurement

Value

123.52 ft

Status

Approved Static

Time

Jan 08, 1976 05:00:00 AM MST

Hide graph details

Change time span

Download data

View data records

Available data

Select data types to graph from categories based on the way the data were collected. Learn about the data collection categories

Expand all data collections

Continuous data

0 data types available

Daily data

0 data types available

Field measurements

3 data types available - data from 1976-01-08 to 1976-01-08

Hide these data types

Field measurements are physically measured values collected during a visit to the monitoring location. Learn about field measurements

Data type

Data date range

Graphed

Depth to water level, feet below land surface

1976-01-08 - 1976-01-08

Graph it

Groundwater level above NAVD 1988, feet

1976-01-08 - 1976-01-08

Graph it

Groundwater level above NGVD 1929, feet

1976-01-08 - 1976-01-08

Hide these data types

Discrete sample data

0 observed properties (data types) available

Statistical tables for select daily data types

0 data types available

Location details and information

Show location details

Monitoring locations with continuous data in last 120 days

1 locations found

View these locations in My Favorites

Use Explore USGS Water Data to discover additional data near this location

Use ctrl + scroll to zoom the map

Legend

Monitoring Location

Active Monitoring Locations

5 km

2 mi

USGS The National Map: National Boundaries Dataset, SDEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, N...

Interested in understanding how to access the upstream/downstream data? Learn about the Network-Linked Data Index (NLDI)

Questions or Comments

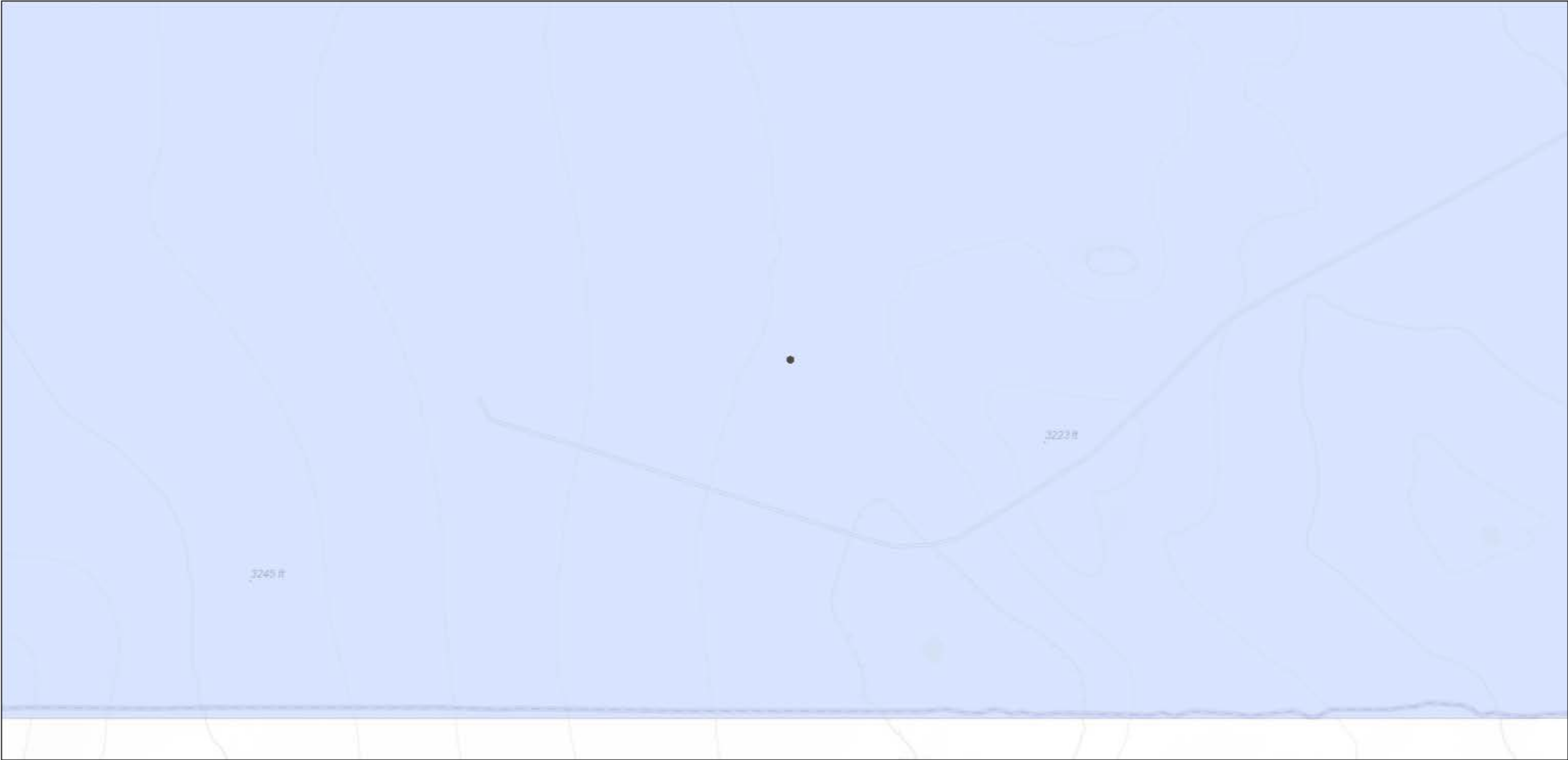
DOI Privacy Policy | Legal | Accessibility | Site Map | Contact USGS

