



209 W. McKay Street
Carlsbad, New Mexico 88220
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April 22, 2025

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

Re: Site Characterization and Remediation Work Plan
Devon Energy Production Company
Boundary Raider 6-7 Federal Com #211H
Unit D, Section 6, Township 23S, Range 32E
Site Coordinates: 32.339248, -103.720365
Lea County, New Mexico
Incident ID: nAPP2504130500

Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for release number: nAPP2504130500– Boundary Raider 6-7 Federal Com #211H (Site). The Site is in Unit Letter D, Section 6, of Township 23 South and Range 33 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.339248° N latitude and 103.720365° 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 February 7, 2025, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately twenty-one (21) barrels (bbls) of crude oil of which twenty (20) bbls were recovered for an approximate net loss of one (1) bbls of crude oil. The release area is shown on Figure 3.

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Groundwater and Site Characterization

Based on a review with the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) there is one known water well (C 04936) that was drilled in 2025, to a depth of fifty-five (55) feet (ft) below ground surface (bgs) where no ground water was 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 Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low 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)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and 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

Notes:

--- = not defined

Initial Soil Delineation Assessment Summary and Findings

On March 24, 2025, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Six (6) vertical sample points (V-1 through V-6) were installed within the release area, while ten (10) horizontal sample points (H-1 through H-10) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) intervals from depths ranging from zero (0) to four and a half (4.5) feet (ft) below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox[®] and deionized water between soil samples to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (method SM4500Cl-B or EPA 300.0). Analytical results indicated BTEX, TPH, and/or chloride concentrations were above NMOCD Table I Closure Criteria for soil samples V-1, V-3, and V-5 from surface to half a foot (0.5) ft bgs, V-2 and V-4 from surface to one and a half (1.5) ft, and V-6 from surface to two and a half (2.5) ft bgs. All other horizontal sample analytes were below NMOCD standards.

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Analytical results are included in Table 1, while soil boring locations are shown on Figure 3. The initial C-141, laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Proposed Work Plan

After receiving and evaluating the soil boring data NTGE proposes to excavate the areas of V-1, V-3, and V-5 to a depth of one (1) ft bgs, the area of V-2 and V-4 excavated to a depth of two (2) ft bgs, and the area of V-6 to a depth of three (3) ft bgs to ensure that impacts exceeding the Table I criteria for 55 ft ground water are removed. NTGE proposes that all impacts from surface to four (4) ft bgs below the updated sampling criteria be left in situ and handled upon reclamation of the site. Approximately 329 cubic yards of impacted material will be excavated and transported offsite for disposal at an NMOCD approved landfill. The proposed excavation map is shown on Figure 4.

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

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

Sincerely,
NTG Environmental



Ethan Sessums
Jr. Field Ops Manager

Attachments:

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

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Boundary Raider 6-7 Federal Com #211H
Devon Energy Production, LP
Lea 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)	
								Table 1 Closure Criteria for Soil 55-100 feet Depth to Groundwater 19.15.29 NMAC					
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg			
Vertical Delineation Samples													
V-1	3/24/2025	0-6"	<0.500	10.4	18.8	107	137	1,540	8,130	9,670	1,150	10,820	7,280
	3/24/2025	1-1.5	0.112	2.23	1.31	7.42	11.1	140	828	968	162	1,130	336
	3/24/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	61.0	61.0	<10.0	61.0	96.0
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
V-2	3/24/2025	0-6"	<0.500	10.2	19.2	109	138	1,570	8,380	9,950	1,200	11,150	6,400
	3/24/2025	1-1.5	0.467	8.39	4.55	20.1	33.5	591	2,060	2,651	402	3,053	608
	3/24/2025	2-2.5	<0.050	0.110	0.056	0.470	0.635	14.9	216	230.9	28.9	259.8	128
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.9	25.9	<10.0	25.9	160
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	52.0	52.0	<10.0	52.0	112
V-3	3/24/2025	0-6"	21.6	145	56.3	241	464	5,290	16,200	21,490	3,030	24,520	6,400
	3/24/2025	1-1.5	0.130	0.736	0.309	2.36	3.54	35.5	489.0	524.5	89	613.5	320
	3/24/2025	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.0	15.0	<10.0	15.0	160
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
	3/24/2025	4-4.5	<0.050	0.054	<0.050	0.172	0.226	<10.0	115	115	19.5	134.5	448
V-4	3/24/2025	0-6"	21.6	130	49.1	218	418.7	4,370	20,400	24,770	4,290	29,060	12,200
	3/24/2025	1-1.5	0.096	1.13	0.779	5.10	7.10	112	1,110	1,222	228	1,450	1,180
	3/24/2025	2-2.5	<0.050	<0.050	<0.050	0.198	0.198	<10.0	132	132	28.8	160.8	288
	3/24/2025	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	3/24/2025	4-4.5	<0.050	0.156	0.128	0.778	1.062	21.9	290	311.9	55.4	367.3	608
V-5	3/24/2025	0-6"	<2.00	27.5	16.2	74.4	118	1,470	4,040	5,510	742	6,252	1,200
	3/24/2025	1-1.5	<0.050	0.171	0.118	0.640	0.929	14.8	192	206.8	34.1	240.9	176
	3/24/2025	2-2.5	<0.050	0.345	0.369	2.04	2.754	66.8	633	699.8	131	830.8	1,540
	3/24/2025	3-3.5	<0.050	0.074	0.091	0.624	0.789	19.8	428	448	88.3	536	896
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.8	34.8	<10.0	34.8	96.0
V-6	3/24/2025	0-6"	<0.050	0.687	1.14	7.41	9.237	341	26,900	27,241	7,270	34,511	11,000
	3/24/2025	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.2	18.2	<10.0	18.2	96.0
	3/24/2025	2-2.5	0.093	2.14	1.73	9.00	13.0	177	1,470	1,647	308	1,955	448
	3/24/2025	3-3.5	<0.050	0.155	0.152	0.952	1.26	23.4	649	672.4	184	856.4	400
	3/24/2025	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	51.6	51.6	19.2	70.8	192

Table 1
Summary of Soil Analytical Data - Delineation Samples
Boundary Raider 6-7 Federal Com #211H
Devon Energy Production, LP
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Table I Closure Criteria for Soil 55-100 feet Depth to Groundwater 19.15.29 NMAC													
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Horizontal Delineation Samples													
H-1	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.3	26.3	13.4	39.7	288
H-2	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	97.3	97.3	45.1	142.4	400
H-3	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.9	29.9	10.5	40.4	272
H-4	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	130	130	32.9	162.9	496
H-5	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	87.2	87.2	21.8	109	416
H-6	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	97.4	97.4	27.6	125	384
H-7	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	178	178.0	58.9	236.9	560
H-8	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	140	140.0	39.4	179.4	448
H-9	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	75.7	75.7	14.7	90.4	384
H-10	3/24/2025	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	73.7	73.7	19.0	92.7	336

