



Grave Digger St Com 3H TB

Incident ID NAPP2506428606

PREPARED BY:  
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:  
Spur Energy

## Liner Inspection and Closure Report

April 16, 2025



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

<b>FACILITY NAME</b>	GRAVE DIGGER ST COM 3H TB
<b>DATE OF RELEASE</b>	3/2/2025
<b>INCIDENT NO.</b>	NAPP2506428606

<b>Site Characterization</b>	
<b>DTGW</b> What is the shallowest DTGW beneath the area affected by the release in ft below ground surface (ft bgs)	Between 100 and 500 ft.
<b>GW Depth Determination</b> What method was used to determine the DTGW?	U.S Geological Survey
<b>Ground or Surface Water Impacted</b> 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>	
<b>Distance to Watercourse</b> A continuously flowing watercourse or any other significant watercourse?	1-5 mi
<b>Distance to Lakebed</b> Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	> 5 mi.
<b>Distance to Public</b> An occupied permanent residence, school, hospital, institution, or church?	Between 1 mi. and 5 mi.
<b>Distance to Private</b> A spring or a private domestic FW well used by less than five households for domestic or stock watering purposes?	> 5 mi.
<b>Distance to Fresh Water</b> Any other FW well spring?	Between 1/2 mi. and 1 mi.
<b>Within Municipal Boundaries</b> Incorporated municipal boundaries or a defined municipal FW well field?	> 5 mi.
<b>Distance to Wetland</b> A wetland?	Between 1 mi. and 5 mi.
<b>Overlying Subsurface Mine</b> A subsurface mine?	> 5 mi.
<b>Overlying (Non-Karst) Unstable Area</b> An (non-karst) unstable area?	0 ft, overlying, or within area
<b>Risk of Karst Geology</b> Catergorize the risk of this well/site being in a karst geology?	High
<b>Distance to or Within 100 yr Floodplain</b> A 100-year floodplain?	Between 1/2 mi. and 1 mi.
<b>Areas NOT Other Site</b> Did the release impact areas not on exploration, development, production, or storage site?	Yes
<b>Remediation Plan</b>	
<b>Have the lateral and vertical extents of contamination been fully delineated?</b>	Yes

<b>Lined Containment Area Only</b> Was this release entirely contained within a lined containment area?	No
<b>Soil Containment Sampling</b>	(EPA 300.00 or SM4500 CI B?)
<b>Chloride</b> Constituent Chloride (mg/kg)	2,440
	(EPA SW-846 Method 8015M)?
<b>TPH (GRO+DRO+MRO)</b> Constituent TPH (mg/kg)	0
	(EPA SW-846 Method 8015M)?
<b>GRO + DRO</b> Constituent GRO-DRO (mg/kg)	0
	(EPA SW-846 Method 8021B or 8260B)?
<b>BTEX</b> Constituent BTEX (mg/kg)	0
	(EPA SW-846 Method 8021B or 8260B)?
<b>Benzene</b> Constituent Benzene (mg/kg)	0
<b>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 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</b>	
<b>Start of Remediation</b> On what estimated date will remediation commence?	3/20/2025
<b>Start of Sampling or Liner Inspection</b> On what date will (or did) the final sampling or liner inspection occur?	3/26/2025
<b>Finish of Remediation</b> On what date will (or was) the remediation complete(d)?	4/1/2025
<b>Surface Area (sq ft) To Be Reclaimed</b> What is the estimated surface area (in sq ft) that will be reclaimed?	1,000
<b>Surface Area (sq ft) To Be Remediated</b> What is the estimated surface area (in sq ft) that will be remediated?	1,000
<b>Volume (cu yd) To Be Remediated</b> What is the estimated volume (in cubic yds) that will be remediated?	20
<b>Remediation Plan (Cont.)</b> Please answer all that apply	
<b>Ex Situ Excavation Off-Site</b> (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc)?	Yes
<b>Ex Situ Excavation On-Site</b> (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)?	No
<b>In Situ Soil Vapor Extraction (SVE)?</b>	No
<b>In Situ Chemical Processing</b> (in Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)?	No
<b>In Situ Biological Processing</b> (In Situ) Biological processing (i.e. Microbes/Fertilizer, etc.)?	No
<b>In Situ Physical Processing</b> (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)?	No
<b>In Situ Ground Water Abatement</b> GW Abatement pursuant to 19.15.30 NMAC?	No
<b>Remediation Other</b> 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

<p align="center"><b>Remediation Closure Request</b></p> <p>(Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed)</p>	
<p><b>Requesting a remediation closure approval with this submission?</b></p>	<p align="center">Yes</p>
<p><b>Have the lateral and vertical extents of contamination been fully delineated?</b></p>	<p align="center">Yes</p>
<p><b>Was this release entirely contained within a lined containment area?</b></p>	<p align="center">No</p>
<p align="center"><b>Restored Areas For Production Use</b></p> <p>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?</p>	<p align="center">Yes</p>
<p align="center"><b>Total Surface Area (sq ft) Remediated</b></p> <p>What was the total surface area (sq ft) remediated?</p>	<p align="center">1,000</p>
<p align="center"><b>Total Volume (cu yd) Remediated</b></p> <p>What was the total volume (cubic yards) remediated?</p>	<p align="center">20</p>
<p align="center"><b>Reclaimed to Condition Prior Release</b></p> <p>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?</p>	<p align="center">Yes</p>
<p align="center"><b>Total Surface Area (sq ft) Reclaimed</b></p> <p>What was the total surface area (in sq ft) reclaimed?</p>	<p align="center">1,000</p>
<p align="center"><b>Remediation Summary</b></p> <p>Summarize any additional remediation activities not included by answers (above).</p>	<p>The lined containment was power-washed, and all standing fluids were recovered using a vacuum truck. Following cleanup, a liner inspection was conducted and confirmed that the containment liner maintained its integrity. The impacted area outside the lined containment was excavated, confirmation samples were collected, and the area was backfilled with clean material.</p>



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

April 16, 2025

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

**RE: Liner Inspection and Closure Report**  
**Grave Digger St Com 3H TB**  
**API No. 30-015-39151**  
**GPS: Latitude 32.60878 Longitude -104.45253**  
**UL- B, Section 02, Township 20S, Range 25E**  
**NMOCD Reference No. NAPP2506428606**

Spur Energy Partners (Spur) engaged Pima Environmental Services, LLC (Pima) to conduct remediation activities, liner inspection and prepare this closure report addressing the release of produced water at the Grave Digger St Com 3H TB (Grave). An initial C-141 was submitted on March 5, 2025, and the New Mexico Oil Conservation Division (NMOCD) assigned the incident ID NAPP2506428606 to this event.

In the initial Notice of Release (NOR) and C-141, it was incorrectly stated that all fluid remained within the lined containment. However, a fine mist of fluid was released beyond the containment area, impacting the adjacent pasture to the east. Approximately 0.5 barrels of fluid were released outside the lined containment, affecting an area of approximately 1,200 square feet. We respectfully request a variance to amend the original NOR and C-141 to accurately reflect the release that occurred outside the containment area.

