



209 W. McKay Street  
Carlsbad, New Mexico 88220  
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September 4, 2024

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210

Re: Site Characterization and Remediation Work Plan  
Devon Energy Production Company  
Shetland 11 CTB 1  
Unit D, Section 11, Township 26S, Range 31E  
Site Coordinates: 32.053023, -103.749823  
Eddy County, New Mexico  
Incident ID: nAPP2421847577

## **Introduction**

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2421847577 – Shetland 11 CTB 1 (Site). The Site is in Unit Letter D, Section 11, of Township 26 South and Range 31 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.053023° N latitude and 103.749823° W longitude. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

## **Background**

Based on the Release Notification C-141 Form, the release was discovered on August 05, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately twenty-nine (29) barrels (bbls) of produced water of which twenty (20) bbls of produced water were recovered for an approximate net loss of nine (9) bbls of produced water. The release area is shown in Figure 3.

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**Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½-mile radius of the Site. The three closest groundwater wells (i.e., C-04637 POD1 [0.89 miles away], C-04801 POD1 [1.58 miles away], and C-04209 POD-1 [2.03 miles away]) indicate that the average depth to groundwater is 190 feet (ft). No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Medium Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

*General Site Characterization and Groundwater:*

Site Characterization	Average Groundwater Depth (ft)
Medium Karst	190

*Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)*

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:  
 --- = not defined

**Initial Soil Delineation Assessment Summary and Findings**

On August 21, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Six (6) vertical sample points (V-1 through V-6) were installed within the release area, while nine (9) horizontal sample points (H-1 through H-9) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) ft intervals from depths ranging from zero (0) to four and a half (4.5) ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B). Analytical results indicated that chloride concentrations exceeded the NMOCDD regulatory limits in the area of V-1 to a depth of four and a half (4.5) ft bgs, V-2, V-5, and V-6 to a depth of one and a half (1.5) ft bgs, and V-3

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and V-4 to a depth of a half foot (0.5) ft bgs. All other samples were below NMOCD regulatory limits.

On August 27, 2024, NTGE returned to Site to complete the vertical delineation assessment of the release. A total of one (1) vertical delineation sample points (i.e., V-1) were reinstalled within the release area and collected at one (1) ft intervals to a maximum depth of six and a half (6.5) ft bgs. Analytical results indicated that all delineation samples were below NMOCD regulatory criteria.

Analytical results are included in Table 1, while soil boring locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

### **Proposed Work Plan**

After receiving and evaluating the soil boring data NTGE proposes to hand dig the area of V-1 to a depth of one (1) ft bgs due to its proximity to equipment, excavate the areas of V-2, V-5, and V-6 to a depth of two (2) ft bgs, and V-3 and V-4 to a depth of one (1) ft bgs to ensure that the impacted soil has been removed from the Site. Approximately 219 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown in Figure 4.

Upon completion of the excavation, confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected from the sidewalls and bottom of the excavation if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl -B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table 3.1 Closure Criteria.

If you have any questions regarding this letter, please contact us at (432)-701-2159.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager



Jillian Smiley  
Jr. Project Manager - Botanist

#### Attachments:

- Tables
- Figures
- Photographic Log
- Site Characterization Documentation
- Laboratory Reports and Chain-of-Custody Documents

NTGE Project No.: 249027



## **TABLES**

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**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Shetland 11 CTB 1**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
<b>Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC</b>													
<b>Vertical Delineation Samples</b>													
V-1	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,580
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,710
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,200
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,440
	8/21/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,280
	8/27/2024	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,040
V-2	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,440
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,360
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
V-3	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,680
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
V-4	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8.0
V-5	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,000
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
V-6	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	18,800
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
V-7	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,200
V-8	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,440
	8/21/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
	8/21/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	8/21/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
<b>Horizontal Delineation Samples</b>													
H-1	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
H-2	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-3	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-4	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
H-5	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-6	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-7	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-8	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-9	8/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Shetland 11 CTB 1**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
<b>Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC</b>													
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg

Notes:

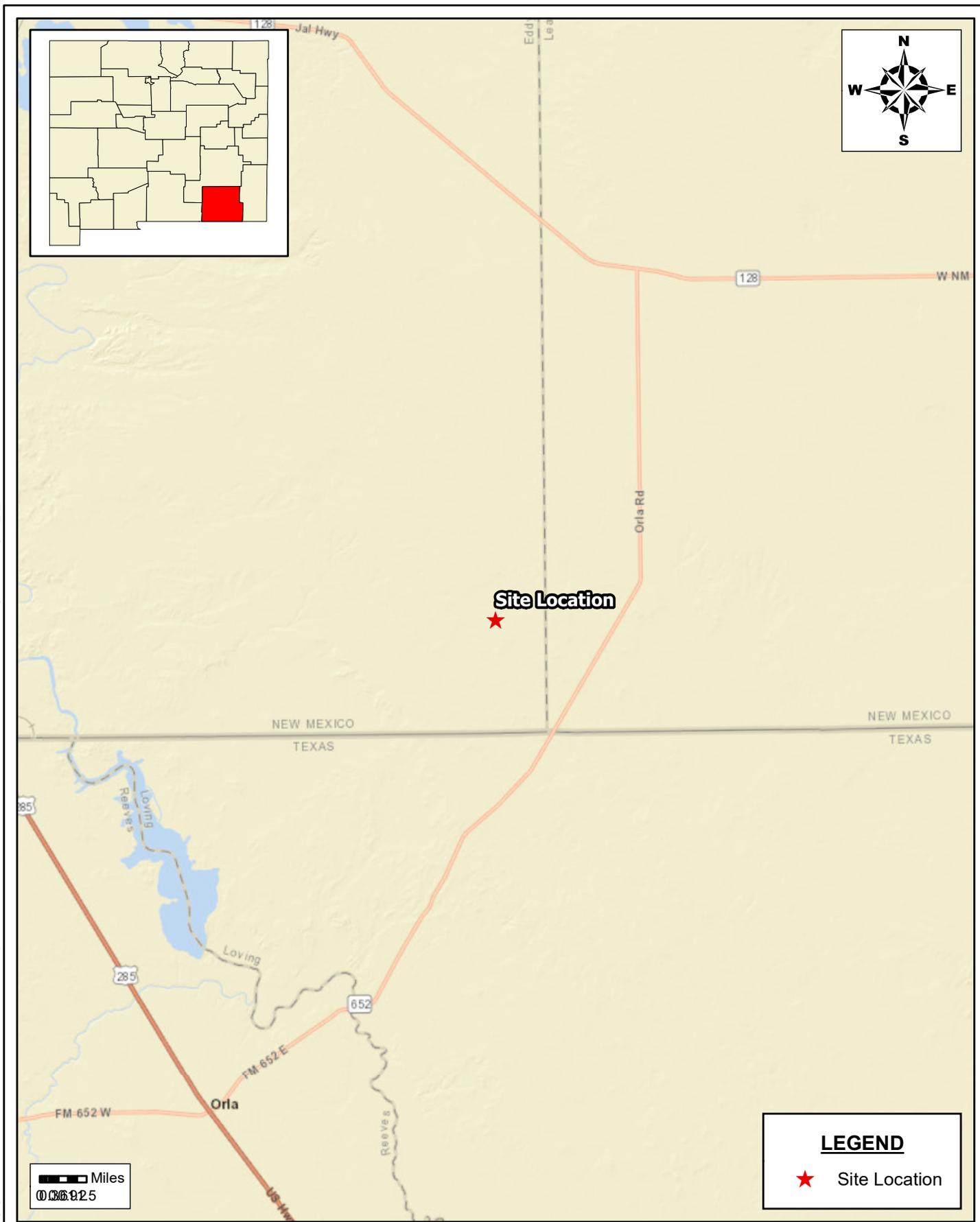
- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