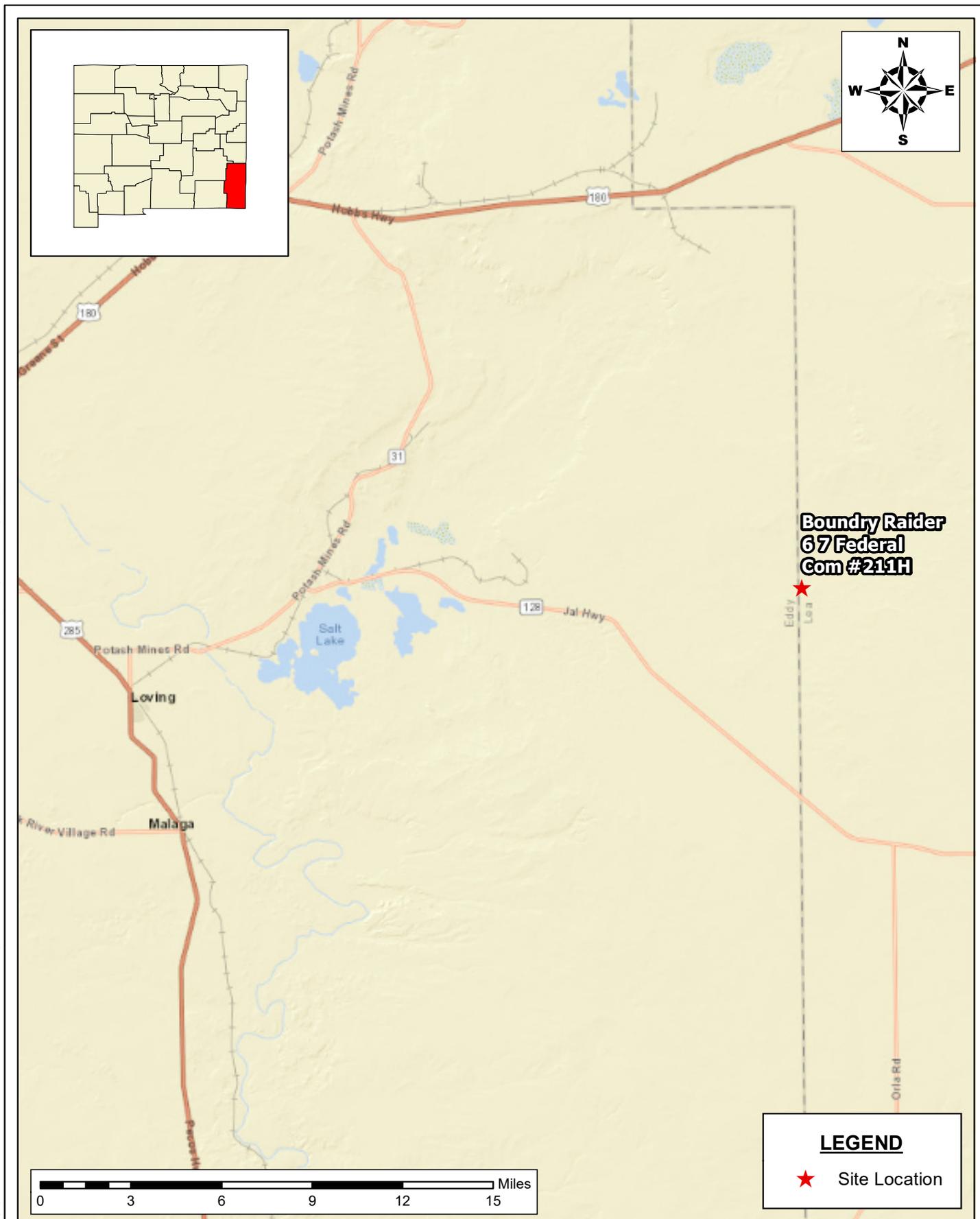
Notes:

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

SP-1 Sample Point Excavated

FIGURES

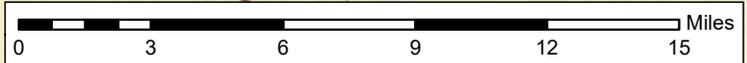
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**Boundary Raider
67 Federal
Com #211H**

LEGEND

★ Site Location



**SITE LOCATION MAP
SITE CHARACTERIZATION AND
REMEDIATION WORKPLAN
BOUNDARY RAIDER 6-7 FED COM 211H
DEVON ENERGY PRODUCTION CORPORATION
LEA COUNTY, NEW MEXICO**

SCALE: As Shown Date: 2/12/2025 PROJECT #: 259740

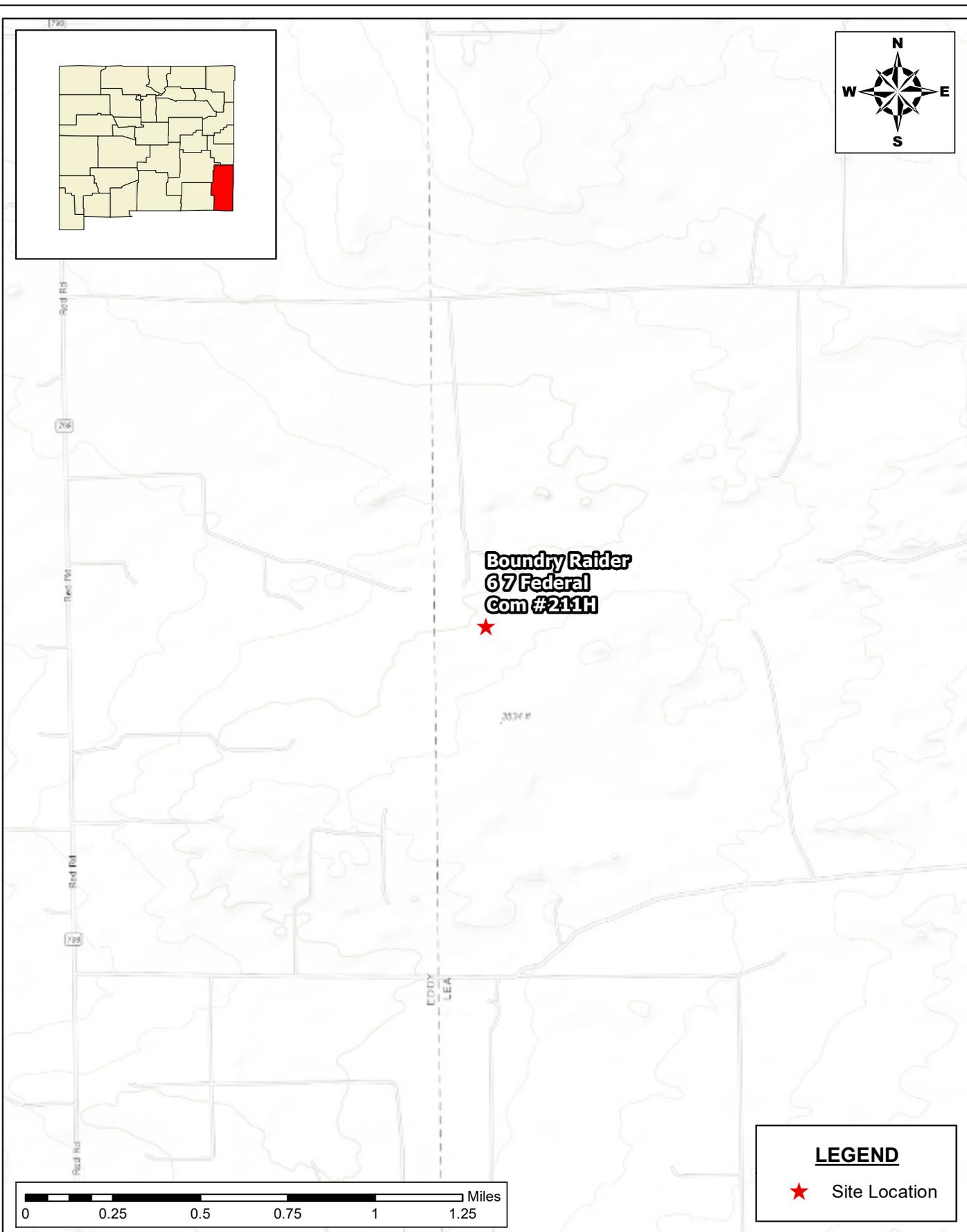
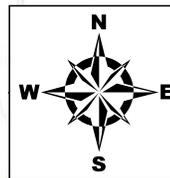
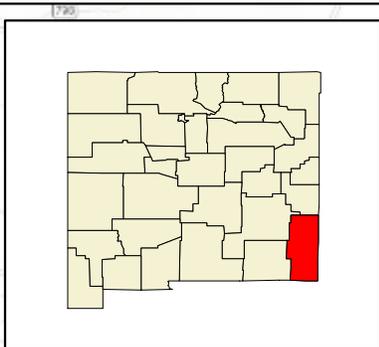
New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntgenviromental.com