U.S. Department of the Interior | DOI Inspector General | White House | No Fear Act | FOIA

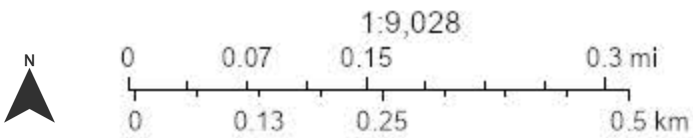
Follow

Appendix B – Geology

Karst Potential Map East Stateline Air Gap

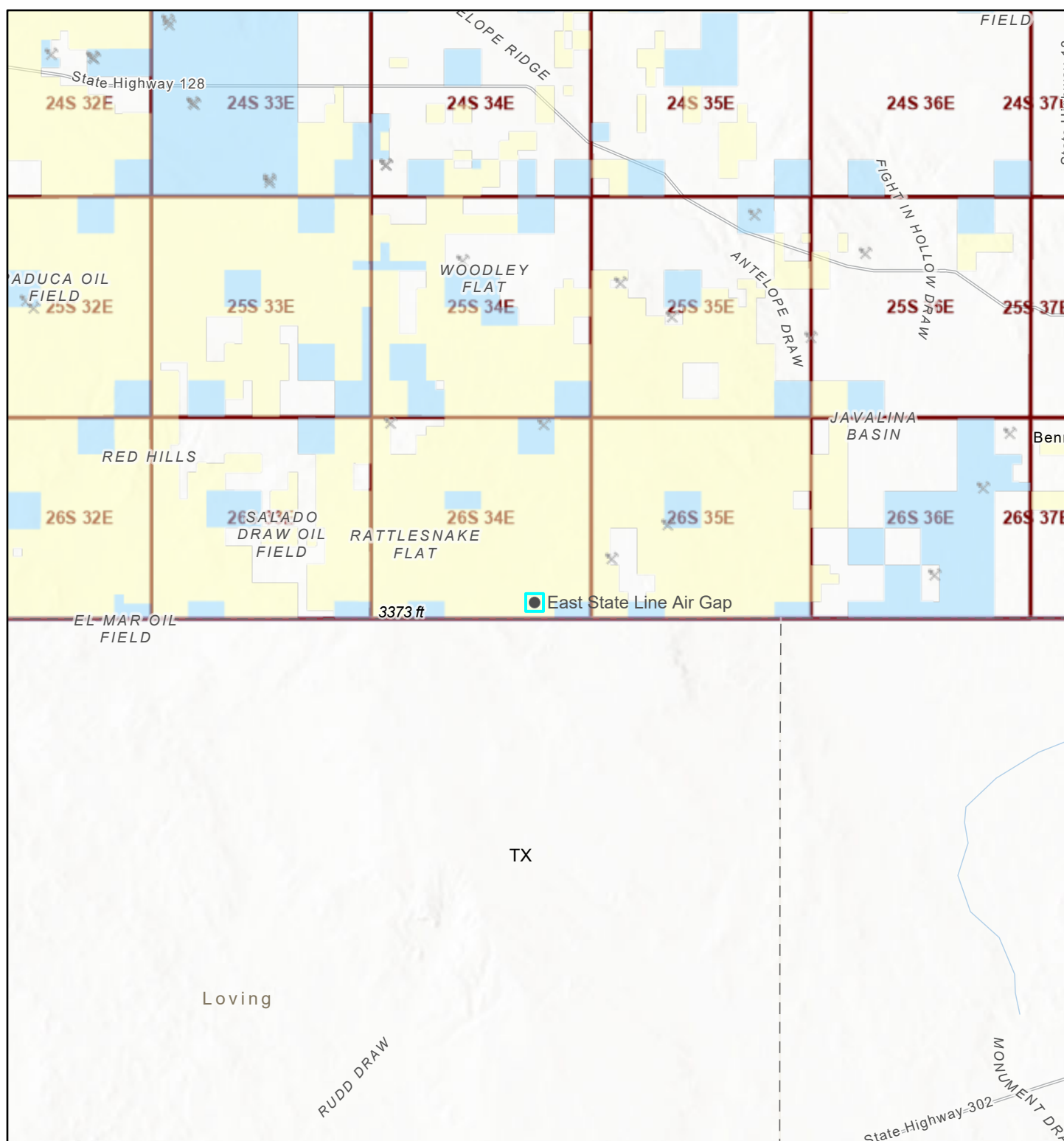


4/2/2026, 11:18:57 AM
Karst Occurrence Potential
 Low



BLM, OCD, New Mexico Tech, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

Active Mines in New Mexico



4/2/2026, 11:12:13 AM

Registered Mines

P

Aggregate, Stone etc.

S

Aggregate, Stone etc.



