

|                               |                                      |        |
|-------------------------------|--------------------------------------|--------|
| <b>Location:</b>              | <b>PLU Big Sinks 2-24-30 Battery</b> |        |
| <b>Spill Date:</b>            | <b>12/4/2023</b>                     |        |
| <b>Area 1</b>                 |                                      |        |
| Approximate Area =            | 39.30                                | cu.ft. |
| VOLUME OF LEAK                |                                      |        |
| Total Crude Oil =             | 1.00                                 | bbls   |
| Total Produced Water =        | 7.00                                 | bbls   |
| <b>TOTAL VOLUME OF LEAK</b>   |                                      |        |
| Total Crude Oil =             | 1.00                                 | bbls   |
| Total Produced Water =        | 7.00                                 | bbls   |
| <b>TOTAL VOLUME RECOVERED</b> |                                      |        |
| Total Crude Oil =             | 1.00                                 | bbls   |
| Total Produced Water =        | 7.00                                 | bbls   |



Aerial Imagery: ESRI World Imagery (2022)

**LEGEND**

- Project Gnome Monument (Surface Ground Zero)
- Emplacement Shaft
- Monitoring Well (Culebra)
- Monitoring Well (Salado)
- Withdrawal Boundary
- A-A' Line of Section



0 SCALE IN MILES 0.5

U.S. DEPARTMENT OF ENERGY  
OFFICE OF LEGACY MANAGEMENTWork Performed by  
**RSI EnTech, LLC**  
Under DOE Contract #9303G26D/M000061Site Map  
Gnome-Coach, NM, SiteDATE PREPARED  
November 21, 2022FILE NAME  
043196

| Well   | Date     | DTW (ft) <sup>a</sup> | TOC Elevation (ft amsl) | TSZ Elevation (ft amsl) | BSZ Elevation (ft amsl) | Formation/ Unit Monitored | Groundwater Elevation (ft amsl) |
|--------|----------|-----------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------------|
| USGS-1 | 2/8/2022 | 440.13 <sup>b</sup>   | 3428.72                 | 2909 <sup>c</sup>       | 2877 <sup>c</sup>       | Culebra Dolomite          | 2988.68                         |
| USGS-4 | 2/8/2022 | 431.84                | 3415.84                 | 2942 <sup>c</sup>       | 2909 <sup>c</sup>       |                           | 2988.96 <sup>c</sup>            |
| USGS-8 | 2/8/2022 | 424.66                | 3413.37                 | 2949 <sup>c</sup>       | 2917 <sup>c</sup>       |                           | 2988.71 <sup>c</sup>            |
| LRL-7  | 2/8/2022 | 463.48                | 3444.64                 | 2655 <sup>d</sup>       | 2129 <sup>d</sup>       | Salado Formation          | 2981.16 <sup>d</sup>            |
| DD-1   | 2/8/2022 | 900.42                | 3399.53 <sup>e</sup>    | 2261 <sup>d</sup>       | U/NM                    |                           | 2499.11 <sup>d</sup>            |

**Notes:**

The TOC elevations are provided in U.S. State Plane, Zone New Mexico East, coordinate system, with vertical data based on NAVD 88 and horizontal data based on NAD 83 (DOE 2015a).

<sup>a</sup> Depth to water has not been corrected for true vertical depth.

<sup>b</sup> Well USGS-1 has a dedicated submersible pump that was not operating at the time of the water level measurement.

<sup>c</sup> Elevation has been corrected for true vertical depth. (At the current water-level depths, the deviation correction for USGS-1 is 0.09 ft; the deviation correction for USGS-4 is 4.96 ft; and no correction is required for USGS-8 because it did not deviate from vertical.)

<sup>d</sup> Elevations for LRL-7 and DD-1 have not been corrected for true vertical depth because borehole deviation data are not available for these wells.

<sup>e</sup> TOC elevation is estimated because of repairs to the wellhead after the well was vandalized in 2014 (DOE 2016a).

**Abbreviations:**

BSZ = bottom of screen zone, uncased, open, or perforated interval in ft amsl

DTW = depth to water (all measurements obtained from north top-of-casing)

ft amsl = feet above mean sea level

NAD 83 = North American Datum of 1983

NAVD 88 = North American Vertical Datum of 1988

TOC = top-of-casing elevation in ft amsl (NAVD 88)

TSZ = top of screen zone, uncased, open, or perforated interval in ft amsl

U/NM = unknown or not measured (the construction and open intervals of reentry well DD-1 are unknown)



BASEMAPS >

MAP LAYERS >

- ☒ Wetlands
- ☒ Riparian
- ☐ Riparian Mapping Areas
- ☒ Data Source
  - Source Type
  - Image Scale
  - Image Year
- ☐ Areas of Interest
- ☐ FWS Managed Lands
- ☐ Historic Wetland Data