SP-1 Sample Point Excavated

## **FIGURES**

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**SITE LOCATION MAP**  
**SITE CHARACTERIZATION AND REMEDIATION WORKPLAN**  
**SHETLAND 11 CTB 1**  
**DEVON ENERGY PRODUCTION COMPANY**  
**EDDY COUNTY, NEW MEXICO**

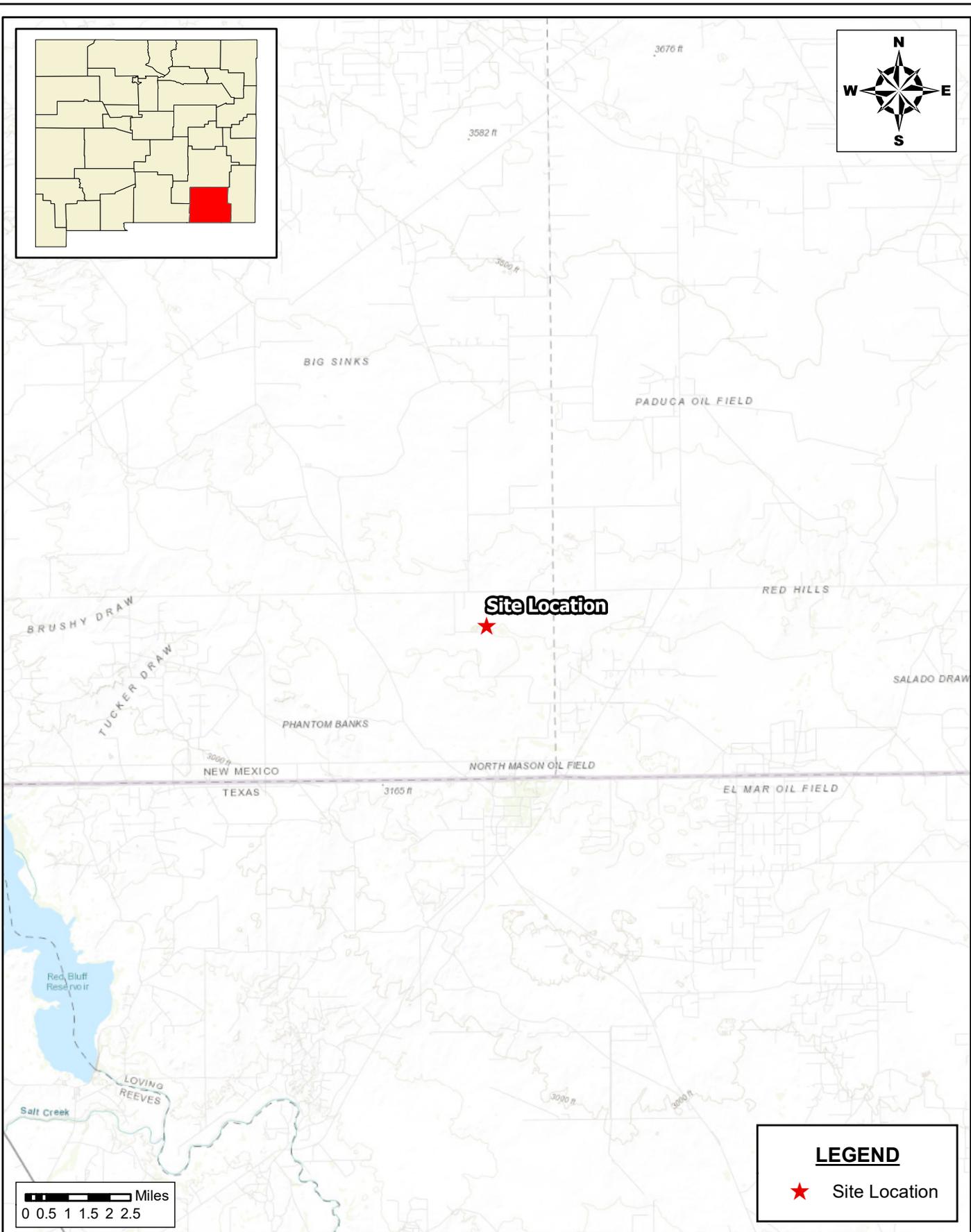
SCALE: As Shown    Date: 8/26/2024    PROJECT #: 249027

 **NTG ENVIRONMENTAL**  
**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenviromental.com

**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 1**  
 SHEET NUMBER:  
**1 of 1**

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TOPOGRAPHIC MAP  
 SITE CHARACTERIZATION AND REMEDIATION WORKPLAN  
 SHETLAND 11 CTB 1  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 8/19/2024    PROJECT #: 249027