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

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FIGURE 1
SHEET NUMBER:
1 of 1

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LEGEND

★ Site Location

**TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND
REMEDATION WORKPLAN**
BOUNDARY RAIDER 6-7 FED COM 211H
DEVON ENERGY PRODUCTION CORPORATION
LEA COUNTY, NEW MEXICO

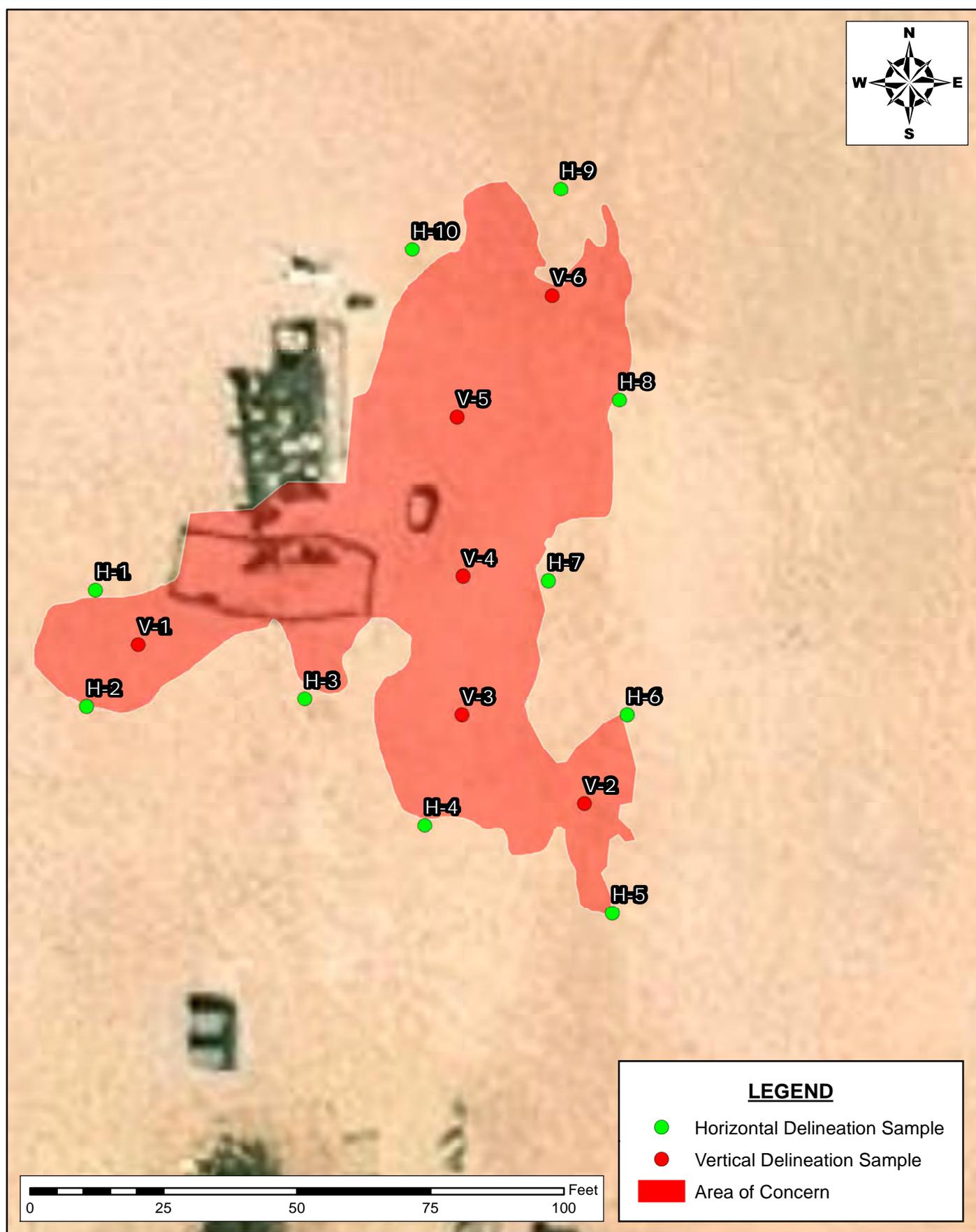
SCALE: As Shown Date: 2/12/2025 PROJECT #: 259740

 **NTG ENVIRONMENTAL**
New Tech Global Environmental, LLC
911 Regional Park Drive
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NOTES:
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FIGURE 2
SHEET NUMBER:
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LEGEND

