

**Spill Volume(Bbls) Calculator***Inputs in blue, Outputs in red*

|                               |                                   |                   |
|-------------------------------|-----------------------------------|-------------------|
| Length(Ft)                    | Width(Ft)                         | Depth(In)         |
| <u>120.000</u>                | <u>30.000</u>                     | <u>0.750</u>      |
| Cubic Feet Impacted           |                                   | <u>225.000</u>    |
| Barrels                       |                                   | <u>40.07</u>      |
| Soil Type                     |                                   | Lined Containment |
| Bbls Assuming 100% Saturation |                                   | <u>40.07</u>      |
| Saturation                    | Fluid present with shovel/backhoe |                   |
| Estimated Barrels Released    | 40.10000                          |                   |

**Instructions**

1. Input spill measurements below. Length and width need to be input in feet and depth in inches.

2. Select a soil type from the drop down menu.

3. Select a saturation level from the drop down menu.

(For data gathering instructions see appendix tab)

**Measurements**

|             |       |
|-------------|-------|
|             |       |
| Length (ft) | 120   |
| Width (ft)  | 30    |
| Depth (in)  | 0.750 |











## DARTER 9 STATE 8 BATTERY

Incident ID nAPP2523232618

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:  
Spur Energy

## Liner Inspection and Closure Report

October 14, 2025

|                 |                          |
|-----------------|--------------------------|
| FACILITY NAME   | Darter 9 State 8 Battery |
| DATE OF RELEASE | 8/13/2025                |
| INCIDENT NO.    | nAPP2523232618           |



Pima Environmental Services  
5614 N. Lovington Highway  
Hobbs, NM 88240  
575-964-7740

|                                                                                                                                                                                                                                                                                                     |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                                                                        |                                     |
| DTGW<br>What is the shallowest DTGW beneath the area affected by the release in ft below ground surface (ft bgs)                                                                                                                                                                                    | Between 75 and 100 ft.              |
| GW Depth Determination<br>What method was used to determine the DTGW?                                                                                                                                                                                                                               | OCD Imaging Records Lookup          |
| Ground or Surface Water Impacted<br>Did this release impact GW or Surface Water?                                                                                                                                                                                                                    | No                                  |
| <b>What is the min. distance between the closest lateral extents of the release and the following surace areas?</b>                                                                                                                                                                                 |                                     |
| Distance to Watercourse<br>A continuously flowing watercourse or any other significant watercourse?                                                                                                                                                                                                 | > 5 mi.                             |
| Distance to Lakebed<br>Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?                                                                                                                                                                                           | > 5 mi.                             |
| Distance to Public<br>An occupied permanent residence, school, hospital, institution, or church?                                                                                                                                                                                                    | > 5 mi.                             |
| Distance to Private<br>A spring or a private domestic FW well used by less than five households for domestic or stock watering purposes?                                                                                                                                                            | Between 1 mi. and 5 mi.             |
| Distance to Fresh Water<br>Any other FW well spring?                                                                                                                                                                                                                                                | Between 1 mi. and 5 mi.             |
| Within Municipal Boundaries<br>Incorporated municipal boundaries or a defined municipal FW well field?                                                                                                                                                                                              | Between 1 mi. and 5 mi.             |
| Distance to Wetland<br>A wetland?                                                                                                                                                                                                                                                                   | Between 1/2 mi. and 1 mi.           |
| Overlying Subsurface Mine<br>A subsurface mine?                                                                                                                                                                                                                                                     | > 5 mi.                             |
| Overlying (Non-Karst) Unstable Area<br>An (non-karst) unstable area?                                                                                                                                                                                                                                | > 5 mi.                             |
| Risk of Karst Geology<br>Categorize the risk of this well/site being in a karst geology?                                                                                                                                                                                                            | High                                |
| Distance to or Within 100 yr Floodplain<br>A 100-year floodplain?                                                                                                                                                                                                                                   | Between 1 mi. and 5 mi.             |
| Areas NOT Other Site<br>Did the release impact areas not on exploration, development, production, or storage site?                                                                                                                                                                                  | No                                  |
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                             |                                     |
| Have the lateral and vertical extents of contamination been fully delineated?                                                                                                                                                                                                                       | Yes                                 |
| Lined Containment Area Only<br>Was this release entirely contained within a lined containment area?                                                                                                                                                                                                 | Yes                                 |
| <b>Soil Containment Sampling</b>                                                                                                                                                                                                                                                                    | (EPA 300.00 or SM4500 Cl B?)        |
| Chloride                                                                                                                                                                                                                                                                                            | 0                                   |
| Constituent Chloride (mg/kg)                                                                                                                                                                                                                                                                        | (EPA SW-846 Method 8015M)?          |
| TPH (GRO+DRO+MRO)<br>Constituent TPH (mg/kg)                                                                                                                                                                                                                                                        | 0                                   |
|                                                                                                                                                                                                                                                                                                     | (EPA SW-846 Method 8015M)?          |
| GRO + DRO<br>Constituent GRO-DRO (mg/kg)                                                                                                                                                                                                                                                            | 0                                   |
|                                                                                                                                                                                                                                                                                                     | (EPA SW-846 Method 8021B or 8260B)? |
| BTEX<br>Constituent BTEX (mg/kg)                                                                                                                                                                                                                                                                    | 0                                   |
|                                                                                                                                                                                                                                                                                                     | (EPA SW-846 Method 8021B or 8260B)? |
| Benzene<br>Constituent Benzene (mg/kg)                                                                                                                                                                                                                                                              | 0                                   |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes competed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29 NMAC, which includes the anticipated timelines for beginning and completing the remediation. |                                     |
| Start of Remediation<br>On what estimated date will remediation commence?                                                                                                                                                                                                                           | 9/23/2025                           |
| Start of Sampling or Liner Inspection<br>On what date will (or did) the final sampling or liner inspection occur?                                                                                                                                                                                   | 9/23/2025                           |
| Finish of Remediation<br>On what date will (or was) the remediation complete(d)?                                                                                                                                                                                                                    | 9/23/2025                           |
| Surface Area (sq ft) To Be Reclaimed<br>What is the estimated surface area (in sq ft) that will be reclaimed?                                                                                                                                                                                       | 0                                   |
| Surface Area (sq ft) To Be Remediated<br>What is the estimated surface area (in sq ft) that will be remediated?                                                                                                                                                                                     | 0                                   |
| Volume (cu yd) To Be Remediated<br>What is the estimated volume (in cubic yds) that will be remediated?                                                                                                                                                                                             | 0                                   |
| <b>Remediation Plan (Cont.)<br/>Please answer all that apply</b>                                                                                                                                                                                                                                    |                                     |
| Ex Situ Excavation Off-Site<br>(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc)?                                                                                                                                                                                       | Yes                                 |
| Ex Situ Excavation On-Site<br>(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)?                                                                                                                                                                                               | No                                  |
| In Situ Soil Vapor Extraction (SVE)?                                                                                                                                                                                                                                                                | No                                  |
| In Situ Chemical Processing<br>(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)?                                                                                                                                                                                   | No                                  |
| In Situ Biological Processing<br>(In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)?                                                                                                                                                                                                  | No                                  |
| In Situ Physical Processing<br>(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)?                                                                                                                                                                                            | No                                  |
| In Situ Ground Water Abatement<br>GW Abatement pursuant to 19.15.30 NMAC?                                                                                                                                                                                                                           | No                                  |
| Remediation Other<br>Other (Non-listed remedial process)?                                                                                                                                                                                                                                           | No                                  |
| <b>Deferral Request Only</b>                                                                                                                                                                                                                                                                        |                                     |
| Requesting a deferral of the remediation closure due date with the approval of this submission                                                                                                                                                                                                      | No                                  |

