

PREPARED BY: PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR: Spur Energy

Darter 9 State 8 Battery
Incident ID NAPP2500646235

Liner Inspection and Closure Report

February 6, 2024



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

February 6, 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 -104.0872 UL- E, Section 09, Township 17S, Range 29E NMOCD Reference No. NAPP2500646235

Spur Energy Partners (Spur) engaged Pima Environmental Services, LLC (Pima) to conduct a liner inspection and prepare this closure report addressing the release of crude oil and produced water at the Darter 9 State 8 Battery (Darter). An initial C-141 form was submitted on January 6, 2025, and the New Mexico Oil Conservation Division (NMOCD) assigned the incident ID NAPP2500646235 to this event.

Site Information and Site Characterization

Darter is located approximately 6.56 miles northwest of Seven Rivers, NM. This spill site is in Unit E, Section 09, Township 17S, Range 29E, Latitude 32.85149 Longitude -104.0872, Eddy County, NM. A Location Map can be found in Figure 1.

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity measures 105 feet below grade surface (BGS), positioned roughly 1.60 miles away from the Darter, with the last meter reading being completed on April 5, 2024. Conversely, as per the United States Geological Survey well water data, the nearest groundwater depth in this region is recorded at 78.5 feet BGS, situated approximately 4.88 miles away from the Darter, with the last gauge conducted on January 13, 1999. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Notably, Darter is situated within an area with a high potential for karst, as illustrated in Figure 3. Additionally, a comprehensive Topographic Map is available for reference in Figure 2.

Release Information

NAPP2500646235: On December 23, 2024, a firetube gasket failure led to the release of approximately 2 barrels of crude oil and 22 barrels of produced water into the lined containment, which subsequently overflowed. Spur personnel were promptly deployed to stop the release and successfully recovered 1 barrel of crude oil and 21 barrels of produced water. A minimal amount of the liquid mixture overflowed onto the northeastern portion of the lined containment, over spraying onto the engineered pad.

A Site Map can be found in Figure 4.

Site Assessment and Liner Inspection

On January 14, 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 January 17, 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.

Remediation Activities

On January 24, 2025, Pima Environmental deployed a heavy equipment operator and a field technician to remediate the affected area. The impact was limited to a fine mist resulting from the release, affecting approximately 500 square feet outside the lined containment. The area was excavated to a depth of approximately 4–5 inches below ground surface (bgs). In total, about 8 cubic yards of contaminated soil were removed and securely transported to Lea Land, a disposal facility approved by the NMOCD.

On January 24, 2025, Spur Energy proactively submitted a 48-hour sampling notification as part of the preliminary preparations leading up to the final confirmation sampling event. This precautionary step was taken with the expectation that all sampling results would fall below the closure criteria established by the New Mexico Oil Conservation Division (NMOCD). Should the results confirm compliance, the plan is to move forward with the closure process. For additional details, the 48-hour notification can be referenced in Appendix C.

On January 28, 2025, a Pima field technician conducted a confirmation sampling event at the Darter site. The technician collected three composite bottom samples (CS1–CS3) and two composite sidewall samples (CSW1–CSW2). The excavation spanned approximately 615 square feet, with a perimeter measuring around 150 feet. A confirmation site map can be found in Figure 5.

The results of this confirmation sampling event are summarized in the following data table.

	1-28-25 Confirmation Soil Sample Results									
	NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')									
Spur Energy/ Darter 9 State 8 Battery										
Date: 01-28-2025 NM Approved Laboratory Results										
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg		
CS1	5''	ND	ND	ND	ND	ND	ND	ND		
CS2	5''	ND	ND	ND	ND	ND	ND	ND		
CS3	5''	ND	ND	ND	ND	ND	ND	ND		
CSW1	0-5"	ND	ND	ND	ND	ND	ND	ND		
CSW2	0-5"	ND	ND	ND	ND	ND	ND	ND		

1-28-25 Confirmation Soil Sample Results

ND- Analyte Not Detected

Each soil sample was a 5-point composite derived from the excavated area, specifically representing an area not exceeding 200 square feet of the open excavation. A total of five (5) samples were collected for laboratory analysis for total chloride using EPA Method 300.0; benzene, toluene, ethylbenzene and total xylenes (BTEX) using EPA Method 8021B; and motor, diesel, and gasoline range organics (MRO, DRO, & GRO) by EPA Method 8015D. All samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to Envirotech Laboratories in Farmington, New Mexico (Appendix C).

Upon confirmation that all soil samples met the closure standards set by the New Mexico Oil Conservation Division (NMOCD), clean backfill material was brought in and utilized to restore the excavated area, returning it to its original state.

Closure Request

After careful review, Pima requests that this incident NAPP2500646235 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

Pima Environmental Services – Sebastian Orozco at 619-721-4813 or Sebastian@pimaoil.com.

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Liner Inspection Site Map
- 5- Confirmation 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 C- Photographic Documentation

Appendix E – Laboratory Reports



Figures:

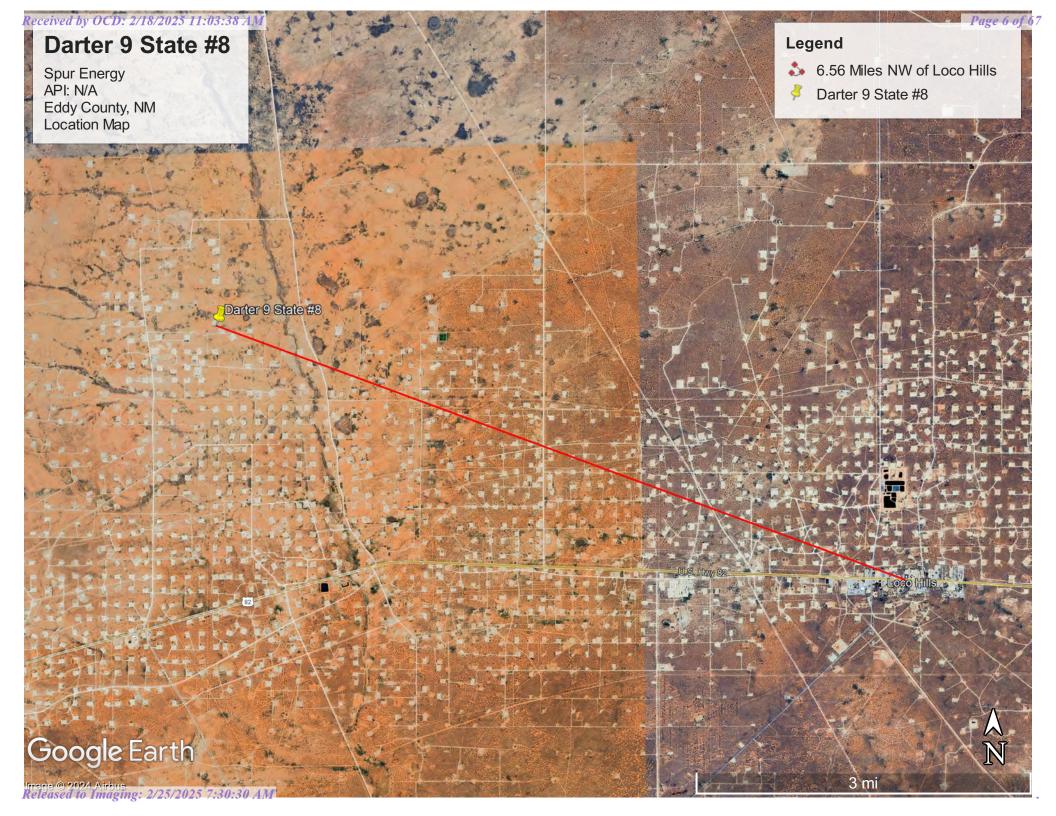
Figure 1- Location Map

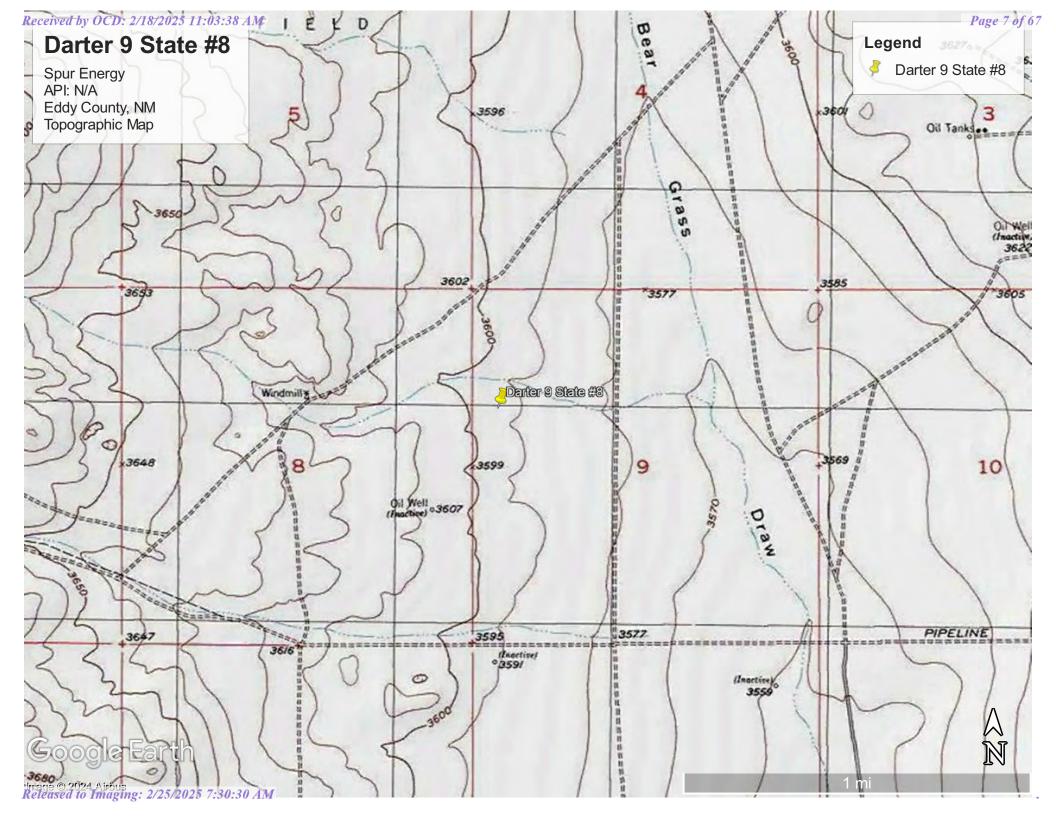
Figure 2- Topographic Map

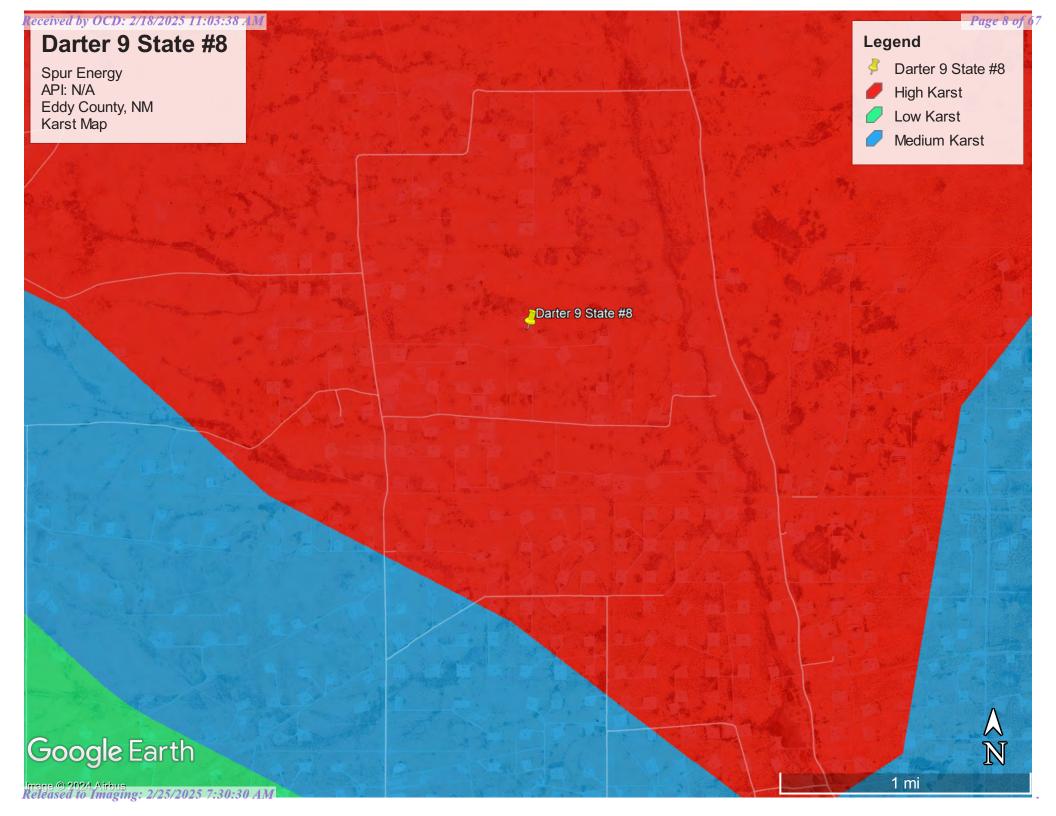
Figure 3- Karst Map

Figure 4- Liner Inspection Site Map

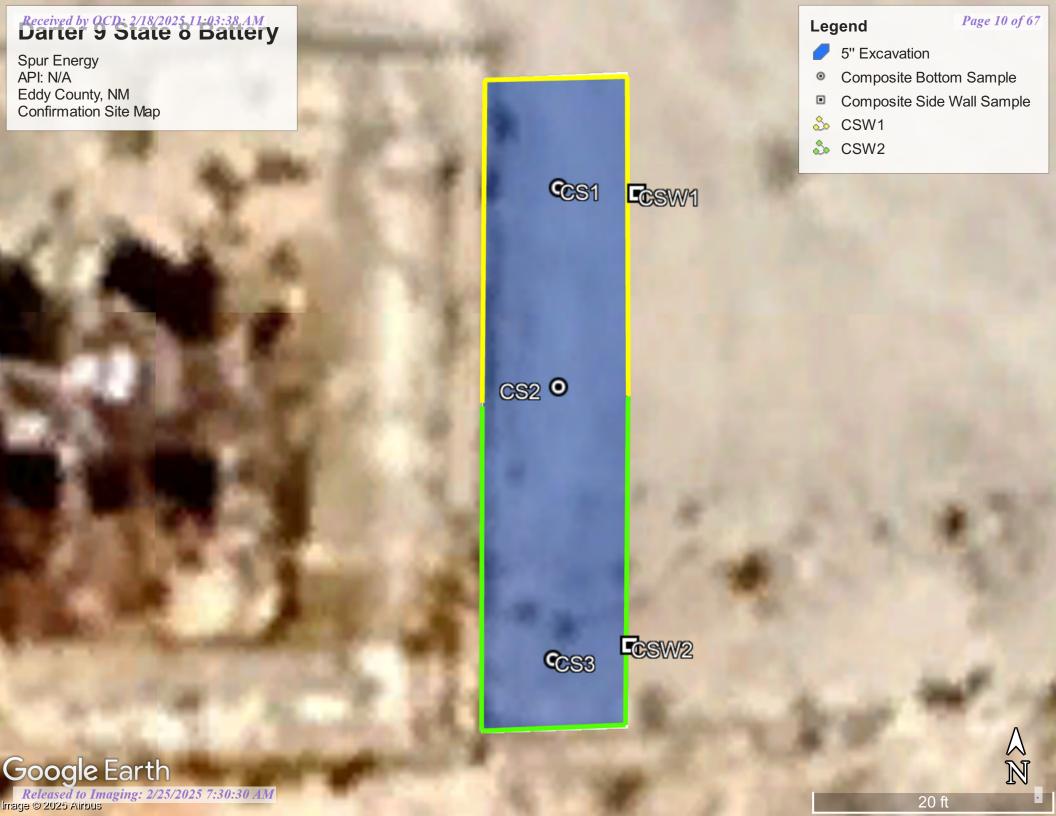
Figure 5- Confirmation Site Map













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	Tws	Rng	X	Υ	Мар
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* UTM location was derived from PLSS - see Help

Driller Compa		ASSOC. INC. Plug Date:
	ate: 2024-04-05	Plug Date:
24-04-05 Drill Finish Da	ate: 2024-04-05	Plug Date:
		_
24-04-24 PCW Rcv Date	e:	Source:
Pipe Discharge	je Size:	Estimated Yield:
		Depth Water:
		Depth Well: 105

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.