- Horizontal Delineation Sample
- Vertical Delineation Sample
- Area of Concern

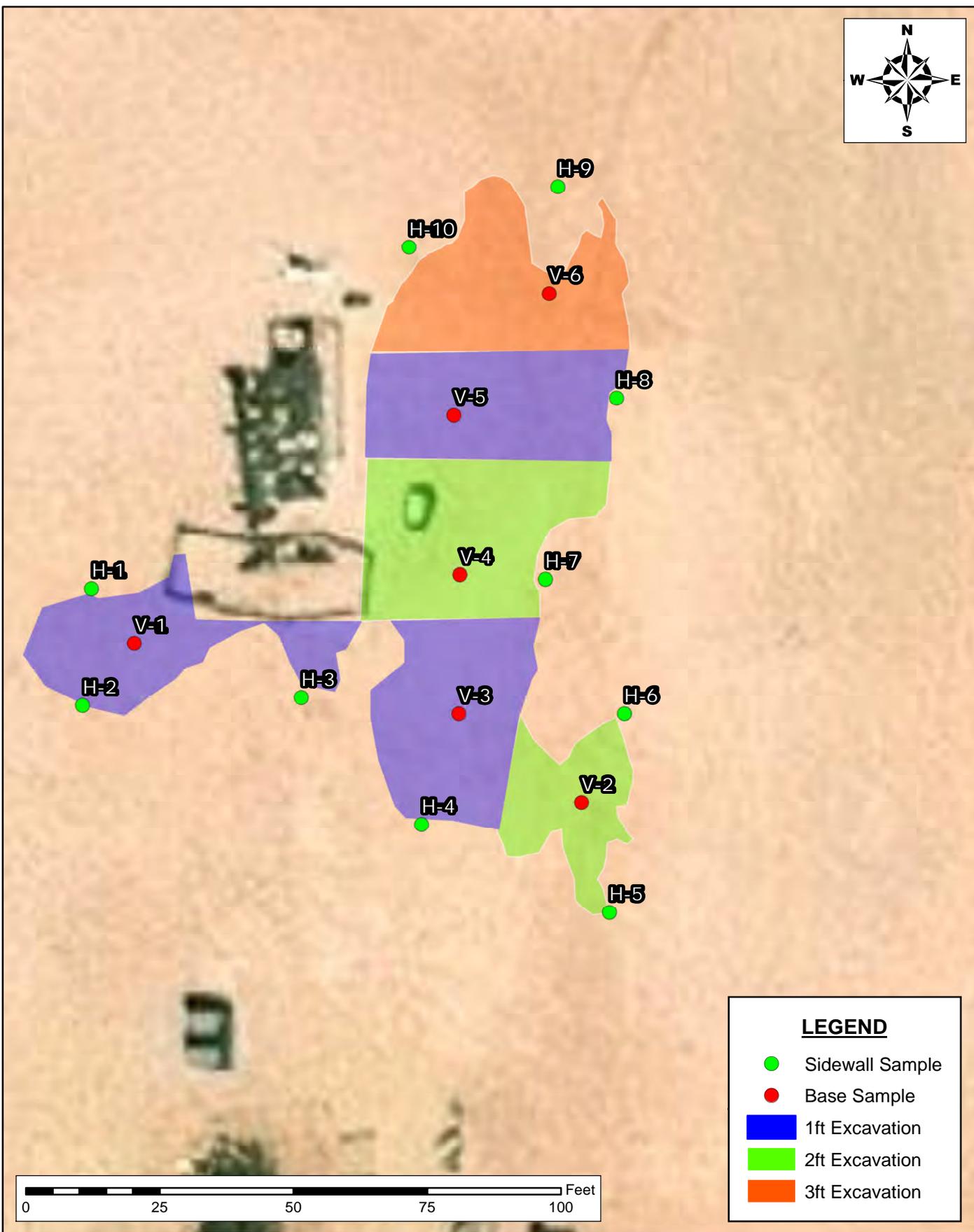
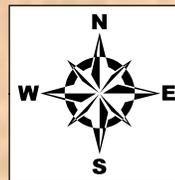
**INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND
REMEDIAL WORKPLAN**
DEVON ENERGY PRODUCTION COMPANY
BOUNDARY RAIDER 6-7 FEDERAL COM #211H
LEA COUNTY, NEW MEXICO


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2. Map Projection: NAD 1983

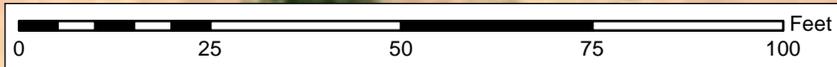
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FIGURE 3
SHEET NUMBER:
1 of 1

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LEGEND

- Sidewall Sample
- Base Sample
- 1ft Excavation
- 2ft Excavation
- 3ft Excavation



**PROPOSED EXCAVATION MAP
SITE CHARACTERIZATION AND
REMEDATION WORKPLAN**
DEVON ENERGY PRODUCTION COMPANY
BOUNDARY RAIDER 6-7 FEDERAL COM #211H
LEA COUNTY, NEW MEXICO


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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

SCALE: As Shown Date: 4/4/2025 PROJECT #:259740

Proposed Excavation Map

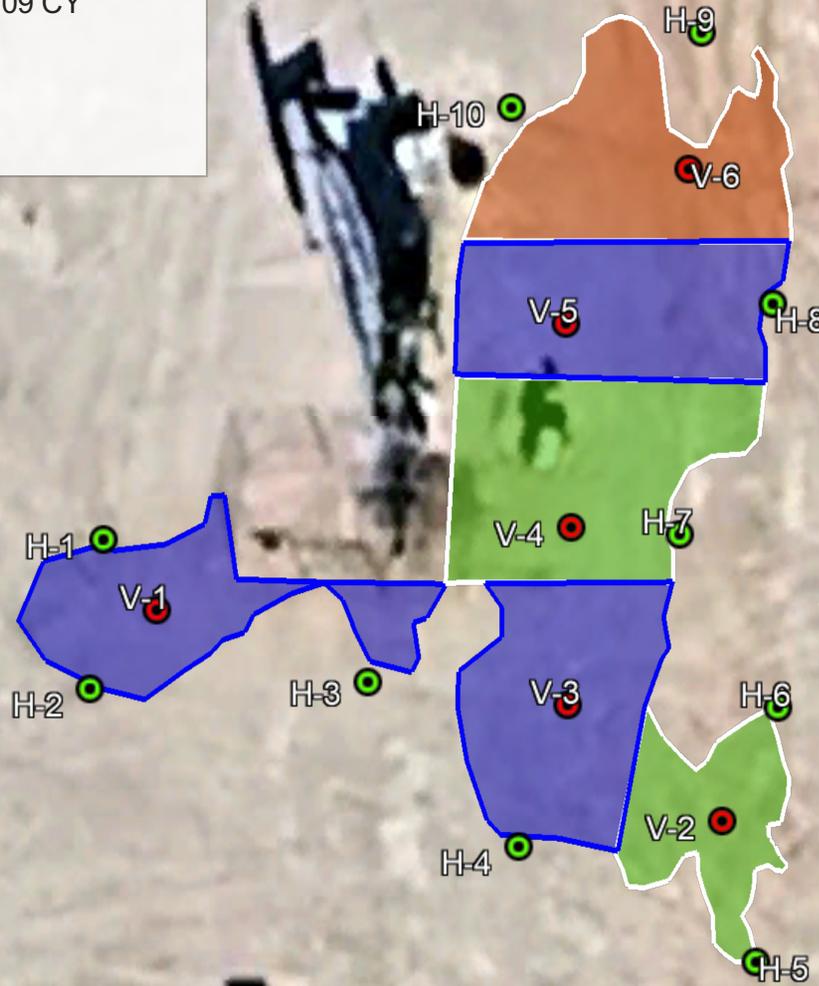
Devon Energy Production Company
Boundary Raider 6-7 Federal Com #211H
32.339243°, -103.720292°
Lea County, New Mexico

Area of Blue: 2,620 sqft x 1ft ~ 97 CY
Area of Green: 1,665 sqft x 2ft ~ 123 CY
Area of Orange: 983 sqft x 3ft ~ 109 CY
Total Excavated Volume: 329 CY

sqft - Square Feet
CY - Cubic Yardage

Legend

-  1ft Excavation
-  2ft Excavation
-  3ft Excavation
-  Horizontal Delineation Sample Point
-  Vertical Delineation Sample Point