|                 |                                 |
|-----------------|---------------------------------|
| FACILITY NAME   | <b>Darter 9 State 8 Battery</b> |
| DATE OF RELEASE | <b>8/13/2025</b>                |
| INCIDENT NO.    | <b>nAPP2523232618</b>           |



**Pima Environmental Services**  
**5614 N. Lovington Highway**  
**Hobbs, NM 88240**  
**575-964-7740**

|                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                           |
| <b>Restored Areas For Production Use</b><br>All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion?                                                         | Yes                                                                                                                                                                                                                           |
| <b>Total Surface Area (sq ft) Remediated</b><br>What was the total surface area (sq ft) remediated?                                                                                                                                                                                                                             | 4,500                                                                                                                                                                                                                         |
| <b>Total Volume (cu yd) Remediated</b><br>What was the total volume (cubic yards) remediated?                                                                                                                                                                                                                                   | 0                                                                                                                                                                                                                             |
| <b>Reclaimed to Condition Prior Release</b><br>All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four ft of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX and 10 mg/kg Benzene? | Yes                                                                                                                                                                                                                           |
| <b>Total Surface Area (sq ft) Reclaimed</b><br>What was the total surface area (in sq ft) reclaimed?                                                                                                                                                                                                                            | 0                                                                                                                                                                                                                             |
| <b>Remediation Summary</b><br>Summarize any additional remedial activities not included by answers (above).                                                                                                                                                                                                                     | The lined containment was power-washed, and all standing fluids were recovered using a vacuum truck. Following remediation, a liner inspection was conducted, confirming that the containment liner maintained its integrity. |



**Pima Environmental Services**  
**5614 N. Lovington Highway**  
**Hobbs, NM 88240**  
**575-964-7740**

October 14, 2025

NMOCD District 2  
811 S. First St  
Artesia, NM, 88210

**RE: Liner Inspection and Closure Report**  
**Darter 9 State 8 Battery**  
**API No. N/A**  
**GPS: Latitude 32.85149 Longitude -104.08746**  
**UL- E, Section 09, Township 17S, Range 29E**  
**NMOCD Reference No. nAPP2523232618**

Spur Energy Partners (Spur) has contracted Pima Environmental Services, LLC (Pima) to perform a liner inspection and prepare this closure report for the release of produced water that happened on the Darter 9 State 8 Battery (Darter). An initial C-141 was submitted on August 20, 2025. This incident was assigned Incident ID nAPP2523232618, by the New Mexico Oil Conservation Division (NMOCD).

#### **Site Information and Site Characterization**

The Darter is located approximately 6.64 miles northwest of Loco Hills, NM. This spill site is in Unit E, Section 09, Township 17S, Range 29E, Latitude 32.85149, Longitude -104.08746, Eddy County, NM. A Location Map can be found in Figure 1.

According to well water records from the New Mexico Office of the State Engineer (OSE), the nearest groundwater in this vicinity is encountered at a depth of approximately 76 feet below ground surface (BGS), located 2.55 miles from the Darter, with the well originally drilled on November 23, 2012. In comparison, United States Geological Survey (USGS) data indicates a groundwater depth of about 24 feet BGS at a location roughly 4.75 miles from the site, based on measurements last recorded in 2015. Detailed references to these surveys, along with precise well locations, are provided in Appendix A, which includes supporting maps. The Darter site is situated within an area classified as having high karst potential, as shown in Figure 3. Additionally, a topographic overview of the area is provided in Figure 2.

#### **Release Information**

**nAPP2523232618:** On August 13, 2025, a transfer pump malfunction caused a tank to overflow, resulting in the release of approximately 40 barrels of fluid into the lined containment. Spur personnel promptly responded to the incident and successfully recovered the entire volume using a vacuum truck. A site map is provided in Figure 4 for reference.

#### **Site Assessment and Liner Inspection**

On September 17, 2025, Spur personnel submitted a notification for a liner inspection, adhering to the necessary 48-hour notice period. The details of the 48-hour notification can be referenced in Appendix C.

On September 23, 2025, Pima Environmental conducted a thorough inspection of the lined containment area. The evaluation process included cleaning the liner with a power washer and using a vacuum truck to ensure the complete removal of any residual fluids. The inspection confirmed that the system remained intact and successfully retained all fluids. As a result, the liner was deemed functional, preventing any further environmental impact. A detailed report, including photographic evidence, is provided in Appendices C and D.

**Closure Request**

After careful review, Pima requests that this incident nAPP2523232618 be closed. Spur has complied with the applicable closure requirements.

For questions or additional information, please feel free to contact:

Spur Energy – Katherine Purvis at 575-441-8619 or [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Pima Environmental Services – Sebastian Orozco at 619-721-4813 or [Sebastian@pimaoil.com](mailto:Sebastian@pimaoil.com).