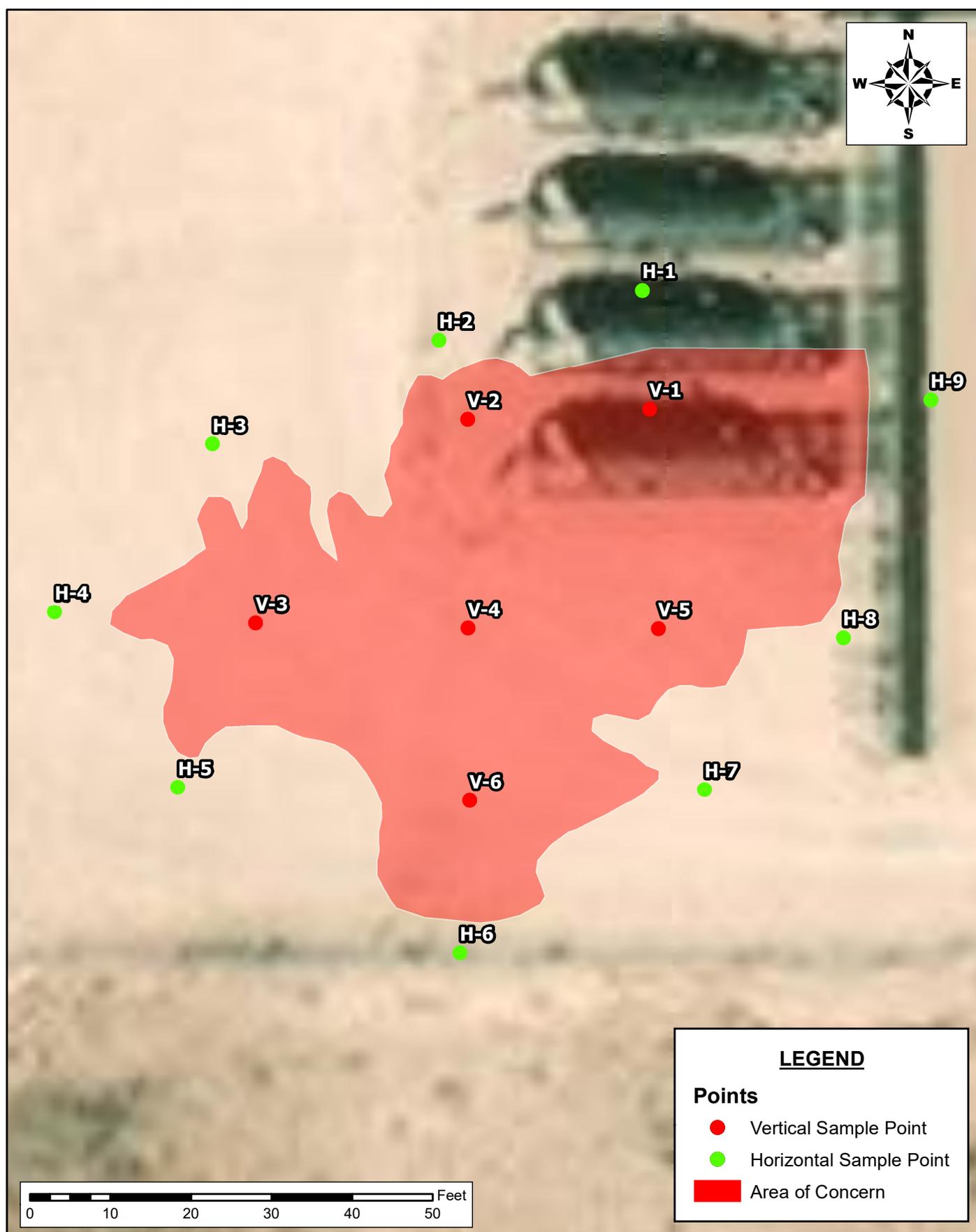
 **NTG**  
 ENVIRONMENTAL

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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 2**  
 SHEET NUMBER:  
**1 of 1**

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INITIAL ASSESSMENT MAP  
 SITE CHARACTERIZATION AND REMEDIATION WORKPLAN  
 SHETLAND 11 CTB 1  
 DEVON ENERGY PRODUCTION COMPANY  
 EDDY COUNTY, NEW MEXICO

**NTG**  
 ENVIRONMENTAL

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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 3**  
 SHEET NUMBER:  
**1 of 1**

# Proposed Excavation Map

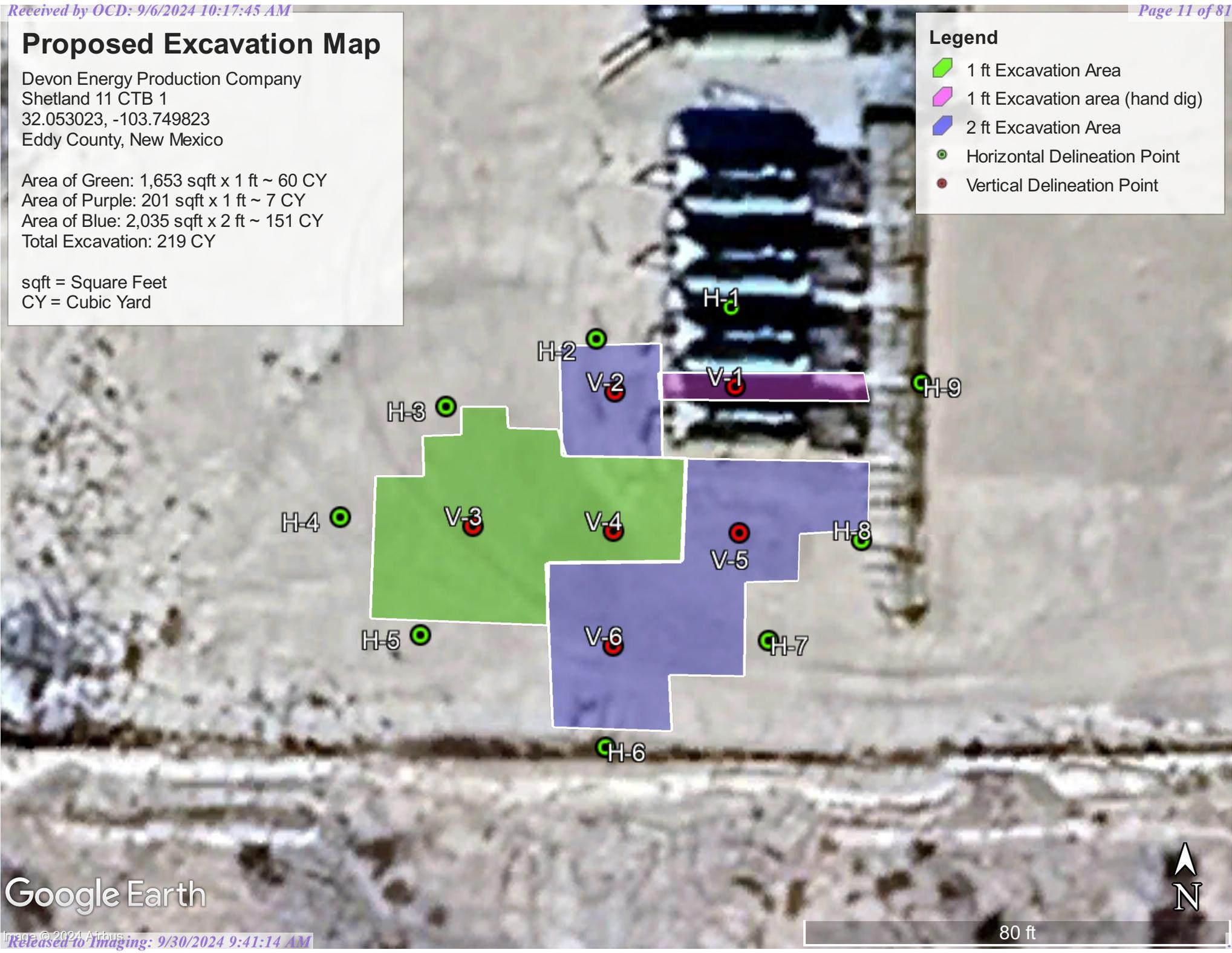
Devon Energy Production Company  
Shetland 11 CTB 1  
32.053023, -103.749823  
Eddy County, New Mexico