### Site Information and Site Characterization

The Grave is located approximately 2.0 miles northwest of Seven Rivers, NM. This spill site is in Unit B, Section 02, Township 20S, Range 25E, Latitude 32.60878 Longitude -104.45253, 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 greater than 100 feet below grade surface (BGS), positioned roughly 0.93 miles away from the Grave, with the last meter reading being completed on August 26, 1953. Conversely, as per the United States Geological Survey well water data, the nearest groundwater depth in this region is recorded at 148.28 feet BGS, situated approximately 0.59 miles away from the Grave, with the last gauge conducted on January 23, 2003. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Notably, the Grave 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

**NAPP2506428606:** On March 2, 2025, an equipment failure led to the release of approximately 63 barrels of produced water into the lined containment. A fine mist extended beyond the containment to the east side of the tank battery. Spur personnel responded promptly, stopping the release and successfully recovering all 63 barrels of produced water.

A Site Map can be found in Figure 4.

### Site Assessment and Liner Inspection

On March 23, 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 March 26, 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.

On March 11, 2025, Pima Environmental deployed a field technician to collect delineation samples from the impacted pasture area. The impact, limited to a fine mist from the release, affected approximately 1,200 square feet outside the lined containment. To achieve vertical delineation, three bottom samples (V1–V3) were collected at depths ranging from the surface to four feet bgs. For horizontal delineation, two soil samples (H1 & H2) were taken at depths of 0.5 feet and 1-foot bgs. The sampling results are summarized in the accompanying data table, with the full laboratory report provided in Appendix E.

3-11-25 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Spur Energy Grave Digger St. Com 3H TB								
Date: 3-11-25		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	Cl mg/kg
V1	Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	1840
V1	2'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	432
V1	4'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
V2	Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	2440
V2	2'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	496
V2	4'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	208
V3	Surface	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	64
V3	2'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
V3	4'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
H1	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
H1	1'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
H2	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	<16.0
H2	1'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16

A total of thirteen (13) 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 Cardinal Laboratories in Hobbs, New Mexico (Appendix C).

**Remediation Activities**

Between March 20 and March 26, Pima Environmental deployed a heavy equipment operator and a spotter to remediate the impacted area located on the east side of the lined containment in the pasture. The top six inches of impacted soil were excavated, resulting in the removal of approximately 20 cubic yards of contaminated material. This material was transported to Lea Land, an NMOCD-approved landfill, for proper disposal. The total excavated area measured approximately 1,000 square feet, with a perimeter of about 150 feet.

On March 23, 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 March 26, 2025, a Pima field technician conducted a confirmation sampling event at the Gravedigger site. During this event, five composite bottom samples (CS1–CS5) and five composite sidewall samples (CSW1–CSW5) were collected. In addition, one sample of the backfill material was obtained to verify that clean material was used for backfilling. The excavation area covered approximately 1,000 square feet, with a perimeter of roughly 150 feet. The results of the confirmation sampling are summarized in the data table below.

3-26-25 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Spur Energy GRAVE DIGGER ST. COM 3H TB								
Date: 3-26-25		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	Cl mg/kg
CS1	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CS2	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CS3	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CS4	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CS5	0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	ND
CSW1	0-0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	16
CSW2	0-0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	ND
CSW3	0-0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	32
CSW4	0-0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	ND
CSW5	0-0.5'	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	ND
Backfill	N/A	<0.300	<0.050	<10.0	<10.0	<10.0	<30.0	ND

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 eleven (11) 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 Cardinal Laboratories in Hobbs, 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 nAPP2506428606 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- Delineation Sample Map
  - 5- Confirmation Sample 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
  - Appendix E – Laboratory Reports