**Attachments**

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

Appendix A- Referenced Water Surveys

Appendix B- Soil Survey, Geological Data, FEMA Flood Map, Wetland Map

Appendix C-48 Hour Notification and Liner Inspection Form

Appendix D- Photographic Documentation

## Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Site Map



# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
Location Map

## Legend

-  6.64 miles northwest of Loco Hills
-  DARTER 9 STATE 8 BATTERY

DARTER 9 STATE 8 BATTERY

U.S. Hwy 82

Loco Hills

82

Google Earth

3 mi



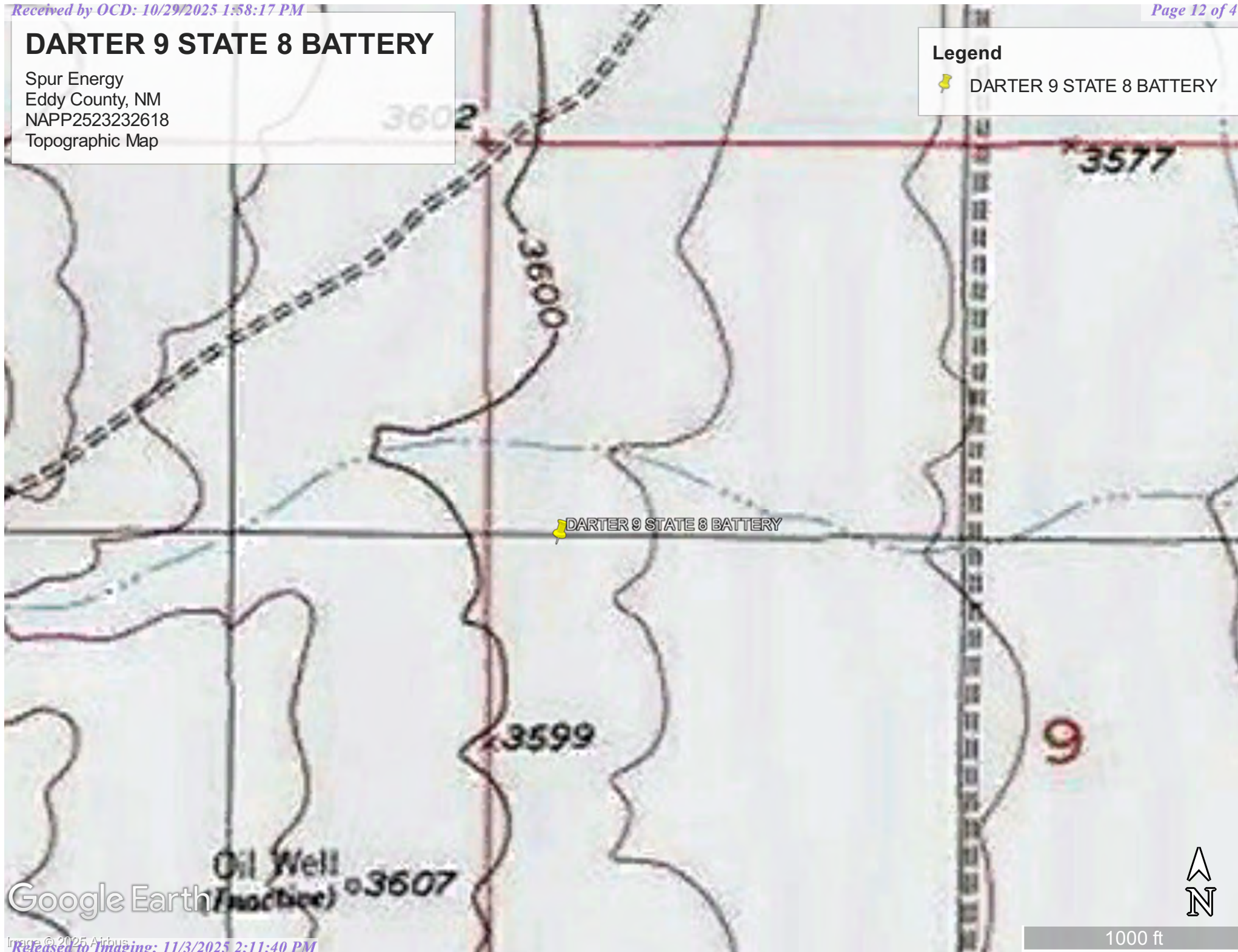


## DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
Topographic Map

### Legend

 DARTER 9 STATE 8 BATTERY





# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
Karst Map

## Legend

-  DARTER 9 STATE 8 BATTERY
-  High Karst
-  Low Karst
-  Medium Karst

 DARTER 9 STATE 8 BATTERY

Google Earth

1 mi





# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
Site Map

## Legend

 Liner Inspection Area





## Appendix A

### Water Surveys:

- OSE
- USGS
- Surface Water Map

# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
quarters are smallest to largest NAD83 UTM in meters

| Well Tag | POD Nbr | Q64 | Q16 | Q4 | Sec | Tw  | Rng | X        | Y         | Map                                                                                 |
|----------|---------|-----|-----|----|-----|-----|-----|----------|-----------|-------------------------------------------------------------------------------------|
| RA 11807 | POD1    | NW  | NE  | SW | 22  | 17S | 29E | 587359.7 | 3631585.6 |  |

\* UTM location was derived from PLSS - see Help

|                   |                      |                    |                           |
|-------------------|----------------------|--------------------|---------------------------|
| Driller License:  | 1348                 | Driller Company:   | TAYLOR WATER WELL SERVICE |
| Driller Name:     | TAYLOR, CLINTON E.   |                    |                           |
| Drill Start Date: | 2012-11-23           | Drill Finish Date: | 2012-11-26                |
| Log File Date:    | 2013-03-26           | PCW Rcv Date:      | Source:                   |
| Pump Type:        | Pipe Discharge Size: | Estimated Yield:   | 4                         |
| Casing Size:      | 4.50                 | Depth Well:        | 131                       |
| Depth Water:      | 76                   |                    |                           |

## Water Bearing Stratifications:

| Top | Bottom | Description   |
|-----|--------|---------------|
| 104 | 128    | Other/Unknown |