+ -

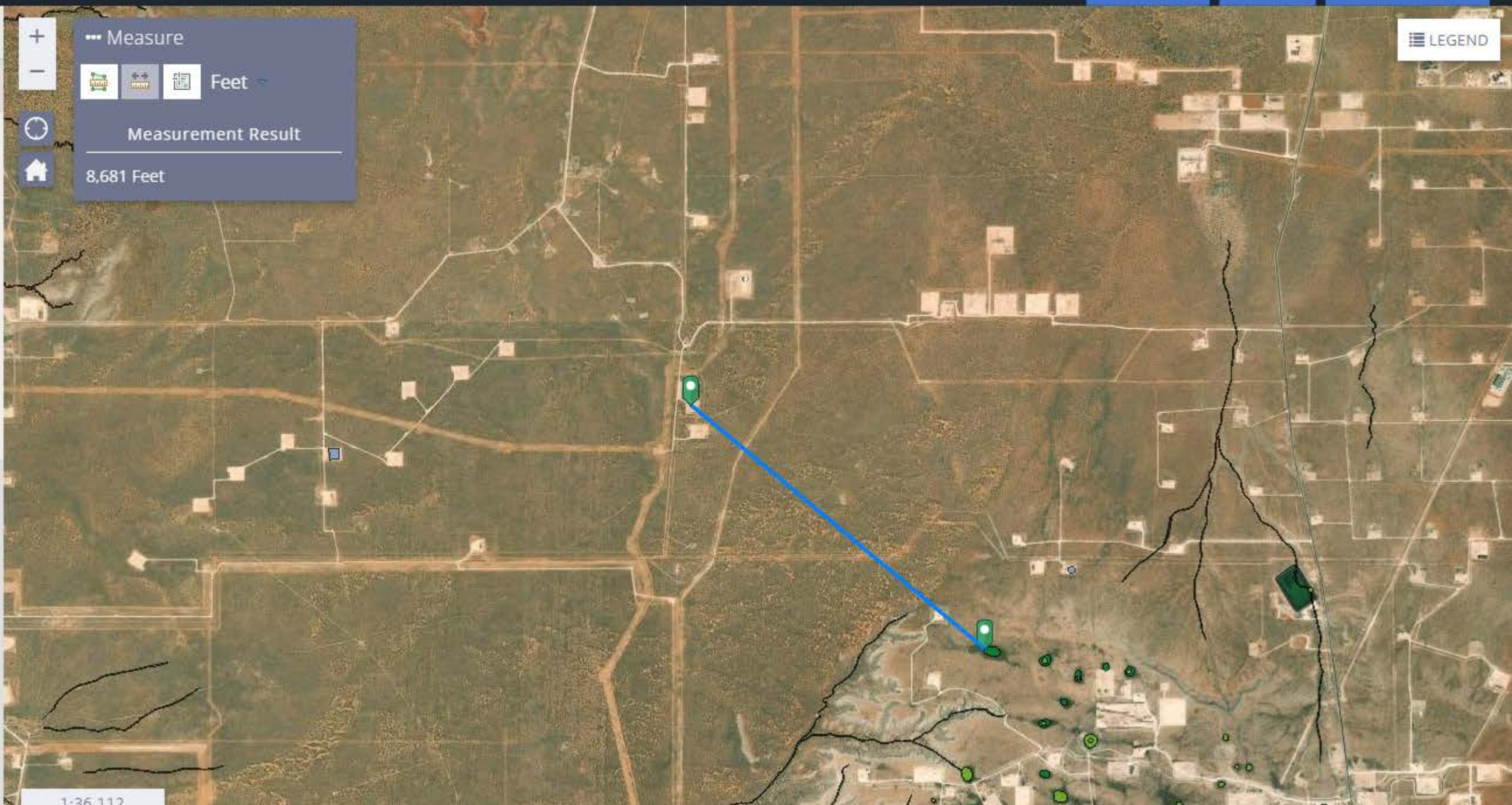
Measure

Feet

Measurement Result

8,681 Feet

LEGEND



1:36,112  
247 | -103.910



Legend

Basemap

Query

Ground Water Discharge Permits

Mine Facilities

State Cleanup Program

Voluntary Remediation Program

Superfund Sites

Drinking Water Sources

Hazardous Waste Facilities

Landfills

Petroleum Storage Tanks

Leaking Tank Sites

NPDES Permits

Water Quality Stations

