



June 20, 2023

NMOCD District 2  
Mike Bratcher  
Artesia, NM 88210

Bureau of Land Management  
Crisha Morgan  
Carlsbad Field Office

**Re: Site Assessment, Remediation, and Deferral Closure Report**  
**Saber Fed #1**  
**API No. 30-015-27882**  
**GPS: Latitude 32.8544502 Longitude -104.0433884**  
**UL "B", Sec. 11, T17S, R29E**  
**Eddy County, NM**  
**NMOCD Ref. No. nRM2004833416**

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, conduct remediation activities, and reclaim the old containment area for the release site known as the Saber Fed #1 (Saber). Details of the release are summarized below:

Release Details			
<b>Type of Release:</b>	Produced Water	<b>Volume of Release:</b>	7 bbls
		<b>Volume Recovered:</b>	3.5 bbls
<b>Source of Release:</b>	Water line	<b>Date of Release:</b>	2/6/20
<b>Was Immediate Notice Given?</b>	No	<b>If, Yes, to Whom?</b>	N/A
<b>Was a Watercourse Reached?</b>	No	<b>If Yes, Volume Impacting Watercourse:</b>	N/A
<b>Surface Owner:</b>	Federal	<b>Mineral Owner:</b>	Federal
The discharge line off of the water pump had a subsurface water leak, which was released onto location and approximately one bbl of fluid went into the pasture area.			

Topographical and Aerial Maps are provided in Figures #2 and #4. A copy of the Initial Release Notification and Corrective Action (NMOCD Form C-141) can be found in Appendix C.

## REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

Site Characteristics	
Approximate Depth to Groundwater	50'
Within 330 ft. of any continuously flowing or significant watercourse?	NO
Within 200 ft. of any lakebed, sinkhole, or playa lake?	NO
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	NO
Within 500 ft. of a spring, private, or domestic freshwater well?	NO
Within 1000 ft. of any fresh water well?	NO
Within the incorporated municipal boundaries or within a municipal well field?	NO
Within 300 ft. of a wetland?	NO
Within the area overlying a subsurface mine?	NO
Within an unstable area such as Karst?	NO
Within a 100-year floodplain?	NO

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average groundwater depth within one (1) Mile radius of the Release Site and identify any registered water wells within ½ Mile of the Release Site. The data initially found on the State Engineers website showed there was NO water data within a ½ mile radius. With this being the case, we cleaned it up to the most stringent criteria.

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and Piedmont deposits (Holocene to middle Pleistocene)- Interlayered eolian sands and piedmont- slope deposits along the eastern flank of the Pecos River Valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. (Qep). The soil in this area is made up of Reagan Loam, with 1 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well-drained. There is NOT a high potential for karst geology to be present around the Saber (Figure #3).

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure #3.

TABLE I CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE			
	Constituent	Method	Limit
<50' Feet	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

### INITIAL SITE ASSESSMENT

On August 23rd, 2022, Paragon conducted an initial site assessment. During the initial site assessment, it was determined to gather samples in the area where the spill had pooled up on the west side of the pad in the pasture area. Five (5) soil samples were collected in this area in an effort to determine the vertical extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

08-23-22 Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date 8-23-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	ND	ND	ND	ND	16
	1'	ND	ND	ND	ND	ND	ND	16
	2'	ND	ND	ND	ND	ND	ND	16
	3' REFUSAL	ND	ND	ND	ND	ND	ND	32
S-2	0-6"	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	1020
	2'	ND	ND	ND	ND	ND	ND	1920
	3'	ND	ND	ND	ND	ND	ND	1660
	4'	ND	ND	ND	ND	ND	ND	2000
S-3	0-6"	ND	ND	ND	ND	ND	ND	8320
	1'	ND	ND	ND	ND	ND	ND	2600
	2'	ND	ND	ND	ND	ND	ND	3120
	3' REFUSAL	ND	ND	ND	ND	ND	ND	2800
S-4	0-6"	ND	ND	ND	ND	ND	ND	1680
	1'	ND	ND	ND	ND	ND	ND	1940
	2'	ND	ND	ND	ND	ND	ND	624
	3' REFUSAL	ND	ND	ND	ND	ND	ND	1100
S-5	0-6"	ND	ND	ND	ND	ND	ND	4000
	1'	ND	ND	ND	ND	ND	ND	5360
	2'	ND	ND	ND	ND	ND	ND	656
	3'	ND	ND	ND	ND	ND	ND	624
	4'	ND	ND	ND	ND	ND	ND	896

(ND) Analyte Not Detected / (--) Analyte Not Tested

A Site Map is provided in Figure #1.