## Casing Perforations:

| Top | Bottom |
|-----|--------|
| 91  | 131    |

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

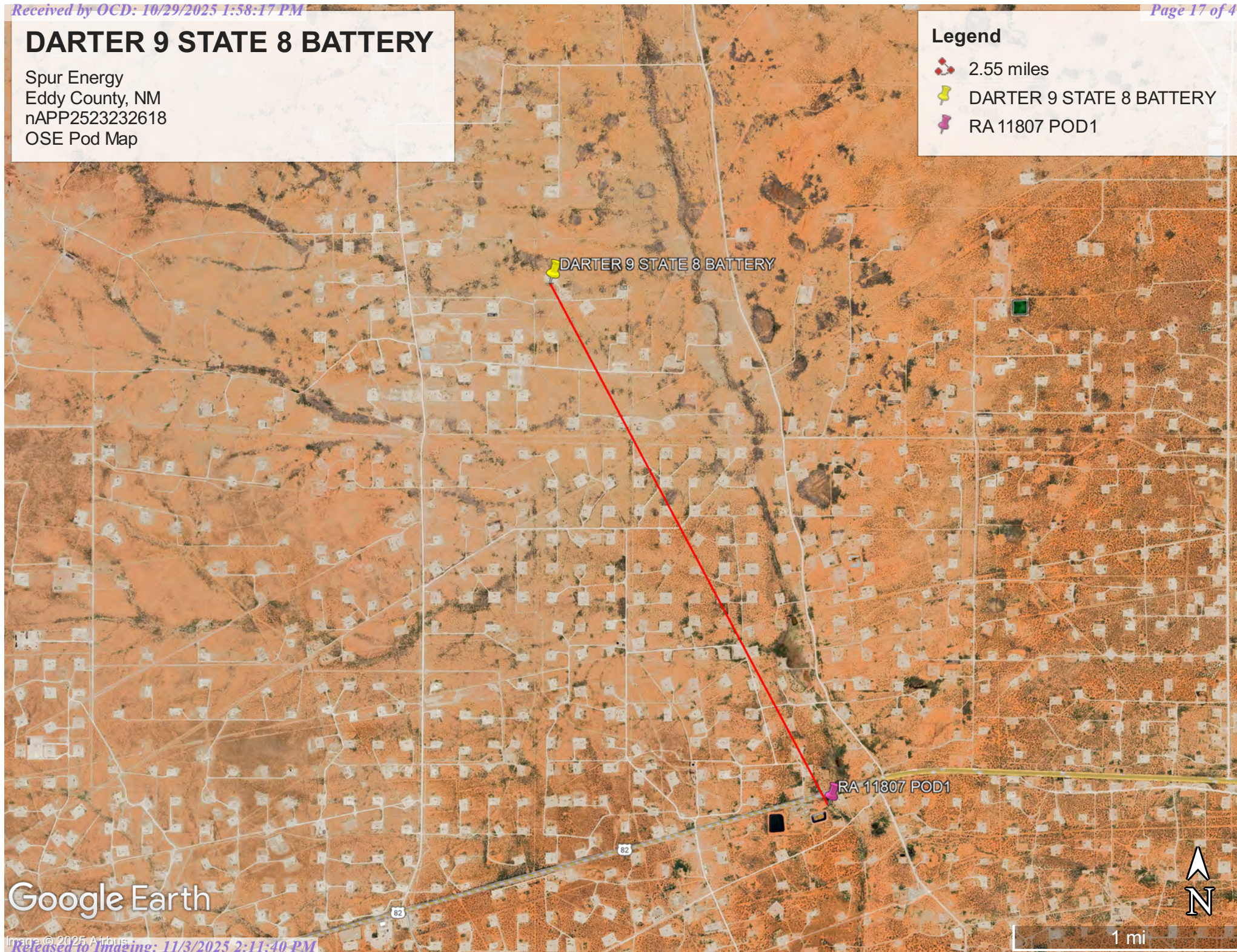


# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
nAPP2523232618  
OSE Pod Map

## Legend

- 2.55 miles
- DARTER 9 STATE 8 BATTERY
- RA 11807 POD1



Google Earth

Image © 2025 Airbus  
Released to Imaging: 11/3/2025 2:11:40 PM





[USGS Home](#)  
[Contact USGS](#)  
[Search USGS](#)

## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater ▼

Geographic Area:

United States ▼

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time 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** =

- 325448104071801

**Minimum number of levels** = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 325448104071801 16S.28E.24.22423A

Available data for this site

Groundwater: Field measurements ▼

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°54'48", Longitude 104°07'18" NAD27

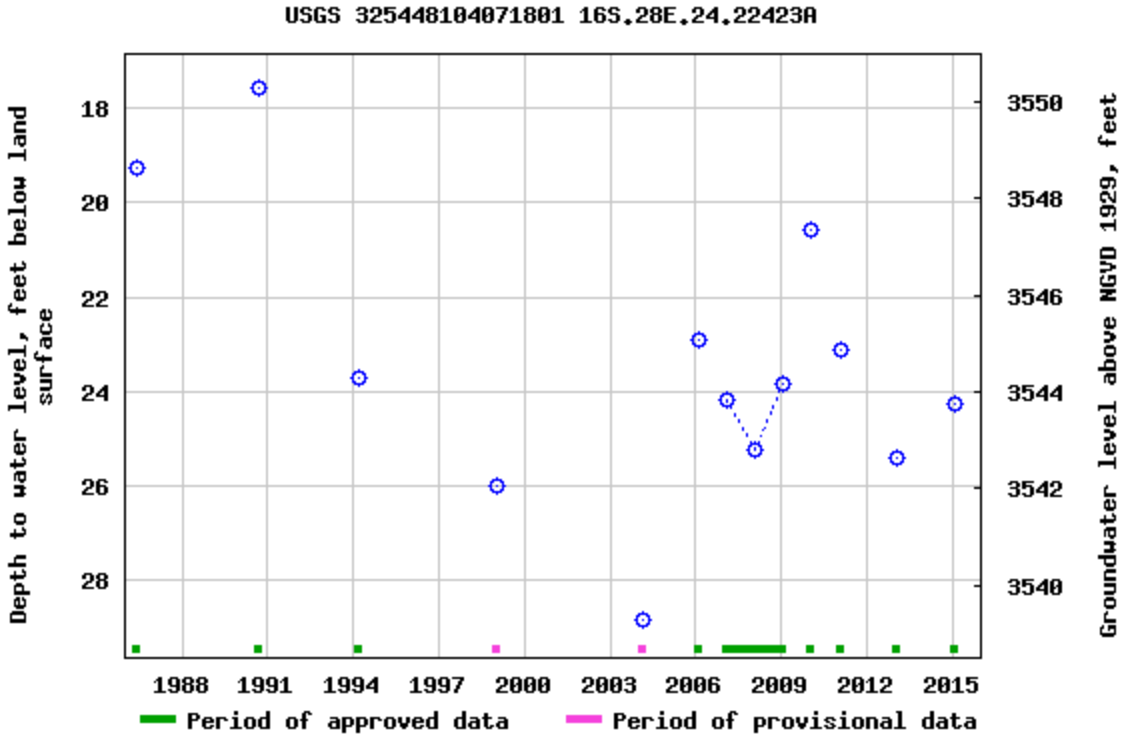
Land-surface elevation 3,568 feet above NGVD29

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

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

|                                    |
|------------------------------------|
| <a href="#">Table of data</a>      |
| <a href="#">Tab-separated data</a> |
| <a href="#">Graph of data</a>      |
| <a href="#">Reselect period</a>    |



Breaks in the plot represent a gap of at least one year between field measurements.