Nonpoint Source Program

Impaired Waters

Assessed Waters

National Hydrography Dataset

COVID Wastewater

COVID-19 OSHA Data

Watershed Boundary Dataset

Aquifer Sensitivity

National Land Cover Database

USGS Stream Gages

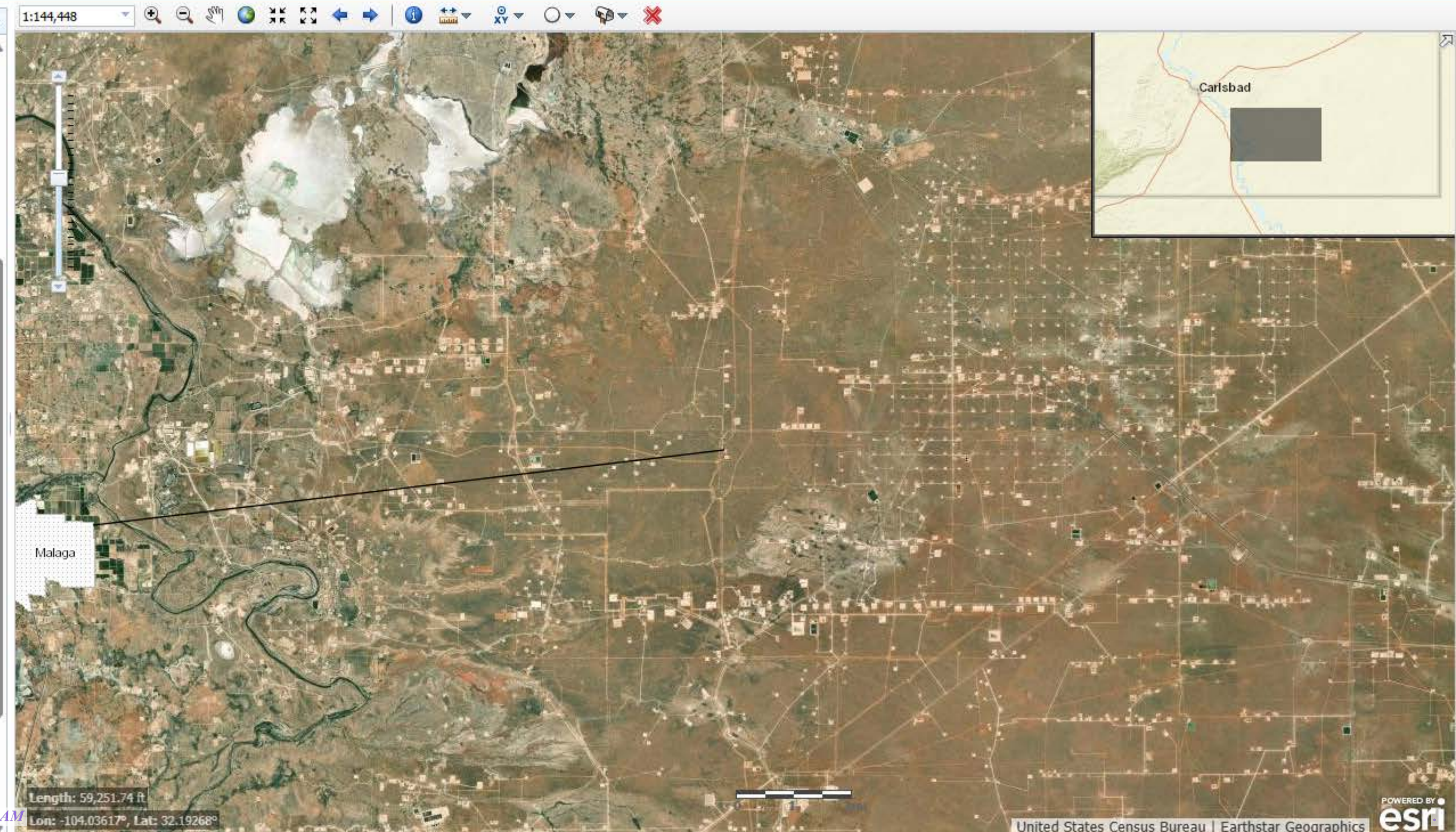
Legislative Boundaries

Places

Places

☒ Incorporated Place

☐ Census Designated Place





Map navigation icons: Home, Layers, Full Screen, Print, Measure, and Search.