1/14/25 7:59 AM MST Point of Diversion Summary

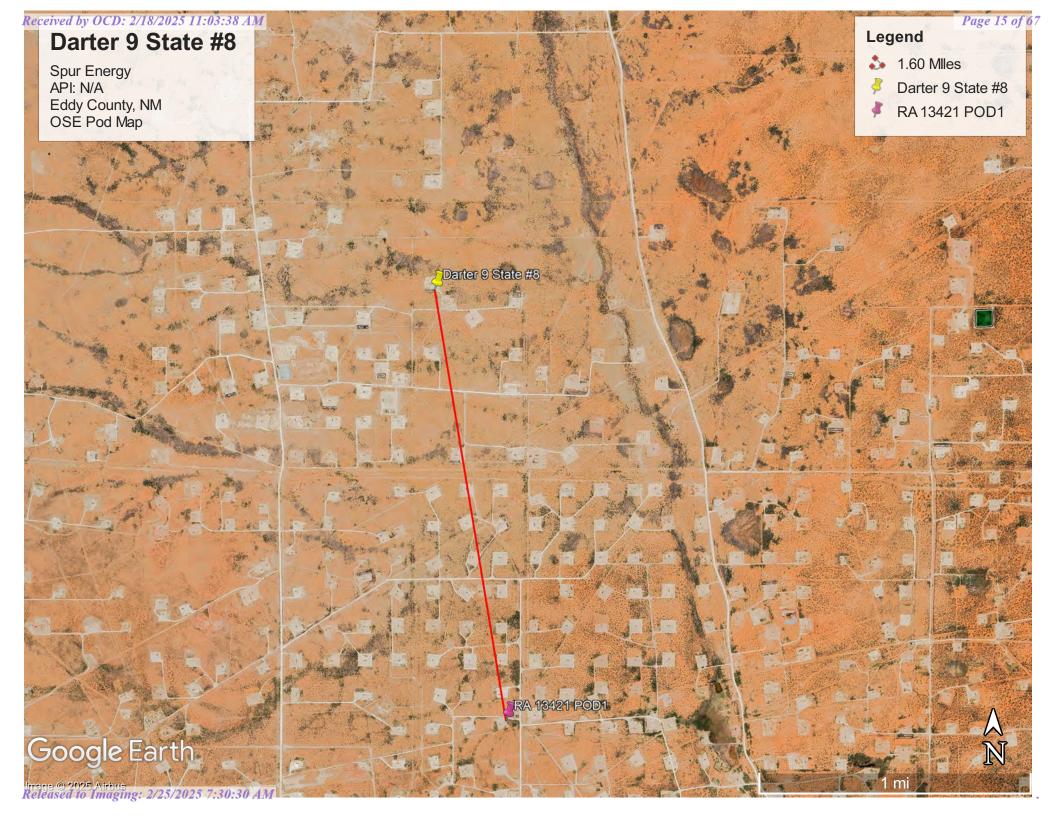
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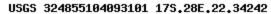


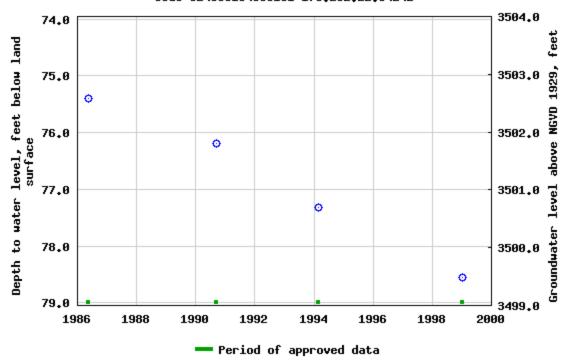
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GENERAL AND WELL LOCATION	WELL LOCATION	LA	TITUDE	GREES MINUTES SECONDS 32 49 43.00 N			* ACCURACY REQUIRED: ONE TENTH OF A SECOND						
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	DRILLING STARTED 04/05/2024		DRILLING ENDED 04/05/2024		그러나 그 일을 입하면 하고 있었다. 그 가장 하면 하다 하는 것 같아 하나 없다.		RE HOLE DEPTH (FT) ±101		DEPTH WATER FIRST ENCOUNTERED (FT) N/A				
7	COMPLETED WELL IS: ARTESIAN ORY HOLE SHALLOW (UNCONFINED) STATIC WATER LEVEL IN COMPLETED WELL N/A 3/19/2024												
VTIO	DRILLING FLUID: AIR MUD ADDITIVES – SPECIFY:												
JRM/	DRILLING METI	IOD:	ROTARY HAMM	MER CABLE TOOL OTHER-SPECIFY:			Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS INSTALLED						
DRILLING & CASING INFORMATION	DEPTH (feet bgl) FROM TO DIAM (inches)			(include each casing string, and			CON	ASING NECTION TYPE			SING WALL HICKNESS (inches)	SLOT SIZE (inches)	
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	14	39	25	Sand, fine-grained, poo	orly graded, unc	onsolidated,	gravel(0.25") Reddish E	Brow Y	√N	
	39	59	20	Clay, low pl	lastic, with fine-	grained sand	l, Reddish Brown	Y	✓ N	
	59	79	20	Clay, low plass	tic, with very fi	ne-grained sa	and, Reddish Brown	Y	✓N	
	79	101	22	Clay, High plastic, very	y fine-grained sa	and,some gra	vel (>0.25") Reddish Bro	own Y	✓ N	
7	1 - 2							Y	N	
VEL								Y	N	
OF V								Y	N	
90								Y	N	
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TEST; RIG SUPERVISION	MISCELLA		FORMATION: T	emporary well material color ground surface (b	al removed an	d soil borin	g backfilled using dril nite chips ten feet bgs	l cuttings fro	om total de	epth to ten feet
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Breaks in the plot represent a gap of at least one year between field measurements. <u>Download a presentation-quality graph</u>

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Title: Groundwater for USA: Water Levels