[Download a presentation-quality graph](#)

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**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**

Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2025-08-21 13:03:28 EDT

0.67 0.56 nadww02



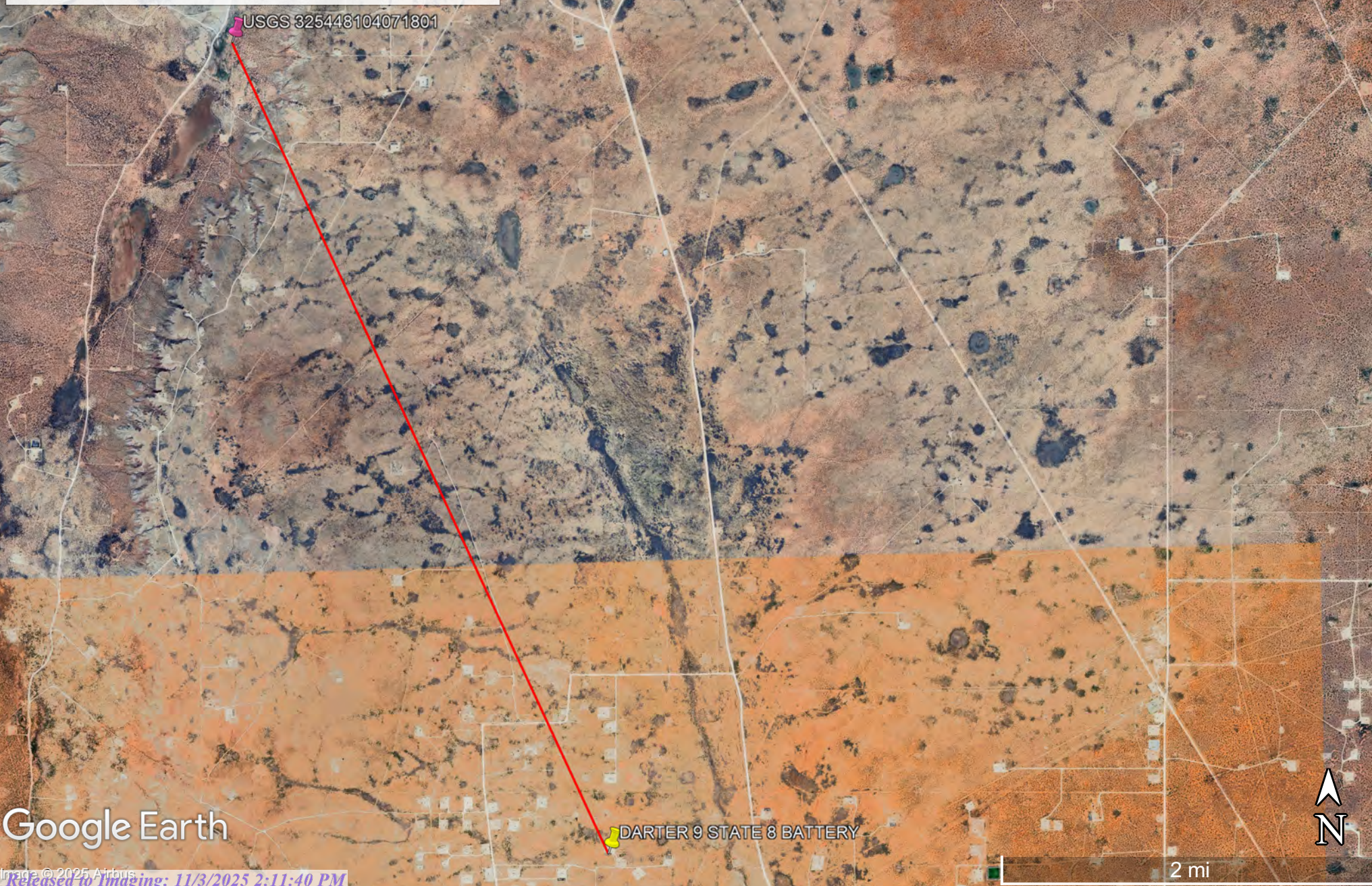


# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
USGS Map

## Legend

- 4.70 miles
- DARTER 9 STATE 8 BATTERY
- USGS 325448104071801



Google Earth

2 mi



# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
Surface Water Map

## Legend

- 6.96 miles
- DARTER 9 STATE 8 BATTERY
- Jahne Lake

Jahne Lake

DARTER 9 STATE 8 BATTERY

Google Earth

4 mi





## Appendix B

- Soil Survey & Soil Maps
- Geological Data
- FEMA Flood Map
- Wetlands Map



Map Unit Description: Kimbrough-Stegall loams, 0 to 3 percent slopes---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### KT—Kimbrough-Stegall loams, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w4t

*Elevation:* 2,750 to 5,000 feet

*Mean annual precipitation:* 8 to 16 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 230 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kimbrough and similar soils:* 70 percent

*Stegall and similar soils:* 25 percent

*Minor components:* 5 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Kimbrough

##### Setting

*Landform:* Alluvial fans, plains

*Landform position (three-dimensional):* Rise, tal

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 3 inches:* loam

*H2 - 3 to 9 inches:* loam

*H3 - 9 to 60 inches:* indurated

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 8 to 20 inches to petrocalcic

*Drainage class:* Well drained

*Runoff class:* Very high

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 15 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Very low (about 1.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7s

Map Unit Description: Kimbrough-Stegall loams, 0 to 3 percent slopes---Eddy Area, New Mexico

---

*Hydrologic Soil Group:* D  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

### Description of Stegall

#### Setting

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

#### Typical profile

*H1 - 0 to 5 inches:* loam  
*H2 - 5 to 28 inches:* clay loam  
*H3 - 28 to 32 inches:* indurated  
*H4 - 32 to 60 inches:* variable

#### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 20 to 40 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*Capacity of the most limiting layer to transmit water (Ksat):* Low to moderately high (0.01 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 90 percent  
*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Low (about 4.8 inches)

#### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* C  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

### Minor Components

#### Simona

*Percent of map unit:* 5 percent  
*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

## Data Source Information

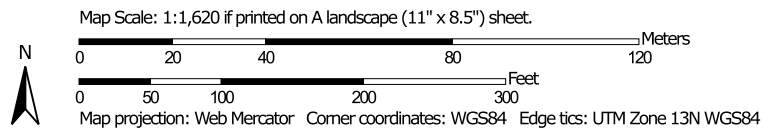
Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 20, Sep 3, 2024



Soil Map—Eddy Area, New Mexico



Soil Map may not be valid at this scale.



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

8/21/2025  
Page 1 of 3

Soil Map—Eddy Area, New Mexico

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: Eddy Area, New Mexico  
Survey Area Data: Version 20, Sep 3, 2024

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

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

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.