Area of Green: 1,653 sqft x 1 ft ~ 60 CY  
Area of Purple: 201 sqft x 1 ft ~ 7 CY  
Area of Blue: 2,035 sqft x 2 ft ~ 151 CY  
Total Excavation: 219 CY

sqft = Square Feet  
CY = Cubic Yard

**Legend**

-  1 ft Excavation Area
-  1 ft Excavation area (hand dig)
-  2 ft Excavation Area
-  Horizontal Delineation Point
-  Vertical Delineation Point



**PHOTOGRAPHIC LOG**

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# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 1

**Facility:** Shetland 11 CTB 1

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern



### Photograph No. 2

**Facility:** Shetland 11 CTB 1

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern

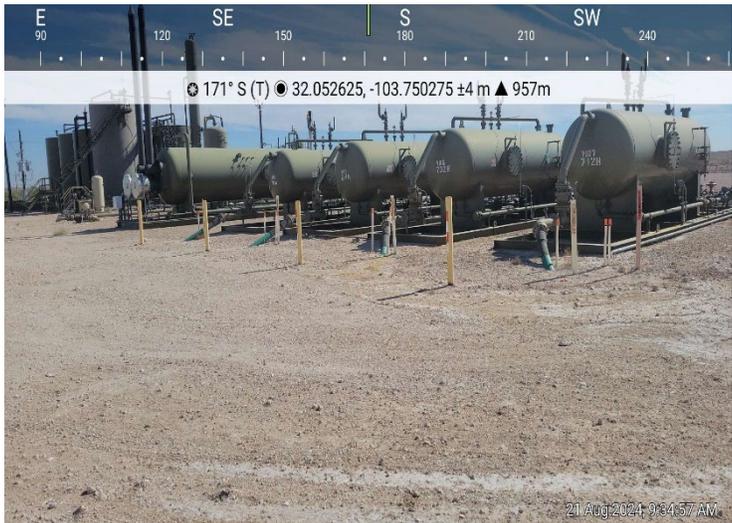


### Photograph No. 3

**Facility:** Shetland 11 CTB 1

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern



# PHOTOGRAPHIC LOG

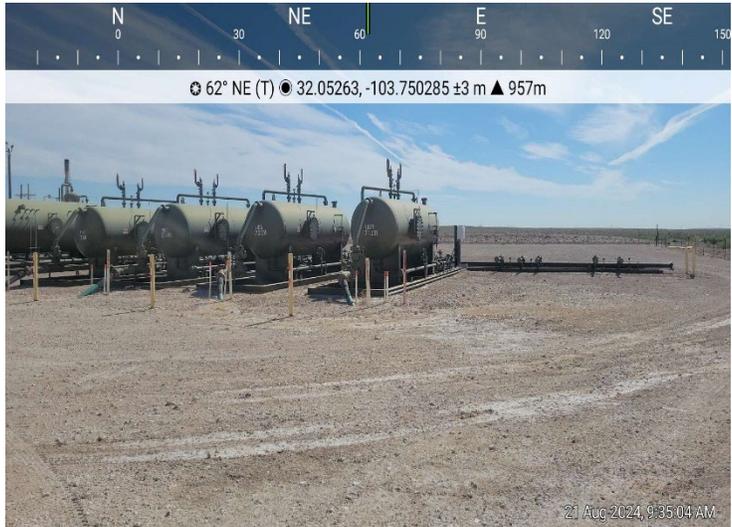
## Devon Energy Production Company

### Photograph No. 4

**Facility:** Shetland 11 CTB 1

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern

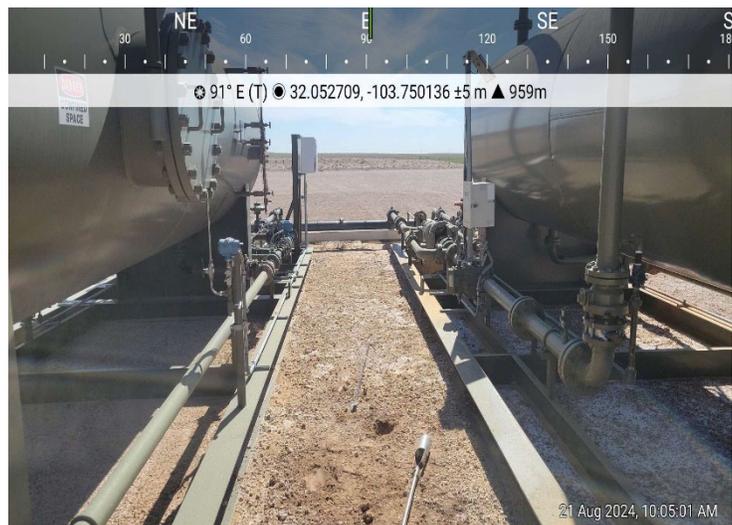


### Photograph No. 5

**Facility:** Shetland 11 CTB 1

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern



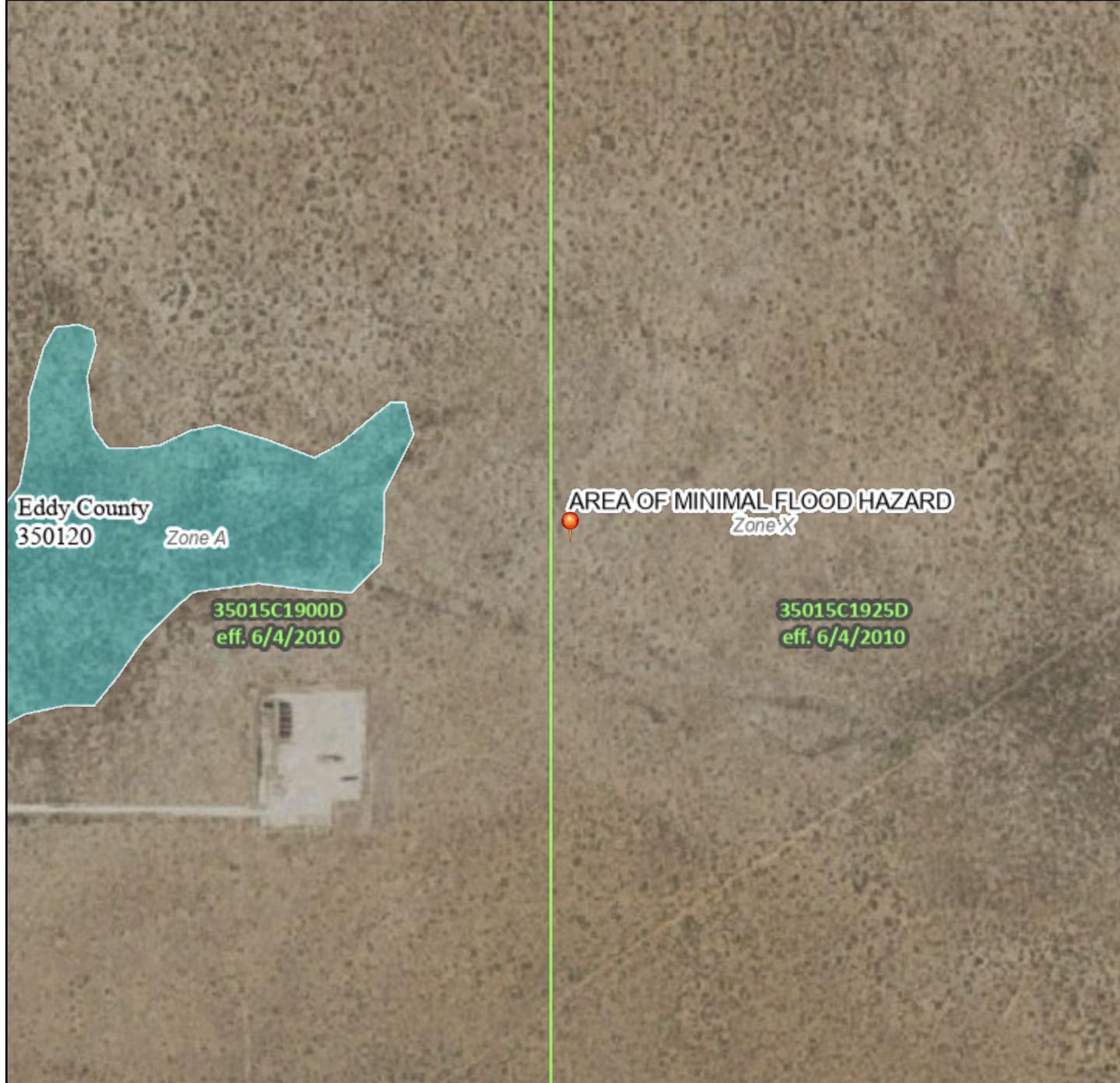
## **SITE CHARACTERIZATION INFORMATION**

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# National Flood Hazard Layer FIRMette



103°45'18"W 32°3'26"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
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