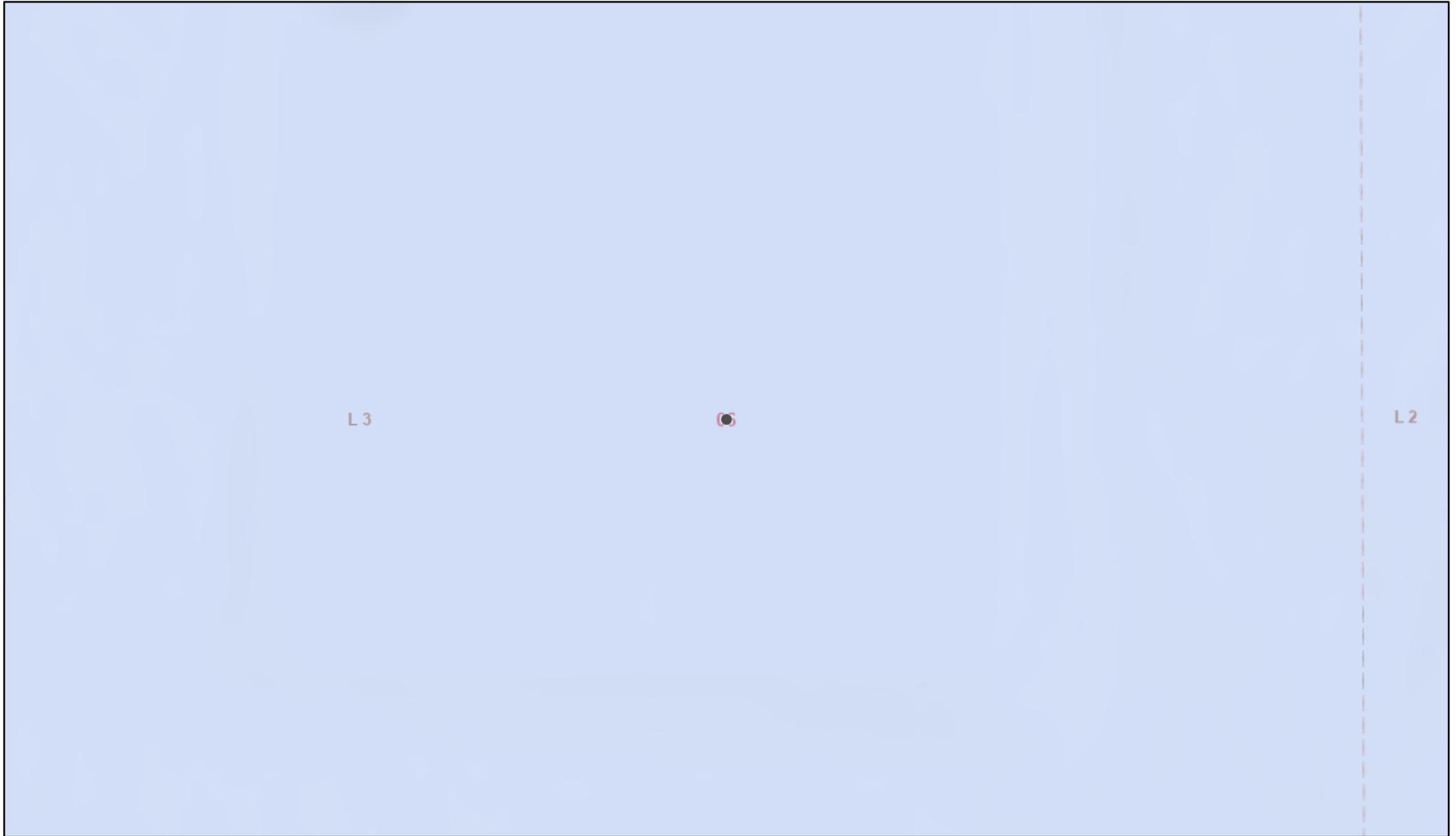


Google Earth



SITE CHARACTERIZATION INFORMATION

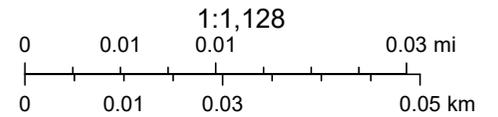
Karst Potential Map



2/12/2025, 9:17:17 AM

Karst Occurrence Potential

Low
 PLSS Second Division
 PLSS First Division



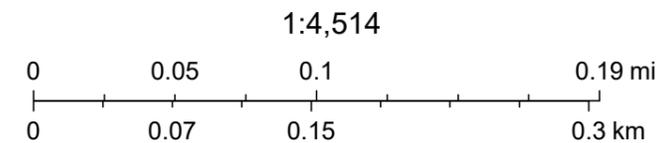
BLM, OCD, New Mexico Tech, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community, OCD, Esri Community Maps Contributors, New Mexico State University, Texas

OSE POD Location Map



4/22/2025, 11:46:28 AM

- Override 1
 - Plugged
 - Pending
 - Both Estates
- GIS WATERS PODs New Mexico State Trust Lands



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

I. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S) C-04936		
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-885-7541		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE	32	20			
	LONGITUDE	103	42	58.77	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE U/L C S-6 T-23S R-32E							

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862	NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC			
	DRILLING STARTED 2/25/25	DRILLING ENDED 2/25/25	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) DRY	DATE STATIC MEASURED 3/3/25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD				ADDITIVES - SPECIFY:			
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				No casing left in hole				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

Legend

All Layers On/Off
All Layer Transparency

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification
 [Map Icon]

Mapping Status
In Progress (Only NWI)
Not Mapped

Riparian Habitat
 Hydrogeomorphic Mapping (HGM) Linears
 Hydrogeomorphic Mapping (HGM)

Polygons
 Landscape Position and Water Body (LLWW) Linears
 Landscape Position and Water Body (LLWW) Polygons
 Landform (LLWW)

NWI Linears
Palustrine Emergent (PEM)
Palustrine Forested (PFO)
Palustrine Rock Bottom (PRB)
Palustrine Scrub Shrub (PSS)
Palustrine Unconsolidated (PUB, PUS)
Riverine (R2, R3, R4)

NWI Polygons
Lacustrine (L1, L2)
Palustrine Aquatic Bed (PAB)
Palustrine Emergent (PEM)
Palustrine Forested (PFO)
Palustrine Rock Bottom (PRB)
Palustrine Scrub Shrub (PSS)
Palustrine Unconsolidated (PUB, PUS)
Riverine (R2, R3, R4)

Aquatic Invertebrate Habitat (AIH) Linears
 Aquatic Invertebrate Habitat (AIH)

Polygons
 Bank and Shoreline Stabilization (BSS)

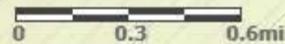
Linears
 Bank and Shoreline Stabilization (BSS)

Polygons
 Carbon Sequestration (CAR) Linears
 Carbon Sequestration (CAR) Polygons
 Fish Habitat (FH) Linears

Groundwater Recharge (GR) Linears



Lon: -103.72409°, Lat: 32.33291°



National Flood Hazard Layer FIRMMette



103°43'13"W 32°20'36"N



Legend

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

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

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

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

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

OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 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

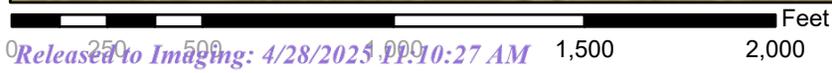


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 2/12/2025 at 3:05 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.