Map Unit Legend

| Map Unit Symbol             | Map Unit Name                                  | Acres in AOI | Percent of AOI |
|-----------------------------|------------------------------------------------|--------------|----------------|
| KT                          | Kimbrough-Stegall loams, 0 to 3 percent slopes | 6.0          | 60.7%          |
| RA                          | Reagan loam, 0 to 3 percent slopes             | 3.9          | 39.3%          |
| Totals for Area of Interest |                                                | 9.9          | 100.0%         |

(<https://www.usgs.gov/>)

Mineral Resources (<https://www.usgs.gov/energy-and-minerals/mineral-resources-program>)  
/ Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/)  
/ New Mexico (/geology/state/state.php?state=NM)

Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region

XML (/geology/state/xml/NMQoa;0)

JSON (/geology/state/json/NMQoa;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQoa;0)

*Includes scattered lacustrine, playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blanco, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of Quaternary deposits.*

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| State                   | New Mexico (/geology/state/state.php?state=NM)                                                                                                                                                                                                                                                                                                                                                                              |
| Name                    | Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region                                                                                                                                                                                                                                                                                              |
| Geologic age            | Middle to lower Pleistocene                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lithologic constituents | Major<br>Unconsolidated (Alluvial, Lacustrine, Eolian) Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region                                                                                                                                                                                                                                       |
| References              | <div>Green, G.N., Jones, G.E., and Anderson, O.J., 1997, The Digital Geologic Map of New Mexico in ARC/INFO Format: U.S. Geological Survey Open-File Report 97-0052, 9 p., scale 1:500,000.<br/><a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a><br/>(<a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a>)</div> |
| NGMDB product           | <div>NGMDB product page for 59219<br/>(<a href="https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm</a>)</div> <div>NGMDB product page for 22974<br/>(<a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a>)</div>                                                                                             |



**Counties**

Bernalillo (/geology/state/fips-unit.php?code=f35001) - Catron (/geology/state/fips-unit.php?code=f35003) - Chaves (/geology/state/fips-unit.php?code=f35005) - Colfax (/geology/state/fips-unit.php?code=f35007) - Curry (/geology/state/fips-unit.php?code=f35009) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fips-unit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) - Harding (/geology/state/fips-unit.php?code=f35021) - Lea (/geology/state/fips-unit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Luna (/geology/state/fips-unit.php?code=f35029) - Mora (/geology/state/fips-unit.php?code=f35033) - Quay (/geology/state/fips-unit.php?code=f35037) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - Santa Fe (/geology/state/fips-unit.php?code=f35049) - Socorro (/geology/state/fips-unit.php?code=f35053) - Torrance (/geology/state/fips-unit.php?code=f35057) - Valencia (/geology/state/fips-unit.php?code=f35061)

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Accessibility (<https://www2.usgs.gov/laws/accessibility.html>) | Site Map (<https://www.usgs.gov/sitemap.html>) |

Contact USGS (<https://answers.usgs.gov/>)

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U.S. Department of the Interior (<https://www.doi.gov/>) | DOI Inspector General (<https://www.doioig.gov/>) |

White House (<https://www.whitehouse.gov/>) | E-gov (<https://www.whitehouse.gov/omb/management/egov/>) |

No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)



# DARTER 9 STATE 8 BATTERY

Spur Energy  
Eddy County, NM  
NAPP2523232618  
Geological Map

DARTER 9 STATE 8 BATTERY

## Legend

-  Alluvium
-  DARTER 9 STATE 8 BATTERY
-  Older alluvial deposits of upland plains, piedmont areas, calcic soils, eolian cover sediments of High Plains region

Google Earth

1000 ft

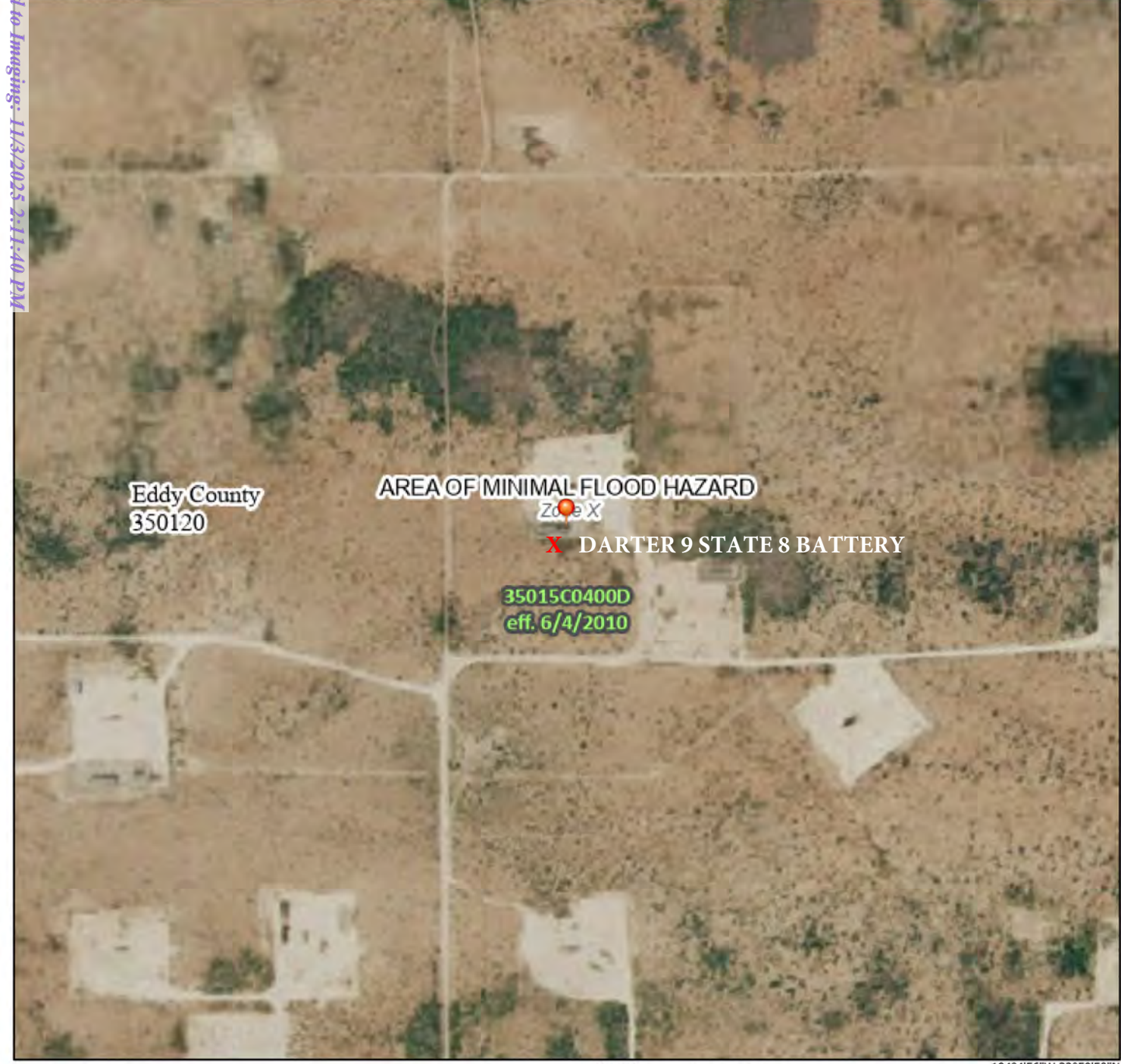




# National Flood Hazard Layer FIRMMette



104°5'34"W 32°51'20"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°4'56"W 32°50'50"N