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

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

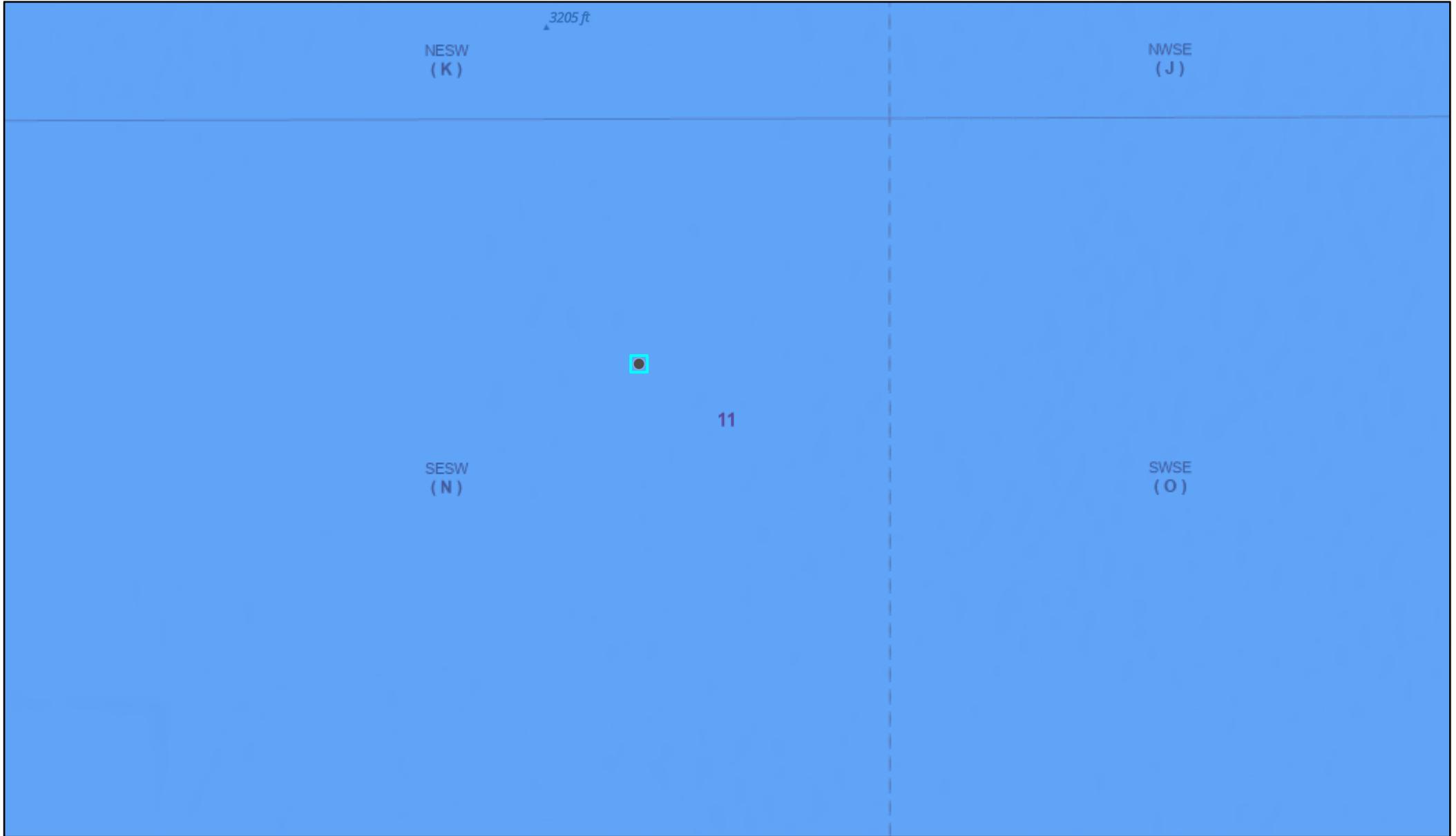


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 8/13/2024 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.

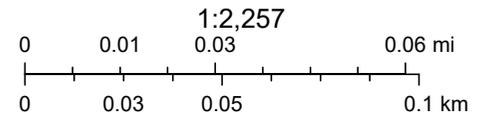
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

# Karst Potential Map



8/13/2024, 10:51:00 AM

Karst Occurrence Potential  PLSS Second Division  
 Medium  PLSS First Division



BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Oil Conservation Division of the New Mexico Energy,

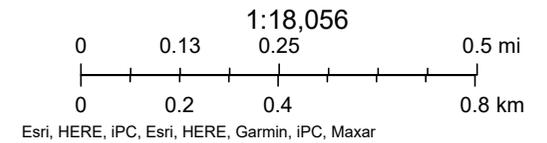
# OSE POD Location Map



8/13/2024, 10:44:33 AM

- Override 1
- Pending
- OSE District Boundary
- Active
- Water Right Regulations
- Artesian Planning Area

