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Carlsbad, New Mexico 88220  
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November 14, 2024

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

**Re: Deferral Request  
Rigel 20 Fed 3H Battery  
Devon Energy Production Company  
Unit L, Section 20, Township 19S, Range 31E  
Site Coordinates: 32.64329948, -103.898984  
Eddy County, New Mexico  
Incident ID: nAPP2416525018**

### **Introduction**

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Deferral Request for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, proposed remedial action activities, and sample analysis results for the Rigel 20 Fed 3H Battery (Site). The Site is located in Unit Letter L, Section 20, of Township 19 South and Range 31 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.64329948° N latitude and 103.898984° W longitude. The site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

### **Background**

Based on the Release Notification C-141 form, the release was discovered on June 12, 2024, and was due to equipment failure. Upon discovery, the Site was shut-in, and repairs ensued. The spill resulted in the release of approximately fourteen (14) barrels (bbls) of crude oil of which two (2) were recovered for a net loss of twelve (12) bbls of crude oil. The release area is shown on Figure 3.

### **Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are two known water sources within a ½-mile radius of the Site. The nearest identified well (CP-01943-POD1) is located approximately 0.38 miles north of the Site in Sec 20 T19S R31E. The well was drilled in 2023 to the reported depth of 55 feet (ft) below ground surface (bgs) with no groundwater encountered. 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

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of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the end of this report.

**Regulatory Criteria**

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	>55

*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)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.29.13 Restoration, Reclamation and Re-vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

**Site Assessment**

On June 18, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Two (2) vertical delineation sample points (V-1 through V-2) were installed within the release area, while six (6) horizontal delineation sample points (H-1 through H-6) 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 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 sample 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) (EPA Method 8021B), total petroleum hydrocarbons (TPH) (EPA method 8015 modified), and chloride (Method SM4500Cl-B). The analytical results indicated that TPH and/or BTEX concentrations exceeded the NMOCD regulatory limits in the area of V-1 to a depth of two and a half (2.5) ft bgs, and the area of V-2 to a depth of three and a half (3.5) ft bgs. All other samples were below NMOCD regulatory limits.

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

### **Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of three (3) ft bgs in the areas of V-1, and to a depth of four (4) ft bgs in the area of V-2 to ensure that the impacted soil has been removed.

On September 25, 2024, a total of four (4) composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-4) and seven (7) sidewall composite confirmation samples were collected (i.e., SW-1 through SW-7) to ensure impacted soil was removed. Analytical results indicated that seven (7) side wall samples (i.e., SW-1 through SW-7) were above NMOCD regulatory criterion for BTEX, TPH and/or chloride concentrations.

As a result, Devon proceeded with the further excavation of impacted areas. On October 10, 2024, NTGE collected a total of five (5) additional confirmation samples from the excavation sidewalls (i.e., SW-3, SW-4, SW-5, SW-6, and SW-7) to ensure impacted soil was removed. Analytical results indicated all samples were below NMOCD regulatory criterion for the Site, excluding SW-1 and SW-2 which were unable to be excavated further due to facility infrastructure. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. The confirmation samples collected represent an area no greater than 200 square feet and were analyzed for BTEX (EPA Method 8021B), TPH (EPA method 8015 modified), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

### **Deferral Sampling**

On October 10, 2024, NTGE installed one (1) vertical deferral sample point (i.e., DS-1) at depths ranging from one (1) to eleven (11) ft bgs with a geotechnical hand auger to characterize the impacts that couldn't be excavated due to facility infrastructure. Analytical results indicated benzene, BTEX, and/or TPH concentrations were over Table I Closure Criteria to a depth of ten (10) ft bgs. At eleven ft bgs concentrations for benzene, BTEX, TPH, and chloride were below Table I Closure Criteria. Laboratory reports containing analytical methods and chain-of-custody documents are attached. Laboratory results are presented in Table 2 and their locations are shown in Figure 5.

### **Deferral Request**

Devon personnel have expressed that the excavation areas of SW-1, SW-2, and DS-1 cannot be expanded horizontally or vertically due to the presence of facility infrastructure (i.e., flowlines) around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is shown on Figure 5.

On behalf of Devon, NTG Environmental formally requests a deferral to address the remaining soil impacts at the time of facility decommissioning or in the event infrastructure modifications are made in

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the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the remediation actions to be completed at a future date.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager

Attachments:

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

## **SITE CHARACTERIZATION INFORMATION**

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## **TABLES**

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## **FIGURES**

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**PHOTOGRAPHIC LOG**

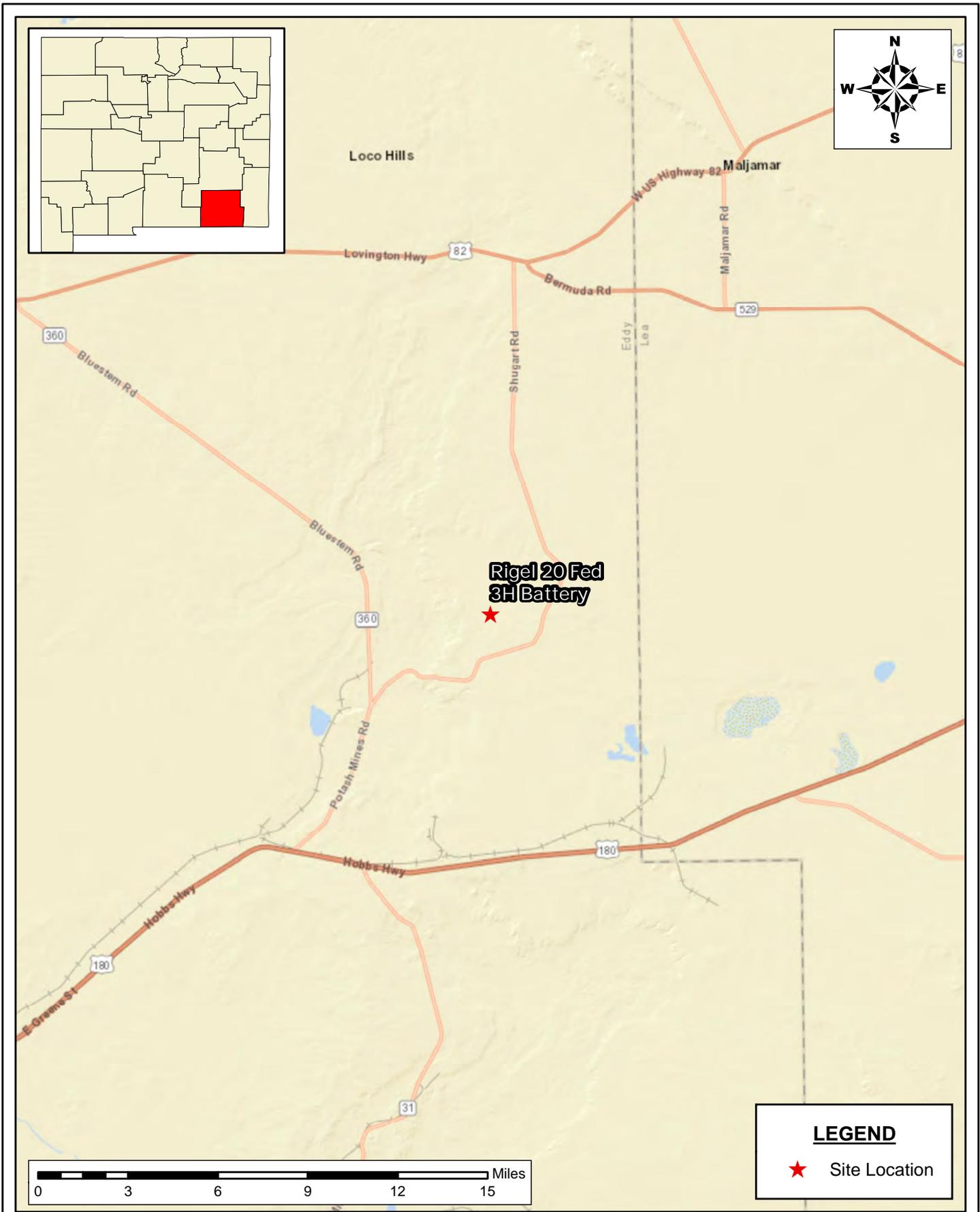
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**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**

## **FIGURES**

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**SITE LOCATION MAP**  
**SITE CHARACTERIZATION AND REMEDIATION DEFERAL REQUEST**  
 DEVON ENERGY PRODUCTION CORPORATION  
 RIGEL 20 FED 3  
 EDDY COUNTY, NEW MEXICO