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)<br>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 |
|                             |  | 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 X                                                                                                                   |
| OTHER AREAS                 |  | NO SCREEN Area of Minimal Flood Hazard Zone X                                                                                                              |
|                             |  | Effective LOMRs                                                                                                                                            |
| GENERAL STRUCTURES          |  | Area of Undetermined Flood Hazard Zone D                                                                                                                   |
|                             |  | Channel, Culvert, or Storm Sewer                                                                                                                           |
| OTHER FEATURES              |  | Levee, Dike, or Floodwall                                                                                                                                  |
|                             |  | Cross Sections with 1% Annual Chance Water Surface Elevation                                                                                               |
| MAP PANELS                  |  | Coastal Transect                                                                                                                                           |
|                             |  | Base Flood Elevation Line (BFE)                                                                                                                            |
| OTHER FEATURES              |  | Limit of Study                                                                                                                                             |
|                             |  | Jurisdiction Boundary                                                                                                                                      |
| OTHER FEATURES              |  | Coastal Transect Baseline                                                                                                                                  |
|                             |  | Profile Baseline                                                                                                                                           |
| OTHER FEATURES              |  | Hydrographic Feature                                                                                                                                       |
|                             |  | Digital Data Available                                                                                                                                     |
| MAP PANELS                  |  | 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 8/21/2025 at 4:58 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.

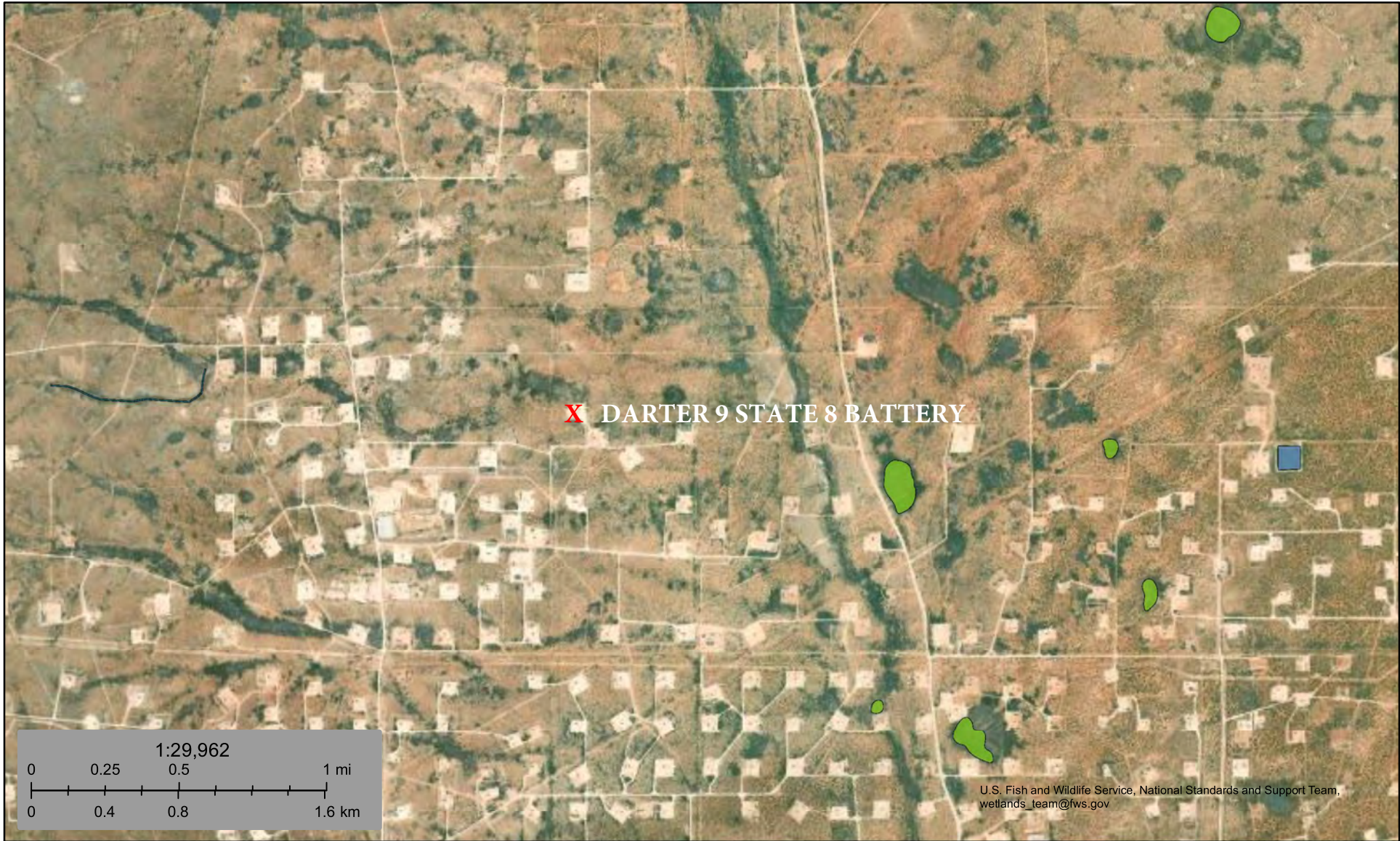
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

Released to Imaging: 11/3/2025 2:11:40 PM

Received by OCD: 10/20/2025 1:58:17 PM

Page 32 of 47





August 21, 2025

Wetlands

- |                                                                                     |                                |                                                                                     |                                   |                                                                                       |          |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake     |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other    |
|                                                                                     |                                |  | Freshwater Pond                   |  | 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.

## Appendix C

- 48-Hour Notification
- Liner Inspection Form



**Sebastian@pimaoil.com**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Wednesday, September 17, 2025 6:49 PM  
**To:** sebastian@pimaoil.com  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 506929

To whom it may concern (c/o Sebastian Orozco for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2523232618.

The liner inspection is expected to take place:

**When:** 09/23/2025 @ 08:00

**Where:** E-09-17S-29E 0 FNL 0 FEL (32.85149,-104.08746)

**Additional Information:** Pima Environmental  
575-659-4450

**Additional Instructions:** 32.85149,-104.08746

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505



## Pima Environmental Services, LLC

**Liner Inspection Form**Company Name: Spur EnergySite: Darter 9 State 8 BatteryLat/Long: 32.85149,-104.08746NMOCD Incident ID  
& Incident Date: nAPP2523232618 08/13/20252-Day Notification  
Sent: via OCD portal 09/17/2025Inspection Date: 09/23/2025

Liner Type:      Earthen w/liner                      Earthen no liner                      Polystar

                         Steel w/poly liner                      Steel w/spray epoxy                      No Liner

Other: \_\_\_\_\_

| Visualization                                    | Yes | No | Comments |
|--------------------------------------------------|-----|----|----------|
| Is there a tear in the liner?                    |     | X  |          |
| Are there holes in the liner?                    |     | X  |          |
| Is the liner retaining any fluids?               |     | X  |          |
| Does the liner have integrity to contain a leak? | X   |    |          |

Comments: \_\_\_\_\_

Inspector Name: Andrew Franco      Inspector Signature: Andrew Franco





## Appendix D

### ○ Photographic Documentation



## PHOTOGRAPHIC DOCUMENTATION

**SITE NAME: Darter 9 State 8 Battery**

### Initial Liner Inspection:



Site Information Sign.