Released to Imaging: 9/30/2024 9:41:14 AM

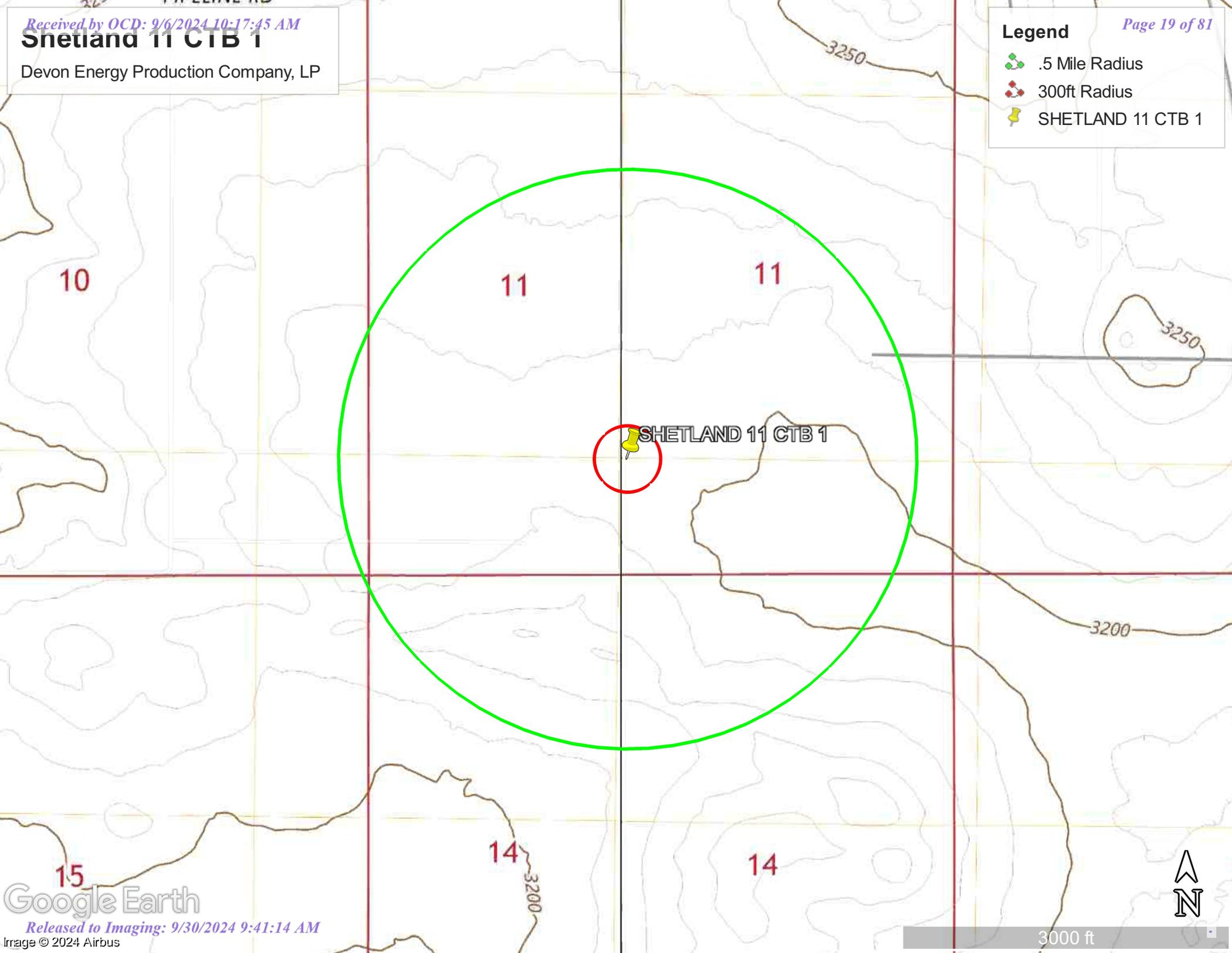


# Snetland 11 CTB 1

Devon Energy Production Company, LP

### Legend

-  .5 Mile Radius
-  300ft Radius
-  SHETLAND 11 CTB 1



10

11

11

3250

3250

3200

15

14

14

3200





# Wetlands Map



September 3, 2024

### 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.

## 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
NA	C 04209 POD1	NE	SW	SW	06	26S	32E	620902.7	3548619.8	

\* UTM location was derived from PLSS - see Help

**Driller License:** 1706      **Driller Company:** ELITE DRILLERS CORPORATION

**Driller Name:** BRYCE WALLACE

**Drill Start Date:** 2018-04-28      **Drill Finish Date:** 2018-05-01      **Plug Date:**

**Log File Date:** 2018-05-21      **PCW Rcv Date:**      **Source:** Shallow

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:** 25

**Casing Size:** 6.00      **Depth Well:** 360      **Depth Water:** 155

# 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
NA	C 04637 POD1	SE	SE	SW	02	26S	31E	618067.5	3548423.6	

\* UTM location was derived from PLSS - see Help

**Driller License:** 1249      **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

**Driller Name:** JACKIE D. ATKINS

**Drill Start Date:** 2022-06-15      **Drill Finish Date:** 2022-06-15      **Plug Date:** 2022-07-19

**Log File Date:** 2022-08-08      **PCW Rcv Date:**      **Source:**

**Pump Type:**      **Pipe Discharge Size:**      **Estimated Yield:** 0

**Casing Size:**      **Depth Well:** 51      **Depth Water:**

## 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
214CC	C 04801 POD1	NW	NE	SE	13	26S	31E	620283.6	3545858.5	

\* UTM location was derived from PLSS - see Help

<b>Driller License:</b>	1058	<b>Driller Company:</b>	KEY'S DRILLING & PUMP SERVICE
-------------------------	------	-------------------------	-------------------------------

<b>Driller Name:</b>	GARY KEY
----------------------	----------

<b>Drill Start Date:</b>	2024-05-29	<b>Drill Finish Date:</b>	2024-05-31	<b>Plug Date:</b>	
--------------------------	------------	---------------------------	------------	-------------------	--

<b>Log File Date:</b>	2024-06-26	<b>PCW Rcv Date:</b>		<b>Source:</b>	Shallow
-----------------------	------------	----------------------	--	----------------	---------

<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>		<b>Estimated Yield:</b>	10
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<b>Casing Size:</b>	4.50	<b>Depth Well:</b>	280	<b>Depth Water:</b>	225
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**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



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

August 26, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHETLAND 11 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 08/21/24 14:05.

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,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 ( 0-6 ) (H245093-01)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 1-1.5 (H245093-02)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1710	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 2-2.5 (H245093-03)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 3-3.5 (H245093-04)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 4-4.5 (H245093-05)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 0-6 (H245093-06)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 1-1.5 (H245093-07)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	219	109	200	3.39	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	213	107	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 2-2.5 (H245093-08)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 3-3.5 (H245093-09)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 4-4.5 (H245093-10)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 3 0-6 (H245093-11)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7680	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 3 1-1.5 (H245093-12)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 3 2-2.5 (H245093-13)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 3 3-3.5 (H245093-14)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 3 4-4.5 (H245093-15)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 4 0-6 (H245093-16)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 4 1-1.5 (H245093-17)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>384</b>	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 4 2-2.5 (H245093-18)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/23/2024	ND	416	104	400	7.41	

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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 4 3-3.5 (H245093-19)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	128	16.0	08/23/2024	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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 4 4-4.5 (H245093-20)**