## Figures:

Figure 1- Location Map

Figure 2- Topographic Map

Figure 3- Karst Map

Figure 4- Delineation Sample Map

Figure 5- Confirmation Sample Map

# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Location Map

**Legend** Page 9 of 82

-  2.0 Miles
-  Grave Digger St Com 3H Battery



Grave Digger St Com 3H Battery

Balzano Family Vineyard & Pumpkin P

Seven Rivers Farms

Seven Rivers

285

1 mi

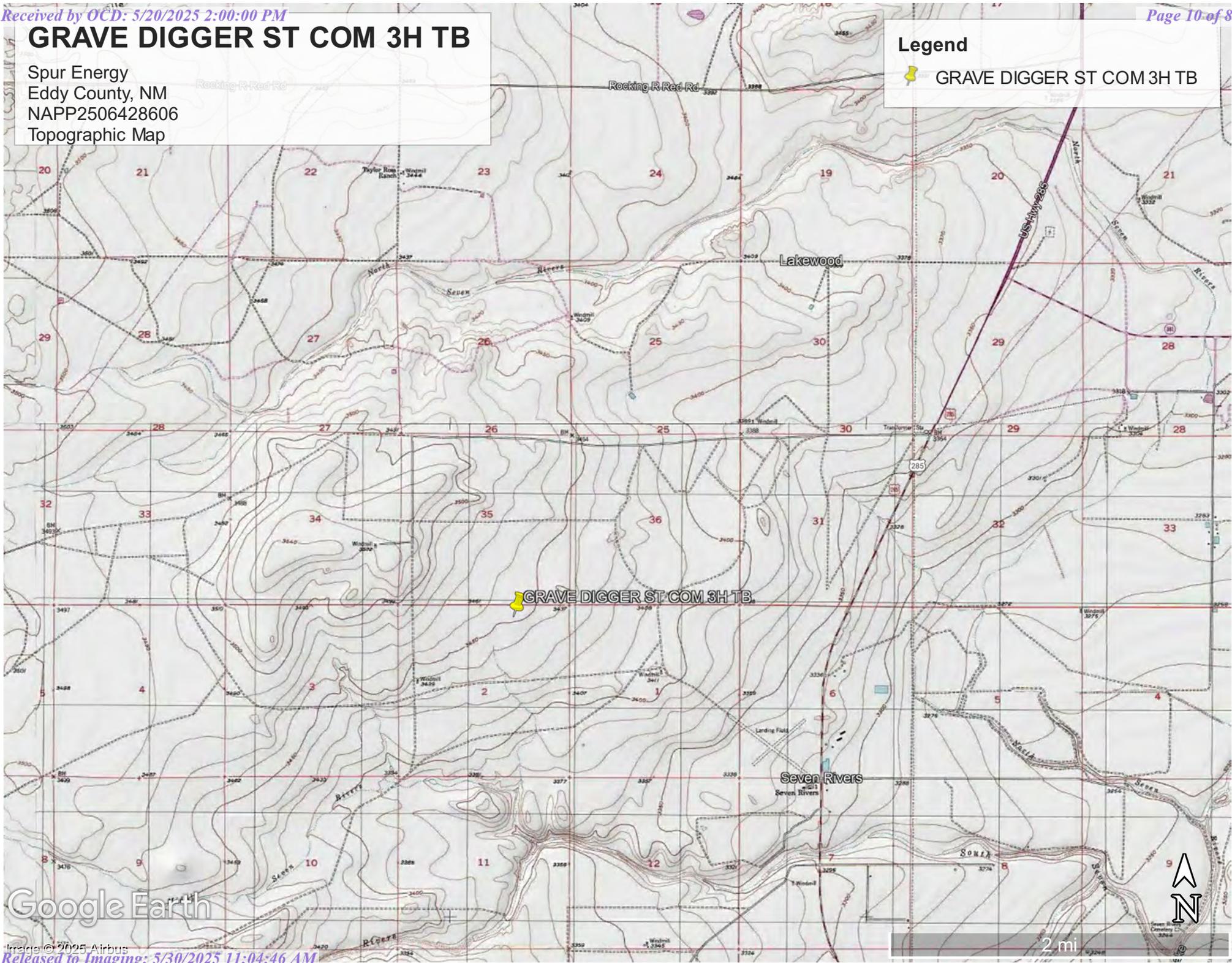


# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Topographic Map

## Legend

 GRAVE DIGGER ST COM 3H TB



Google Earth

2 mi

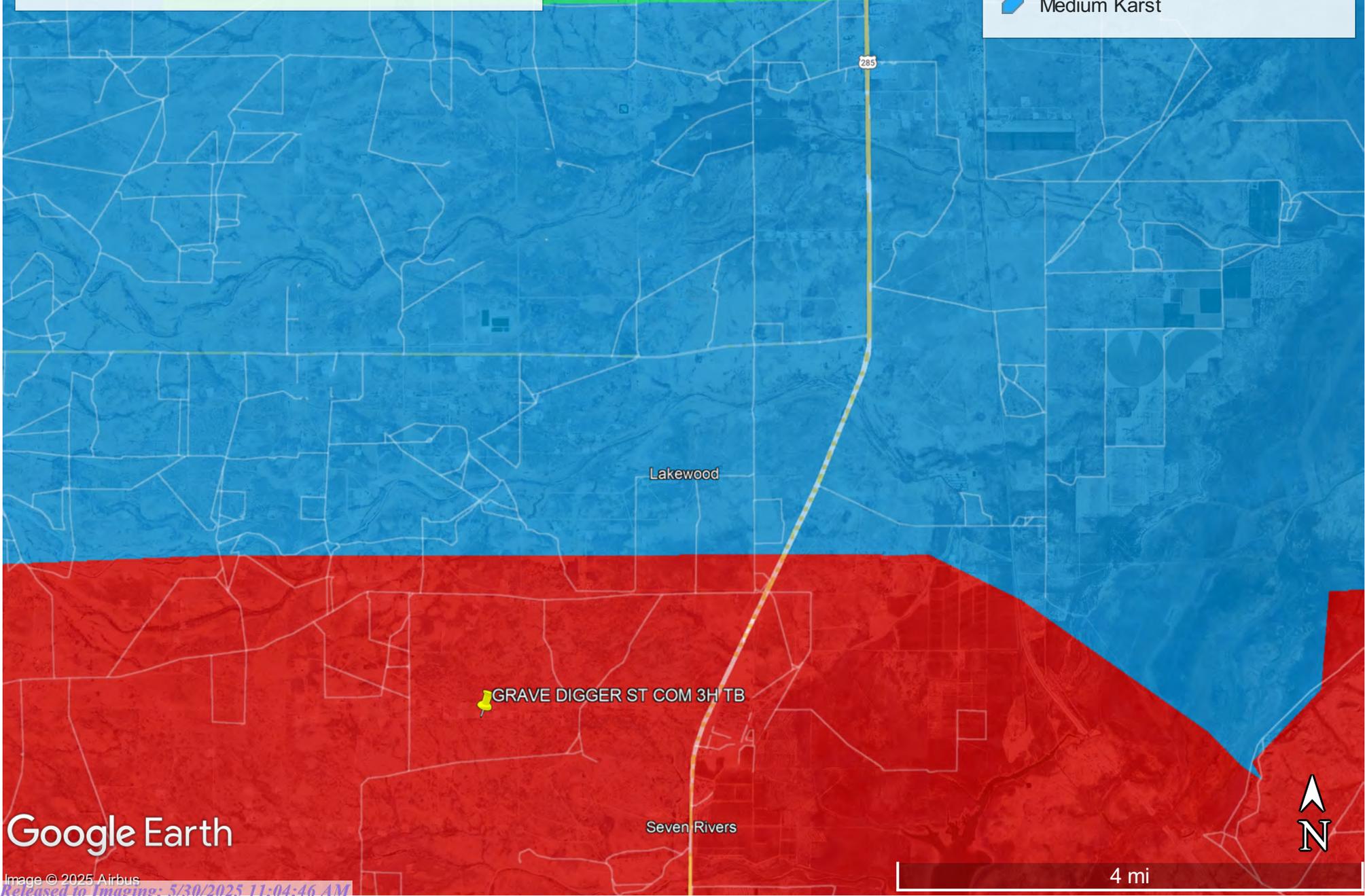


# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Karst Map

## Legend

-  GRAVE DIGGER ST COM 3H TB
-  High Karst
-  Low Karst
-  Medium Karst



Google Earth

4 mi

# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Delineation Sample Map

**Legend**

-  Grave Digger St Com 3H Battery
-  Initial Horizontal Delineation Sample
-  Initial Vertical Delineation Sample
-  Liner Inspection Area
-  Overspray Area



Grave Digger St Com 3H Battery

H1

V1

V2

H2

V3



# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Confirmation Sample Map

## Legend

-  0.5' Excavation
-  Confirmation Bottom Sample
-  Confirmation Side Wall Sample



CSW1 

CS1

CSW5 

CS4

CS2

CSW2 

CS5

CSW4 

CS3

CSW3 



## 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	Y	Map
RA 03018	SW	NE	SE	34	19S	25E	549987.0	3608639.0 *		

\* UTM location was derived from PLSS - see Help

<b>Driller License:</b>	46	<b>Driller Company:</b>	ABBOTT BROTHERS COMPANY		
<b>Driller Name:</b>	ABBOTT BROS.				
<b>Drill Start Date:</b>		<b>Drill Finish Date:</b>		<b>Plug Date:</b>	
<b>Log File Date:</b>	1953-08-26	<b>PCW Rcv Date:</b>		<b>Source:</b>	Shallow
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	
<b>Casing Size:</b>	7.00	<b>Depth Well:</b>	530	<b>Depth Water:</b>	

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.

3/5/25 9:32 AM MST

Point of Diversion Summary

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# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
OSE Pod Map

## Legend

-  0.93 Miles
-  GRAVE DIGGER ST COM 3H TB
-  RA 03018

RA 03018

GRAVE DIGGER ST COM 3H TB

Google Earth



3000 ft



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

**i** Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list =

- 323611104273601

Minimum number of levels = 1

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

## USGS 323611104273601 20S.25E.02.133244

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°36'11", Longitude 104°27'36" NAD27

Land-surface elevation 3,438 feet above NAVD88

The depth of the well is 150.0 feet below land surface.