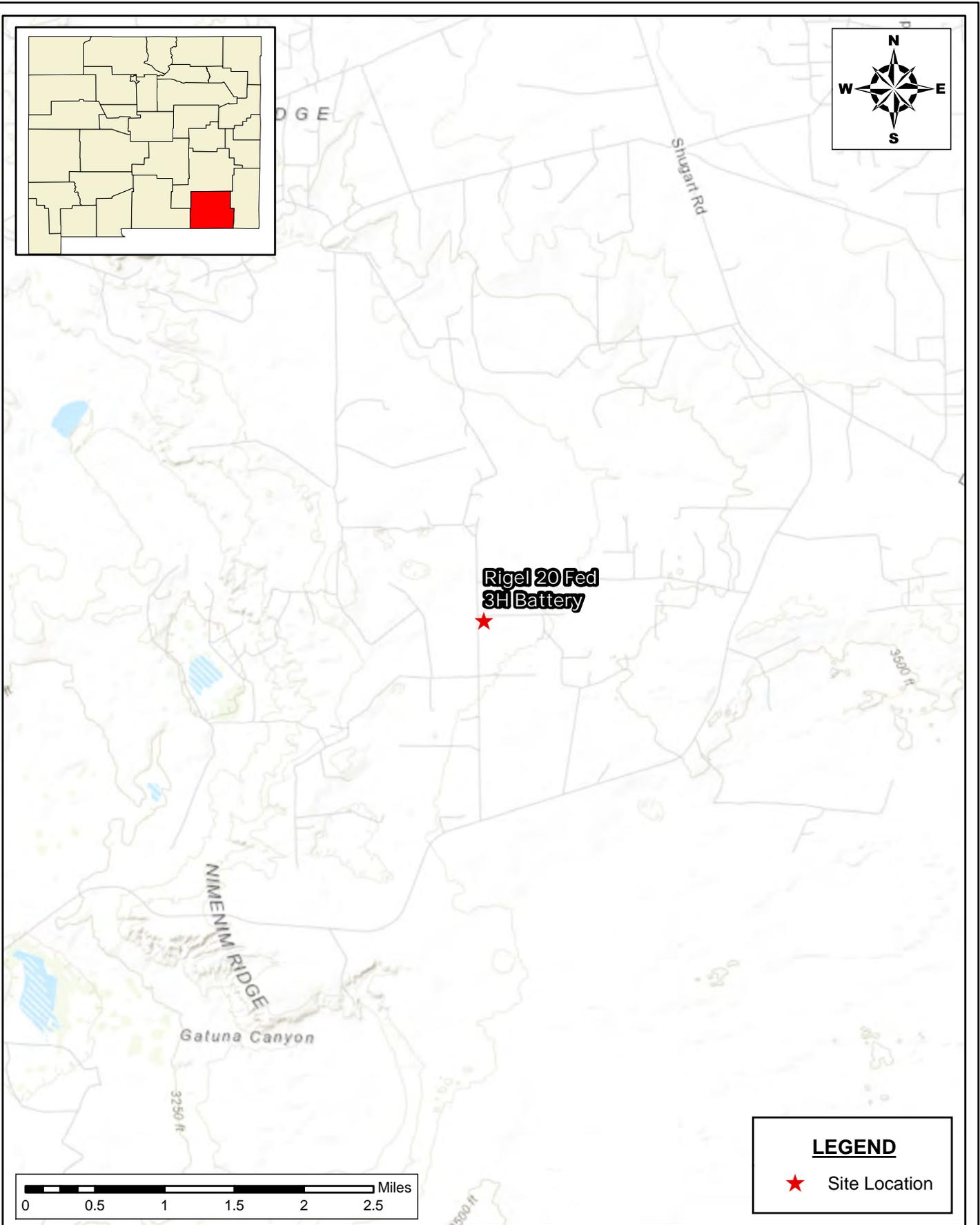
  
**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenviromental.com

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

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

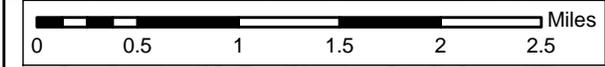
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**LEGEND**

★ Site Location



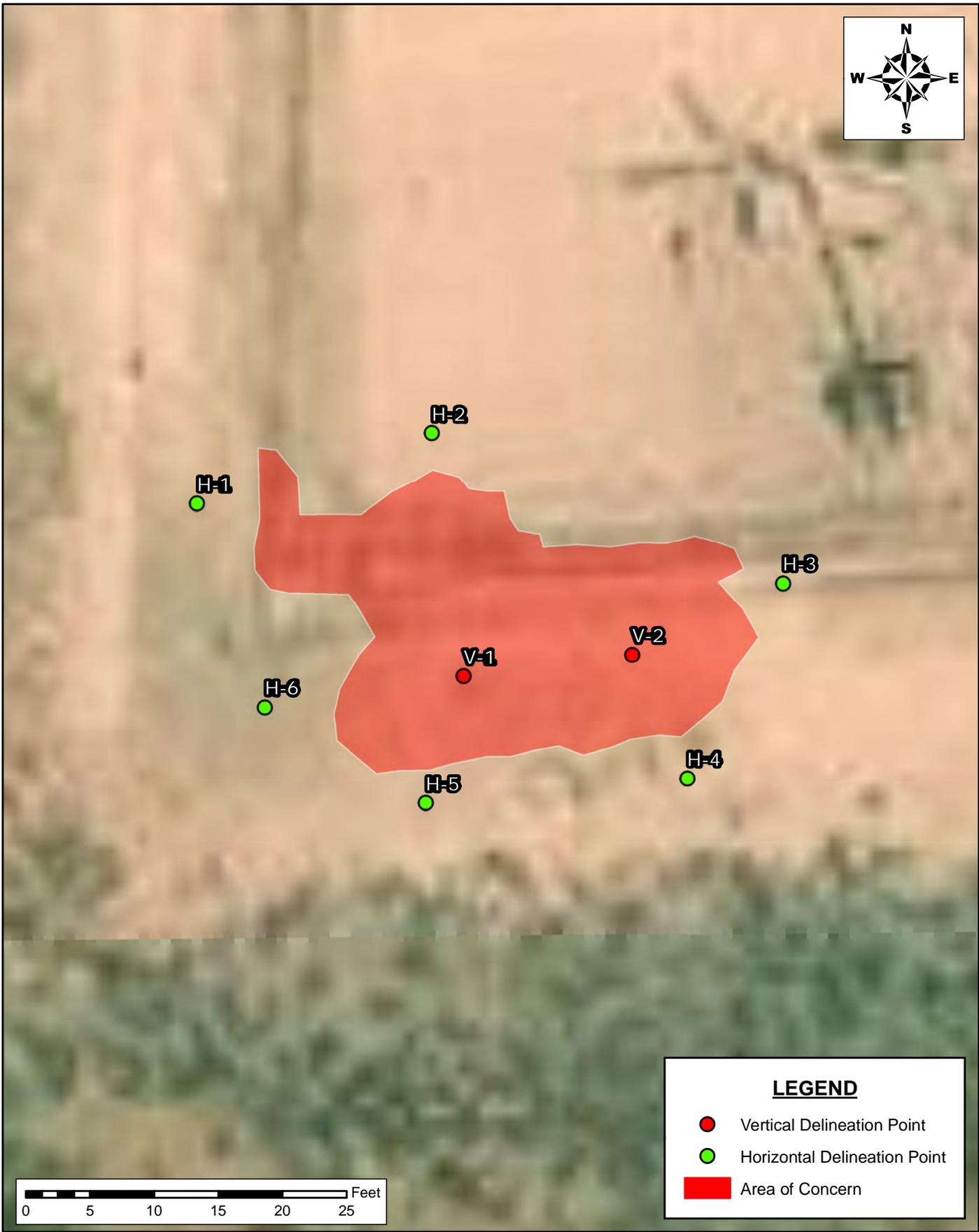
**TOPOGRAPHIC MAP**  
**SITE CHARACTERIZATION AND REMEDIATION**  
**DEFERRAL REQUEST**  
 DEVON ENERGY PRODUCTION CORPORATION  
 RIGEL 20 FED 3  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 6/25/2024    PROJECT #: 248823

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



**LEGEND**

- Vertical Delineation Point
- Horizontal Delineation Point
- Area of Concern



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**DELINEATION SAMPLING MAP  
SITE CHARACTERIZATION AND  
REMEDIAL DEFERRAL REQUEST**  
DEVON ENERGY PRODUCTION COMPANY  
RIGEL 20 FED 3  
EDDY COUNTY, NEW MEXICO



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

DRAWING NUMBER:

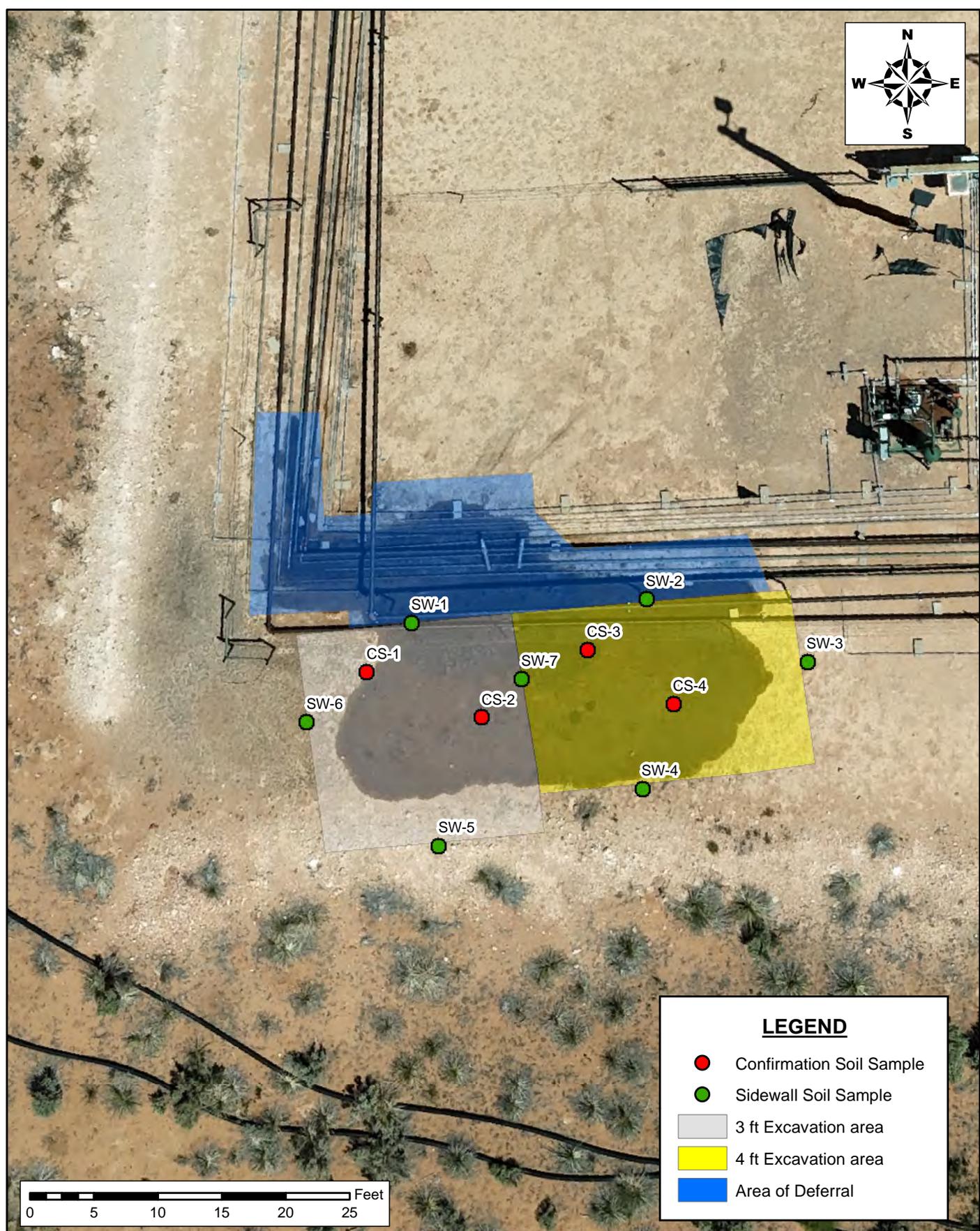
**FIGURE 3**

SHEET NUMBER:

**1 of 1**

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**LEGEND**

- Confirmation Soil Sample
- Sidewall Soil Sample
- 3 ft Excavation area
- 4 ft Excavation area
- Area of Deferral

**CONFIRMATION SAMPLING MAP**  
**SITE CHARACTERIZATION AND DEFERRAL REQUEST**  
 DEVON ENERGY PRODUCTION COMPANY  
 RIGEL 20 FED 3  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 11/14/2024    PROJECT #: 248823

**NTG**  
 Environmental

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**NOTES:**

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

DRAWING NUMBER:  
**FIGURE 4**

SHEET NUMBER:  
**1 of 1**

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**LEGEND**

- Horizontal Soil Sample
- Vertical Soil Sample
- 3 ft Excavation area
- 4 ft Excavation area
- Area of Deferral

**DEFERRAL MAP**  
**SITE CHARACTERIZATION AND DEFERRAL REQUEST**  
 DEVON ENERGY PRODUCTION COMPANY  
 RIGEL 20 FED 3  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 11/14/2024    PROJECT #: 248823

  
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**NOTES:**

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

DRAWING NUMBER:  
**FIGURE 5**  
 SHEET NUMBER:  
**1 of 1**

## **TABLES**

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**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Rigel 20 Fed 3**  
**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	6/18/2024	0-6"	0.591	18.8	23.9	54.2	97.5	1,140	16,700	17,840	3,730	21,570	256
	6/18/2024	1-1.5'	0.232	8.16	12.4	25.6	46.5	270	1,310	1,580	253	1,833	64
	6/18/2024	2-2.5'	<0.050	0.825	1.11	3.47	5.41	43.8	250	293.8	32.9	326.7	16.0
	6/18/2024	3-3.5'	<0.050	0.105	0.269	1.40	1.77	10.7	85.3	96.0	<10.0	96.0	80.0
	6/18/2024	4-4.5'	<0.050	0.064	0.156	0.488	0.708	10.1	66.1	76.2	<10.0	76.2	224
V-2	6/18/2024	0-6"	1.60	9.95	12.3	33	56.9	1,090	21,900	22,990	4,900	27,890	64.0
	6/18/2024	1-1.5'	0.506	3.86	4.19	9.47	18.0	119	1,920	2,039	408	2,447	<16.0
	6/18/2024	2-2.5'	<0.050	0.101	0.104	0.295	0.500	<10.0	60.9	60.9	<10.0	60.9	16.0
	6/18/2024	3-3.5'	<0.050	0.375	0.518	1.56	2.46	23.4	468	491.4	84.3	575.7	96.0
	6/18/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.1	11.1	<10.0	11.1	592
<b>Horizontal Delineation Samples</b>													
H-1	6/18/2024	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-2	6/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.7	15.7	<10.0	15.7	16.0
H-3	6/18/2024	0-6"	<0.050	0.074	0.086	0.152	3.12	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
H-4	6/18/2024	0-6"	<0.050	0.197	0.218	0.400	0.815	<10.0	13.8	13.8	<10.0	13.8	48.0
H-5	6/18/2024	0-6"	0.057	0.324	0.177	0.250	0.808	<10.0	14.9	14.9	<10.0	14.9	80.0
H-6	6/18/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. --- Not Analyzed
- 4. BTEX analyses by EPA Method SW 8021B  

SP-4	Sample Point Excavated
------	------------------------
- 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 (4 Feet and Greater).

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Rigel 20 Fed 3**  
**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>Base Confirmation Samples</b>													
CS-1	9/25/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	23.5	23.5	<10.0	23.5	64.0
CS-2	9/25/2024	3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	18.8	<10.0	18.8	80.0
CS-3	9/25/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.6	33.6	<10.0	33.6	64.0
CS-4	9/25/2024	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.5	14.5	<10.0	14.5	224
<b>Sidewall Samples</b>													
SW-1	9/25/2024	0-3	0.056	0.660	1.08	2.01	3.80	49	1,990	2,039	429	2,468	112
SW-2	9/25/2024	0-4	0.718	12.7	16.1	34.6	64.0	263	13,700	13,963	3,090	17,053	32.0
SW-3	9/25/2024	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	619	619	137	756	32.0
	10/10/2024	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-4	9/25/2024	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	200	200	54.5	255	32.0
	10/10/2024	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-5	9/25/2024	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,660	1,660	531	2,191	64.0
	10/10/2024	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-6	9/25/2024	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,150
	10/10/2024	0-3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-7	9/25/2024	3-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	281	281	77.6	359	144
	10/10/2024	3-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
<b>Deferral Samples</b>													
DS-1	10/10/2024	1	<1.00	19.0	26.7	73.1	119	2,060	32,700	34,760	6,040	40,800	64.0
	10/10/2024	2	62.5	329	162	336	889	7,680	19,500	27,180	3,240	30,420	48.0
	10/10/2024	3	14.2	56.5	25.5	48.8	145	813	1,660	2,473	254	2,727	32.0
	10/10/2024	4	18.7	117	59.8	113	308	3,600	9,470	13,070	1,620	14,690	32.0
	10/10/2024	5	40.7	215	96.2	183	535	5,730	12,220	17,950	2,020	19,970	32.0
	10/10/2024	6	54.8	259	114	202	630	6,410	12,600	19,010	1,910	20,920	16.0
	10/10/2024	7	46.6	233	106	188	573	6,920	13,200	20,120	2,180	22,300	16.0
	10/10/2024	8	41.4	217	100	180	538	5,490	10,400	15,890	1,550	17,440	16.0
	10/10/2024	9	37.8	211	101	182	533	5,750	11,400	17,150	1,710	18,860	<16.0
	10/10/2024	10	4.57	29.2	9.09	13.8	56.7	161	72.6	233.6	<10.0	233.6	64.0
	10/10/2024	11	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. --- Not Analyzed
- 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 (4 Feet or Greater).
- 9. --- Not Analyzed

SP-1 Sample Point Excavated

## **SITE CHARACTERIZATION INFORMATION**

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NMOCD Closure Criteria

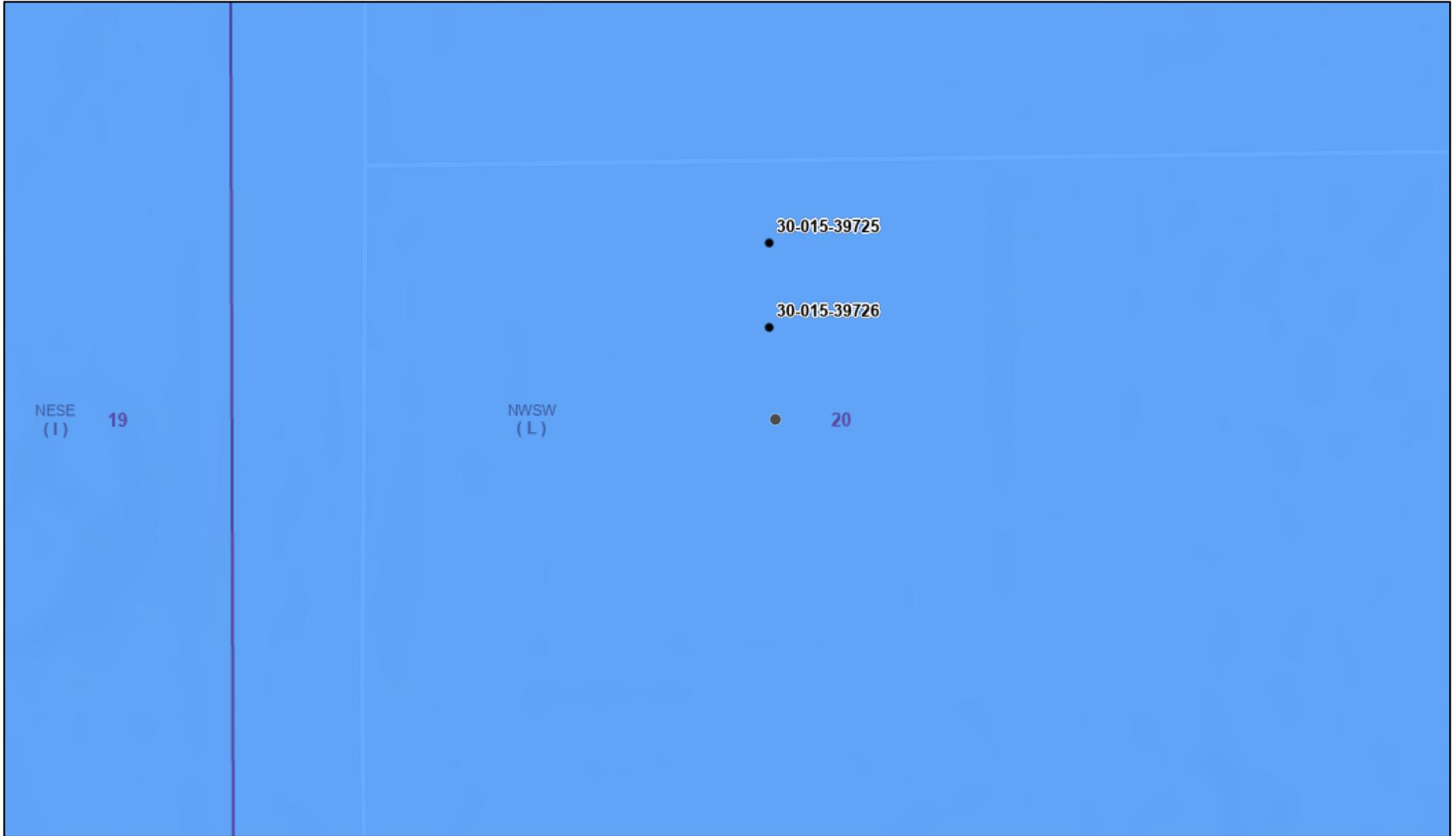
Rigel 20 Fed 3H Battery

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	>55	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100	x	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water		in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100	1,000	50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