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	08/23/2024	ND	1.98	99.0	2.00	2.15	
Toluene*	<0.050	0.050	08/23/2024	ND	1.90	94.8	2.00	1.77	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	1.94	97.0	2.00	1.25	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	5.76	96.0	6.00	1.37	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	128	16.0	08/23/2024	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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 5 0-6 (H245093-21)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	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	18800	16.0	08/23/2024	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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 5 1-1.5 (H245093-22)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	704	16.0	08/23/2024	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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 5 2-2.5 (H245093-23)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	336	16.0	08/23/2024	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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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\*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 5 3-3.5 (H245093-24)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	128	16.0	08/23/2024	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	08/22/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 5 4-4.5 (H245093-25)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	256	16.0	08/23/2024	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	08/23/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 6 0-6 (H245093-26)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	15200	16.0	08/23/2024	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	08/23/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 6 1-1.5 (H245093-27)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	1440	16.0	08/23/2024	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	08/23/2024	ND	194	96.8	200	2.04	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	196	97.9	200	2.43	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 6 2-2.5 (H245093-28)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	400	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 6 3-3.5 (H245093-29)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	160	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 6 4-4.5 (H245093-30)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	352	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 1 0-6 (H245093-31)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	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	96.0	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 2 0-6 (H245093-32)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 3 0-6 (H245093-33)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 4 0-6 (H245093-34)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	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	80.0	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 5 0-6 (H245093-35)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 6 0-6 (H245093-36)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	32.0	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 7 0-6 (H245093-37)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	32.0	16.0	08/23/2024	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	08/22/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/22/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/22/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 8 0-6 (H245093-38)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	32.0	16.0	08/23/2024	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	08/23/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/21/2024	Sampling Date:	08/21/2024
Reported:	08/26/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Alyssa Parras
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 9 0-6 (H245093-39)**

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	08/23/2024	ND	2.16	108	2.00	0.919	
Toluene*	<0.050	0.050	08/23/2024	ND	2.22	111	2.00	1.85	
Ethylbenzene*	<0.050	0.050	08/23/2024	ND	2.25	113	2.00	1.81	
Total Xylenes*	<0.150	0.150	08/23/2024	ND	6.96	116	6.00	1.34	
Total BTEX	<0.300	0.300	08/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/23/2024	ND	432	108	400	3.77	

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	08/23/2024	ND	232	116	200	2.17	
DRO >C10-C28*	<10.0	10.0	08/23/2024	ND	217	108	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	08/23/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Notes and Definitions