## REMEDIAL ACTIVITIES

On May 1, 2023, Paragon mobilized personnel and equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

Our scope of work went was as follows:

- The areas of S-2, S-3, S-4, and S-5 were excavated to a depth of 5' BGS with heavy equipment.

An email notification was sent to the NMOCD prior to obtaining confirmation samples. We utilized 5-point bottom composite sampling and sidewall composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this sampling event are in the following data table.

5-8-23 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 5-8-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
SSW-1	5	--	--	--	--	--	--	16
ESW-1	5	--	--	--	--	--	--	16
ESW-2	5	--	--	--	--	--	--	1020
NSW-1	5	--	--	--	--	--	--	32
WSW-1	5	--	--	--	--	--	--	96
WSW-2	5	--	--	--	--	--	--	224
S-1	5	--	--	--	--	--	--	32
S-2	5	--	--	--	--	--	--	32
S-3	5	--	--	--	--	--	--	32
S-4	5	--	--	--	--	--	--	480
S-5	5	--	--	--	--	--	--	480
S-6	5	--	--	--	--	--	--	384
S-7	5	--	--	--	--	--	--	272
S-8	5	--	--	--	--	--	--	288

(ND) Analyte Not Detected / (--) Analyte Not Tested

These laboratory analytical results showed that the confirmation soil samples indicated concentrations below NMOCD Closure Criteria except for the area of ESW-2. It was determined that if further excavation along that sidewall continued, it would jeopardize the infrastructure and pipelines running along this area. It was also determined to request a deferral for this area. This area was vertically delineated. We again returned to the site on June 15, 2023, to obtain an additional sample in the ESW-2 area to obtain horizontal delineation. We found clean soil beneath the flow lines running along the side of the berm. This area will be remediated or reclaimed during any major destruction or during the decommissioning of the facility. The results of this sample are in the following data table. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with "like" material obtained from a localized sand pit. The affected area was then contoured and machine compacted to match the surrounding grade.

## 6-15-23 Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 6-15-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
ESW 2	0-6"	ND	ND	ND	ND	ND	ND	48

(ND) Analyte Not Detected

## DEFERRAL REQUEST

After careful review, Paragon requests that the incident, NRM2004833416, be granted a Deferral Closure. Spur has complied with the applicable deferral requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Tristan Jones by phone at (575)631-6977 or email at [chris@paragonenvironmental.net](mailto:chris@paragonenvironmental.net)

Respectfully,



Tristan Jones  
Project Coordinator  
Paragon Environmental, LLC



Chris Jones  
Environmental Professional  
Paragon Environmental, LLC



### Attachments

#### **Figures:**

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Aerial Map
- 5- Confirmation Sample Map

#### **Appendices:**

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – C-141
- Appendix D – Email Notification & Photographic Documentation
- Appendix E – Laboratory Reports



Figures:



- 1-Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Aerial Map
- 5- Confirmation Map