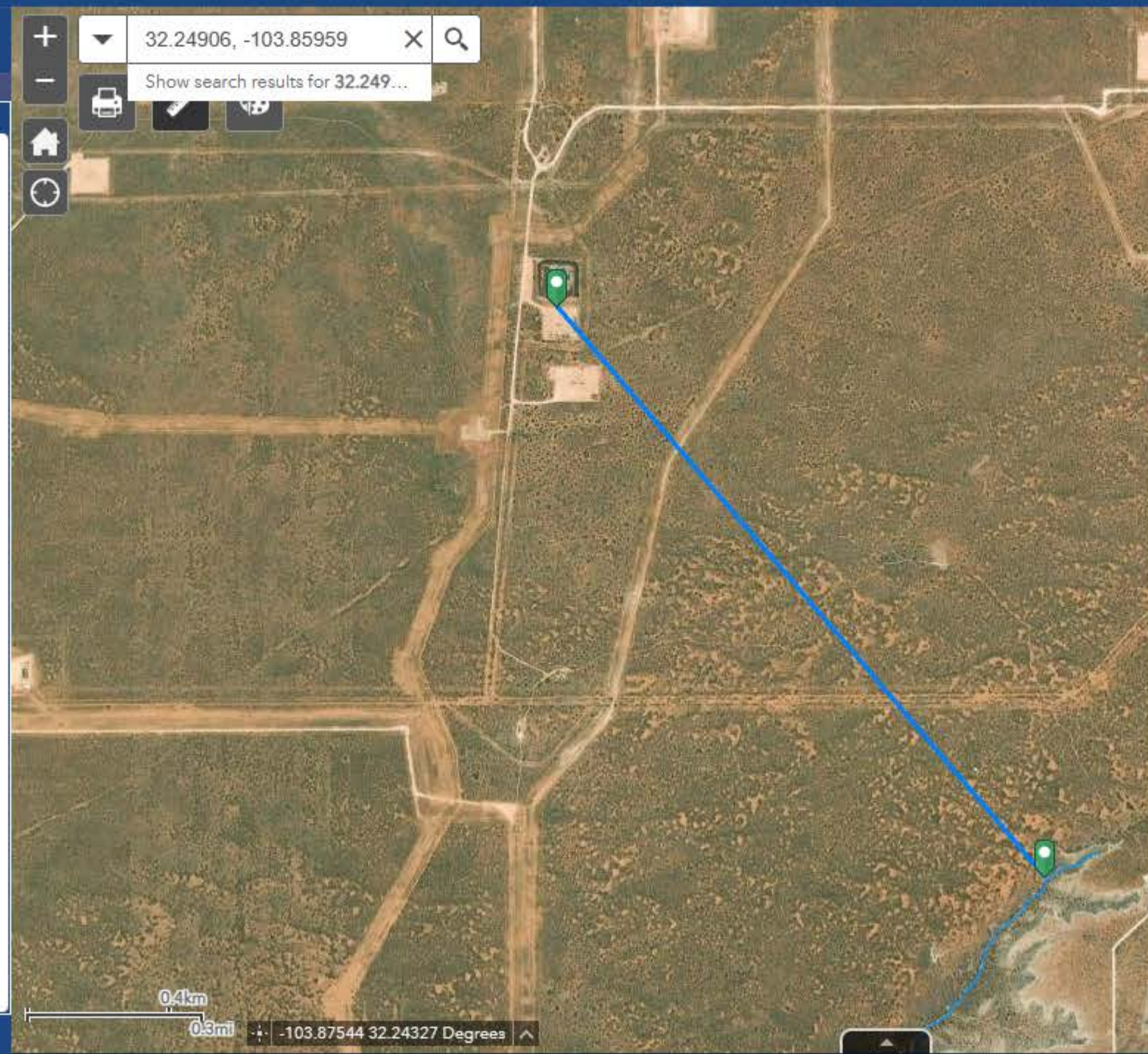
**Legend**

**Hydrology**

- NMED Drinking Water Systems
- OSE Streams
- OSE Probable Playas
- OSW Water Bodys

**OCD Districts**

- OCD District Offices



32.24906, -103.85959

Show search results for 32.249...