1:6,000

103°42'36"W 32°20'6"N



U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetlands Map



February 12, 2025

Wetlands

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

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Aerial View of release (Drone Imagery)



Photograph No. 2

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Aerial View of release (Drone Imagery)

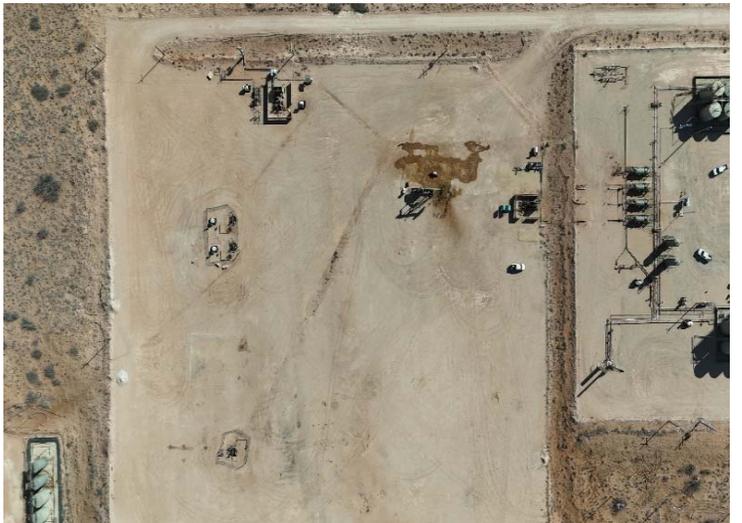


Photograph No. 3

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Aerial View of release (Drone Imagery)



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 5

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 6

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern

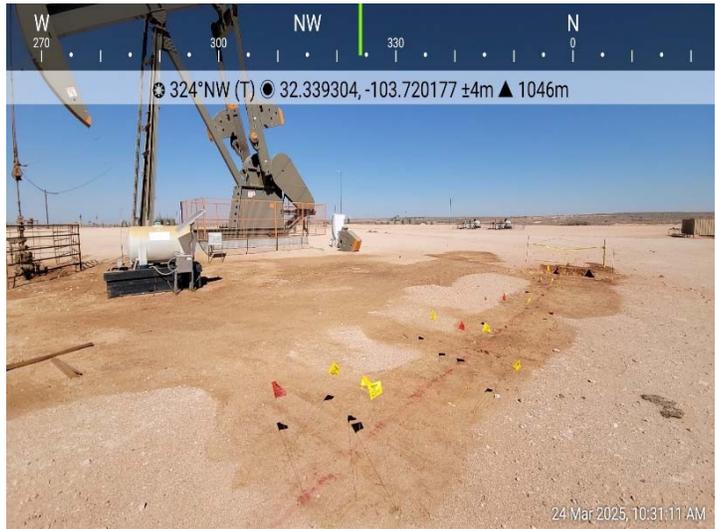


Photograph No. 8

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern

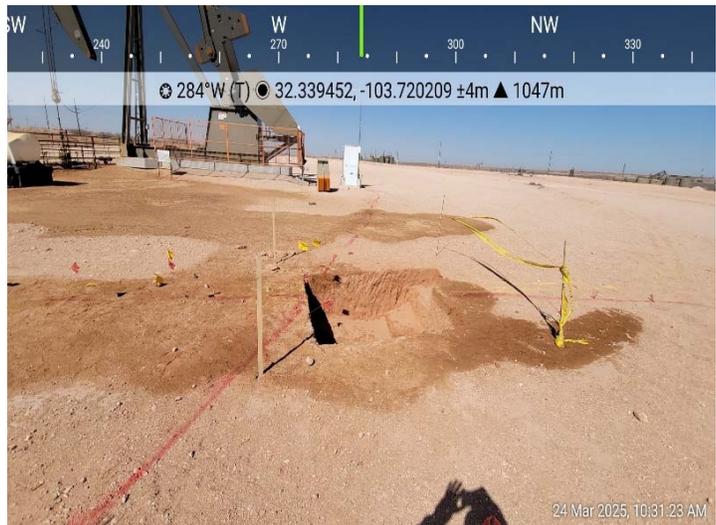


Photograph No. 9

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG

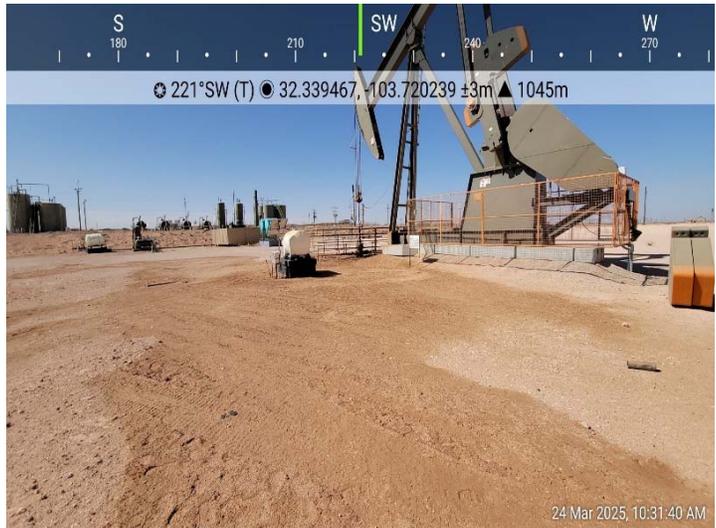
Devon Energy Production Company

Photograph No. 10

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 11

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 12

Facility: Boundary Raider 6-7 Federal Com #211H

County: Lea County, New Mexico

Description:
Area of Concern



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

March 28, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: BOUNDARY RAIDER 6 - 7 FED 211

Enclosed are the results of analyses for samples received by the laboratory on 03/24/25 13:48.

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.

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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 1 0-6" (H251709-01)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	10.4	0.500	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	18.8	0.500	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	107	1.50	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	137	3.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 166 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7280	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1540	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	8130	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	1150	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 271 % 44.4-145

Surrogate: 1-Chlorooctadecane 173 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 1 1-1.5' (H251709-02)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.112	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	2.23	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	1.31	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	7.42	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	11.1	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	140	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	828	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	162	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 114 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 1 2-2.5' (H251709-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	61.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 1 3-3.5' (H251709-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 1 4-4.5' (H251709-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.7 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 2 0-6" (H251709-06)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	10.2	0.500	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	19.2	0.500	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	109	1.50	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	138	3.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 169 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	03/25/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1570	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	8380	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	1200	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 274 % 44.4-145

Surrogate: 1-Chlorooctadecane 181 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 2 1-1.5' (H251709-07)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.467	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	8.39	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	4.55	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	20.1	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	33.5	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	591	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	2060	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	402	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 139 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 2 2-2.5' (H251709-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	0.110	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	0.056	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	0.470	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	0.635	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.9	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	216	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	28.9	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 2 3-3.5' (H251709-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	25.9	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.1 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 2 4-4.5' (H251709-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	52.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 99.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.8 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 3 0-6" (H251709-11)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.6	1.00	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	145	1.00	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	56.3	1.00	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	241	3.00	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	464	6.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	5290	100	03/26/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	16200	100	03/26/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	3030	100	03/26/2025	ND					