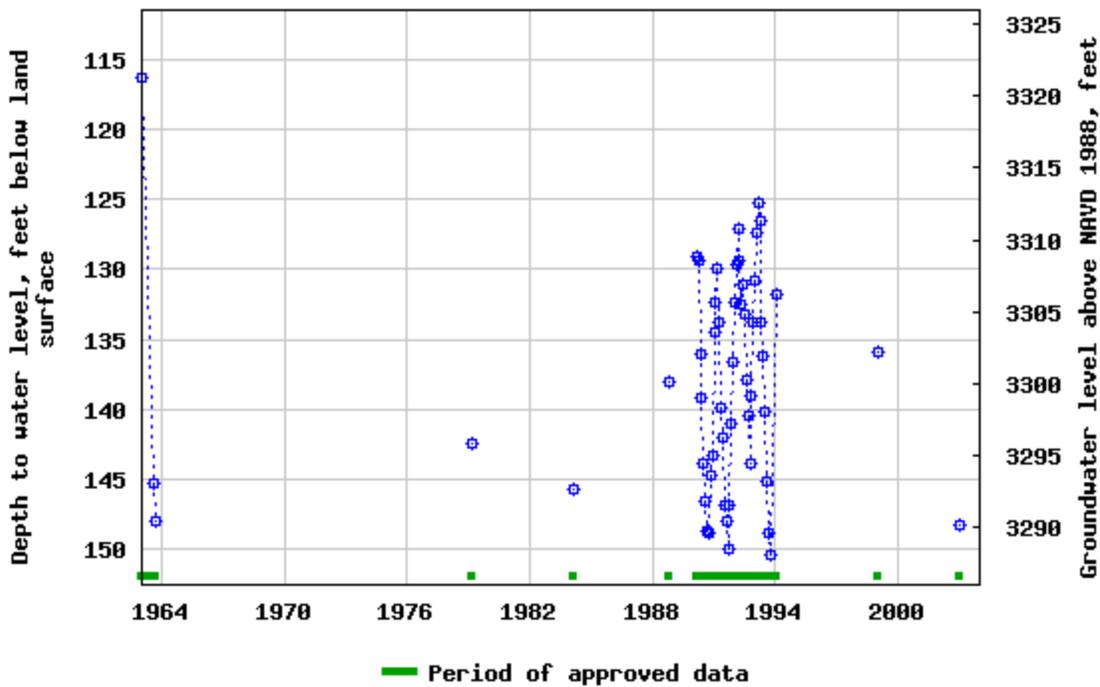
This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Rustler Formation (312RSLR) 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>

USGS 323611104273601 20S.25E.02.133244



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

[Download a presentation-quality graph](#)

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[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