# Spur Energy Partners

SABER FED #1  
API# 30-015-27882  
Eddy County, NM  
Site Map

## Legend

-  Samples
-  Spill Area

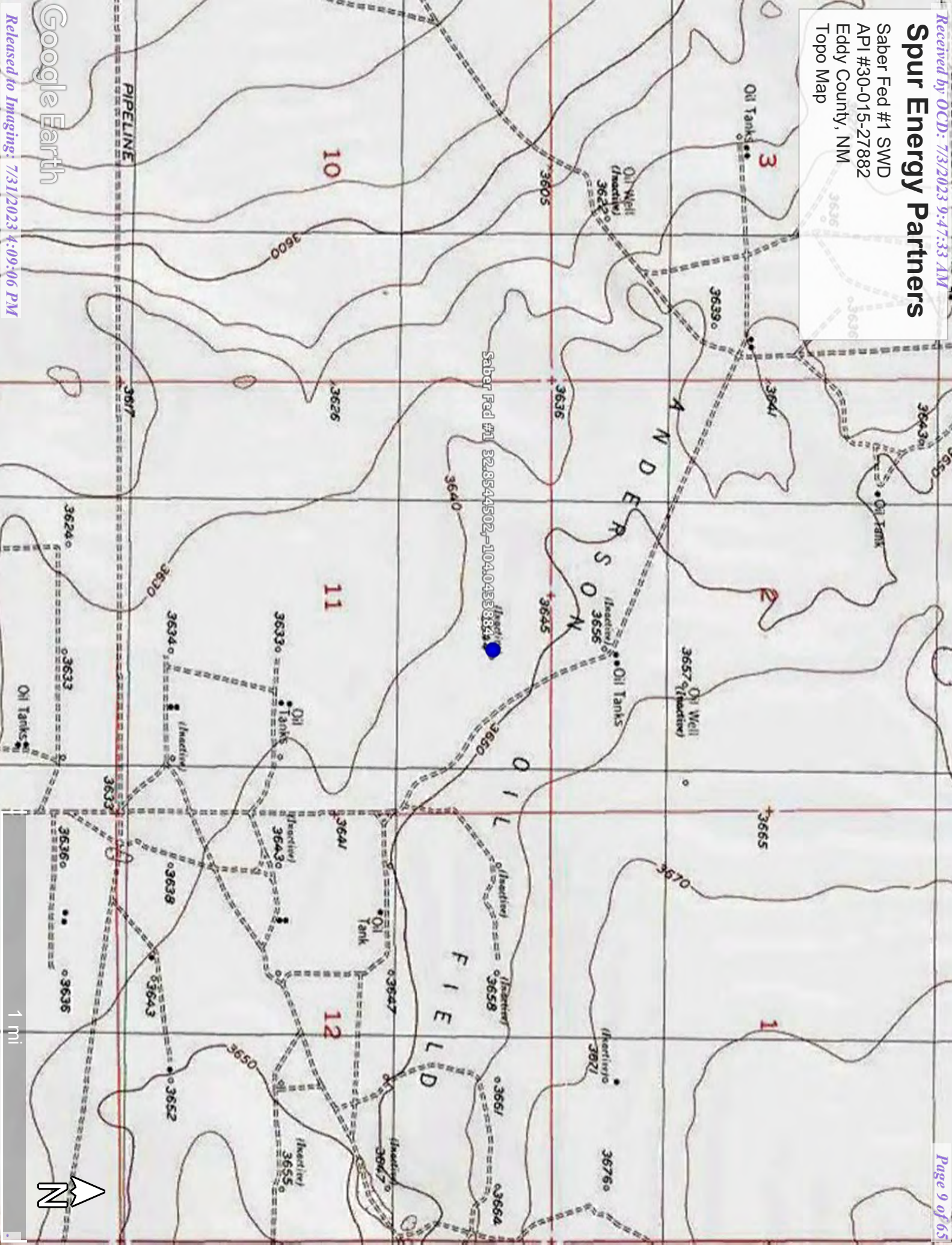


Saber Fed #1 32.8544502,-104.0433884



# Spur Energy Partners

Saber Fed #1 SWD  
API #30-015-27882  
Eddy County, NM  
Topo Map





# Spur Energy Partners

Saber Fed #1 SWD  
API #30-015-27882  
Eddy County, NM  
Karst Map

## Legend

- High
- Low
- Medium

Saber Fed #1 32.8544502, -104.0433884



211

214

212

214

2 mi

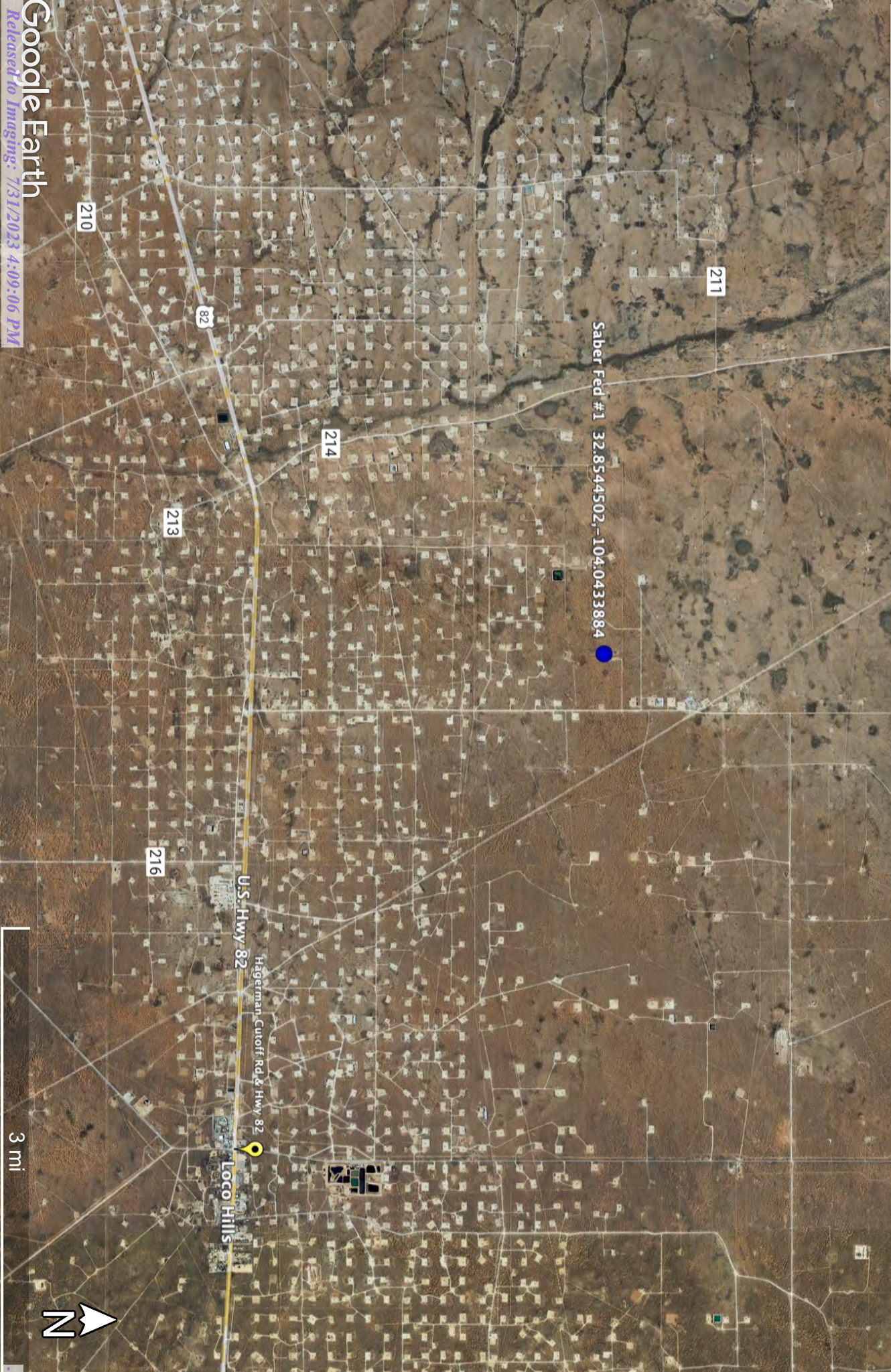




# Spur Energy Partners

Saber Fed #1 SWD  
API #30-015-27882  
Eddy County, NM  
Aerial Map

Saber Fed #1 32.8544502,-104.0433884








# Spur Energy Partners

SABER FED #1  
API# 30-015-27882  
Eddy County, NM  
Confirmation Sample Map



## Legend

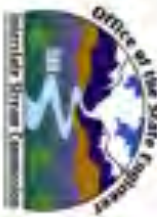
-  Excavation
-  Sample
-  Sidwall Samples





Appendix A  
Referenced Water Data:

New Mexico State of Engineers Office



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW#### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right file.)

(R=POD has been  
replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q Q				Tws	Rng	X	Y	Distance	Depth	Well	Depth	Water	Column
	Code	Sub-basin	County	64	16	4	Sec									
<a href="#">RA 11807</a>	POD1	RA	ED	1	2	3	22	17S	29E	587360	3631585		4516	131	76	55

Average Depth to Water: 76 feet  
Minimum Depth: 76 feet  
Maximum Depth: 76 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 589511.712      Northing (Y): 3635556.256      Radius: 5000

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.

8/5/22 3:38 PM

WATER COLUMN/ AVERAGE DEPTH TO  
WATER



Appendix B  
Soil Survey:

U.S.D.A.