\* - numerical limit or background, whichever is greater

# Karst Potential Map

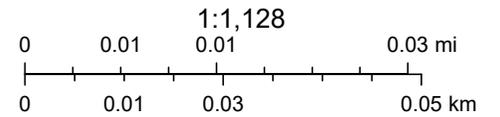


6/13/2024, 10:43:44 AM

Wells - Large Scale Karst Occurrence Potential

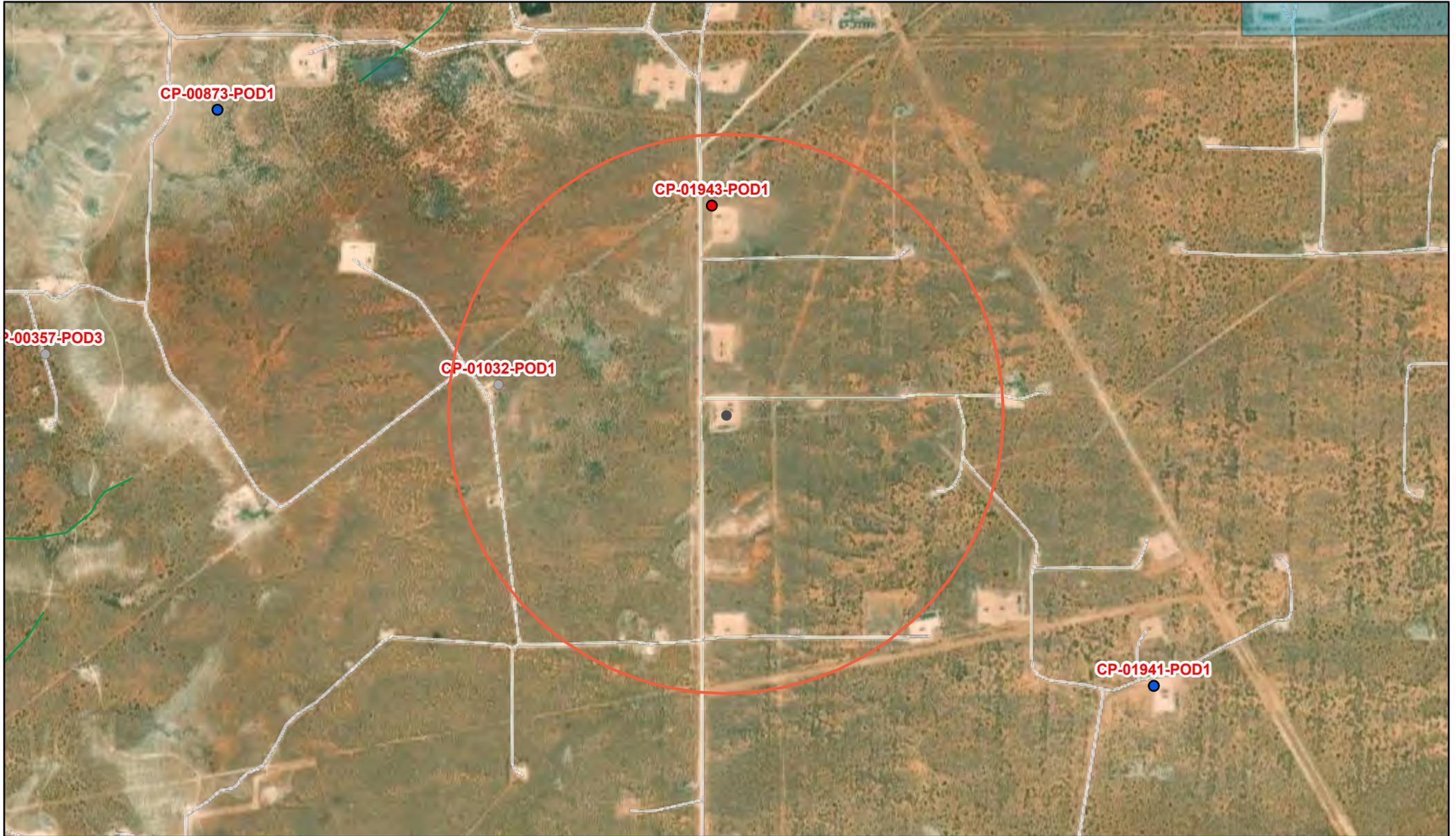
Oil, Active
  Medium

PLSS Second Division  
 PLSS First Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS

# OSE POD Location Map

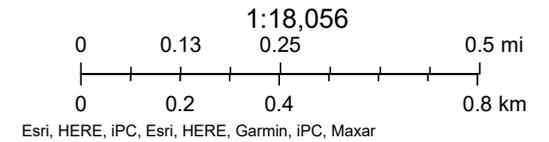


6/13/2024, 10:20:39 AM

- Override 1
- Plugged
- Active
- OSE District Boundary

GIS WATERS PODs

- New Mexico State Trust Lands
- Both Estates
- NHD Flowlines
- Artificial Path
- Connector
- Stream River



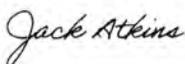


4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, fine-grained, poorly graded, unconsolidated Brown	Y ✓ N	
	4	25	21	Caliche, with very fine- grained sand, Tan off white	Y ✓ N	
	25	50	25	Sand, fine-grained, poorly graded, consolidated, Brown	Y ✓ N	
	50	55	5	Sand, fine-grained, poorly graded, unconsolidated, Tan	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 5 Rigel 20 Fed Com 2H <div style="text-align: right; color: gray; font-size: small;">3/25/23 4:23 PM</div>
		PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins	4/26/23
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO. CP-1943	POD NO. 1	TRN NO. 740394	
LOCATION 195-31E-20 131	WELL TAG ID NO. M4	PAGE 2 OF 2	



# PLUGGING RECORD



**NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

### I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1943 POD-1

Well owner: Devon Energy Phone No.: 575-748-1838

Mailing address: 6488 7 Rivers Hwy

City: Artesia State: New Mexico Zip code: 88210

### II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins ( Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Shane Eldridge, Cameron Pruitt
- 4) Date well plugging began: 4/18/2023 Date well plugging concluded: 4/18/2023
- 5) GPS Well Location: Latitude: 32 deg, 38 min, 55.52 sec  
Longitude: 103 deg, 53 min, 58 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 1/11/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
0-10'	Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
10'-55'	Drill Cuttings	Approx. 71 gallons	71 gallons	Boring	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