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

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



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

Page Last Modified: 2025-03-05 11:41:37 EST

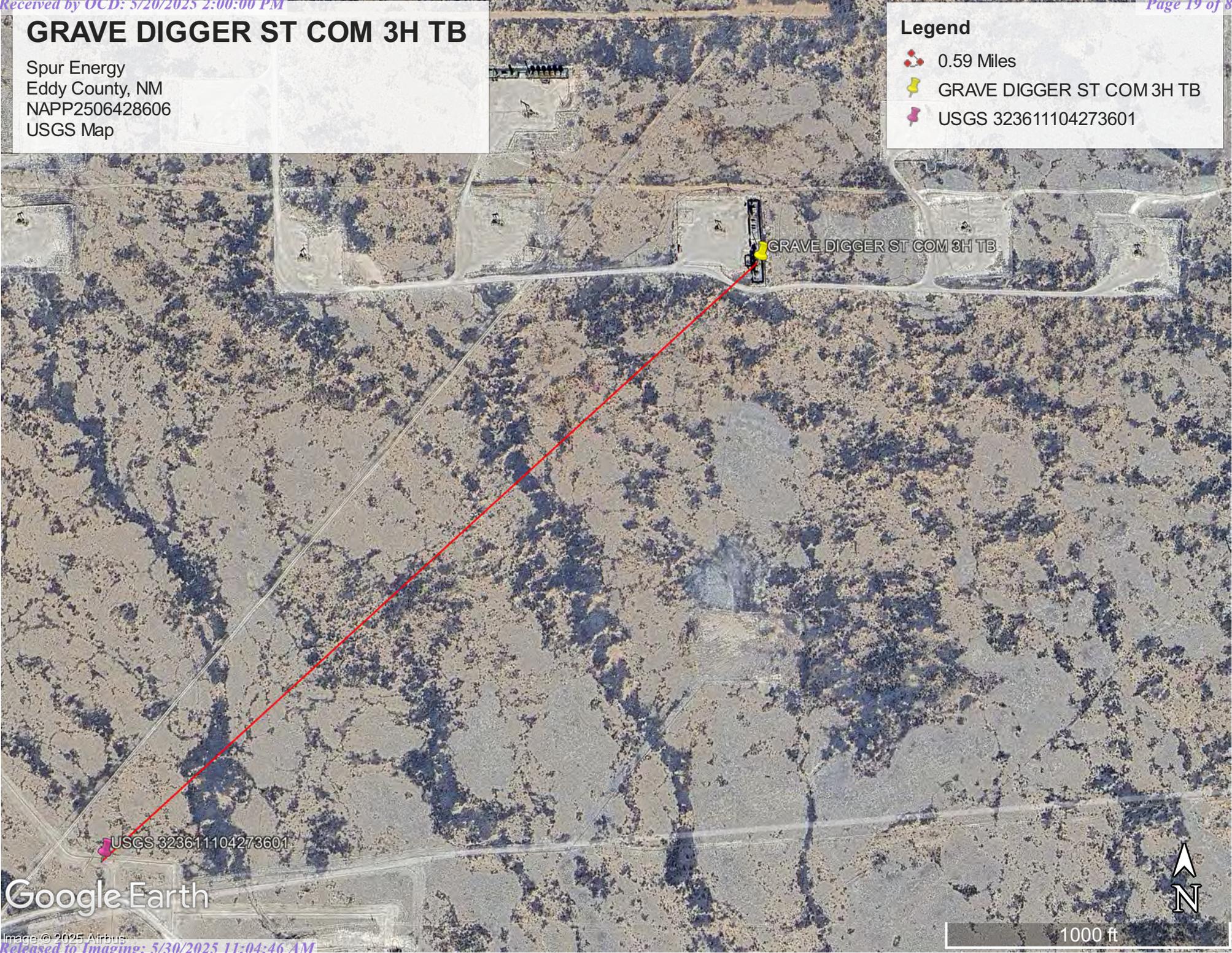
10.83 0.55 nadww02

# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
USGS Map

## Legend

-  0.59 Miles
-  GRAVE DIGGER ST COM 3H TB
-  USGS 323611104273601



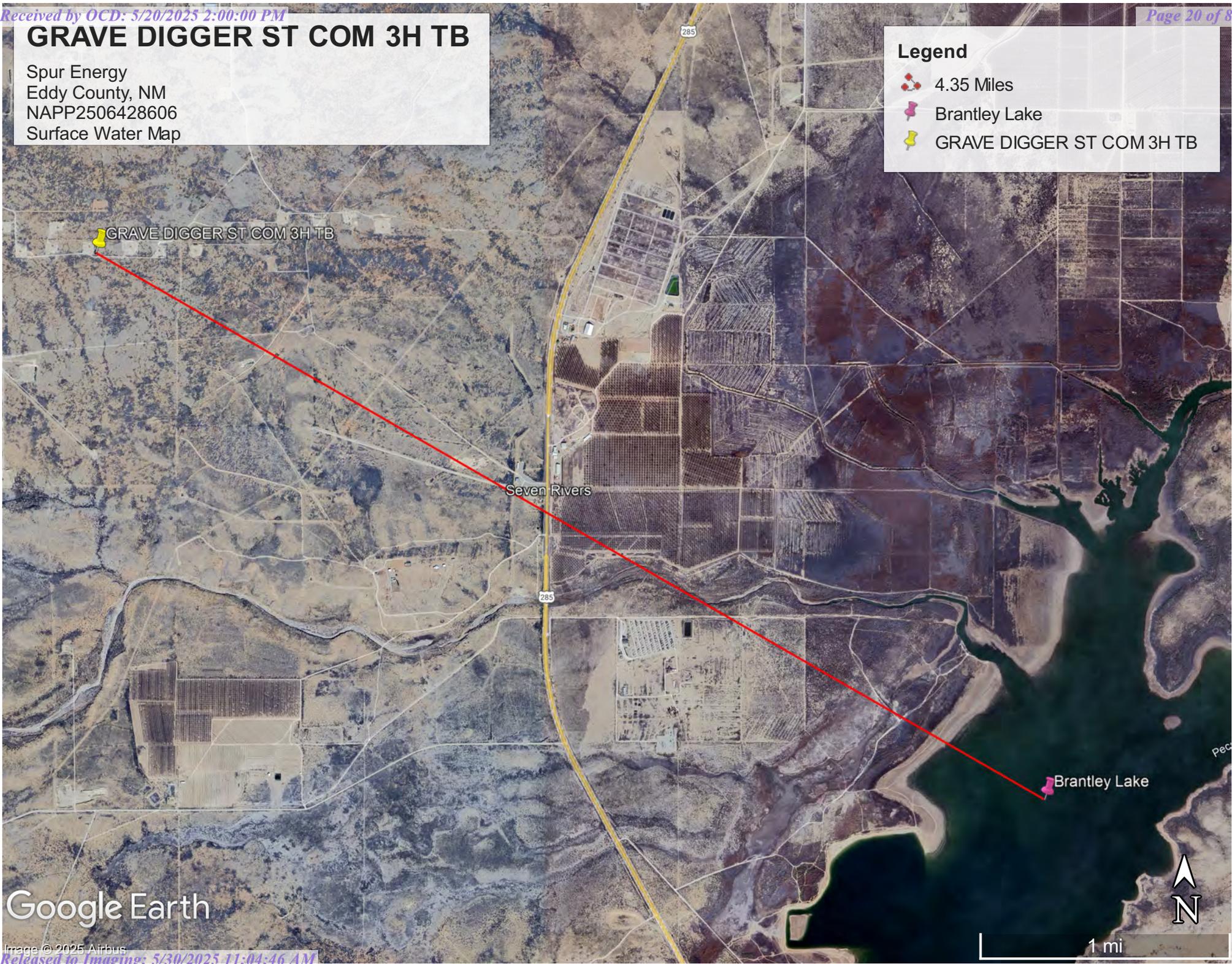
Google Earth

# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Surface Water Map

**Legend**

-  4.35 Miles
-  Brantley Lake
-  GRAVE DIGGER ST COM 3H TB



Google Earth

## Appendix B

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

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

## Eddy Area, New Mexico

### RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5f  
*Elevation:* 1,250 to 5,000 feet  
*Mean annual precipitation:* 10 to 25 inches  
*Mean annual air temperature:* 57 to 70 degrees F  
*Frost-free period:* 190 to 235 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Reeves and similar soils:* 55 percent  
*Gypsum land:* 30 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Reeves

##### Setting

*Landform:* Ridges, plains, hills  
*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope  
*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from gypsum

##### Typical profile

*H1 - 0 to 8 inches:* loam  
*H2 - 8 to 32 inches:* clay loam  
*H3 - 32 to 60 inches:* gypsiferous material

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* 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:* 25 percent  
*Gypsum, maximum content:* 80 percent  
*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 4.0  
*Available water supply, 0 to 60 inches:* Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

---

### Interpretive groups

*Land capability classification (irrigated):* 3s  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

### Description of Gypsum Land

#### Setting

*Landform:* Ridges, plains, hills  
*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope  
*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from gypsum

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 8s  
*Hydric soil rating:* No

### Minor Components

#### Largo

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Reagan

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Cottonwood

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC033NM - Salty Bottomland  
*Hydric soil rating:* No

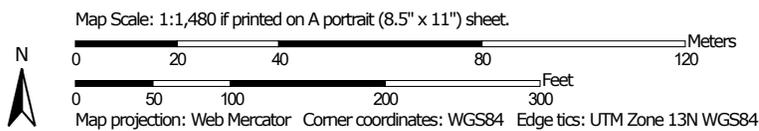
## Data Source Information

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

3/5/2025 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.

Soil Map—Eddy Area, New Mexico

---

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	9.9	100.0%
<b>Totals for Area of Interest</b>		<b>9.9</b>	<b>100.0%</b>

(<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)

## Piedmont alluvial deposits

<a href="/geology/state/xml/NMQp;0">XML (/geology/state/xml/NMQp;0)</a>	<a href="/geology/state/json/NMQp;0">JSON (/geology/state/json/NMQp;0)</a>
<a href="/geology/state/unit-shape.php?unit=NMQp;0">Shapefile (/geology/state/unit-shape.php?unit=NMQp;0)</a>	

*Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits.*

<b>State</b>	New Mexico ( <a href="/geology/state/state.php?state=NM">/geology/state/state.php?state=NM</a> )
<b>Name</b>	Piedmont alluvial deposits
<b>Geologic age</b>	Holocene to lower Pleistocene
<b>Lithologic constituents</b>	Major Unconsolidated (Alluvial) <i>Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans</i>
<b>References</b>	<p>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.</p> <p><a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a>                  (<a href="https://pubs.er.usgs.gov/publication/ofr9752">https://pubs.er.usgs.gov/publication/ofr9752</a>)</p>
<b>NGMDB product</b>	<p>NGMDB product page for 59219                  (<a href="https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_59219.htm</a>)</p> <p>NGMDB product page for 22974                  (<a href="https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm">https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm</a>)</p>