PLSS Townships

Land Ownership

BLM



1:288,895

0 2 4 8 mi

0 3.25 6.5 13 km

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

EMNRD MMD GIS Coordinator

Soil Map—Lea County, New Mexico
East Stateline Airgap Facility
(32.0066626, -103.44145)



Soil Map—Lea County, New Mexico
(East Stateline Airgap Facility)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 20, 2020—Mar 22, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Natural Resources
Conservation Service

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PU	Pyote and Maljamar fine sands	2.8	100.0%
Totals for Area of Interest		2.8	100.0%

Appendix C Liner Inspection

MTULL (ENVIRONMENTAL REPRESENTATIVE FOR SOLARIS WATER MIDSTREAM, LLC)

SIGN OUT

HELP

OCD Permitting

Searches ▾Operator Data ▾Submissions ▾Administration ▾

Home / Operator Data / Action Status / Action Search Results / Action Status Item Details

[NOTIFY] Notification Of Liner Inspection (C-141L) Application

Submission Information

Submission ID:

607006

Districts:

Hobbs

Operator:

[371643] SOLARIS WATER MIDSTREAM, LLC

Counties:

Lea

Description:

SOLARIS WATER MIDSTREAM, LLC [371643]
East State Line Air Gap Reuse
nAPP2608732595

Status:

Approved

Status Date:

07/22/2026

References (0):

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nAPP2608732595

Incident Name

NAPP2608732595 EAST STATE LINE AIR GAP REUSE @ C-35-26S-34E

Incident Type

Other

Incident Status

Initial C-141 Approved

Location of Release Source

Site Name

East State Line Air Gap Reuse

Date Release Discovered

03/27/2026

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

15,792

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

07/24/2026

Time liner inspection will commence

10:36 AM

Warning: Notification can not be less than two business days prior to conducting liner inspection.

Please provide any information necessary for observers to liner inspection

Standard class D PPE required on site.

Please provide any information necessary for navigation to liner inspection site

Coordinates to site are 32.00666, -103.4415. Come in at the intersection of HW-652 (Orla Road) and Battle-Ave Road (J2) coordinates to lease road entrance (32.0260855, -103.7015900).

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:

mtull (7/22/2026): 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.

Reasons

No reasons found for this submission.

Fees

No fees found for this submission.

Go Back

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Accessibility Statement

Released to Imaging: 7/30/2026 11:36:51 AM

Liner Inspection Form

Company Name: Solaris Water Midstream LLC

Site: East State Line Air Gap

Lat/Long: (32.0066626, -103.44145)

NMOCD Incident ID: nAPP2608732595

Incident Date: 3/27/2026

2- Day Notification Sent: YES

Inspection Date: 7/24/2026

Weather: Sunny

Liner Type: Steel with Poly Liner

Inspection Question	Yes	No	Comments
Are there tears or holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		





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

QUESTIONS

Action 607002

QUESTIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 607002
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2608732595
Incident Name	NAPP2608732595 EAST STATE LINE AIR GAP REUSE @ C-35-26S-34E
Incident Type	Other
Incident Status	Remediation Closure Report Received

Location of Release Source

Please answer all the questions in this group.

Site Name	East State Line Air Gap Reuse
Date Release Discovered	03/27/2026
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	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	No
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 Valve B.S. & W. Released: 296 BBL Recovered: 296 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)	Not answered.

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QUESTIONS, Page 2

Action 607002

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 607002
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.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 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 Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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: Melissa Tull Title: Environmental Representative Email: Melissa.Tull@westernmidstream.com Date: 07/29/2026
--	--

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QUESTIONS, Page 3

Action 607002

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID:
	371643
	Action Number:
	607002
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>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 release discovery date.</i>	
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 and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 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	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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
<i>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>	
On what estimated date will the remediation commence	07/24/2026
On what date will (or did) the final sampling or liner inspection occur	07/24/2026
On what date will (or was) the remediation complete(d)	04/03/2026
What is the estimated surface area (in square feet) that will be remediated	3024
What is the estimated volume (in cubic yards) that will be remediated	2419.2
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>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.</i>	

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QUESTIONS, Page 4

Action 607002

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 607002
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	<i>Not answered.</i>
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	<i>Not answered.</i>
<i>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>	
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: Melissa Tull Title: Environmental Representative Email: Melissa.Tull@westernmidstream.com Date: 07/29/2026
<i>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.</i>	

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QUESTIONS, Page 6

Action 607002

QUESTIONS (continued)

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 607002
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	607006
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	07/24/2026
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	15792

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	3024
What was the total volume (cubic yards) remediated	2419.2
Summarize any additional remediation activities not included by answers (above)	Tumble weed removed from 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.

I hereby agree and sign off to the above statement	Name: Melissa Tull Title: Environmental Representative Email: Melissa.Tull@westernmidstream.com Date: 07/29/2026
--	--

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CONDITIONS

Action 607002

CONDITIONS

Operator: SOLARIS WATER MIDSTREAM, LLC 9950 WOODLOCH FOREST DR THE WOODLANDS, TX 77380	OGRID: 371643
	Action Number: 607002
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2608732595 East State Line Air Gap Reuse, thank you. This Remediation Closure Report is approved.	7/30/2026