Surrogate: 1-Chlorooctane 594 % 44.4-145

Surrogate: 1-Chlorooctadecane 339 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 3 1-1.5' (H251709-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.130	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	0.736	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	0.309	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	2.36	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	3.54	0.300	03/26/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	35.5	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	489	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	89.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.0 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 3 2-2.5' (H251709-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	197	98.5	200	0.0462	
DRO >C10-C28*	15.0	10.0	03/25/2025	ND	186	93.0	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 3 3-3.5' (H251709-14)

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	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 3 4-4.5' (H251709-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	0.054	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	0.172	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	115	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	19.5	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.1 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 4 0-6" (H251709-16)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	21.6	1.00	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	130	1.00	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	49.1	1.00	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	218	3.00	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	418	6.00	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 137 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12200	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	4370	100	03/26/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	20400	100	03/26/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	4290	100	03/26/2025	ND					

Surrogate: 1-Chlorooctane 192 % 44.4-145

Surrogate: 1-Chlorooctadecane 318 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 4 1-1.5' (H251709-17)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.096	0.050	03/26/2025	ND	1.89	94.7	2.00	2.38	
Toluene*	1.13	0.050	03/26/2025	ND	1.97	98.5	2.00	1.32	
Ethylbenzene*	0.779	0.050	03/26/2025	ND	1.95	97.7	2.00	0.429	
Total Xylenes*	5.10	0.150	03/26/2025	ND	6.06	101	6.00	0.459	
Total BTEX	7.10	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	122	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	1110	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	228	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 4 2-2.5' (H251709-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.198	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	132	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	28.8	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 4 3-3.5' (H251709-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	<10.0	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.8 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 4 4-4.5' (H251709-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.156	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.128	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.778	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	1.06	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	21.9	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	290	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	55.4	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 5 0-6" (H251709-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	27.5	2.00	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	16.2	2.00	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	74.4	6.00	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	118	12.0	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1470	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	4040	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	742	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 142 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.5 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 5 1-1.5' (H251709-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.171	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.118	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.640	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	0.929	0.300	03/26/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.8	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	192	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	34.1	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 5 2-2.5' (H251709-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.345	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.369	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	2.04	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	2.76	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	66.8	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	633	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	131	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.9 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 5 3-3.5' (H251709-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.074	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.091	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.624	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	0.789	0.300	03/26/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	19.8	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	428	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	88.3	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.0 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 5 4-4.5' (H251709-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	34.8	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 80.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.5 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 6 0-6" (H251709-26)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.687	0.050	03/27/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	1.14	0.050	03/27/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	7.41	0.150	03/27/2025	ND	6.85	114	6.00	2.63	
Total BTEX	9.24	0.300	03/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 160 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	03/25/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	341	100	03/26/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	26900	100	03/26/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	7270	100	03/26/2025	ND					

Surrogate: 1-Chlorooctane 123 % 44.4-145

Surrogate: 1-Chlorooctadecane 541 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 6 1-1.5' (H251709-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	18.2	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.0 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 6 2-2.5' (H251709-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.093	0.050	03/27/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	2.14	0.050	03/27/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	1.73	0.050	03/27/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	9.00	0.150	03/27/2025	ND	6.85	114	6.00	2.63	
Total BTEX	13.0	0.300	03/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	177	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	1470	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	308	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 6 3-3.5' (H251709-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	0.155	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	0.152	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	0.952	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	1.26	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	23.4	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	649	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	184	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V - 6 4-4.5' (H251709-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	51.6	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	19.2	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.6 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 1 0-6" (H251709-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	26.3	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	13.4	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 65.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 2 0-6" (H251709-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	97.3	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	45.1	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 3 0-6" (H251709-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	190	95.2	200	0.102	
DRO >C10-C28*	29.9	10.0	03/25/2025	ND	171	85.6	200	2.26	
EXT DRO >C28-C36	10.5	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 86.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 4 0-6" (H251709-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	130	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	32.9	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 62.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.1 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 5 0-6" (H251709-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	87.2	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	21.8	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 67.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.4 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 6 0-6" (H251709-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	97.4	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	27.6	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.3 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 7 0-6" (H251709-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	1.97	98.5	2.00	3.93	
Toluene*	<0.050	0.050	03/26/2025	ND	2.03	102	2.00	0.633	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	114	2.00	2.45	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.85	114	6.00	2.63	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	178	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	58.9	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 72.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.7 % 40.6-153

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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 8 0-6" (H251709-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	2.08	104	2.00	10.7	
Toluene*	<0.050	0.050	03/26/2025	ND	2.12	106	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	113	2.00	2.41	QM-07
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.93	116	6.00	2.38	QM-07
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	140	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	39.4	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 9 0-6" (H251709-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	2.08	104	2.00	10.7	
Toluene*	<0.050	0.050	03/26/2025	ND	2.12	106	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	113	2.00	2.41	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.93	116	6.00	2.38	
Total BTEX	<0.300	0.300	03/26/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	75.7	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	14.7	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.8 % 40.6-153

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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:	03/24/2025	Sampling Date:	03/24/2025
Reported:	03/28/2025	Sampling Type:	Soil
Project Name:	BOUNDARY RAIDER 6 - 7 FED 211	Sampling Condition:	Cool & Intact
Project Number:	259740	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H - 10 0-6" (H251709-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/26/2025	ND	2.08	104	2.00	10.7	
Toluene*	<0.050	0.050	03/26/2025	ND	2.12	106	2.00	4.41	
Ethylbenzene*	<0.050	0.050	03/26/2025	ND	2.27	113	2.00	2.41	
Total Xylenes*	<0.150	0.150	03/26/2025	ND	6.93	116	6.00	2.38	
Total BTEX	<0.300	0.300	03/26/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/25/2025	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/25/2025	ND	192	95.8	200	3.35	
DRO >C10-C28*	73.7	10.0	03/25/2025	ND	182	91.2	200	2.51	
EXT DRO >C28-C36	19.0	10.0	03/25/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.1 % 40.6-153