**III. SIGNATURE:**

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

*Jackie D. Atkins*

Signature of Well Driller

4/26/2023

Date

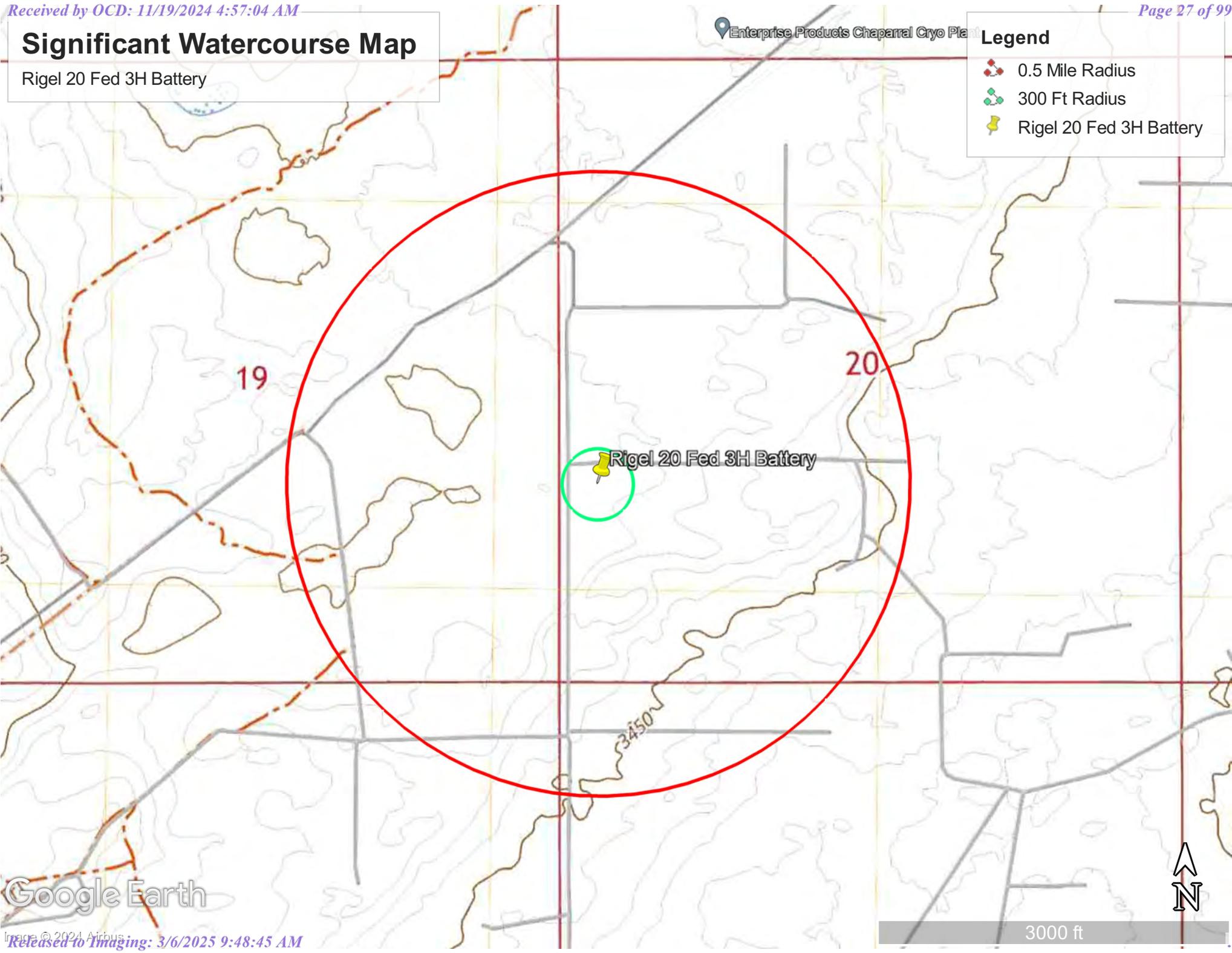
# Significant Watercourse Map

Rigel 20 Fed 3H Battery

Enterprise Products Chaparral Cryo Plant

**Legend**

-  0.5 Mile Radius
-  300 Ft Radius
-  Rigel 20 Fed 3H Battery



Google Earth



3000 ft



# Wetlands Map



June 13, 2024

### Wetlands

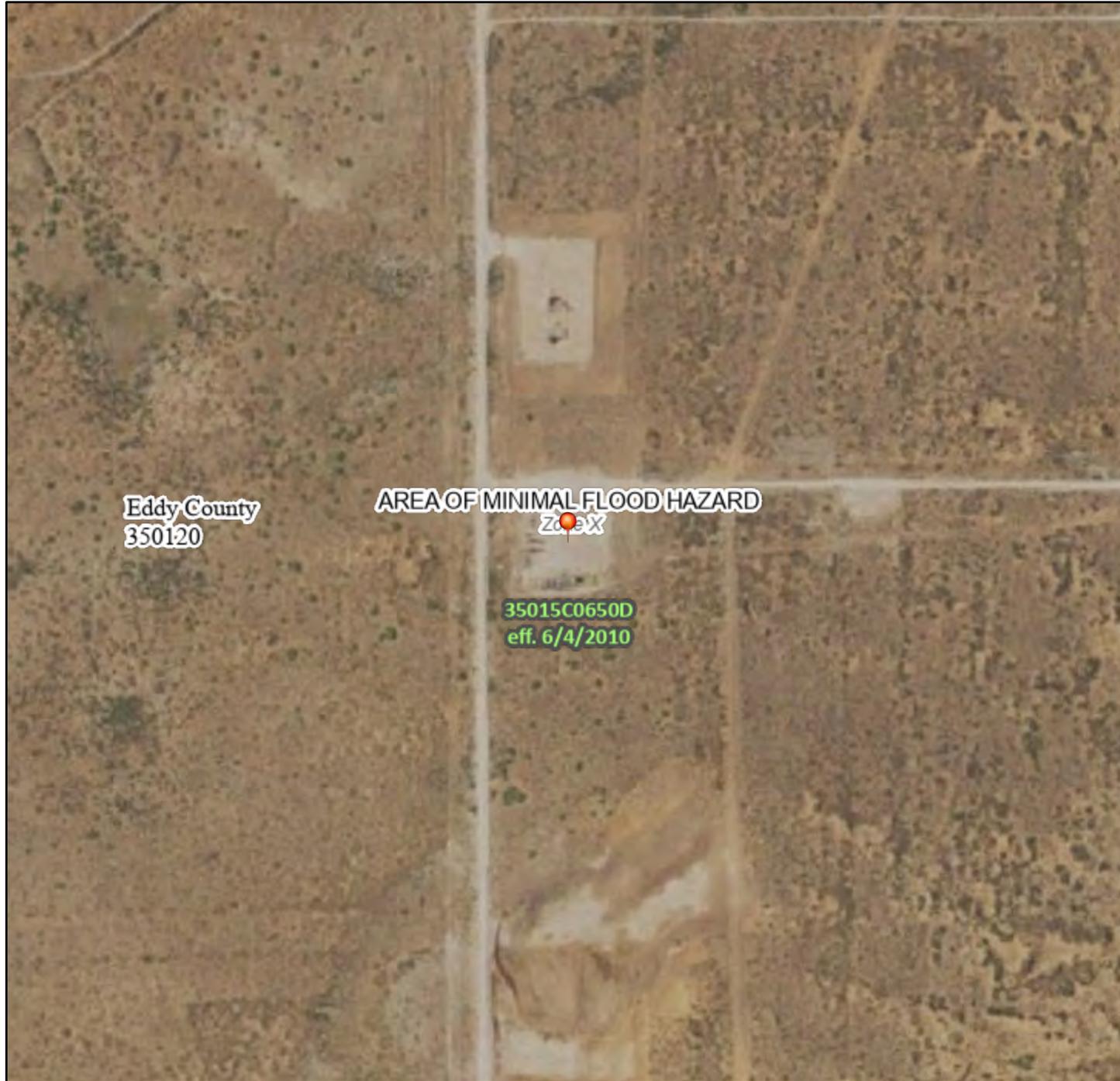
-  Estuarine and Marine Deepwater
-  Freshwater Emergent Wetland
-  Lake
-  Estuarine and Marine Wetland
-  Freshwater Forested/Shrub Wetland
-  Other
-  Freshwater Pond
-  Riverine

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

# National Flood Hazard Layer FIRMMette



103°54'15"W 32°38'51"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**
    - Cross Sections with 1% Annual Chance Water Surface Elevation
    - Coastal Transect
    - Base Flood Elevation Line (BFE)
    - Limit of Study
    - Jurisdiction Boundary
    - 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.



1:6,000

103°53'38"W 32°38'21"N

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 6/25/2024 at 1:25 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.

**PHOTOGRAPHIC LOG**

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**PHOTOGRAPHIC LOG**  
Devon Energy Production Company  
Rigel 20 Fed 3H Battery

**Photograph No. 1**

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.



**Photograph No. 2**

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.



**Photograph No. 3**

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Area of Concern.



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Rigel 20 Fed 3H Battery

#### Photograph No. 4

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Confirmation Sampling 9/25/24



#### Photograph No. 5

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Confirmation Sampling 9/25/24



#### Photograph No. 6

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Confirmation Sampling

Confirmation Sampling 9/25/24



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Rigel 20 Fed 3H Battery

#### Photograph No. 7

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Confirmation Sampling 10/10/24

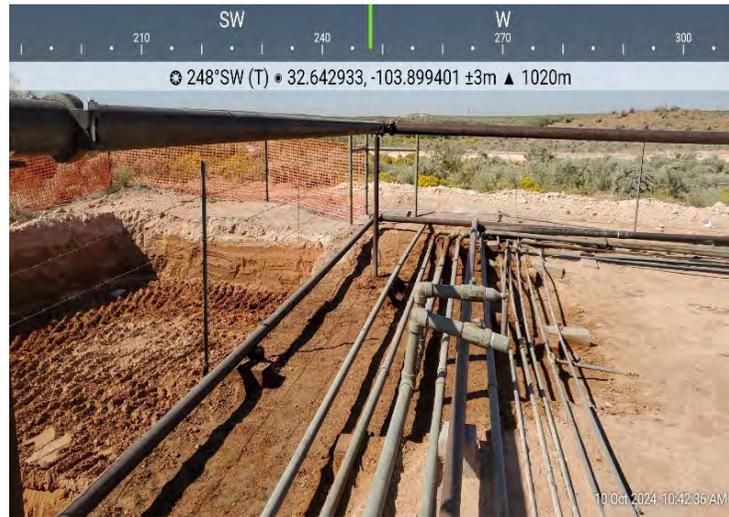


#### Photograph No. 8

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Confirmation Sampling 10/10/24



#### Photograph No. 9

**Facility:** Rigel 20 Fed 3H Battery

**County:** Eddy County, New Mexico

**Description:**  
Confirmation Sampling 10/10/24



**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



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

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June 24, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGEL 20 FED 3

Enclosed are the results of analyses for samples received by the laboratory on 06/18/24 11:06.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 0-6" (H243560-01)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.591</b>	0.500	06/21/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>18.8</b>	0.500	06/21/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>23.9</b>	0.500	06/21/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>54.2</b>	1.50	06/21/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>97.5</b>	3.00	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>256</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>1140</b>	50.0	06/19/2024	ND	189	94.6	200	3.70	
<b>DRO &gt;C10-C28*</b>	<b>16700</b>	50.0	06/19/2024	ND	185	92.6	200	5.20	
<b>EXT DRO &gt;C28-C36</b>	<b>3730</b>	50.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 160 % 48.2-134

Surrogate: 1-Chlorooctadecane 184 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 1-1.5' (H243560-02)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.232</b>	0.100	06/21/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>8.16</b>	0.100	06/21/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>12.4</b>	0.100	06/21/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>25.6</b>	0.300	06/21/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>46.5</b>	0.600	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 182 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>270</b>	10.0	06/19/2024	ND	189	94.6	200	3.70	
<b>DRO &gt;C10-C28*</b>	<b>1310</b>	10.0	06/19/2024	ND	185	92.6	200	5.20	
<b>EXT DRO &gt;C28-C36</b>	<b>253</b>	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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\*=Accredited Analyte