**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) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Dona Ana (/geology/state/fips-unit.php?code=f35013) - Eddy (/geology/state/fips-unit.php?code=f35015) - Grant (/geology/state/fips-unit.php?code=f35017) - Guadalupe (/geology/state/fips-unit.php?code=f35019) - Hidalgo (/geology/state/fips-unit.php?code=f35023) - Lea (/geology/state/fips-unit.php?code=f35025) - Lincoln (/geology/state/fips-unit.php?code=f35027) - Los Alamos (/geology/state/fips-unit.php?code=f35028) - Luna (/geology/state/fips-unit.php?code=f35029) - Mora (/geology/state/fips-unit.php?code=f35033) - Otero (/geology/state/fips-unit.php?code=f35035) - Quay (/geology/state/fips-unit.php?code=f35037) - Rio Arriba (/geology/state/fips-unit.php?code=f35039) - Roosevelt (/geology/state/fips-unit.php?code=f35041) - Sandoval (/geology/state/fips-unit.php?code=f35043) - San Miguel (/geology/state/fips-unit.php?code=f35047) - Santa Fe (/geology/state/fips-unit.php?code=f35049) - Sierra (/geology/state/fips-unit.php?code=f35051) - Socorro (/geology/state/fips-unit.php?code=f35053) - Taos (/geology/state/fips-unit.php?code=f35055) - 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/>) |

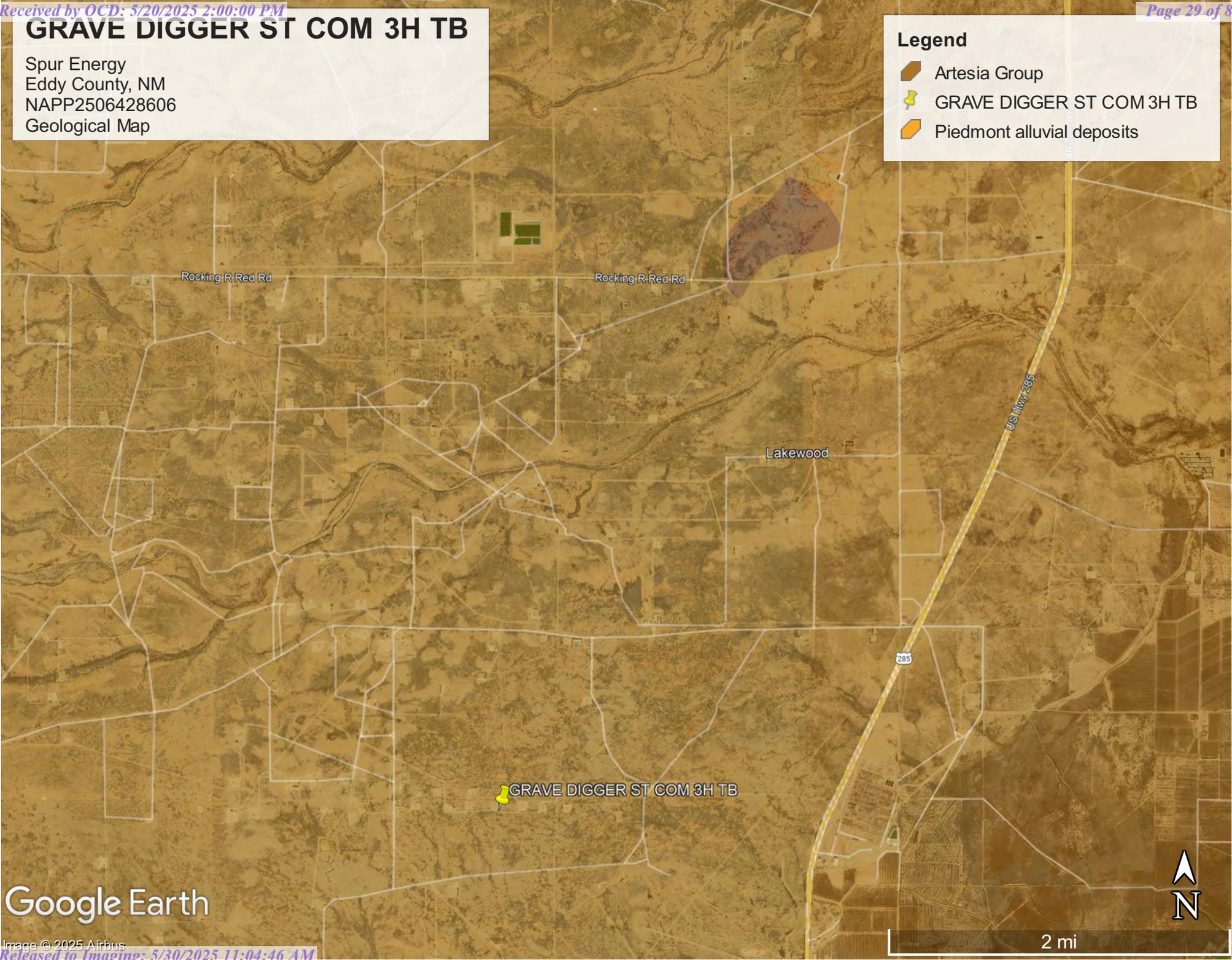
No Fear Act (<https://www.doi.gov/pmb/eeo/no-fear-act>) | FOIA (<https://www2.usgs.gov/foia>)

# GRAVE DIGGER ST COM 3H TB

Spur Energy  
Eddy County, NM  
NAPP2506428606  
Geological Map

**Legend**

-  Artesia Group
-  GRAVE DIGGER ST COM 3H TB
-  Piedmont alluvial deposits



Google Earth



2 mi

# National Flood Hazard Layer FIRMette



104°27'28"W 32°36'47"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs

GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/5/2025 at 4:14 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 Map



March 5, 2025

### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

## Appendix C

- 48-Hour Notification
- Liner Inspection Form

**Sebastian@pimaoil.com**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Sunday, March 23, 2025 9:04 PM  
**To:** sebastian@pimaoil.com  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 444729

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#) nAPP2506428606.

The liner inspection is expected to take place:

**When:** 03/26/2025 @ 08:00

**Where:** B-02-20S-25E 0 FNL 0 FEL (32.60878,-104.45253)

**Additional Information:** Marisa Loya  
575-416-0639

**Additional Instructions:** 32.608907°-104.452921°

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:** Wednesday, March 5, 2025 9:10 PM  
**To:** sebastian@pimaoil.com  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 439533

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#) nAPP2506428606.