**Measurement**

Feet

**Measurement Result**

6,736.9 Feet

Clear

Press CTRL to enable snapping



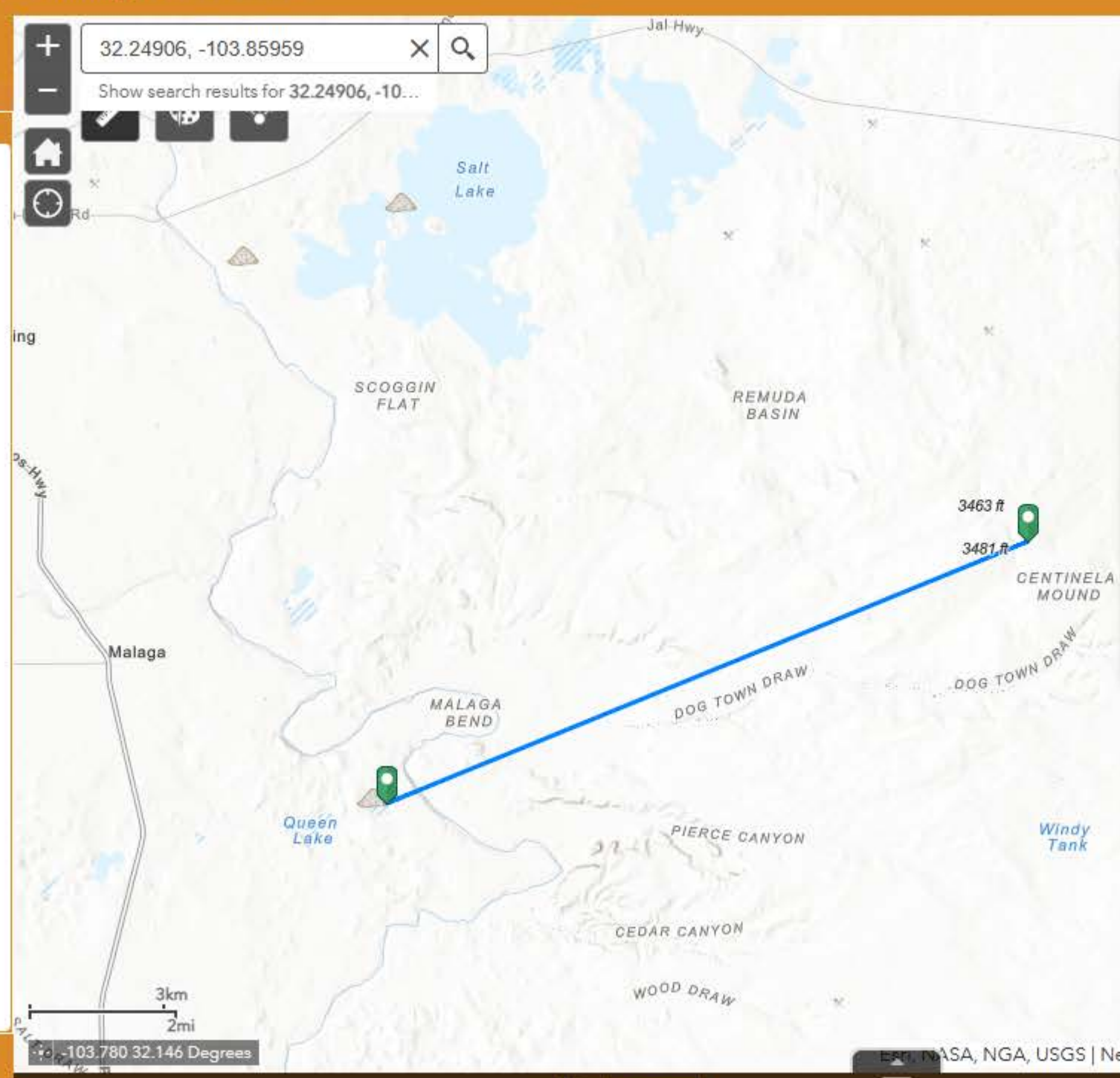





Legend

Registered Mines

- Aggregate, Stone etc.
- Coal
- Gypsum
- Humate
- Industrial Minerals (Other)
- Metals
- Perlite
- Potash
- PM Pumice
- Red Dog, Scoria
- Salt
- Uranium
- ZE Zeolites



Measurement



Feet

Measurement Result

49,396.7 Feet

Clear

Press CTRL to enable snapping

App State

Click to restore the map extent and layers visibility where you left off.

Legend

Permian Basin Karst Areas

Critical Karst Resource Area

Karst Occurrence Potential

Potential

High

Medium

Low

OCD Districts

OCD District Offices

OCD Districts

The map displays a geographic area with various colored overlays representing karst potential. A blue-shaded region indicates 'Medium' potential, while a darker blue area indicates 'High' potential. A line is drawn between two green location pins. One pin is labeled 'Artesia (2)' in purple text, and the other is labeled 'Salt Lake' in black text. The map includes a search bar at the top with the coordinates '32.24906, -103.85959' and a search icon. Below the search bar are icons for print, home, and a circular arrow. A scale bar at the bottom left shows '3km' and '2mi'. The bottom center of the map displays the coordinates '-103.83580 32.15172 Degrees'.