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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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 2-2.5' (H243560-03)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>0.825</b>	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>1.11</b>	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>3.47</b>	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>5.41</b>	0.300	06/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>43.8</b>	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>250</b>	10.0	06/19/2024	ND	201	101	200	8.95	
<b>EXT DRO &gt;C28-C36</b>	<b>32.9</b>	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 3-3.5' (H243560-04)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>0.105</b>	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>0.269</b>	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>1.40</b>	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>1.77</b>	0.300	06/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>10.7</b>	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>85.3</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 1 4-4.5' (H243560-05)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>0.064</b>	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>0.156</b>	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>0.488</b>	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>0.708</b>	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>10.1</b>	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>66.1</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 0-6" (H243560-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.60</b>	1.00	06/20/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>9.95</b>	1.00	06/20/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>12.3</b>	1.00	06/20/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>33.0</b>	3.00	06/20/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>56.9</b>	6.00	06/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>1090</b>	50.0	06/19/2024	ND	207	104	200	1.30		
<b>DRO &gt;C10-C28*</b>	<b>21900</b>	50.0	06/19/2024	ND	201	101	200	8.95		
<b>EXT DRO &gt;C28-C36</b>	<b>4900</b>	50.0	06/19/2024	ND						

Surrogate: 1-Chlorooctane 564 % 48.2-134

Surrogate: 1-Chlorooctadecane 615 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 1-1.5' (H243560-07)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.506</b>	0.050	06/21/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>3.86</b>	0.050	06/21/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>4.19</b>	0.050	06/21/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>9.47</b>	0.150	06/21/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>18.0</b>	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 180 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>119</b>	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>1920</b>	10.0	06/19/2024	ND	201	101	200	8.95	
<b>EXT DRO &gt;C28-C36</b>	<b>408</b>	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 2-2.5' (H243560-08)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>0.101</b>	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>0.104</b>	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>0.295</b>	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>0.500</b>	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>60.9</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 3-3.5' (H243560-09)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
<b>Toluene*</b>	<b>0.375</b>	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
<b>Ethylbenzene*</b>	<b>0.518</b>	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
<b>Total Xylenes*</b>	<b>1.56</b>	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
<b>Total BTEX</b>	<b>2.46</b>	0.300	06/20/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>23.4</b>	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>468</b>	10.0	06/19/2024	ND	201	101	200	8.95	
<b>EXT DRO &gt;C28-C36</b>	<b>84.3</b>	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: V - 2 4-4.5' (H243560-10)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
Toluene*	<0.050	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
Total BTEX	<0.300	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>592</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>11.1</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 1 (H243560-11)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
Toluene*	<0.050	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
Total BTEX	<0.300	0.300	06/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 2 (H243560-12)**

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	06/20/2024	ND	1.99	99.4	2.00	1.97	
Toluene*	<0.050	0.050	06/20/2024	ND	2.12	106	2.00	2.12	
Ethylbenzene*	<0.050	0.050	06/20/2024	ND	2.13	106	2.00	2.60	
Total Xylenes*	<0.150	0.150	06/20/2024	ND	6.58	110	6.00	2.30	
Total BTEX	<0.300	0.300	06/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>15.7</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 3 (H243560-13)**

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	06/20/2024	ND	1.85	92.4	2.00	1.80	
<b>Toluene*</b>	<b>0.074</b>	0.050	06/20/2024	ND	1.85	92.7	2.00	2.33	
<b>Ethylbenzene*</b>	<b>0.086</b>	0.050	06/20/2024	ND	1.75	87.7	2.00	2.47	
<b>Total Xylenes*</b>	<b>0.152</b>	0.150	06/20/2024	ND	5.47	91.1	6.00	2.50	
<b>Total BTEX</b>	<b>3.12</b>	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 4 (H243560-14)**

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	06/20/2024	ND	1.85	92.4	2.00	1.80	
<b>Toluene*</b>	<b>0.197</b>	0.050	06/20/2024	ND	1.85	92.7	2.00	2.33	
<b>Ethylbenzene*</b>	<b>0.218</b>	0.050	06/20/2024	ND	1.75	87.7	2.00	2.47	
<b>Total Xylenes*</b>	<b>0.400</b>	0.150	06/20/2024	ND	5.47	91.1	6.00	2.50	
<b>Total BTEX</b>	<b>0.815</b>	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>13.8</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 5 (H243560-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.057</b>	0.050	06/20/2024	ND	1.85	92.4	2.00	1.80	
<b>Toluene*</b>	<b>0.324</b>	0.050	06/20/2024	ND	1.85	92.7	2.00	2.33	
<b>Ethylbenzene*</b>	<b>0.177</b>	0.050	06/20/2024	ND	1.75	87.7	2.00	2.47	
<b>Total Xylenes*</b>	<b>0.250</b>	0.150	06/20/2024	ND	5.47	91.1	6.00	2.50	
<b>Total BTEX</b>	<b>0.808</b>	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
<b>DRO &gt;C10-C28*</b>	<b>14.9</b>	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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:	06/18/2024	Sampling Date:	06/18/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: H - 6 (H243560-16)**

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	06/20/2024	ND	1.85	92.4	2.00	1.80	
Toluene*	<0.050	0.050	06/20/2024	ND	1.85	92.7	2.00	2.33	
Ethylbenzene*	<0.050	0.050	06/20/2024	ND	1.75	87.7	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/20/2024	ND	5.47	91.1	6.00	2.50	
Total BTEX	<0.300	0.300	06/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/19/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/19/2024	ND	207	104	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/19/2024	ND	201	101	200	8.95	
EXT DRO >C28-C36	<10.0	10.0	06/19/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 184355

Project Manager: Ethan Sessums  
 Company Name: NTG Environmental  
 Address: 209 W McKay St  
 City, State ZIP: Carlsbad, NM 88220  
 Phone: 432-701-2159  
 Email: [esessums@ntgglobal.com](mailto:esessums@ntgglobal.com)

Bill to: (if different)  
 Company Name: Devon  
 Address:  
 City, State ZIP:

Page 1 of 2

Work Order Comments  
 Program: UST/PST  PRP  Brownfields  RRC  Superfund   
 State of Project:  
 Reporting Level II  Level III  PST/UST  RRP  Level IV   
 Deliverables: EDD  ADAPT  Other:

Project Name: Rigel 20 Fed 3  
 Project Number: 248823  
 Project Location: Eddy County, NM  
 Sampler's Name: Clayton T. Ethan S  
 PO #: 21357562

Turn Around:  Routine  Rush  
 Due Date: TAT starts the day received by the lab. If received by 4:30pm

SAMPLE RECEIPT  
 Received Intact: Yes  No   
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Total Containers: 16

Temp Blank: Yes  No   
 Thermometer ID: 140  
 Correction Factor: -1.2  
 Temperature Reading:  
 Corrected Temperature:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
V-1	0-6"	6/18/2024	8:00	X		Grab	1	BTEX 8021B			None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
V-1	1-1.5'	6/18/2024	8:03	X		Grab	1	TPH 8015M ( GRO + DRO + MRO)				
V-1	2-2.5'	6/18/2024	8:06	X		Grab	1	Chloride 4500				
V-1	3-3.5'	6/18/2024	8:09	X		Grab	1					
V-1	4-4.5'	6/18/2024	8:12	X		Grab	1					
V-2	0-6"	6/18/2024	8:15	X		Grab	1					
V-2	1-1.5'	6/18/2024	8:18	X		Grab	1					
V-2	2-2.5'	6/18/2024	8:21	X		Grab	1					
V-2	3-3.5'	6/18/2024	8:24	X		Grab	1					
V-2	4-4.5'	6/18/2024	8:27	X		Grab	1					

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	6-18-24 1106			





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

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September 27, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGEL 20 FED 3H BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/25/24 12:46.

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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: CS - 1 (H245819-01)**

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	09/26/2024	ND	2.06	103	2.00	1.54	
Toluene*	<0.050	0.050	09/26/2024	ND	2.15	108	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.29	115	2.00	3.76	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.93	116	6.00	4.47	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	199	99.4	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>23.5</b>	10.0	09/26/2024	ND	195	97.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: CS - 2 (H245819-02)**

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	09/26/2024	ND	2.06	103	2.00	1.54	
Toluene*	<0.050	0.050	09/26/2024	ND	2.15	108	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.29	115	2.00	3.76	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.93	116	6.00	4.47	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	199	99.4	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>18.8</b>	10.0	09/26/2024	ND	195	97.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: CS - 3 (H245819-03)**

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	09/26/2024	ND	2.06	103	2.00	1.54	
Toluene*	<0.050	0.050	09/26/2024	ND	2.15	108	2.00	2.39	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	2.29	115	2.00	3.76	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	6.93	116	6.00	4.47	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	199	99.4	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>33.6</b>	10.0	09/26/2024	ND	195	97.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: CS - 4 (H245819-04)**

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	09/26/2024	ND	1.81	90.3	2.00	2.52	
Toluene*	<0.050	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	199	99.4	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>14.5</b>	10.0	09/26/2024	ND	195	97.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 1 (H245819-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.056</b>	0.050	09/26/2024	ND	1.81	90.3	2.00	2.52	
<b>Toluene*</b>	<b>0.660</b>	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47	
<b>Ethylbenzene*</b>	<b>1.08</b>	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30	
<b>Total Xylenes*</b>	<b>2.01</b>	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48	
<b>Total BTEX</b>	<b>3.80</b>	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	09/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>49.0</b>	10.0	09/26/2024	ND	199	99.4	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>1990</b>	10.0	09/26/2024	ND	195	97.5	200	3.15	
<b>EXT DRO &gt;C28-C36</b>	<b>429</b>	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 2 (H245819-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.718</b>	0.200	09/26/2024	ND	1.81	90.3	2.00	2.52	
<b>Toluene*</b>	<b>12.7</b>	0.200	09/26/2024	ND	1.91	95.5	2.00	1.47	
<b>Ethylbenzene*</b>	<b>16.1</b>	0.200	09/26/2024	ND	1.96	97.8	2.00	1.30	
<b>Total Xylenes*</b>	<b>34.6</b>	0.600	09/26/2024	ND	5.86	97.6	6.00	1.48	
<b>Total BTEX</b>	<b>64.0</b>	1.20	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	09/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>263</b>	50.0	09/26/2024	ND	199	99.4	200	1.07		
<b>DRO &gt;C10-C28*</b>	<b>13700</b>	50.0	09/26/2024	ND	195	97.5	200	3.15		
<b>EXT DRO &gt;C28-C36</b>	<b>3090</b>	50.0	09/26/2024	ND						