The sampling event is expected to take place:

**When:** 03/11/2025 @ 08:00

**Where:** B-02-20S-25E 0 FNL 0 FEL (32.60878,-104.45253)

**Additional Information:** Marisa Loya  
575-416-0639

**Additional Instructions:** 32.608816°-104.452521°

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



Pima Environmental Services, LLC

**Liner Inspection Form**

Company Name: Spur Energy

Site: GRAVE DIGGER ST COM 3H TB

Lat/Long: 32.60878,-104.45253

NMOCD Incident ID & Incident Date: NAPP2506428606 03/2/2025

2-Day Notification Sent: via OCD portal 03/23/2025

Inspection Date: 03/26/2025

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		Residual liquid is visible in the photo log from the power washing cleaning event.
Does the liner have integrity to contain a leak?	X		

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

Inspector Name: Marisa Loya      Inspector Signature: Marisa Loya

## Appendix D

- Photographic Documentation

PHOTOGRAPHIC DOCUMENTATION SITE

NAME:Grave Digger State Com 3H Battery

Gravel Removal :



Photograph taken prior to gravel removal, facing west.



Photograph taken prior to gravel removal, facing east.



Photograph taken prior to gravel removal, facing southwest.



Photograph taken prior to gravel removal, facing north.

PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Grave Digger State Com 3H Battery

Pre- Powerwash Photos:



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 east.



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

### PHOTOGRAPHIC DOCUMENTATION SITE

NAME: Grave Digger State Com 3H Battery

#### Liner Inspection :

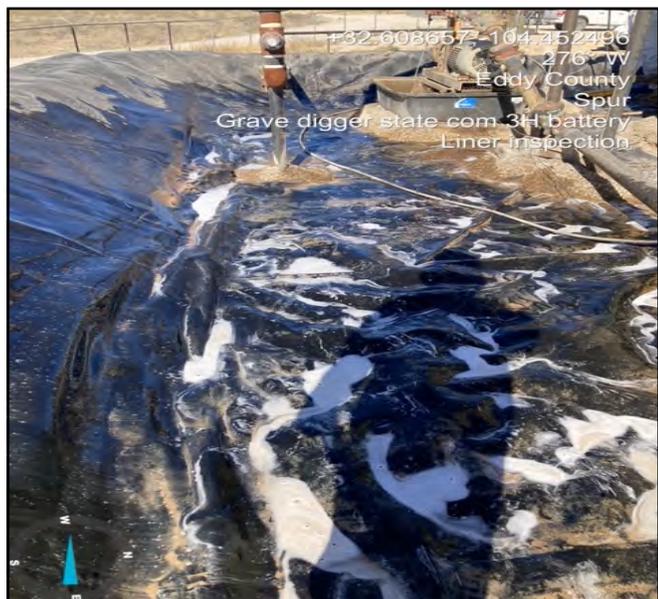


Photo taken pursuant to power washing. Facing west.



Photo taken pursuant to power washing. Facing northwest.



Photo taken pursuant to power washing. Facing southwest.



Photo taken pursuant to power washing. Facing west.



Photo taken pursuant to power washing.  
Facing south.

Photo taken pursuant to power washing.  
Facing east.



**PHOTOGRAPHIC DOCUMENTATION SITE**

**NAME: Grave Digger State Com 3H Battery**

**Excavation and Backfill :**



Photograph taken during excavation facing north.

Photograph taken post excavation/ backfill, facing west.

## Appendix E

- Laboratory Reports



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

---

March 18, 2025

SEBASTIAN OROZCO  
PIMA ENVIROMENTAL  
1601 N TURNER STE. 500  
HOBBS, NM 88240

RE: GRAVE DIGGER ST. COM 3H TB

Enclosed are the results of analyses for samples received by the laboratory on 03/12/25 16:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene  
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 1 - SURFACE (H251483-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	03/13/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	205	103	200	0.814	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	202	101	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.8 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 1 - 2' (H251483-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	03/13/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	205	103	200	0.814	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	202	101	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.7 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 1 - 4' (H251483-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/13/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	205	103	200	0.814	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	202	101	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.6 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 2 - SURFACE (H251483-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2440</b>	16.0	03/13/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	205	103	200	0.814	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	202	101	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 2 - 2' (H251483-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	205	103	200	0.814	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	202	101	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 2 - 4' (H251483-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 3 - SURFACE (H251483-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 3 - 2' (H251483-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: V 3 - 4' (H251483-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: H 1 - 1.5' (H251483-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: H 1 - 1' (H251483-11)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31		
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25		
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34		
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26		
Total BTEX	<0.300	0.300	03/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/13/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70		
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND						

Surrogate: 1-Chlorooctane 87.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.7 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/12/2025	Sampling Date:	03/11/2025
Reported:	03/18/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: H 2 - 1.5' (H251483-12)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2025	ND	2.22	111	2.00	2.31		
Toluene*	<0.050	0.050	03/13/2025	ND	2.30	115	2.00	4.25		
Ethylbenzene*	<0.050	0.050	03/13/2025	ND	2.44	122	2.00	4.34		
Total Xylenes*	<0.150	0.150	03/13/2025	ND	7.48	125	6.00	4.26		
Total BTEX	<0.300	0.300	03/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/13/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70		
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50		
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND						

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.8 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received: 03/12/2025  
 Reported: 03/18/2025  
 Project Name: GRAVE DIGGER ST. COM 3H TB  
 Project Number: 6-384  
 Project Location: SPUR ENERGY - EDDY CO NM

Sampling Date: 03/11/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H 2 - 1' (H251483-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2025	ND	2.22	111	2.00	2.31	
Toluene*	<0.050	0.050	03/14/2025	ND	2.30	115	2.00	4.25	
Ethylbenzene*	<0.050	0.050	03/14/2025	ND	2.44	122	2.00	4.34	
Total Xylenes*	<0.150	0.150	03/14/2025	ND	7.48	125	6.00	4.26	
Total BTEX	<0.300	0.300	03/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/13/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2025	ND	203	102	200	1.70	
DRO >C10-C28*	<10.0	10.0	03/13/2025	ND	197	98.4	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	03/13/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.1 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

Company Name: Pima Environmental Services  
 Project Manager: Sebastian Orozco

Address: 5614 N. Lovington Hwy  
 City: Hobbs

Phone #: 575-964-7740 Fax #: 575-964-7740  
 State: NM Zip: 88240

Project #: 6-384 Project Owner: SPUR  
 Project Name: GRAVE PIGGER ST CORN SH TB

Project Location: Eddy County  
 Sampler Name: Marisa Loya

FOR LAB USE ONLY

**BILL TO**

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	BTX	TPH	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H951483	V1-SURFACE											5:00	8:07	X	X	X	
	V1-2'											5:00	8:09	X	X	X	
	V1-4'											5:00	8:11	X	X	X	
	V2-SURFACE											5:00	8:14	X	X	X	
	V2-2'											5:00	8:16	X	X	X	
	V2-9'											5:00	8:19	X	X	X	
	V3-SURFACE											5:00	8:24	X	X	X	
	V3-2'											5:00	8:26	X	X	X	
	V3-4'											5:00	8:29	X	X	X	
	V1-1.5'											5:00	8:30	X	X	X	