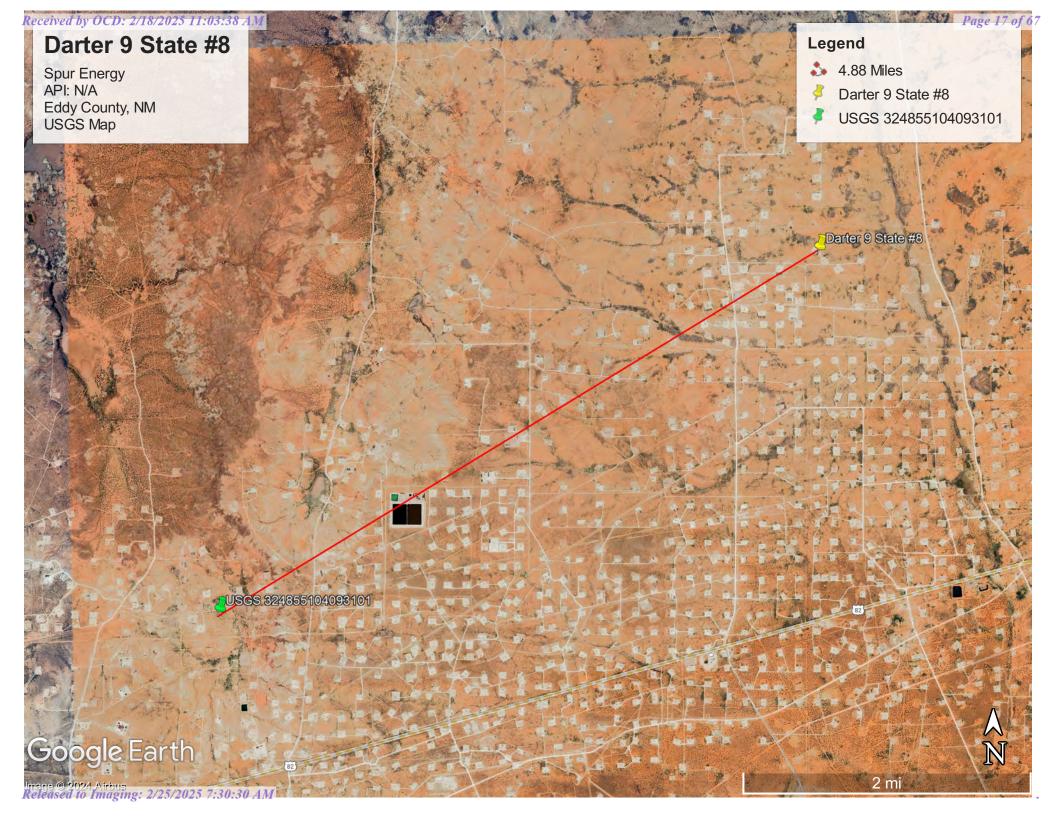
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

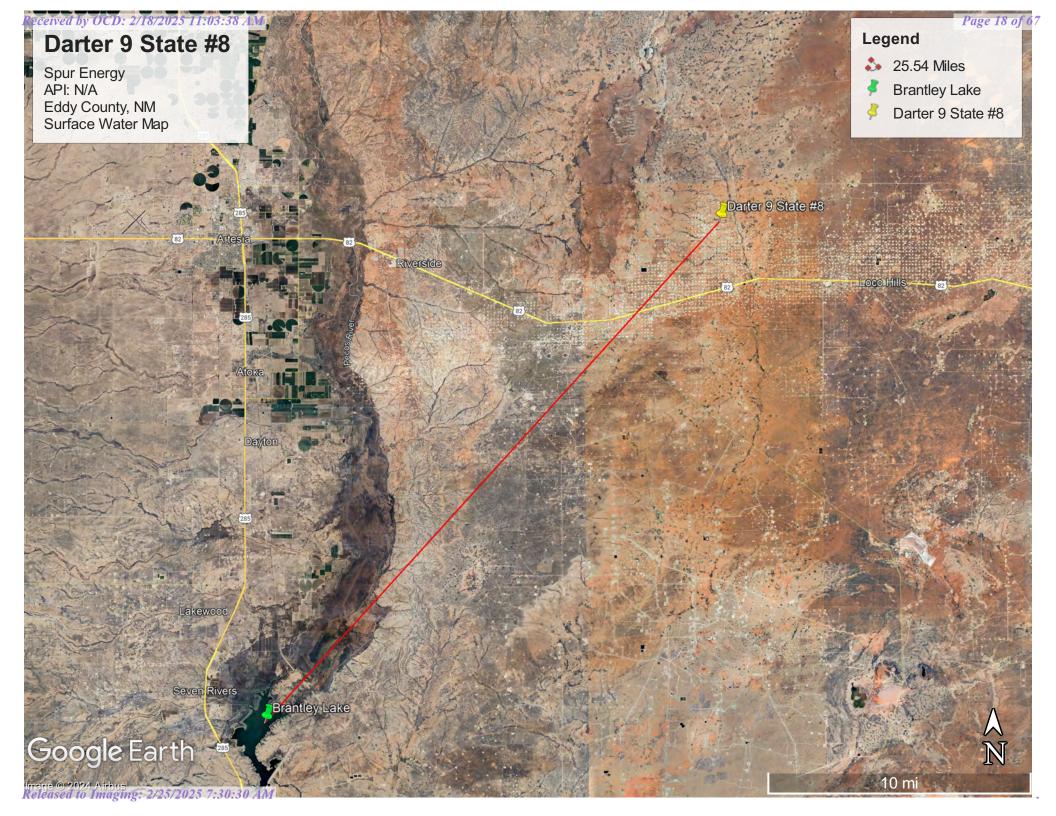
Page Contact Information: <u>USGS Water Data Support Team</u>

Page Last Modified: 2025-01-07 14:25:15 EST

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Appendix B

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

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, talf

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)

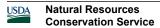
Sodium adsorption ratio, maximum: 1.0

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



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

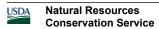
Percent of map unit: 5 percent

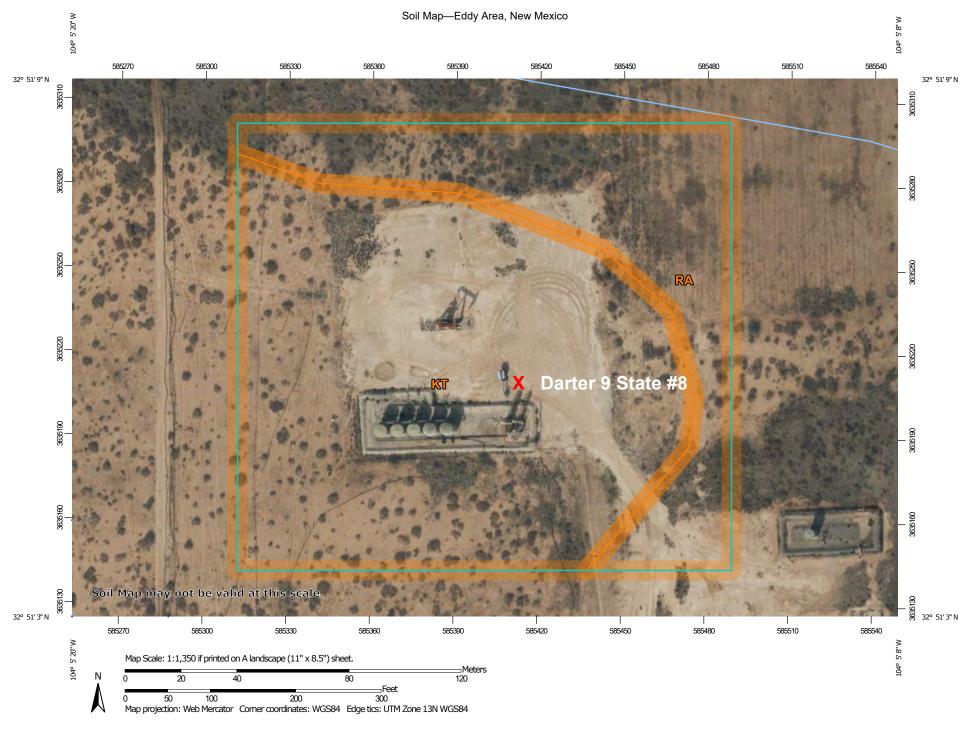
Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Data Source Information

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





(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) JS

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 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	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. https://pubs.er.usgs.gov/publication/ofr9752 (https://pubs.er.usgs.gov/publication/ofr9752)						

NGMDB NGMDB product page for 59219

product (https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm)

NGMDB product page for 22974

(https://ngmdb.usgs.gov/Prodesc/proddesc 22974.htm)

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=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=f35061)

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DOI Privacy Policy (https://www.doi.gov/privacy) | Legal (https://www.usgs.gov/laws/policies_notices.html) |
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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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)
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MAP LEGEND