Photo of liner taken during initial liner inspection facing north.



Photo of liner taken during initial liner inspection facing west.



Photo of liner taken during initial liner inspection facing south.





Photo of liner taken during initial liner inspection facing west.



Photo of liner taken during initial liner inspection facing south.



Photo of liner taken during initial liner inspection facing west.



## PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 Battery

### Liner Inspection :



Photo of location taken post power wash facing southwest.



Photo of location taken post power wash facing east.



Photo of location taken post power wash facing south.



Photo of location taken post power wash facing north.





Photo of location taken post power wash facing northwest.



Photo of location taken post power wash facing northeast.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 521218

**QUESTIONS**

|                                                                                 |                                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                                            |
|                                                                                 | Action Number:<br>521218                                                    |
|                                                                                 | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

| Prerequisites    |                                                        |
|------------------|--------------------------------------------------------|
| Incident ID (n#) | nAPP2523232618                                         |
| Incident Name    | NAPP2523232618 DARTER 9 STATE 8 BATTERY @ E-09-17S-29E |
| Incident Type    | Produced Water Release                                 |
| Incident Status  | Remediation Closure Report Received                    |

| Location of Release Source                            |                          |
|-------------------------------------------------------|--------------------------|
| <i>Please answer all the questions in this group.</i> |                          |
| Site Name                                             | DARTER 9 STATE 8 BATTERY |
| Date Release Discovered                               | 08/13/2025               |
| Surface Owner                                         | State                    |

| Incident Details                                                                                     |                        |
|------------------------------------------------------------------------------------------------------|------------------------|
| <i>Please answer all the questions in this group.</i>                                                |                        |
| 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                                                                                                                                                                |                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <i>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.</i> |                                                                                                              |
| Crude Oil Released (bbls) Details                                                                                                                                                           | Not answered.                                                                                                |
| Produced Water Released (bbls) Details                                                                                                                                                      | Cause: Equipment Failure   Tank (Any)   Produced Water   Released: 40 BBL   Recovered: 40 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)                                        | TRANSFER PUMP TRIPPED CAUSING TANK OVERFLOW INTO LINED CONTAINMENT                                           |



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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 521218

**QUESTIONS (continued)**

|                                                                                 |                                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                                            |
|                                                                                 | Action Number:<br>521218                                                    |
|                                                                                 | Action Type:<br>[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>Yes</b>                                                                                                                                     |
| Reasons why this would be considered a submission for a notification of a major release                                                                        | <b>From paragraph A. "Major release" determine using:<br/>(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b> |
| <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                                           | <b>N/A</b>  |

*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: Katherine Purvis<br>Title: EHS Coordinator<br>Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a><br>Date: 10/29/2025 |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 521218

**QUESTIONS (continued)**

|                                                                                 |                                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                                            |
|                                                                                 | Action Number:<br>521218                                                    |
|                                                                                 | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                            |
| <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 75 and 100 (ft.)   |
| What method was used to determine the depth to ground water                                                                                                                                                                                          | OCD Imaging Records Lookup |
| 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                                                                                                                                                                              | Greater than 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                                                                                                                                                                      | Between 1 and 5 (mi.)      |
| A wetland                                                                                                                                                                                                                                            | Between ½ and 1 (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                                                                                                                                                                                     | High                       |
| A 100-year floodplain                                                                                                                                                                                                                                | Between 1 and 5 (mi.)      |
| Did the release impact areas not on an exploration, development, production, or storage site                                                                                                                                                         | No                         |

|                                                                                                                                                                                                                                                                                                                                                                                       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Remediation Plan</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>                                                                                                                                                                                      |            |
| 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                                                                                                                                                                                                                                                                                                                                  | 09/23/2025 |
| On what date will (or did) the final sampling or liner inspection occur                                                                                                                                                                                                                                                                                                               | 09/23/2025 |
| On what date will (or was) the remediation complete(d)                                                                                                                                                                                                                                                                                                                                | 09/23/2025 |
| What is the estimated surface area (in square feet) that will be remediated                                                                                                                                                                                                                                                                                                           | 4500       |
| What is the estimated volume (in cubic yards) that will be remediated                                                                                                                                                                                                                                                                                                                 | 0          |
| <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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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 521218

**QUESTIONS (continued)**

|                                                                                 |                                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                                            |
|                                                                                 | Action Number:<br>521218                                                    |
|                                                                                 | Action Type:<br>[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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                                                                                                  |
| Is (or was) there a power wash of the lined containment area (to be) performed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                                                                                                 |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Not answered.                                                                                                                                                       |
| <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: Katherine Purvis<br>Title: EHS Coordinator<br>Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a><br>Date: 10/29/2025 |
| <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>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 521218

**QUESTIONS (continued)**

|                                                                                 |                                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                                            |
|                                                                                 | Action Number:<br>521218                                                    |
|                                                                                 | Action Type:<br>[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>506929</b>     |
| Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC | <b>09/23/2025</b> |
| Was all the impacted materials removed from the liner                                                   | <b>Yes</b>        |
| What was the liner inspection surface area in square feet                                               | <b>13500</b>      |

| <b>Remediation Closure Request</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                               |
| 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>4500</b>                                                                                                                                                                                                                   |
| What was the total volume (cubic yards) remediated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>0</b>                                                                                                                                                                                                                      |
| Summarize any additional remediation activities not included by answers (above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | The lined containment was power-washed, and all standing fluids were recovered using a vacuum truck. Following remediation, a liner inspection was conducted, confirming that the containment liner maintained its integrity. |
| <i>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |
| 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: Katherine Purvis<br>Title: EHS Coordinator<br>Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a><br>Date: 10/29/2025                                                           |



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

CONDITIONS

Action 521218

CONDITIONS

|                                                                                 |                                                                             |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>Spur Energy Partners LLC<br>9655 Katy Freeway<br>Houston, TX 77024 | OGRID:<br>328947                                                            |
|                                                                                 | Action Number:<br>521218                                                    |
|                                                                                 | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By       | Condition                                        | Condition Date |
|------------------|--------------------------------------------------|----------------|
| michael.buchanan | Liner inspection and closure report is approved. | 11/3/2025      |