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Relinquished By: Marine Adams  
 Date: 5/20/25  
 Time: 1:45

Received By: Steadionery  
 Date: 5/20/25  
 Time: 2:10

Delivered By: (Circle One) - 2.4.16 to 0.3.1

Sampler - Ups - Bus - Other: - 2.1.1 #140

Sample Condition Cool Intact  
 Yes  No

CHECKED BY: (Initials) SL

Phone Result:  Yes  No Add'l Phone #:  
 Fax Result:  Yes  No Add'l Fax #:

REMARKS: Billing: 7010-7410, 999180  
 Standard

\* Cardinal cannot warrant analytical performance. Diamond Environmental Laboratory, Inc. 12721 703 7726





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

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March 27, 2025

SEBASTIAN OROZCO

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: GRAVE DIGGER ST. COM 3H TB

Enclosed are the results of analyses for samples received by the laboratory on 03/26/25 15:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CS 1 (H251787-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/27/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CS 2 (H251787-02)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/27/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CS 3 (H251787-03)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/27/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.9 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CS 4 (H251787-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/27/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CS 5 (H251787-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/27/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.0 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CSW 1 (H251787-06)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490		
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23		
Total BTEX	<0.300	0.300	03/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28		
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538		
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND						

Surrogate: 1-Chlorooctane 81.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CSW 2 (H251787-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/27/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CSW 3 (H251787-08)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490		
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23		
Total BTEX	<0.300	0.300	03/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	187	93.7	200	1.28		
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	188	94.1	200	0.538		
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND						

Surrogate: 1-Chlorooctane 80.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CSW 4 (H251787-09)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490		
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864		
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57		
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23		
Total BTEX	<0.300	0.300	03/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	200	100	200	0.452		
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	197	98.6	200	1.29		
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND						

Surrogate: 1-Chlorooctane 87.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: CSW 5 (H251787-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/27/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	200	100	200	0.452	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	197	98.6	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

**Analytical Results For:**

PIMA ENVIROMENTAL  
 SEBASTIAN OROZCO  
 1601 N TURNER STE. 500  
 HOBBS NM, 88240  
 Fax To:

Received:	03/26/2025	Sampling Date:	03/26/2025
Reported:	03/27/2025	Sampling Type:	Soil
Project Name:	GRAVE DIGGER ST. COM 3H TB	Sampling Condition:	Cool & Intact
Project Number:	6-384	Sample Received By:	Alyssa Parras
Project Location:	SPUR ENERGY - EDDY CO NM		

**Sample ID: BACKFILL (H251787-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.80	90.2	2.00	0.490	
Toluene*	<0.050	0.050	03/26/2025	ND	1.96	97.8	2.00	0.864	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.92	95.9	2.00	1.57	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	5.74	95.7	6.00	1.23	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/27/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/26/2025	ND	200	100	200	0.452	
DRO >C10-C28*	<10.0	10.0	03/26/2025	ND	197	98.6	200	1.29	
EXT DRO >C28-C36	<10.0	10.0	03/26/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

Company Name: PIMA ENVIRONMENTAL

Project Manager: Sebastian Orozco

Address: 5614 North Lovington HWY

City: Hobbs State: NM Zip: 88260

Phone #: (519) 721-4813

Project #: 6-384 Project Owner: SPUR

Project Name: Grave Digger St Com 3H Tank Battery

Project Location: Eddy County

Sampler Name: Marisa Loya

Lab I.D.

**BILL BULL TO**

**ANALYSIS REQUEST**

P.O. #:

Company: SPUR

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

PRESERV. SAMPLING

FOR LAB USE ONLY	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	CHLORIDES	TPH		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:							
	11851781					X											
	Backfill																

IN CASE OF TIE: Liability and Coverage: Cardinal's liability and coverage remains for any claim arising whether caused or not, until the vessel is the amount paid by the client for the employee. All claims arising from this report and any other claim whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. No printed email. Cardinal will follow the individual or commercial damages, including without limitation, business interruption, loss of use, or loss of profits incurred by clients in accordance with the terms of the contract. Additional or excessive charges may apply for the performance of services requested by Cardinal. Inquiries or additional needs claim to be based upon any of the above stated reasons or otherwise.

Relinquished By: <b>Marisa Loya</b>	Date: <b>8/20/25</b>	Received By: <b>Sebastian Orozco</b>	Sample Condition Cool	Checked By: <b>SP</b>
Relinquished By: <b>Marisa Loya</b>	Date: <b>1/5/22</b>	Received By: <b>Sebastian Orozco</b>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Checked By: <b>SP</b>
Delivered By: (Circle One) <b>1.92</b>	Time: <b>1:00-3:00</b>	Sample Condition Cool	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Checked By: <b>SP</b>
Sampler - UPS - Bus - Other: <b>Bus #141</b>	Time: <b>1:00-3:00</b>	Sample Condition Cool	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Checked By: <b>SP</b>

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Phone Result: **Yes**  **No**  Add'l Phone #: \_\_\_\_\_

Fax Result: **Yes**  **No**  Add'l Fax #: \_\_\_\_\_

REMARKS: **RUSH 24**  
**BILLING- 7010-7410 Cost Center: 999223**  
**Sebastian@pimaoil.com**

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 465345

**QUESTIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2506428606
Incident Name	NAPP2506428606 GRAVE DIGGER ST COM 3H TB @ 30-015-39151
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-39151] GRAVE DIGGER STATE COM #003H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	GRAVE DIGGER ST COM 3H TB
Date Release Discovered	03/02/2025
Surface Owner	State

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<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   Pump   Produced Water   Released: 63 BBL   Recovered: 63 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)	POC FAILED TO TURN ON WTP RESULTING IN A PW RELEASE INTO LINED CONTAINMENT

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QUESTIONS, Page 2

Action 465345

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

*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 Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 03/05/2025
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Action 465345

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between ½ and 1 (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
<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	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2440
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 completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/20/2025
On what date will (or did) the final sampling or liner inspection occur	03/26/2025
On what date will (or was) the remediation complete(d)	04/01/2025
What is the estimated surface area (in square feet) that will be reclaimed	1000
What is the estimated volume (in cubic yards) that will be reclaimed	20
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	20

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

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

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QUESTIONS, Page 4

Action 465345

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/20/2025
--	--

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

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Action 465345

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 465345

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>444730</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>03/26/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>10</b>
What was the sampling surface area in square feet	<b>1250</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	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	1000
What was the total volume (cubic yards) remediated	20
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	1000
What was the total volume (in cubic yards) reclaimed	20
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 cleanup, a liner inspection was conducted and confirmed that the containment liner maintained its integrity. The impacted area outside the lined containment was excavated, confirmation samples were collected, and the area was backfilled with clean material
<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 Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 05/20/2025

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Action 465345

**QUESTIONS (continued)**

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	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

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CONDITIONS

Action 465345

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 465345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	5/30/2025
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/30/2025