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Water Features

Transportation

Background

Spoil Area

Stony Spot

Wet Spot

Other

Rails

US Routes

Major Roads

Local Roads

Very Stony Spot

Special Line Features

Streams and Canals

Interstate Highways

Aerial Photography

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons





Soil Map Unit Points

Special Point Features

Blowout \odot

 \boxtimes Borrow Pit

* Clay Spot

Closed Depression

Gravel Pit

Gravelly Spot

Landfill ۵

Lava Flow Marsh or swamp

Mine or Quarry

Miscellaneous Water

Perennial Water

Rock Outcrop

Saline Spot

Sandy Spot

Severely Eroded Spot 0

Sinkhole ٥

Slide or Slip

Sodic Spot

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

MAP INFORMATION

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

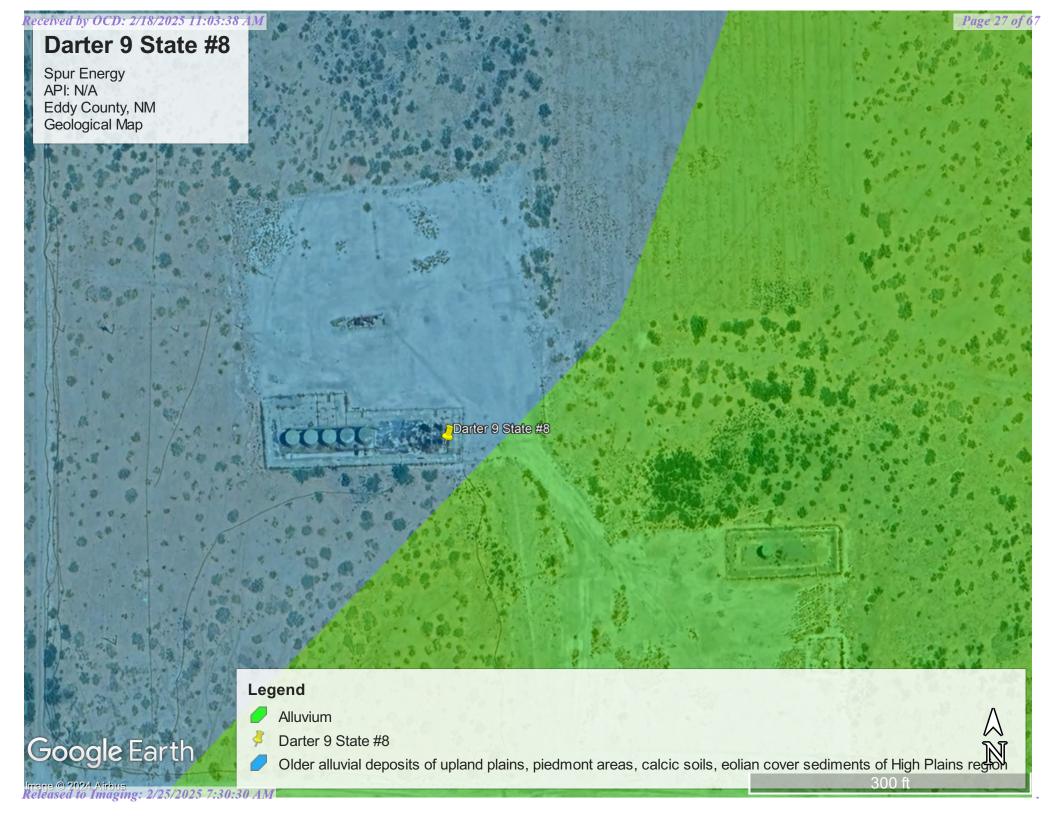
Soil map units are labeled (as space allows) for map scales 1:50.000 or larger.

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
кт	Kimbrough-Stegall loams, 0 to 3 percent slopes	4.9	69.9%
RA	Reagan loam, 0 to 3 percent slopes	2.1	30.1%
Totals for Area of Interest		7.0	100.0%



Received by OCD: 2/18/2025 11:03:38 AM National Flood Hazard Layer FIRMette





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

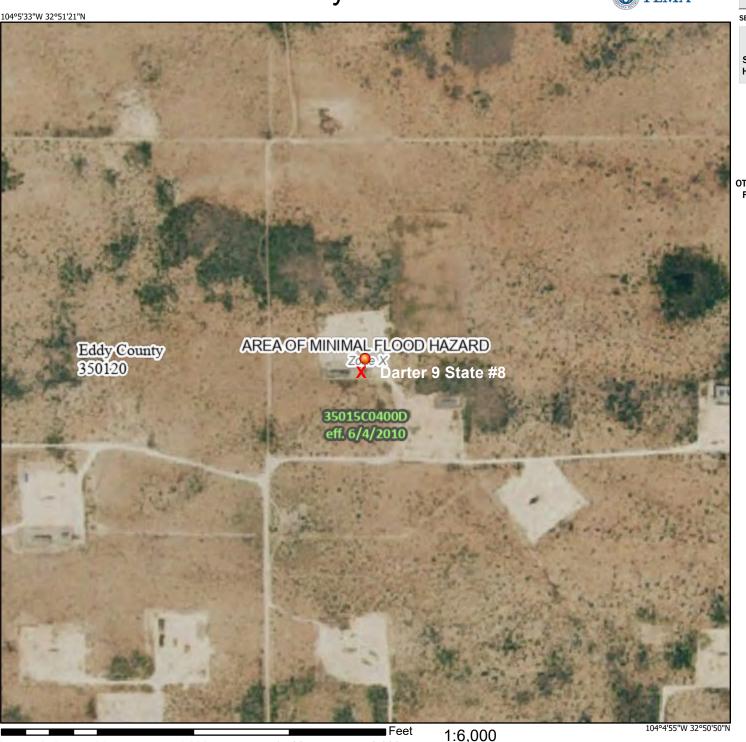
> This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

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

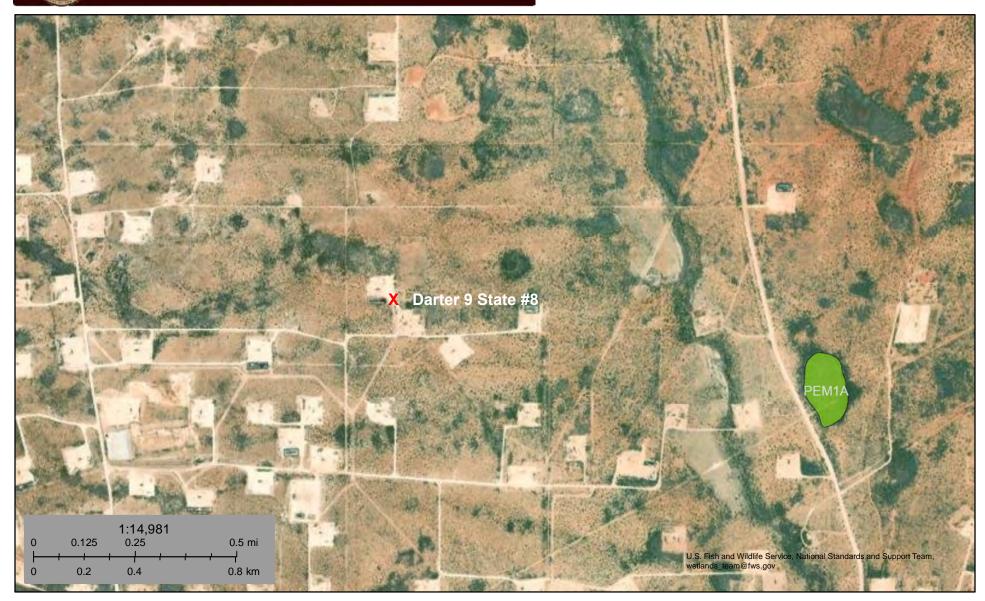
an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/7/2025 at 4:49 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.



Wetlands



January 7, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Othor

Riverine

Other

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: Tuesday, January 14, 2025 5:28 PM

To: sebastian@pimaoil.com

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID:

420705

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#) nAPP2500646235.