- 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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> NTGE <b>Project Manager:</b> Ethan Seesums <b>Address:</b> 209 West McKay St <b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220 <b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> 249027 <b>Project Owner:</b> Devon <b>Project Name:</b> Shetland II CTB 1 <b>Project Location:</b> Eddy County <b>Sampler Name:</b> Clayton Turnes		<b>BILL TO</b> <b>P.O. #:</b> 21383836 <b>Company:</b> Devon <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>	
<b>FOR LAB USE ONLY</b>		<b>MATRIX</b> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>		<b>PRESERV.</b> DATE: 8/21 TIME:	
<b>Lab I.D.</b> H245003	<b>Sample I.D.</b> V-1 (6-0) V-1 1-11.5 V-1 2-2.5 V-1 3-3.5 V-1 4-4.5 V-2 0-0.5 V-2 1-1.5 V-2 2-2.5 V-2 3-3.5 V-2 4-4.5	(G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>	DATE: 8/21 TIME:	BTEX TPH Chloride	
<p><small>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 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small></p>					
<b>Relinquished By:</b> [Signature] Date: 8-21-24 Time: 14:05		<b>Received By:</b> [Signature] Date: 8/21 Time:		<b>REMARKS:</b> Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:	
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: -0.12 Corrected Temp. °C: -0.72		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.8°C		Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Sample Condition Observed Temp. °C Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **VTGE**  
 Project Manager: **Ethan Sessions**  
 Address: **209 West McKay St**  
 City: **Carlsbad** State: **NM** zip: **88220**  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: **249027** Project Owner: **Devon**  
 Project Name: **Shetland 11 CTB 1**  
 Project Location: **Eddy County**  
 Sampler Name: **Clayton Jones**  
 P.O. #: **213836636**  
 Company: **DEVON**  
 Attn: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
H245093	0-6		6			X					8/21	BTX	
	1-15											TPH	
	2-2.5											Chloride	
	3-3.5												
	4-4.5												
	1-1.5												
	2-2.5												
	3-3.5												
	4-4.5												

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Relinquished By: \_\_\_\_\_ Date: **8/21/24**  
 Received By: **apowers**  
 Time: \_\_\_\_\_

REMARKS: \_\_\_\_\_  
 Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address: \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_  
 Observed Temp. °C: **-0.1°C** Corrected Temp. °C: **-0.7°C**  
 Sample Condition:  Intact  Cool  Yes  No  
 CHECKED BY: **AD**  
 Turnaround Time:  Standard  Rush  
 Thermometer ID #140 Correction Factor -0.6°C  
 Bacteria (only)  Cool  Intact  Yes  No  
 Sample Condition:  Observed Temp. °C: \_\_\_\_\_  
 Corrected Temp. °C: \_\_\_\_\_





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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **NT&E**  
Project Manager: **Ethan Sessums**

Address: **2009 West McKay St**  
City: **Carlsbad** State: **NM** Zip: **88220**

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
Project #: **249027** Project Owner: **Devon**

Project Name: **Sheffand II CTB 1**  
Project Location: **Eddy County**

Sampler Name: **Clyton James**

FOR LAB USE ONLY

Lab I.D. **1245203**

Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
1245203	H-1	6	1			X					8/21		BTEX TPH Chloride
	H-2	6	1			X							
	H-3	6	1			X							
	H-4	6	1			X							
	H-5	6	1			X							
	H-6	6	1			X							
	H-7	6	1			X							
	H-8	6	1			X							

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Relinquished By: \_\_\_\_\_ Date: **8/21/24**  
Time: \_\_\_\_\_ Received By: **APD**  
Date: **8/21/24**  
Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_  
Time: \_\_\_\_\_ Received By: **APD**  
Date: **8/21/24**  
Time: \_\_\_\_\_

Delivered By: (Circle One) \_\_\_\_\_  
Observed Temp. °C: **-0.1°C**  
Corrected Temp. °C: **-0.7°C**

Sampler - UPS - Bus - Other: \_\_\_\_\_  
Sample Condition: Cool Intact  
 Yes  No

Checked By: **APD**  
Turnaround Time: \_\_\_\_\_  
Standard: **Rush**  
Bacteria (only) Sample Condition: Cool Intact  
 Yes  No

REMARKS: \_\_\_\_\_  
Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
All Results are emailed. Please provide Email address: \_\_\_\_\_



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---

September 03, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: SHETLAND 11 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 08/27/24 12:35.

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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/27/2024	Sampling Date:	08/27/2024
Reported:	09/03/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 (5-5.5') (H245204-01)**

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	08/29/2024	ND	2.21	111	2.00	2.31	
Toluene*	<0.050	0.050	08/29/2024	ND	2.02	101	2.00	3.11	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.13	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	6.65	111	6.00	3.90	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	2040	16.0	08/28/2024	ND	448	112	400	3.64	

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	08/29/2024	ND	195	97.5	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	193	96.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	08/27/2024	Sampling Date:	08/27/2024
Reported:	09/03/2024	Sampling Type:	Soil
Project Name:	SHETLAND 11 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	249027	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 (6-6.5') (H245204-02)**

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	08/29/2024	ND	2.21	111	2.00	2.31	
Toluene*	<0.050	0.050	08/29/2024	ND	2.02	101	2.00	3.11	
Ethylbenzene*	<0.050	0.050	08/29/2024	ND	2.13	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	08/29/2024	ND	6.65	111	6.00	3.90	
Total BTEX	<0.300	0.300	08/29/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	160	16.0	08/28/2024	ND	448	112	400	3.64	

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	08/29/2024	ND	195	97.5	200	1.16	
DRO >C10-C28*	<10.0	10.0	08/29/2024	ND	193	96.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	08/29/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

- 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, Lab Director/Quality Manager



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

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

QUESTIONS

Action 381242

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2421847577
Incident Name	NAPP2421847577 SHETLAND 11 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2123649550] SHETLAND 11 CTB 1

**Location of Release Source**

Please answer all the questions in this group.

Site Name	SHETLAND 11 CTB 1
Date Release Discovered	08/05/2024
Surface Owner	Federal

**Incident Details**

Please answer all the questions in this group.

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

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Valve   Produced Water   Released: 29 BBL   Recovered: 20 BBL   Lost: 9 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)	Ball valve washed out on water leg. 29 bbls estimated released onto pad. 20 bbls recovered

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

QUESTIONS, Page 2

Action 381242

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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	Not answered.

*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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/06/2024
--	--

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

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

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

Requesting a remediation plan approval with this submission	Yes
<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)	18800
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	09/22/2024
On what date will (or did) the final sampling or liner inspection occur	10/12/2024
On what date will (or was) the remediation complete(d)	10/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	3889
What is the estimated volume (in cubic yards) that will be reclaimed	219
What is the estimated surface area (in square feet) that will be remediated	3889
What is the estimated volume (in cubic yards) that will be remediated	219

*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.*

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
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**District IV**  
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 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 381242

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/06/2024
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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 5

Action 381242

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**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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QUESTIONS, Page 6

Action 381242

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>374924</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>08/21/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>44</b>
What was the sampling surface area in square feet	<b>3854</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	<b>No</b>

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CONDITIONS

Action 381242

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 381242
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	The remediation plan is approved as written. Devon Energy has 90-days (December 30, 2024) to submit to OCD its appropriate or final remediation closure report.	9/30/2024