Measurement

Feet

Measurement Result

12,938.7 Feet

Clear

Press CTRL to enable snapping

Released to Imaging: 12/18/2023 11:15:59 AM

OCD | BLM, OCD, New Mexico Tech | Earthstar Geographics | Esri, HERE, Garmin

POWERED BY  
esri



Legend

Hydrology

NMED Drinking Water Systems

▲

OSE Streams

—

OSE Probable Playas

■

OSW Water Bodys

■

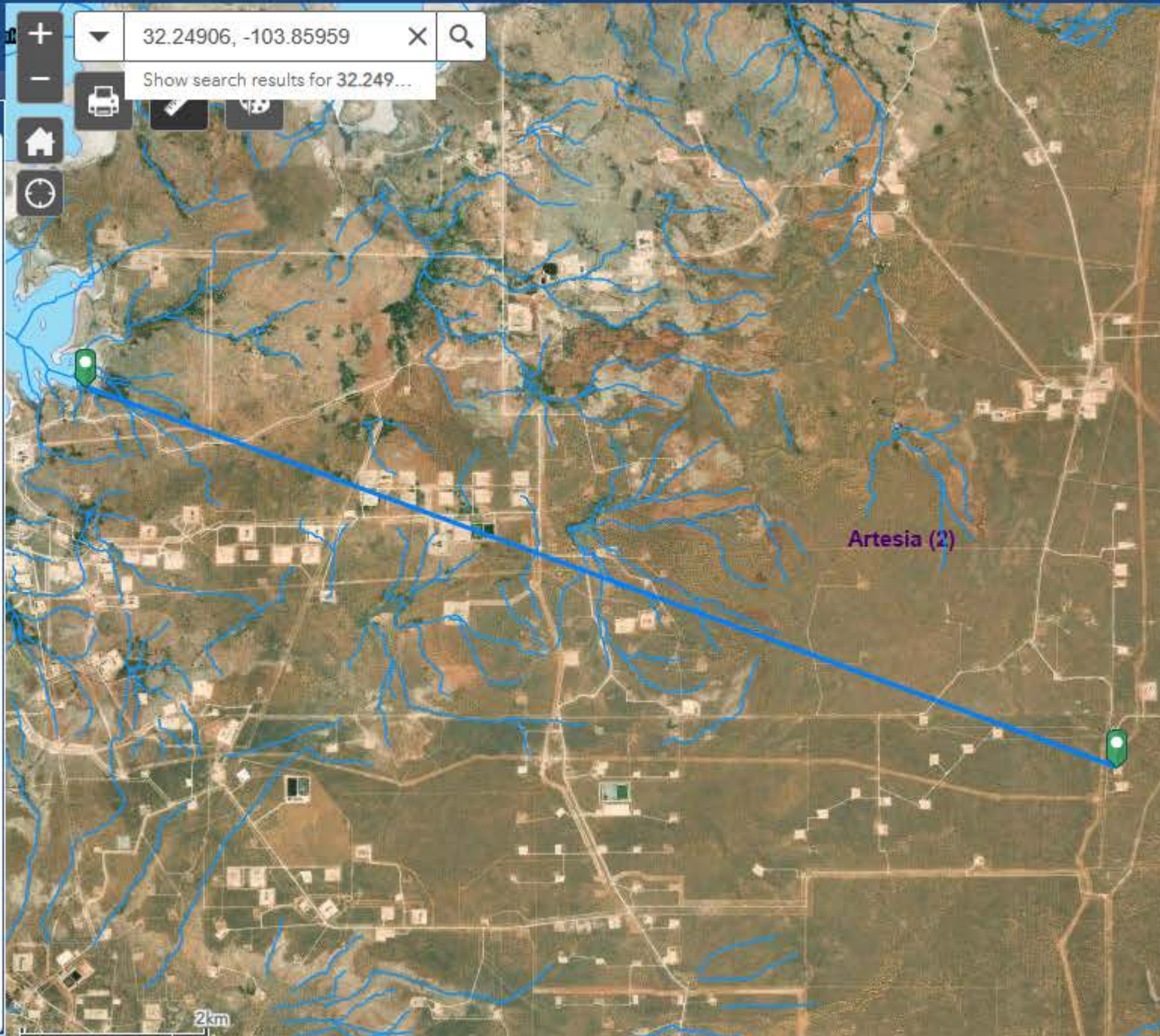
OCD Districts

OCD District Offices

★

OCD Districts

□



Measurement

1 Feet

Measurement Result

38,600.1 Feet

Clear

Press CTRL to enable snapping





### Legend

## OSE Water PODs



## USGS Groundwater wells

USGS Active Monitoring GW Wells



USGS Historical GW Wells

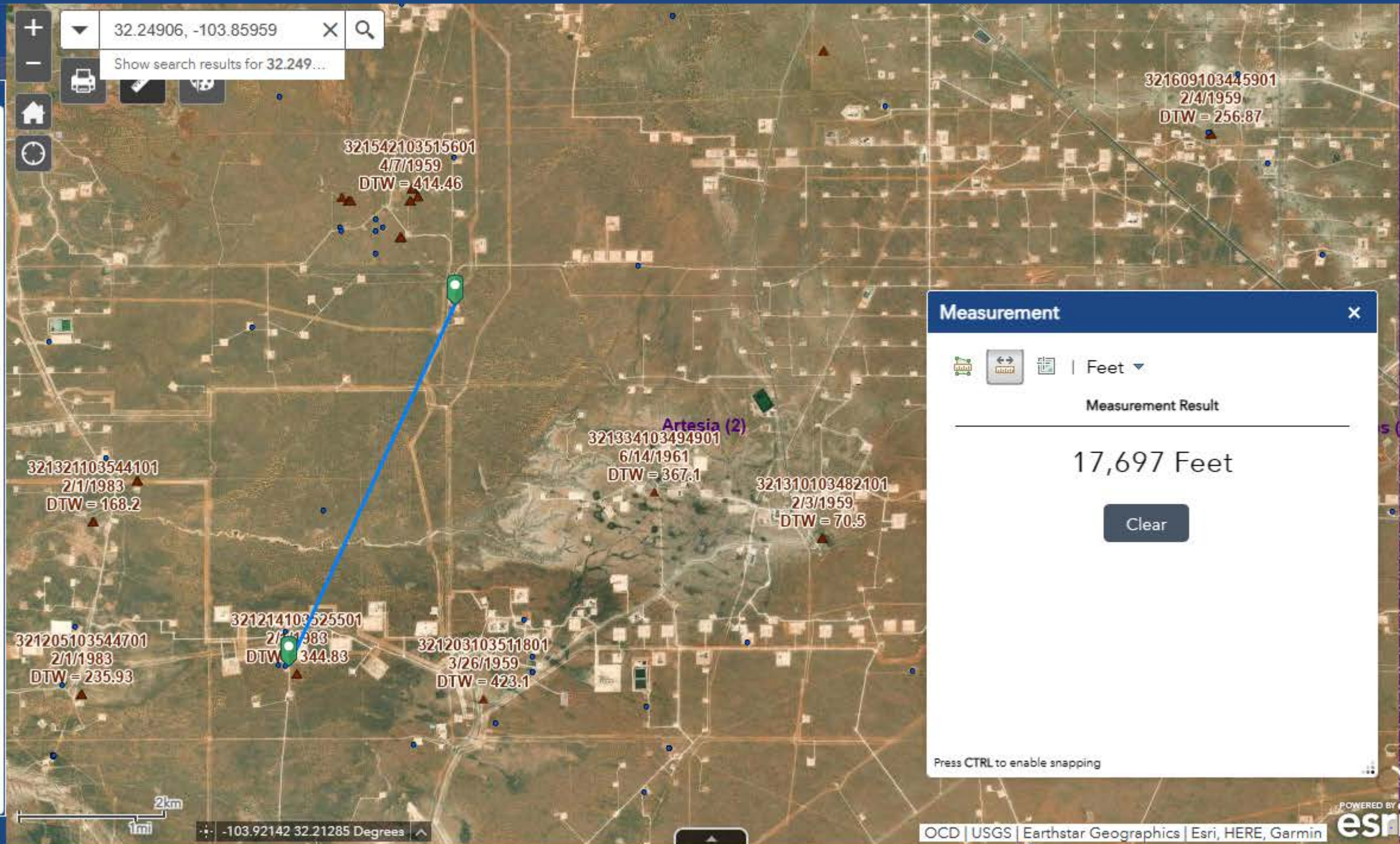


### OCD Districts

OCD District Offices



### OCD Districts







32.24906, -103.85959



Show search results for 32.24906, -10...

### Measurement



Feet

Measurement Result

11,410 Feet

Clear

Press CTRL to enable snapping

Eddy County  
350120

35015C1400D  
6/4/2010  
Not Printed

35015C1625D  
eff. 6/4/2010

35015C1650D  
eff. 6/4/2010

App State

Click to restore the map extent and layers visibility where you left off.



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2334731328 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

Release Notification

Responsible Party

|  |                                |
|--|--------------------------------|
| Responsible Party XTO Energy   | OGRID 5380                     |
| Contact Name Garrett Green   | Contact Telephone 575-200-0729 |
| Contact email garrett.green@exxonmobil.com                                 | Incident # (assigned by OCD)   |
| Contact mailing address 3104 E. Greene Street, Carlsbad, New Mexico, 88220 |                                |

Location of Release Source

Latitude 32.24906 Longitude -103.85959  
(NAD 83 in decimal degrees to 5 decimal places)

|   |                        |
|---|------------------------|
| Site Name PLU Big Sinks 2-24-30 Battery | Site Type Tank Battery |
| Date Release Discovered 12/4/2023       | API# (if applicable)   |

|             |         |          |       |        |
|-------------|---------|----------|-------|--------|
| Unit Letter | Section | Township | Range | County |
| E           | 02      | 24S      | 30E   | Eddy   |

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: )

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Crude Oil      | Volume Released (bbls) 1.00  | Volume Recovered (bbls) 1.00                             |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 7.00  | Volume Recovered (bbls) 7.00                             |