The liner inspection is expected to take place:

When: 01/17/2025 @ 08:00

Where: E-09-17S-29E 0 FNL 0 FEL (32.85149,-104.0872)

Additional Information: Marisa Loya

575-416-0639

Additional Instructions: 32.851500,-104.087552

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

Sebastian@pimaoil.com

From: OCDOnline@state.nm.us

Sent: Friday, January 24, 2025 9:40 AM

To: sebastian@pimaoil.com

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID:

424477

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2500646235.

The sampling event is expected to take place:

When: 01/28/2025 @ 10:00

Where: E-09-17S-29E 0 FNL 0 FEL (32.85149,-104.0872)

Additional Information: Marisa Loya

575-416-0639

Additional Instructions: 32.85149,-104.0872

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. 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 sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples 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



Liner Inspection Form

Company Name:								
Site:	<u>DA</u>							
Lat/Long:	32.8514	9,-104						
NMOCD Incident ID & Incident Date:	NAPP2:							
2-Day Notification Sent:	via Email by Sebastian Orozco on OCD portal 01/14/2025							
Inspection Date:	01/17	<u>/2025</u> _						
Liner Type:	Earthen	w/line	r Earthen no liner	Polystar				
	ner 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?	e	X						
Is the liner retaining any fluids?	X	from the power						
Does the liner have integrity to contain a leak?	X							
	arisa Lov		Inspector Signature: Marisa Loya					



Appendix D

Photographic Documentation

Page 35 of 67

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 battery

Pre- Power Wash Pictures:



Site Information Sign.



Photo of liner taken prior to power washing. Facing East.



Photo of liner taken prior to power washing. Facing West.



Photo of liner taken prior to power washing. Facing North.





Photo of liner taken prior to power washing. Facing Northeast.

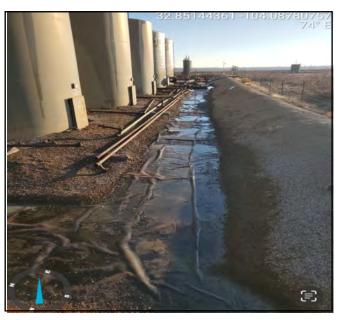


Photo of liner taken prior to power washing. Facing East.



Photo of liner taken prior to power washing. Facing North.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 battery

Pre- Power Wash Aerial Photos:



Aerial Photos prior to power wash.



Aerial Photos prior to power wash.



Aerial Photos prior to power wash.



Aerial Photos prior to power wash.



PPHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 battery

Liner Inspection:

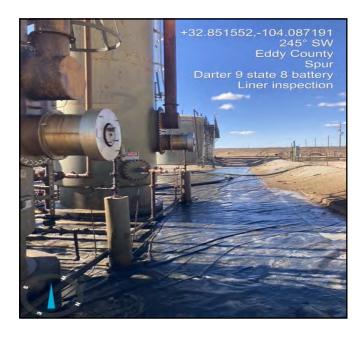


Photo taken pursuant to power washing. Facing Southwest.

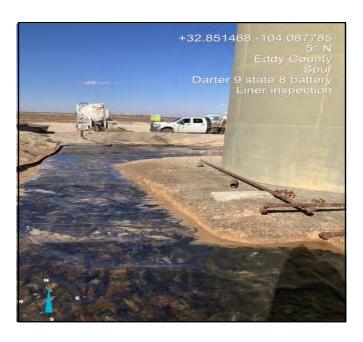


Photo taken pursuant to power washing. Facing North.

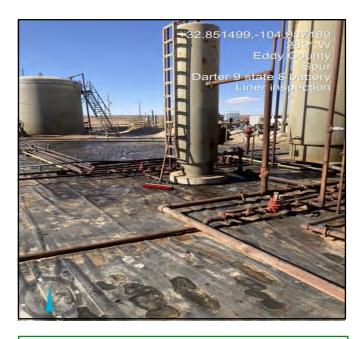


Photo taken pursuant to power washing. Facing West.



Photo taken pursuant to power washing. Facing South.



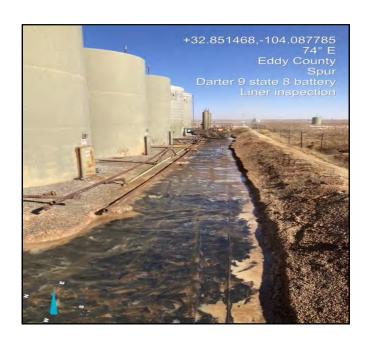


Photo taken pursuant to power washing. Facing East.



Photo taken pursuant to power washing. Facing Northwest.

Page 40 of 67

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 battery

Backfill:



Photo of the site backfilled with clean material Facing Southwest.



Photo of the site backfilled with clean material Facing South.

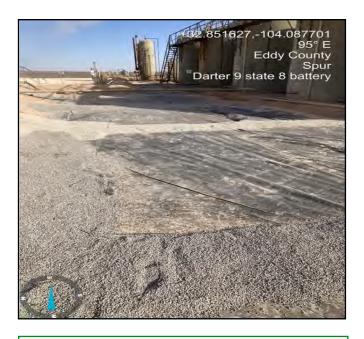


Photo of the site backfilled with clean material Facing East.

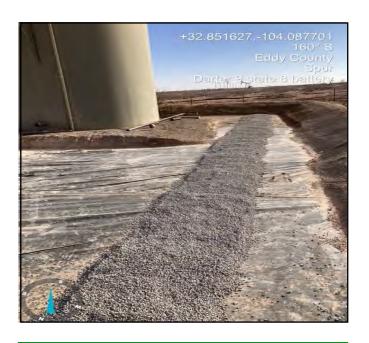


Photo of the site backfilled with clean material Facing South.

Page 41 of 67

PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 battery

Aerial Photos:



Aerial photos of location.



Aerial photos of location.



Aerial photos of location.



Aerial photos of location.



PHOTOGRAPHIC DOCUMENTATION

SITE NAME: Darter 9 State 8 battery

Excavation:



Photograph taken during excavation/backfill process facing North.



Photograph taken during excavation/backfill process facing South.



Photograph taken during excavation/backfill process facing South



Photograph taken during excavation/backfill process facing North.



Appendix E

Laboratory Reports

Report to:
Sebastian Orozco



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Darter 9 State 8 Battery

Work Order: E501208

Job Number: 21068-0001

Received: 1/29/2025

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 1/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 1/29/25

Sebastian Orozco PO Box 247 Plains TX 79355-02

Plains, TX 79355-0247

Workorder: E501208

Date Received: 1/29/2025 7:15:00AM

Project Name: Darter 9 State 8 Battery

Sebastian Orozco,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/29/2025 7:15:00AM, under the Project Name: Darter 9 State 8 Battery.

The analytical test results summarized in this report with the Project Name: Darter 9 State 8 Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	Donoutoda
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	01/29/25 15:52

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
CS1- Bottom	E501208-01A Soil	01/28/25	01/29/25	Glass Jar, 2 oz.
CS2- Bottom	E501208-02A Soil	01/28/25	01/29/25	Glass Jar, 2 oz.
CS3- Bottom	E501208-03A Soil	01/28/25	01/29/25	Glass Jar, 2 oz.
CSW1	E501208-04A Soil	01/28/25	01/29/25	Glass Jar, 2 oz.
CSW2	F501208-05A Soil	01/28/25	01/29/25	Glass Jar. 2 oz.