Surrogate: 1-Chlorooctane 135 % 48.2-134

Surrogate: 1-Chlorooctadecane 365 % 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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 3 (H245819-07)**

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	09/26/2024	ND	1.81	90.3	2.00	2.52	
Toluene*	<0.050	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48	
Total BTEX	<0.300	0.300	09/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	199	99.4	200	1.07	
<b>DRO &gt;C10-C28*</b>	<b>619</b>	10.0	09/26/2024	ND	195	97.5	200	3.15	
<b>EXT DRO &gt;C28-C36</b>	<b>137</b>	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 4 (H245819-08)**

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	09/26/2024	ND	1.81	90.3	2.00	2.52		
Toluene*	<0.050	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30		
Total Xylenes*	<0.150	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48		
Total BTEX	<0.300	0.300	09/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>32.0</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	199	99.4	200	1.07		
<b>DRO &gt;C10-C28*</b>	<b>200</b>	10.0	09/26/2024	ND	195	97.5	200	3.15		
<b>EXT DRO &gt;C28-C36</b>	<b>54.5</b>	10.0	09/26/2024	ND						

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 5 (H245819-09)**

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	09/26/2024	ND	1.81	90.3	2.00	2.52	
Toluene*	<0.050	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	200	99.8	200	0.396	
<b>DRO &gt;C10-C28*</b>	<b>1660</b>	10.0	09/26/2024	ND	179	89.6	200	2.68	
<b>EXT DRO &gt;C28-C36</b>	<b>531</b>	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 6 (H245819-10)**

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	09/26/2024	ND	1.81	90.3	2.00	2.52	
Toluene*	<0.050	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	200	99.8	200	0.396	
DRO >C10-C28*	<10.0	10.0	09/26/2024	ND	179	89.6	200	2.68	
EXT DRO >C28-C36	<10.0	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/25/2024	Sampling Date:	09/25/2024
Reported:	09/27/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3H BATTERY	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 7 (H245819-11)**

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	09/26/2024	ND	1.81	90.3	2.00	2.52	
Toluene*	<0.050	0.050	09/26/2024	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	09/26/2024	ND	1.96	97.8	2.00	1.30	
Total Xylenes*	<0.150	0.150	09/26/2024	ND	5.86	97.6	6.00	1.48	
Total BTEX	<0.300	0.300	09/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	09/26/2024	ND	416	104	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	09/26/2024	ND	200	99.8	200	0.396	
<b>DRO &gt;C10-C28*</b>	<b>281</b>	10.0	09/26/2024	ND	179	89.6	200	2.68	
<b>EXT DRO &gt;C28-C36</b>	<b>77.6</b>	10.0	09/26/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

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

Company Name: <u>NTG Environmental</u> Project Manager: <u>Chon Sessoms</u> Address: <u>209 W McKay Street</u> City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u> Phone #: <u>(504) 266-5456</u> Fax #: _____ Project #: <u>248823</u> Project Owner: <u>Devon</u> Project Name: <u>Pegel 20 Fed 3H Baktan</u> Project Location: <u>Edley Co, NM</u> Sampler Name: <u>Will Sweeney Kenny Han</u>		P.O. #: <u>1397562</u> Company: <u>Devon</u> Attn: <u>Dale Woodall</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. <u>H245819</u> Sample I.D. <u>SW-7</u>		(G)RAB OR (C)OMP <u>C</u> # CONTAINERS <u>1</u> MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL <input checked="" type="checkbox"/> OTHER: _____	PRESERV: _____ DATE <u>11/25/24</u> TIME _____
Relinquished By: <u>[Signature]</u> Date: <u>11/25/24</u> Time: <u>12:48</u>		Received By: <u>[Signature]</u> Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C <u>3.3</u> Corrected Temp. °C <u>2.7</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Checked By: <u>[Signature]</u>	
Turnaround Time: _____ Standard <input checked="" type="checkbox"/> <u>48 hr</u> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____		Vertical Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: _____	



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October 14, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGEL 20 FED 3

Enclosed are the results of analyses for samples received by the laboratory on 10/10/24 12:25.

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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 3 (H246173-01)**

BTEX 8021B		mg/L		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2024	ND	2.05	103	2.00	4.21	
Toluene*	<0.050	0.050	10/10/2024	ND	2.00	99.8	2.00	3.75	
Ethylbenzene*	<0.050	0.050	10/10/2024	ND	2.02	101	2.00	3.65	
Total Xylenes*	<0.150	0.150	10/10/2024	ND	6.03	101	6.00	3.46	
Total BTEX	<0.300	0.300	10/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	226	113	200	4.93	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	222	111	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 4 (H246173-02)**

BTEX 8021B		mg/L		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2024	ND	2.05	103	2.00	4.21	
Toluene*	<0.050	0.050	10/10/2024	ND	2.00	99.8	2.00	3.75	
Ethylbenzene*	<0.050	0.050	10/10/2024	ND	2.02	101	2.00	3.65	
Total Xylenes*	<0.150	0.150	10/10/2024	ND	6.03	101	6.00	3.46	
Total BTEX	<0.300	0.300	10/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	226	113	200	4.93	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	222	111	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 5 (H246173-03)**

BTEX 8021B		mg/L		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/10/2024	ND	2.05	103	2.00	4.21	
Toluene*	<0.050	0.050	10/10/2024	ND	2.00	99.8	2.00	3.75	
Ethylbenzene*	<0.050	0.050	10/10/2024	ND	2.02	101	2.00	3.65	
Total Xylenes*	<0.150	0.150	10/10/2024	ND	6.03	101	6.00	3.46	
Total BTEX	<0.300	0.300	10/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/11/2024	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	10/11/2024	ND	226	113	200	4.93	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	222	111	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 6 (H246173-04)**

BTEX 8021B		mg/L		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2024	ND	2.05	103	2.00	4.21		
Toluene*	<0.050	0.050	10/10/2024	ND	2.00	99.8	2.00	3.75		
Ethylbenzene*	<0.050	0.050	10/10/2024	ND	2.02	101	2.00	3.65		
Total Xylenes*	<0.150	0.150	10/10/2024	ND	6.03	101	6.00	3.46		
Total BTEX	<0.300	0.300	10/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2024	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	10/10/2024	ND	193	96.7	200	3.34		
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	195	97.5	200	1.93		
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: SW - 7 (H246173-05)**

BTEX 8021B		mg/L		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/10/2024	ND	2.05	103	2.00	4.21		
Toluene*	<0.050	0.050	10/10/2024	ND	2.00	99.8	2.00	3.75		
Ethylbenzene*	<0.050	0.050	10/10/2024	ND	2.02	101	2.00	3.65		
Total Xylenes*	<0.150	0.150	10/10/2024	ND	6.03	101	6.00	3.46		
Total BTEX	<0.300	0.300	10/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-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	10/11/2024	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	10/10/2024	ND	193	96.7	200	3.34		
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	195	97.5	200	1.93		
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

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October 16, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RIGEL 20 FED 3

Enclosed are the results of analyses for samples received by the laboratory on 10/10/24 12:23.

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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 1' (H246174-01)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	10/10/2024	ND	2.05	103	2.00	4.21	
<b>Toluene*</b>	<b>19.0</b>	1.00	10/10/2024	ND	2.00	99.8	2.00	3.75	
<b>Ethylbenzene*</b>	<b>26.7</b>	1.00	10/10/2024	ND	2.02	101	2.00	3.65	
<b>Total Xylenes*</b>	<b>73.1</b>	3.00	10/10/2024	ND	6.03	101	6.00	3.46	
<b>Total BTEX</b>	<b>119</b>	6.00	10/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>2060</b>	50.0	10/10/2024	ND	193	96.7	200	3.34	
<b>DRO &gt;C10-C28*</b>	<b>32700</b>	50.0	10/10/2024	ND	195	97.5	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>6040</b>	50.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 469 % 48.2-134

Surrogate: 1-Chlorooctadecane 800 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 2' (H246174-02)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>62.5</b>	2.00	10/11/2024	ND	2.05	103	2.00	4.21	
<b>Toluene*</b>	<b>329</b>	2.00	10/11/2024	ND	2.00	99.8	2.00	3.75	
<b>Ethylbenzene*</b>	<b>162</b>	2.00	10/11/2024	ND	2.02	101	2.00	3.65	
<b>Total Xylenes*</b>	<b>336</b>	6.00	10/11/2024	ND	6.03	101	6.00	3.46	
<b>Total BTEX</b>	<b>889</b>	12.0	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>7680</b>	50.0	10/10/2024	ND	193	96.7	200	3.34	
<b>DRO &gt;C10-C28*</b>	<b>19500</b>	50.0	10/10/2024	ND	195	97.5	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>3240</b>	50.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 600 % 48.2-134

Surrogate: 1-Chlorooctadecane 316 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 3' (H246174-03)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>14.2</b>	0.500	10/11/2024	ND	2.05	103	2.00	4.21	
<b>Toluene*</b>	<b>56.5</b>	0.500	10/11/2024	ND	2.00	99.8	2.00	3.75	
<b>Ethylbenzene*</b>	<b>25.5</b>	0.500	10/11/2024	ND	2.02	101	2.00	3.65	
<b>Total Xylenes*</b>	<b>48.8</b>	1.50	10/11/2024	ND	6.03	101	6.00	3.46	
<b>Total BTEX</b>	<b>145</b>	3.00	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>813</b>	10.0	10/10/2024	ND	193	96.7	200	3.34	
<b>DRO &gt;C10-C28*</b>	<b>1660</b>	10.0	10/10/2024	ND	195	97.5	200	1.93	
<b>EXT DRO &gt;C28-C36</b>	<b>254</b>	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 143 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 4' (H246174-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>18.7</b>	1.00	10/14/2024	ND	2.06	103	2.00	3.05	QM-07
<b>Toluene*</b>	<b>117</b>	1.00	10/14/2024	ND	2.18	109	2.00	1.56	QM-07
<b>Ethylbenzene*</b>	<b>59.8</b>	1.00	10/14/2024	ND	2.34	117	2.00	4.77	QM-07
<b>Total Xylenes*</b>	<b>113</b>	3.00	10/14/2024	ND	7.05	118	6.00	6.13	QM-07
<b>Total BTEX</b>	<b>308</b>	6.00	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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
<b>Chloride</b>	<b>32.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>3600</b>	50.0	10/10/2024	ND	193	96.7	200	3.34		
<b>DRO &gt;C10-C28*</b>	<b>9470</b>	50.0	10/10/2024	ND	195	97.5	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>1620</b>	50.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 262 % 48.2-134