|  | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)  | Volume Recovered (Mcf)                                   |
| <input type="checkbox"/> Other (describe)          | Volume/Weight Released (provide units)   | Volume/Weight Recovered (provide units)                  |

Cause of Release Internal corrosion caused fluids to release at the inlet of the heater vessel into impermeable lined containment. All fluids were recovered. A 48-hour advance liner inspection notice was sent to NMOCD District 2. Liner was inspected and determined to be operating as designed. XTO requests closure of this incident.



|                |  |
|----------------|--|
| Incident ID    |  |
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

|   |   |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release?<br>N/A |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>N/A                   |   |

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

|  |   |
|--|---|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.   |   |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br>NA   |   |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |   |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |   |
| Printed Name: <u>Garrett Green</u>   | Title: <u>Environmental Coordinator</u> |
| Signature: _____   | Date: _____                             |
| email: <u>garrett.green@exxonmobil.com</u>   | Telephone: <u>575-200-0729</u>          |
| <b><u>OCD Only</u></b><br>Received by: _____ Date: _____   |   |



|                |                |
|----------------|----------------|
| Incident ID    | nAPP2334731328 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

|   |   |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release?   | >100 _____ (ft bgs)   |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.



State of New Mexico  
Oil Conservation Division

Page 4

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2334731328 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Garrett Green Title: Environmental Coordinator

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

email: garrett.green@exxonmobil.com Telephone: 575-200-0729

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



|                |                |
|----------------|----------------|
| Incident ID    | nAPP2334731328 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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.