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

CS1- Bottom E501208-01

	E301200-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL	·	Batch: 2505062
ND	0.0250	1	01/29/25	01/29/25	
ND	0.0250	1	01/29/25	01/29/25	
ND	0.0250	1	01/29/25	01/29/25	
ND	0.0250	1	01/29/25	01/29/25	
ND	0.0500	1	01/29/25	01/29/25	
ND	0.0250	1	01/29/25	01/29/25	
	90.3 %	70-130	01/29/25	01/29/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2505062
ND	20.0	1	01/29/25	01/29/25	
	92.9 %	70-130	01/29/25	01/29/25	
mg/kg	mg/kg	Anal	yst: AF		Batch: 2505064
ND	25.0	1	01/29/25	01/29/25	
ND	50.0	1	01/29/25	01/29/25	
	105 %	50-200	01/29/25	01/29/25	
mg/kg	mg/kg	Anal	yst: AK		Batch: 2505066
ND	20.0	1	01/29/25	01/29/25	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 MD 20.0 92.9 % mg/kg MD 25.0 ND 50.0 105 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 90.3 % 70-130 mg/kg mg/kg Analy ND 20.0 1 92.9 % 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 105 % 50-200 mg/kg Mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Analyst: SL ND 0.0250 1 01/29/25 ND 0.0250 1 01/29/25 ND 0.0250 1 01/29/25 ND 0.0500 1 01/29/25 ND 0.0250 1 01/29/25 ND 0.0250 1 01/29/25 mg/kg Malyst: SL 01/29/25 mg/kg Malyst: SL 01/29/25 mg/kg Analyst: AF ND 20.0 1 01/29/25 mg/kg Mg/kg Analyst: AF ND 25.0 1 01/29/25 ND 50.0 1 01/29/25 ND 50.0 1 01/29/25 mg/kg Mg/kg Analyst: AF	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/29/25 01/29/25 ND 0.0250 1 01/29/25 01/29/25 ND 0.0250 1 01/29/25 01/29/25 ND 0.0500 1 01/29/25 01/29/25 ND 0.0250 1 01/29/25 01/29/25 ND 0.0250 1 01/29/25 01/29/25 mg/kg mg/kg Analyst: SL ND 01/29/25 mg/kg mg/kg Analyst: SL ND 01/29/25 mg/kg mg/kg Analyst: AF 01/29/25 01/29/25 ND 25.0 1 01/29/25 01/29/25 ND 50.0 1 01/29/25 01/29/25 ND 50.0 1 01/29/25 01/29/25 ND 50.0 0 01/29/25 01/29/25

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

CS2- Bottom E501208-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505062
Benzene	ND	0.0250	1	01/29/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/29/25	
Toluene	ND	0.0250	1	01/29/25	01/29/25	
o-Xylene	ND	0.0250	1	01/29/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/29/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2505062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: AF		Batch: 2505064
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/29/25	
Surrogate: n-Nonane		107 %	50-200	01/29/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: AK		Batch: 2505066
Chloride	ND	20.0	1	01/29/25	01/29/25	



Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

CS3- Bottom

E501208-03						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505062
Benzene	ND	0.0250	1	01/29/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/29/25	
Toluene	ND	0.0250	1	01/29/25	01/29/25	
p-Xylene	ND	0.0250	1	01/29/25	01/29/25	
o,m-Xylene	ND	0.0500	1	01/29/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/29/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2505062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2505064
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/29/25	
Surrogate: n-Nonane		112 %	50-200	01/29/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2505066
Chloride	ND	20.0	1	01/29/25	01/29/25	



Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

CSW1

E501208-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505062
Benzene	ND	0.0250	1	01/29/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/29/25	
Toluene	ND	0.0250	1	01/29/25	01/29/25	
o-Xylene	ND	0.0250	1	01/29/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/29/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2505062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: AF		Batch: 2505064
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/29/25	
Surrogate: n-Nonane		107 %	50-200	01/29/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2505066
Chloride	ND	20.0	1	01/29/25	01/29/25	



Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

CSW2

E501208-05

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2505062
Benzene	ND	0.0250	1	01/29/25	01/29/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/29/25	
Toluene	ND	0.0250	1	01/29/25	01/29/25	
o-Xylene	ND	0.0250	1	01/29/25	01/29/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/29/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/29/25	
Surrogate: 4-Bromochlorobenzene-PID		86.8 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2505062
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	01/29/25	01/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: AF		Batch: 2505064
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/29/25	
Surrogate: n-Nonane		101 %	50-200	01/29/25	01/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: AK		Batch: 2505066
Chloride	ND	20.0	1	01/29/25	01/29/25	•



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	Reported:
PO Box 247	Project Number:	21068-0001	7
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		.068-0001 ebastian Orozc	0			1	/29/2025 3:52:45PM
		Volatile Or	ganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505062-BLK1)							Prepared: 0	1/28/25 Ana	alyzed: 01/28/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			
LCS (2505062-BS1)							Prepared: 0	1/28/25 Ana	alyzed: 01/28/25
Benzene	4.58	0.0250	5.00		91.6	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.51	0.0250	5.00		90.1	70-130			
o-Xylene	4.39	0.0250	5.00		87.7	70-130			
o,m-Xylene	8.95	0.0500	10.0		89.5	70-130			
Total Xylenes	13.3	0.0250	15.0		88.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			
LCS Dup (2505062-BSD1)							Prepared: 0	1/28/25 Ana	alyzed: 01/28/25
Benzene	5.02	0.0250	5.00		100	70-130	9.11	20	
Ethylbenzene	4.83	0.0250	5.00		96.6	70-130	9.60	20	
Toluene	4.94	0.0250	5.00		98.8	70-130	9.18	20	
o-Xylene	4.83	0.0250	5.00		96.5	70-130	9.56	20	
o,m-Xylene	9.84	0.0500	10.0		98.4	70-130	9.45	20	
Total Xylenes	14.7	0.0250	15.0		97.8	70-130	9.48	20	

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	Reported:
PO Box 247	Project Number:	21068-0001	•
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

Plains TX, 79355-0247		Project Manage		bastian Orozo	co			1/29	9/2025 3:52:45PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2505062-BLK1)						P	repared: 0	1/28/25 Analy	vzed: 01/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			
LCS (2505062-BS2)						P	repared: 0	1/28/25 Analy	zed: 01/29/25
Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
LCS Dup (2505062-BSD2)						P	repared: 0	1/28/25 Analy	zed: 01/29/25
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0		90.0	70-130	1.69	20	

70-130

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	Reported:
PO Box 247	Project Number:	21068-0001	
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	1/29/2025 3:52:45PM

Plains TX, 79355-0247		Project Manage	r: Se	bastian Orozo	co				1/29/2025 3:52:45PM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limi %	
Blank (2505064-BLK1)							Prepared: 0	1/29/25	Analyzed: 01/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.7		50.0		109	50-200			
LCS (2505064-BS1)							Prepared: 0	1/29/25	Analyzed: 01/29/25
Diesel Range Organics (C10-C28)	282	25.0	250		113	38-132			
Surrogate: n-Nonane	55.9		50.0		112	50-200			
LCS Dup (2505064-BSD1)							Prepared: 0	1/29/25	Analyzed: 01/29/25
Diesel Range Organics (C10-C28)	286	25.0	250		114	38-132	1.52	20	
Surrogate: n-Nonane	56.1		50.0		112	50-200			



Matrix Spike (2505066-MS1)

Matrix Spike Dup (2505066-MSD1)

Chloride

Chloride

256

257

QC Summary Data

Pima Environmental Services-Carlsbad		Project Name:		Oarter 9 State 8	Battery				Reported:
PO Box 247 Plains TX, 79355-0247		Project Number: Project Manager:		21068-0001 Sebastian Orozo	co		1/29/2025 3:52:45PM		
		Anions	by EPA	300.0/9056	4				Analyst: AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2505066-BLK1)							Prepared: 0	1/29/25 A	nalyzed: 01/29/25
Chloride	ND	20.0							
LCS (2505066-BS1)							Prepared: 0	1/29/25 A	nalyzed: 01/29/25
Chloride	254	20.0	250		102	90-110			

250

250

20.0

20.0

Source: E501208-03

Source: E501208-03

103

103

80-120

80-120

0.112

ND

ND

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Prepared: 01/29/25 Analyzed: 01/29/25

Prepared: 01/29/25 Analyzed: 01/29/25

20

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Darter 9 State 8 Battery	
PO Box 247	Project Number:	21068-0001	Reported:
Plains TX, 79355-0247	Project Manager:	Sebastian Orozco	01/29/25 15:52