Surrogate: 1-Chlorooctadecane 161 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 5' (H246174-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>40.7</b>	2.00	10/14/2024	ND	2.06	103	2.00	3.05	
<b>Toluene*</b>	<b>215</b>	2.00	10/14/2024	ND	2.18	109	2.00	1.56	
<b>Ethylbenzene*</b>	<b>96.2</b>	2.00	10/14/2024	ND	2.34	117	2.00	4.77	
<b>Total Xylenes*</b>	<b>183</b>	6.00	10/14/2024	ND	7.05	118	6.00	6.13	
<b>Total BTEX</b>	<b>535</b>	12.0	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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
<b>Chloride</b>	<b>32.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>5730</b>	50.0	10/10/2024	ND	193	96.7	200	3.34		
<b>DRO &gt;C10-C28*</b>	<b>12200</b>	50.0	10/10/2024	ND	195	97.5	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>2020</b>	50.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 385 % 48.2-134

Surrogate: 1-Chlorooctadecane 198 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 6' (H246174-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>54.8</b>	2.00	10/14/2024	ND	2.06	103	2.00	3.05	
<b>Toluene*</b>	<b>259</b>	2.00	10/14/2024	ND	2.18	109	2.00	1.56	
<b>Ethylbenzene*</b>	<b>114</b>	2.00	10/14/2024	ND	2.34	117	2.00	4.77	
<b>Total Xylenes*</b>	<b>202</b>	6.00	10/14/2024	ND	7.05	118	6.00	6.13	
<b>Total BTEX</b>	<b>630</b>	12.0	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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
<b>Chloride</b>	<b>16.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>6410</b>	50.0	10/10/2024	ND	193	96.7	200	3.34		
<b>DRO &gt;C10-C28*</b>	<b>12600</b>	50.0	10/10/2024	ND	195	97.5	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>1910</b>	50.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 397 % 48.2-134

Surrogate: 1-Chlorooctadecane 200 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 7' (H246174-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>46.6</b>	2.00	10/14/2024	ND	2.06	103	2.00	3.05	
<b>Toluene*</b>	<b>233</b>	2.00	10/14/2024	ND	2.18	109	2.00	1.56	
<b>Ethylbenzene*</b>	<b>106</b>	2.00	10/14/2024	ND	2.34	117	2.00	4.77	
<b>Total Xylenes*</b>	<b>188</b>	6.00	10/14/2024	ND	7.05	118	6.00	6.13	
<b>Total BTEX</b>	<b>573</b>	12.0	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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
<b>Chloride</b>	<b>16.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>6920</b>	50.0	10/10/2024	ND	193	96.7	200	3.34		
<b>DRO &gt;C10-C28*</b>	<b>13200</b>	50.0	10/10/2024	ND	195	97.5	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>2180</b>	50.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 420 % 48.2-134

Surrogate: 1-Chlorooctadecane 212 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 8' (H246174-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>41.4</b>	2.00	10/14/2024	ND	2.06	103	2.00	3.05	
<b>Toluene*</b>	<b>217</b>	2.00	10/14/2024	ND	2.18	109	2.00	1.56	
<b>Ethylbenzene*</b>	<b>100</b>	2.00	10/14/2024	ND	2.34	117	2.00	4.77	
<b>Total Xylenes*</b>	<b>180</b>	6.00	10/14/2024	ND	7.05	118	6.00	6.13	
<b>Total BTEX</b>	<b>538</b>	12.0	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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
<b>Chloride</b>	<b>16.0</b>	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>5490</b>	50.0	10/10/2024	ND	193	96.7	200	3.34		
<b>DRO &gt;C10-C28*</b>	<b>10400</b>	50.0	10/10/2024	ND	195	97.5	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>1550</b>	50.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 331 % 48.2-134

Surrogate: 1-Chlorooctadecane 169 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 9' (H246174-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>37.8</b>	2.00	10/14/2024	ND	2.06	103	2.00	3.05	
<b>Toluene*</b>	<b>211</b>	2.00	10/14/2024	ND	2.18	109	2.00	1.56	
<b>Ethylbenzene*</b>	<b>101</b>	2.00	10/14/2024	ND	2.34	117	2.00	4.77	
<b>Total Xylenes*</b>	<b>182</b>	6.00	10/14/2024	ND	7.05	118	6.00	6.13	
<b>Total BTEX</b>	<b>533</b>	12.0	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	10/11/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>5750</b>	50.0	10/10/2024	ND	193	96.7	200	3.34		
<b>DRO &gt;C10-C28*</b>	<b>11400</b>	50.0	10/10/2024	ND	195	97.5	200	1.93		
<b>EXT DRO &gt;C28-C36</b>	<b>1710</b>	50.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 353 % 48.2-134

Surrogate: 1-Chlorooctadecane 182 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 10' (H246174-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>4.57</b>	0.200	10/14/2024	ND	2.06	103	2.00	3.05	
<b>Toluene*</b>	<b>29.2</b>	0.200	10/14/2024	ND	2.18	109	2.00	1.56	
<b>Ethylbenzene*</b>	<b>9.09</b>	0.200	10/14/2024	ND	2.34	117	2.00	4.77	
<b>Total Xylenes*</b>	<b>13.8</b>	0.600	10/14/2024	ND	7.05	118	6.00	6.13	
<b>Total BTEX</b>	<b>56.7</b>	1.20	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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
<b>Chloride</b>	<b>64.0</b>	16.0	10/11/2024	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
<b>GRO C6-C10*</b>	<b>161</b>	10.0	10/10/2024	ND	193	96.7	200	3.34	
<b>DRO &gt;C10-C28*</b>	<b>72.6</b>	10.0	10/10/2024	ND	195	97.5	200	1.93	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	10/10/2024	Sampling Date:	10/10/2024
Reported:	10/16/2024	Sampling Type:	Soil
Project Name:	RIGEL 20 FED 3	Sampling Condition:	Cool & Intact
Project Number:	248823	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY CO, NM		

**Sample ID: DS - 1 11' (H246174-11)**

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	10/14/2024	ND	2.06	103	2.00	3.05		
Toluene*	<0.050	0.050	10/14/2024	ND	2.18	109	2.00	1.56		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.34	117	2.00	4.77		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	7.05	118	6.00	6.13		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	10/11/2024	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	10/10/2024	ND	193	96.7	200	3.34		
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	195	97.5	200	1.93		
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Company Name: **NTGE** **BILL TO** P.O. #: **213557562** ANALYSIS REQUEST

Project Manager: **Ethan Sessums** Company: **Devon**

Address: **209 West McCleary St** Attn: **Devon**

City: **Carlsbad** State: **NM** zip: **88220** Address: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_ City: \_\_\_\_\_

Project #: **248823** Project Owner: **Devon** State: \_\_\_\_\_ Zip: \_\_\_\_\_

Project Location: **Rigel 20 CTB 3** Phone #: \_\_\_\_\_

Sampler Name: **Kentny H, Clayford T** Fax #: \_\_\_\_\_

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				

<b>H246174</b>	05-1		6									16/10		BTEX												
	05-1		1			X																				
	05-1		1																							
	05-1		1																							
	05-1		1																							
	05-1		1																							
	05-1		1																							
	05-1		1																							
	05-1		1																							

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Relinquished By: \_\_\_\_\_ Date: **10/10** Received By: **Jessica DeBry**

Relinquished By: \_\_\_\_\_ Date: **12:23** Received By: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: **3.8** Sample Condition:  Intact  Cool  Yes  No

Sampler - UPS - Bus - Other: Corrected Temp. °C: **3.2** CHECKED BY: **JD**

Turnaround Time: **Standard** Bacteria (only) Sample Condition:  Intact  Cool  Yes  No

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



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

QUESTIONS

Action 404548

**QUESTIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2416525018
Incident Name	NAPP2416525018 RIGEL 20 FED 3H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2130625022] RIGEL 20 FED 3H BATTERY

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	RIGEL 20 FED 3H BATTERY
Date Release Discovered	06/12/2024
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Crude Oil   Released: 14 BBL   Recovered: 2 BBL   Lost: 12 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	Lease Operator saw an active oil leak on an oil line connected to the VRT. All production was shut in to stop the leak. Truck called to recover oil on pad. 2 bbls recovered.

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QUESTIONS, Page 2

Action 404548

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<b>A vacuum truck was dispatched to recover oil on pad. Two bbls recovered.</b>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 11/19/2024
--	--

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

QUESTIONS, Page 3

Action 404548

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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 75 and 100 (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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 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)	592
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	27890
GRO+DRO (EPA SW-846 Method 8015M)	22990
BTEX (EPA SW-846 Method 8021B or 8260B)	97.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0.6

*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	08/26/2024
On what date will (or did) the final sampling or liner inspection occur	09/26/2024
On what date will (or was) the remediation complete(d)	10/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	414
What is the estimated volume (in cubic yards) that will be remediated	70

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*  
*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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**1220 S. St Francis Dr.**  
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QUESTIONS, Page 4

Action 404548

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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@dmv.com Date: 07/17/2024
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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.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 404548

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Major facility piping and would cause the facility to be shutdown.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	344
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	140
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	RIGEL 20 FED 3H BATTERY [fAPP2130625022]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 11/19/2024

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**State of New Mexico**  
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QUESTIONS, Page 6

Action 404548

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>390663</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>10/10/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>15</b>
What was the sampling surface area in square feet	<b>1200</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 404548

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 404548
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place	3/6/2025