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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, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: VTGE		BILL TO		P.O. #: 21510171		ANALYSIS REQUEST	
Project Manager: Ethun Sessums		Company: Decon		Attn: Jim Kaley			
Address: 204 W. Meloy St		State: NM zip: 88220		Address:			
City: Carlsbad		Project Owner: Decon		City:			
Phone #: 254-266-5456 Fax #:		State:		Zip:			
Project #: 254740		Project Name: Boundary Raider 6-7 Fed Com 211		Phone #:			
Project Location: Pea Co, NM		Sampler Name: Lenny Han		Fax #:			
FOR LAB USE ONLY		(G)RAB OR (C)OMP.		# CONTAINERS			
Lab I.D.		Sample I.D.		MATRIX			
185709		U-1		GROUNDWATER			
1		0-6"		WASTEWATER			
2		1-1.5'		SOIL			
3		2-2.5'		OIL			
4		3-3.5'		SLUDGE			
5		4-4.5'		OTHER:			
6		0-6"		ACID/BASE:			
7		1-1.5'		ICE / COOL			
8		2-2.5'		OTHER:			
9		3-3.5'		DATE			
10		4-4.5'		TIME			
Relinquished By:		Received By:		Turnaround Time:			
Date:		Date:		Standard			
Time:		Time:		Rush			
Relinquished By:		Received By:		Bacteria (only)			
Date:		Date:		Sample Condition			
Time:		Time:		Cool Intact			
Relinquished By:		Received By:		Observed Temp. °C			
Date:		Date:		Corrected Temp. °C			
Time:		Time:		Thermometer ID #140			
Relinquished By:		Received By:		Correction Factor +0.3°C			
Date:		Date:		Add'l Phone #:			
Time:		Time:		All Results are emailed. Please provide Email address:			
Relinquished By:		Received By:		REMARKS:			
Date:		Date:		Turnaround Time:			
Time:		Time:		Standard			
Relinquished By:		Received By:		Rush			
Date:		Date:		Bacteria (only)			
Time:		Time:		Sample Condition			
Relinquished By:		Received By:		Cool Intact			
Date:		Date:		Observed Temp. °C			
Time:		Time:		Corrected Temp. °C			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGF		P.O. #: 21510171	
Project Manager: Ethun Sessums		Company: Beun	
Address: 209 W. McKay St		Attn: Tim Raley	
City: Cuyabada		Address:	
State: NM zip: 88220		City:	
Phone #: 254-266-5456 Fax #:		State:	
Project #: 259740 Project Owner: Beun		Zip:	
Project Name: Bandung Raider 6-7 Fed Com 211		Phone #:	
Project Location: Lea Co, NM		Fax #:	
Sampler Name: Kenny Hun		MATRIX	
FOR LAB USE ONLY		PRESERV	
Lab I.D.		SAMPLE	
Sample I.D.		DATE	
Sample I.D.		TIME	
Sample I.D.		ANALYSIS REQUEST	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS REQUEST
11	V-3		1			X					X		3/24		BTEX
12	V-3		1			X					X		3/24		PH
13	V-3		1			X					X		3/24		Chloride
14	V-4		1			X					X		3/24		
15	V-4		1			X					X		3/24		
16	V-4		1			X					X		3/24		
17	V-4		1			X					X		3/24		
18	V-4		1			X					X		3/24		
19	V-4		1			X					X		3/24		
20	V-4		1			X					X		3/24		

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Relinquished By: _____ Received By: **Speckinover**

Date: **3/24/25** Time: **1348**

Observed Temp. °C: **34** Corrected Temp. °C: **3.7**

Turnaround Time: **Standard** **Rush**

Thermometer ID #140 Correction Factor +0.3°C

Bacteria (only) Sample Condition: Cool Intact

Observed Temp. °C: _____ Corrected Temp. °C: _____

Verbal Results: Yes No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____

REMARKS: _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: ETHAN NTGE Project Manager: Ethun Sessions Address: 209 W. Meloy St City: Corkland State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: _____ Project #: 254740 Project Owner: Revon Project Name: Barbury Raider 6-7 Fed Con 211 Project Location: Fed Co, NM Sampler Name: Wenny Keene FOR LAB USE ONLY		P.O. #: 21510171 Company: Revon Attn: Jim Raley Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. HAS1709 Sample I.D.		BILL TO	
21 V-5 23 V-5 24 V-6 25 V-6 26 V-6 27 V-6 28 V-6 29 V-6 30 V-6		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER MATRIX SOIL OIL SLUDGE OTHER: PRESERV ACID/BASE: ICE / COOL OTHER: DATE TIME	
0-6" 1-1.5' 2-2.5' 3-3.5' 4-4.5' 0-6" 1-1.5' 2-2.5' 3-3.5' 4-4.5'		ANALYSIS REQUEST	
Relinquished By: _____ Date: 3/24/25 Time: 1348		Received By: Stedrick Mey Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C: 34 Corrected Temp. °C: 37.2		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) _____ Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Thermometer ID #140 Correction Factor +0.3°C	
REMARKS: _____ Verbal Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____		BTEX TPH Chloride	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTGE</u>		P.O. #: <u>21510171</u>		BILL TO ANALYSIS REQUEST	
Project Manager: <u>Ethun Serrano</u>		Company: <u>Brown</u>			
Address: <u>209 W. Meloy St</u>		Attn: <u>Jim Raley</u>			
City: <u>Cadehill</u>		Address:			
Phone #: <u>254-266-5456</u> Fax #:		City:			
Project #: <u>254740</u> Project Owner: <u>Brown</u>		State:			
Project Name: <u>Bonjour Raider 6-7 Fed Com 211</u>		State:			
Project Location: <u>Fea Co, NM</u>		Phone #:			
Sampler Name: <u>Kenny Huan</u>		Fax #:			
FOR LAB USE ONLY					
Lab I.D. <u>H351709</u>	Sample I.D. <u>D-6</u>	(G)RAB OR (C)OMP.	# CONTAINERS	DATE	TIME
H-1 31 32 33 34 35 36 37 38 39 40	H-1 H-2 H-3 H-4 H-5 H-6 H-7 H-8 H-9 H-10	0 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	3/24	3:41 3:42 3:43 3:44 3:45 3:46 3:47 3:48 3:49 3:50
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Relinquished By:		Received By: <u>Steele Keene</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished Date:		Received Date:		All Results are emailed. Please provide Email address:	
Relinquished Time:		Received Time:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C: <u>3.4</u>		CHECKED BY: <u>(initials)</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C: <u>3.7</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Turnaround Time:		Thermometer ID #140		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Correction Factor +0.3°C		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Observed Temp. °C	
Corrected Temp. °C		Observed Temp. °C		Corrected Temp. °C	

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

QUESTIONS

Action 455064

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504130500
Incident Name	NAPP2504130500 BOUNDARY RAIDER 6 7 FEDERAL COM #211H @ 30-025-44145
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-44145] BOUNDARY RAIDER 6 7 FEDERAL COM #211H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #211H
Date Release Discovered	02/07/2025
Surface Owner	Federal

Incident Details	
<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

Nature and Volume of Release	
<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 Well Crude Oil Released: 21 BBL Recovered: 20 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Stuffing box failure released fluids to pad surface.

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QUESTIONS, Page 2

Action 455064

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

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@dnv.com Date: 04/23/2025
--	--

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QUESTIONS, Page 3

Action 455064

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 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)	12200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	34511
GRO+DRO (EPA SW-846 Method 8015M)	27241
BTEX (EPA SW-846 Method 8021B or 8260B)	464
Benzene (EPA SW-846 Method 8021B or 8260B)	21.6

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	05/19/2025
On what date will (or did) the final sampling or liner inspection occur	05/23/2025
On what date will (or was) the remediation complete(d)	05/30/2025
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	5268
What is the estimated volume (in cubic yards) that will be remediated	329

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

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

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QUESTIONS, Page 4

Action 455064

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2025
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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/oecd/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 455064

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 455064

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information

Last sampling notification (C-141N) recorded	{Unavailable.}
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Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	----

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CONDITIONS

Action 455064

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455064
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Confirmation samples should be collected every 200 ft2. The work will need to occur in 90 days after the work plan has been reviewed.	4/28/2025