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

	/	
Page	of	_

Client Information						5)	Invoice Information							Lab Use Only								TAT State												
Client: P	ima	Environ	mer	ital S	ervices, l	LLC		1	Com	pany	/: Spu	ır								WO			Job	Nun	nber		1D	2D	3D	Std	NN	col	T)	K
Project I	Nam	e: Darte	er 9 9	State	8 Batter	V			Add	dres:	s:								E501208 2106800					/د	×				X					
Project I	Man	ager: Se	bast	tian C	Prozeo				City	y. St	ate. Z	ip:							6					A			. 17.7	0.00	1	7			選片	
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City, Sta				IM 8	8240			_	Email:														l					SDWA	CW	A F	RCRA			
Phone:								4	Miscellaneous: Project No. #6-368							ŀ												<u>L</u>						
Email: S	<u>eba</u>	stian@r	<u>ima</u>	oil.co	om			_	<u> </u>										1	5	ä					1			i	l	Complia		ΥO	r N
1,12		· : · ·				Ç n	male	e Info		ion	·								1	20/0RO by 8015	3RO/DRO by 8015	គ្គ	99	8	NN.	ř	뚩	2tion/Anion Pkg			PWSID #	1		
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Sampled	Date	Sampled	Ma	trix	No. of Containers					Samp	ole ID						Field Filter	Nui	nber	DRO/	GRO/	BTEX by 8021	VOC by 8260	Chloride 300.0	верос	TCEQ 1005 - TX	RCRA 8 Metals	ğ				- NCITICA	~	
10:04	1/2	8/2025	!	s		CS1-Bot	tton	1											1						x									
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10:16						CS3-Bot	tton	1										3	7															
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Additio	nal t	nstructi	ons:	: W	/O # 701	.0-7410,	999	109											\															
l, (field san Sampled b				lidity a	nd authenti	city of this	samp	le. I am	aware	that	tamper	ring w	vith or	rinte	entional	lly misla	beling t	ne sam	ple loc	atton,	date	or tim	e of c	ollection	on is c	onside	red fr	aud ar	id may	y be gr	ounds for k	gal actio	n,	
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	\sim 1 $^{\circ}$			anc		28/25	1/2	.09		I K	ur	iM	W7	tt	Jan		40-	4	TK.A	117	2:4	17				ampleo Jbsequ			acked i	in ice a	t an avg temp	above 0 b	ut less t	nan 6 oC
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Relinqui	- 4	by: (Sig			Date	2825	Tin	<u></u>	,	Rec	veti	by/(Signa	atur	re)		Date	D	11	Time		30		,	T1 T2 T3									
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Sample Ma	atrix: S	· Soil, Sd	- Solid	, Sg - S	ludge, A - A days afte	queous, O			_								Conta	ner	vpe:	g - gl	ass.	p - pc	ly/p	lasti					v - V(OA				
Note: Sa	mple	s are di	s ca rd	ed 14	days afte	er results	are	report	ed ur	nles	othe	ram	ange	eme	nts ar	e mad	le. Haz	ardo	us 581	mple	s wil	1 be	etur	ned 1	o cli	ent o	r disp	ose	of a	t the	diente	pense.	The re	port

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	01/29/25 07	' :15	Wor	k Order ID:	E501208
Phone:	(575) 631-6977	Date Logged In:	01/28/25 15	:27	Log	ged In By:	Caitlin Mars
Email:	sebastian@pimaoil.com	Due Date:	01/29/25 17	7:00 (0 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mater	h the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, request	ed analyses?	No	<u> </u>	Journal		
	Il samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			,		Comments	s/Resolution
	urn Around Time (TAT)				No of conatine	ma mat list	ad an COC
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		No of conaune	is not hst	ed on COC.
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample t	received w/i 15	Yes C				
Sample C	, <u>*</u>	omperature. 1	<u> </u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contained	ers collected?	Yes				
Field Lab	· · · · · · · · · · · · · · · · · · ·	ors conceicu.	103				
	field sample labels filled out with the minimum infor	mation:					
	ample ID?	ination.	Yes				
	ate/Time Collected?		Yes	L			
C	ollectors name?		No				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were pre	eserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase	∂ ?	No				
27. If yes,	does the COC specify which phase(s) is to be analyzed	zed?	NA				
Subcontr	act Laboratory_						
	imples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if			Subcontract Lab	· NA		
			,	odocontract Edo			
Chent III	<u>struction</u>						

Signature of client authorizing changes to the COC or sample disposition.

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 433047

QUESTIONS

ı	Operator:	OGRID:
ı	Spur Energy Partners LLC	328947
ı	9655 Katy Freeway	Action Number:
ı	Houston, TX 77024	433047
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500646235
Incident Name	NAPP2500646235 DARTER 9 STATE 8 BATTERY @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DARTER 9 STATE 8 BATTERY
Date Release Discovered	12/23/2024
Surface Owner	State

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Corrosion Gasket Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.	
Produced Water Released (bbls) Details	Cause: Corrosion Gasket Produced Water Released: 22 BBL Recovered: 21 BBL Lost: 1 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)	FIRETUBE GASKET FAILURE CAUSED AN OIL AND PW RELEASE INTO LINED CONTAINMENT AND OVERFLOWED ONTO THE LOCATION PAD	

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

QUESTIONS, Page 2

Action 433047

QUESTIONS (continued)
OGRID:

Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	433047
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of 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 re 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 he 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, sur 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, local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 01/06/2025

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

QUESTIONS, Page 3

Action 433047

QUESTIONS (continued)

ı	Operator:	OGRID:
ı	Spur Energy Partners LLC	328947
ı	9655 Katy Freeway	Action Number:
ı	Houston, TX 77024	433047
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in m	nilligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	0	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0	
GRO+DRO (EPA SW-846 Method 8015M)	0	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence	01/24/2025	
On what date will (or did) the final sampling or liner inspection occur	01/17/2025	
On what date will (or was) the remediation complete(d)	01/24/2025	
What is the estimated surface area (in square feet) that will be reclaimed	500	
What is the estimated volume (in cubic yards) that will be reclaimed	8	
What is the estimated surface area (in square feet) that will be remediated	500	
What is the estimated volume (in cubic yards) that will be remediated	8	
These estimated dates and measurements are recognized to be the best guess or calculation at to	the time of submission and may (be) change(d) over time as more remediation efforts are completed.	

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

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

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

QUESTIONS, Page 4

Action 433047

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	433047
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Downstration Plant (continued)	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
Yes	
LEA LAND LANDFILL [fEEM0112342028]	
Not answered.	

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

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

Name: Katherine Purvis
I hereby agree and sign off to the above statement
Title: EHS Coordinator

Email: katherine.purvis@spurenergy.com

Date: 02/18/2025

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

Released to Imaging: 2/25/2025 7:30:30 AM

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 5

Action 433047

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	433047
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

Phone: (505) 629-6116
Online Phone Directory

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QUESTIONS, Page 6

Action 433047

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	433047
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	424477
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/28/2025
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	400

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
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	
What was the total surface area (in square feet) remediated	500	
What was the total volume (cubic yards) remediated	8	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet 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	
What was the total surface area (in square feet) reclaimed	500	
What was the total volume (in cubic yards) reclaimed	8	
Summarize any additional remediation activities not included by answers (above)	LINED CONTAINMENT WAS POWERWASHED AND INSPECTED AND FOUND TO HAVE THE ABILILTY TO CONTAIN FLUIDS THE SMALL OVERSPRAY AREA WAS EXCAVATED TO MEET THE MOST STRINGENT NMOCD STANDARDS	

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Katherine Purvis
Title: EHS Coordinator
Email: katherine.purvis@spurenergy.com
Date: 02/18/2025

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QUESTIONS, Page 7

Action 433047

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	433047
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 433047

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	433047
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created E		Condition Date
rhamle	We have received your Remediation Closure Report for Incident #NAPP2500646235 DARTER 9 STATE 8 BATTERY, thank you. This Remediation Closure Report is approved.	2/25/2025