FEMA Flood Map

Map Unit Description: Reagan loam, 1 to 3 percent slopes---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### Rd—Reagan loam, 1 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5m

*Elevation:* 1,100 to 4,400 feet

*Mean annual precipitation:* 7 to 15 inches

*Mean annual air temperature:* 60 to 70 degrees F

*Frost-free period:* 200 to 240 days

*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Reagan and similar soils:* 98 percent

*Minor components:* 2 percent

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

#### Description of Reagan

##### Setting

*Landform:* Fan remnants, alluvial fans

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Parent material:* Alluvium and/or eolian deposits

##### Typical profile

*H1 - 0 to 8 inches:* loam

*H2 - 8 to 82 inches:* loam

##### Properties and qualities

*Slope:* 1 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.2 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* B



Map Unit Description: Reagan loam, 1 to 3 percent slopes---Eddy Area, New Mexico

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*Ecological site:* R042XC007NM - Loamy  
*Hydric soil rating:* No

#### **Minor Components**

##### **Reagan**

*Percent of map unit:* 1 percent  
*Ecological site:* R042XC007NM - Loamy  
*Hydric soil rating:* No

##### **Upton**

*Percent of map unit:* 1 percent  
*Ecological site:* R042XC025NM - Shallow  
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 17, Sep 12, 2021


# National Flood Hazard Layer FIRMette





104°25'5"W 32°51'31"N










## Legend




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

<b>SPECIAL FLOOD HAZARD AREAS</b>	 Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
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<b>OTHER AREAS OF FLOOD HAZARD</b>	 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
------------------------------------	---

<b>OTHER AREAS</b>	 Area of Minimal Flood Hazard Zone X  Area of Undetermined Flood Hazard Zone D
<b>GENERAL STRUCTURES</b>	 Channel, Culvert, or Storm Sewer  Levee, Dike, or Floodwall

<b>OTHER FEATURES</b>	 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation  17.5 Coastal Transect  Base Flood Elevation Line (BFE)  Limit of Study  Jurisdiction Boundary  Coastal Transect Baseline  Profile Baseline  Hydrographic Feature
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<b>MAP PANELS</b>	 Digital Data Available  No Digital Data Available  Unmapped
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The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/5/2022 at 12:49 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Appendix C:

C-141

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

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party <b>SPUR ENERGY PARTNERS</b>	OGRID <b>328947</b>
Contact Name <b>KENNY KIDD</b>	Contact Telephone <b>575-616-5400</b>
Contact email <b>KKIDD@SPUREPLLC.COM</b>	Incident # <i>(assigned by OCD)</i>
Contact mailing address <b>920 MEMORIAL CITY WAY, STE. 1000 HOUSTON, TEXAS 77024</b>	

### Location of Release Source

Latitude **32.8544502**

Longitude **-104.0433884**

*NAD 83 in decimal degrees to 5 decimal places)*

Site Name <b>SABER FEDERAL #1 SWD</b>	Site Type <b>OIL&amp; GAS</b>
Date Release Discovered <b>2/6/2020</b>	API# <i>(if applicable)</i> <b>30-015-27882</b>

Unit Letter	Section	Township	Range	County
<b>B</b>	<b>11</b>	<b>17S</b>	<b>29E</b>	<b>EDDY</b>

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

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <b>7bbls</b>	Volume Recovered (bbls) <b>3.5bbls</b>
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

**The discharge line off of the water pump had a subsurface water leak, which was released onto location and approximately one bbl of fluid went into the pasture area.**




State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

**Initial Response**

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Natalie Gladden</u> Title: <u>Environmental and Regulatory Director</u> Signature: <u></u> Date: <u>2/7/2020</u> email: <u>ngladden@hungry-horse.com</u> Telephone: <u>575-390-6397</u>
<b><u>OCD Only</u></b>  Received by: _____ Date: _____

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Resources Department

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1220 South St. Francis Dr.  
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Form C-141  
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Submit to appropriate OCD District office

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## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&lt;50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

State of New Mexico  
Oil Conservation Division

Page 2

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District RP	
Facility ID	
Application ID	

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

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine PurvisDate: 7/3/23email: [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Telephone: 575-441-8619

**OCD Only**Received by: Shelly WellsDate: 7/3/2023

Incident ID	NRM2004833416
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/3/23

email: [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Telephone: 575-441-8619

**OCD Only**Received by: Shelly Wells Date: 7/3/2023

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature: Michael BuchananDate: 07/31/2023





Appendix D:

Email Notification

Photographic Documentation

Friday, June 2, 2023 at 14:44:32 Central Daylight Time

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**Subject:** Saber Fed SWD 1

**Date:** Wednesday, May 3, 2023 at 1:02:05 PM Central Daylight Time

**From:** Angel Pena

**To:** Bratcher, Michael, EMNRD, Chris Jones, Hamlet, Robert, EMNRD, Harimon, Jocelyn, EMNRD, Nobui, Jennifer, EMNRD

To All,

This is to inform you we will be obtaining additional confirmation samples at the Saber Fed SWD 1 on 5-08-23 at approximately 8 am.