Printed Name: Garrett Green Title: Environmental Coordinator  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
email: garrett.green@exxonmobil.com Telephone: 575-200-0729

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



|                               |                                      |        |
|-------------------------------|--------------------------------------|--------|
| <b>Location:</b>              | <b>PLU Big Sinks 2-24-30 Battery</b> |        |
| <b>Spill Date:</b>            | <b>12/4/2023</b>                     |        |
| <b>Area 1</b>                 |                                      |        |
| Approximate Area =            | 39.30                                | cu.ft. |
| VOLUME OF LEAK                |                                      |        |
| Total Crude Oil =             | 1.00                                 | bbls   |
| Total Produced Water =        | 7.00                                 | bbls   |
| <b>TOTAL VOLUME OF LEAK</b>   |                                      |        |
| Total Crude Oil =             | 1.00                                 | bbls   |
| Total Produced Water =        | 7.00                                 | bbls   |
| <b>TOTAL VOLUME RECOVERED</b> |                                      |        |
| Total Crude Oil =             | 1.00                                 | bbls   |
| Total Produced Water =        | 7.00                                 | bbls   |















**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 295511

**QUESTIONS**

|   |   |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:  |
|   | 5380  |
|   | Action Number:<br>295511  |
|   | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                      |   |
|----------------------|---|
| <b>Prerequisites</b> |   |
| Incident ID (n#)     | nAPP2334731328                            |
| Incident Name        | NAPP2334731328 PLU BS 2-24-30 BATTERY @ 0 |
| Incident Type        | Produced Water Release                    |
| Incident Status      | Remediation Closure Report Received       |

**Location of Release Source**

Please answer all the questions in this group.

|                         |                        |
|-------------------------|------------------------|
| Site Name               | PLU BS 2-24-30 Battery |
| Date Release Discovered | 12/04/2023             |
| Surface Owner           | State                  |

**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  | Cause: Corrosion   Other (Specify)   Crude Oil   Released: 1 BBL   Recovered: 1 BBL   Lost: 0 BBL.      |
| Produced Water Released (bbls) Details   | Cause: Corrosion   Other (Specify)   Produced Water   Released: 7 BBL   Recovered: 7 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) | inlet on the heater   |



**District I**

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1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 295511

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:         | 5380  |
|   | Action Number: | 295511  |
|   | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |                |   |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>  |  |
|--|--|
| Is this a gas only submission (i.e. only significant Mcf values reported)  | <b>No, according to supplied volumes this does not appear to be a "gas only" report.</b> |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC   | <b>No</b>  |
| Reasons why this would be considered a submission for a notification of a major release  | <i>Unavailable.</i>  |
| <i>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.</i> |  |

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

*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: Melanie Collins<br>Title: Regulatory Analyst<br>Email: <a href="mailto:Melanie.Collins@exxonmobil.com">Melanie.Collins@exxonmobil.com</a><br>Date: 12/18/2023 |
|--|---|

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 295511

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
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|   |                |   |

**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 release discovery date.

|  |                           |
|--|---------------------------|
| 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  | Attached Document         |
| Did this release impact groundwater or surface water   | No                        |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>   |                           |
| 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)  | Greater than 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  | 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   | Between 1 and 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 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.  |            |
| On what estimated date will the remediation commence   | 12/15/2023 |
| On what date will (or did) the final sampling or liner inspection occur  | 12/15/2023 |
| On what date will (or was) the remediation complete(d)   | 12/15/2023 |
| 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 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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QUESTIONS, Page 4

Action 295511

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:         | 5380  |
|   | Action Number: | 295511  |
|   | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |                |   |

**QUESTIONS**

|  |   |
|--|---|
| <b>Remediation Plan (continued)</b>  |   |
| <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>   |   |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>   |   |
| <i>(Select all answers below that apply.)</i>  |   |
| 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)  | No  |
| <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: Melanie Collins<br>Title: Regulatory Analyst<br>Email: <a href="mailto:Melanie.Collins@exxonmobil.com">Melanie.Collins@exxonmobil.com</a><br>Date: 12/18/2023 |
| <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 295511

**QUESTIONS (continued)**

|   |                |   |
|---|----------------|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:         | 5380  |
|   | Action Number: | 295511  |
|   | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|   |                |   |

**QUESTIONS**

|   |                   |
|---|-------------------|
| <b>Liner Inspection Information</b>   |                   |
| Last liner inspection notification (C-141L) recorded  | <b>294086</b>     |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | <b>12/15/2023</b> |
| Was all the impacted materials removed from the liner   | <b>Yes</b>        |
| What was the liner inspection surface area in square feet   | <b>3500</b>       |

**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                  | <b>Yes</b>  |
| Have the lateral and vertical extents of contamination been fully delineated    | <b>Yes</b>  |
| Was this release entirely contained within a lined containment area             | <b>Yes</b>  |
| What was the total surface area (in square feet) remediated                     | <b>3500</b>   |
| What was the total volume (cubic yards) remediated                              | <b>1.6</b>  |
| Summarize any additional remediation activities not included by answers (above) | <b>All fluids were recovered. Liner was inspected and had no holes, tears or cracks. Photos attached.</b> |

*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: Melanie Collins<br>Title: Regulatory Analyst<br>Email: <a href="mailto:Melanie.Collins@exxonmobil.com">Melanie.Collins@exxonmobil.com</a><br>Date: 12/18/2023 |
|--|---|



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CONDITIONS  
  
Action 295511

CONDITIONS

|   |   |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:<br>5380  |
|   | Action Number:<br>295511  |
|   | Action Type:<br>[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 #NAPP2334731328 PLU BS 2-24-30 BATTERY, thank you. This Remediation Closure Report is approved. | 12/18/2023     |