Thank You,

Angel O. Peña

Field supervisor

[1601 N. Turner Ste. 500](#)

[Hobbs, NM 88240](#)

[angel@paragonenvironmental.net](mailto:angel@paragonenvironmental.net)

575-605-0773



Photographic Documentation

Before Remediation







Photographic Documentation

During Remediation







Photographic Documentation

Post Remediation







Appendix E:  
Laboratory Results



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

August 26, 2022

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SABER FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 1 0-6" (H223902-01)**

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	08/25/2022	ND	1.88	93.9	2.00	2.24	QM-07, QR-03
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49	
Total BTEx	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 1 1' (H223902-02)**

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	08/25/2022	ND	1.88	93.9	2.00	2.24		
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49		
Total BTEx	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 1 2' (H223902-03)**

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	08/25/2022	ND	1.88	93.9	2.00	2.24		
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49		
Total BTEx	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 96.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 1 3' REFUSAL (H223902-04)**

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	08/25/2022	ND	1.88	93.9	2.00	2.24		
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49		
Total BTEX	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 79.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.8 % 46.3-178

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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 0-6" (H223902-05)**

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	08/25/2022	ND	1.88	93.9	2.00	2.24		
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49		
Total BTEX	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.1 % 46.3-178

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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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 1' (H223902-06)**

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	08/25/2022	ND	1.88	93.9	2.00	2.24	
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49	
Total BTEx	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 2' (H223902-07)**

BTX 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	08/25/2022	ND	1.88	93.9	2.00	2.24	
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.0 % 46.3-178

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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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 3' (H223902-08)**

BTX 8021B		mg/kg		Analyzed By: JH/				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.88	93.9	2.00	2.24	
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	08/25/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				HDSP-1	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 2 4' (H223902-09)**

BTX 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	08/25/2022	ND	1.88	93.9	2.00	2.24	
Toluene*	<0.050	0.050	08/25/2022	ND	1.84	92.0	2.00	0.636	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.80	90.1	2.00	2.50	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	5.57	92.8	6.00	1.49	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 3 0-6" (H223902-10)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8320	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 3 1' (H223902-11)**

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	08/25/2022	ND	2.10	105	2.00	9.35		
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32		
Total BTEx	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 3 2' (H223902-12)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.0 % 46.3-178

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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 3 3' REFUSAL (H223902-13)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35		
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32		
Total BTX	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 0-6" (H223902-14)**

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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTEX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 1' (H223902-15)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1940	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.6 % 46.3-178

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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 2' (H223902-16)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 85.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.2 % 46.3-178

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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 3' REFUSAL (H223902-17)**

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	08/25/2022	ND	2.10	105	2.00	9.35		
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32		
Total BTEx	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 0-6" (H223902-18)**

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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTEX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

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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:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 1' (H223902-19)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	08/25/2022	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	08/25/2022	ND	215	108	200	0.286	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	227	114	200	0.299	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 2' (H223902-20)**

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	08/25/2022	ND	2.10	105	2.00	9.35		
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32		
Total BTEx	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/25/2022	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	08/25/2022	ND	207	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	203	101	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 3' (H223902-21)**

BTX 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	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTX	<0.300	0.300	08/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	08/25/2022	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	08/25/2022	ND	207	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	203	101	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 08/25/2022  
Reported: 08/26/2022  
Project Name: SABER FEDERAL #001  
Project Number: SPUR ENERGY  
Project Location: 32.8544502,-104.0433884

Sampling Date: 08/23/2022  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 5 4' (H223902-22)**

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	08/25/2022	ND	2.10	105	2.00	9.35		
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68		
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37		
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32		
Total BTEx	<0.300	0.300	08/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	08/25/2022	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	08/25/2022	ND	207	103	200	1.25	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	203	101	200	3.06	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.7 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
HDSP-1	Sample container had headspace. Results may be biased low.
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

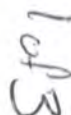
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Page 25 of 27





2 of 3

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

## BILL TO

## ANALYSIS REQUEST

Project Manager:

P.O. #:

Address:

Company: SPUD

City: Hobbs

State: Zip:

Attn: Brocky Molder

Phone #:

Fax #:

Address:

Project #:

Project Owner: SPUE

City:

Project Name:

State: Zip:

Project Location:

Phone #:

Sample Name:

Fax #:

FOR LAB USE ONLY

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

H223962

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPU Ext.

BTEX

Chlorides

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Relinquished By:

Date: 8-25-22

Received By:

Relinquished By:

Date: 8-10

Received By:

Delivered By: (Circle One)

A.4.4

Sample Condition:

CHECKED BY: (Initials)

Sampler - UPS - Bus - Other:

3.8.4 #113

Cool Intact

Y.2.

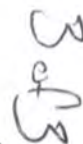
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

REMARKS:

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

Email Results to Chris Jones



## Page 27 of 27

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





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

---

May 15, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SABER FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 05/10/2023  
Reported: 05/15/2023  
Project Name: SABER FEDERAL #001  
Project Number: NONE GIVEN  
Project Location: SPRU ENERGY - EDDY CO

Sampling Date: 05/08/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SSW - 1 (H232342-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/12/2023	ND	400	100	400	3.92	

**Sample ID: ESW - 1 (H232342-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/12/2023	ND	400	100	400	3.92	

**Sample ID: ESW - 2 (H232342-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	05/12/2023	ND	400	100	400	3.92	

**Sample ID: NSW - 1 (H232342-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2023	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 05/10/2023  
Reported: 05/15/2023  
Project Name: SABER FEDERAL #001  
Project Number: NONE GIVEN  
Project Location: SPRU ENERGY - EDDY CO

Sampling Date: 05/08/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: WSW - 1 (H232342-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: WSW - 2 (H232342-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/12/2023	ND	432	108	400	0.00	

**Sample ID: S - 1 5' (H232342-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: S - 2 5' (H232342-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: S - 3 5' (H232342-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2023	ND	432	108	400	0.00	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received: 05/10/2023  
Reported: 05/15/2023  
Project Name: SABER FEDERAL #001  
Project Number: NONE GIVEN  
Project Location: SPRU ENERGY - EDDY CO

Sampling Date: 05/08/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: S - 4 5' (H232342-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: S - 5 5' (H232342-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: S - 6 5' (H232342-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: S - 7 5' (H232342-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/12/2023	ND	432	108	400	0.00		

**Sample ID: S - 8 5' (H232342-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/12/2023	ND	432	108	400	0.00	

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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.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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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: Paragon Environmental		BILL TO		ANALYSIS REQUEST																																					
Project Manager: Chris Jones		P.O. #:																																							
Address: 1601 N. Turner St., Ste 500		Company: SPUR																																							
City: Hobbs		Attn:																																							
Phone #: 575-964-7814		Address:																																							
Fax #:		City:																																							
Project #:		State:																																							
Project Name: Seber Feed #1		Zip:																																							
Project Location: Rye, NM		Phone #:																																							
Sampler Name: Linda Rine		Fax #:																																							
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME													
H232342		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		05-08		Chlorides													
1		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
2		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
3		SSW-2		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
4		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
5		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
6		SSW-2		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
7		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
8		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
9		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
10		SSW-1		✓		1		✓		✓		✓		✓		✓		✓		✓		✓		✓																	
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 the client for the analysis. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.		Relinquished By: Linda Rine		Date: 5-10-23		Received By: [Signature]		Time: 1:20		Date: 5-10-23		Time: 1:20		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: [Signature]		REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:																							
Delivered By: (Circle One)		Sampler - UPS - Bus - Other:		1.5c / 0.9c		#1/3		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: [Signature]		REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:																													



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 235448

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 235448
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Spur Energy Partners' deferral request to complete final remediation during any future major construction/alteration or final plugging and abandonment, whichever occurs first. Spur Energy does not believe deferment will result in imminent risk to human health, the environment, or groundwater. The areas requested for deferral are identified on the site map as S-1, S-2, S-3, S-4 and S-5. The areas have been delineated and documented in the report. Currently, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue. Please provide all necessary notifications to BLM.	7/31/2023