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July 23, 2025

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

Re: Site Characterization and Remediation Closure Request
Devon Energy Production Company
Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1
Unit H, Section 23, Township 19S, Range 31E
Site Coordinates: 32.647379, -103.833283
Eddy County, New Mexico
Incident ID: nAPP2427861348

Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Closure Request 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: nAPP2427861348 – Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1 (Site). The Site is in Unit Letter H, Section 23, of Township 19 South and Range 31 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.647379° N latitude and 103.833283° 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 October 2, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in, and repairs ensued. The spill resulted in a release of approximately seven (7) barrels (bbls) of produced water of which four (4) bbls were recovered for an approximate net loss of three (3) bbls of produced water. The release area is shown on Figure 3.

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Groundwater and Site Characterization

On February 24, 2025, H&R Enterprises, LLC (H&R) installed a temporary well (C-02050), on the south side of the Mimosa 24 Federal Com #002H well pad, to determine the depth to groundwater. The well was left open for a minimum of 72 hours. On March 3, 2025, NTGE utilized a water probe to determine the presence or absence of groundwater. No groundwater was detected, and the temporary well was plugged and abandoned. 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, Restoration, Reclamation, and Revegetation from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12) and Title 19, Chapter 15, Part 29, Section 13 (NMAC 19.15.29.13).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	>105

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 (>4ft bgs)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.23.13 Restoration, Reclamation, and Revegetation for Soils Impacted by a Release (0<4 ft bgs)	600 mg/kg	---	100 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Initial Soil Delineation Assessment Summary and Findings

On October 8, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Four (4) vertical sample points (V-1 through V-4) were installed within the release area, while eight (8) horizontal sample points (H-1 through H-8) 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) 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-

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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 chloride concentrations were above NMOCD standards for all vertical sample points at depths ranging from surface to four and a half (4.5) ft bgs. Furthermore, TPH concentrations were above NMOCD standards for V-1 at depths ranging from surface to two and a half (2.5) ft bgs, and V-4 at three to three and a half (3-3.5) ft bgs. All horizontal sample analytes were below NMOCD standards.

On November 7, 2024, NTGE returned to the Site to continue with the vertical delineation assessment of the release. A total of three (3) test pits (TP-1 to TP-3) were installed within the release area and were collected at one (1) ft intervals at depths ranging from four (4) to seventeen (17) ft bgs utilizing mechanical equipment. Soil samples were delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride. Analytical results indicated that chloride concentrations exceed NMOCD standards at TP-1 at four (4) and six (6) ft bgs, TP-2 at a depth of six (6) ft bgs, and TP-3 at a depth of five (5) and eight (8) ft bgs.

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.

Remedial Action Activities and Confirmation Sampling

After receiving and evaluating the soil boring data Devon contracted a subcontractor to excavate the areas of V-1/TP-3 to a depth of nine (9) ft bgs, V-2, V-3/TP-2, and V-4/TP-1 to a depth of seven (7) ft bgs to ensure that the impacted soil has been removed from the Site.

On March 25, 2025, NTGE was onsite to collect a total of seven (7) base confirmation samples (CS-1 to CS-7) and ten (10) sidewall samples (SW-1 to SW-10) to verify that impacts have been removed. Soil sample analytics indicated that two base samples (CS-4 and CS-7) exhibited chloride concentrations above NMOCD standards. All other samples were below NMOCD standards.

After further remedial actions on April 4, 2025, NTGE was onsite to collect a total of two (2) Base samples (CS-4 and CS-7) and two sidewall samples (SW-11 and SW-12) to verify that impacts have been removed from the site. Soil sample analytics indicated that all samples were below NMOCD standards for the site.

Analytical results are included in Table 2, while confirmation sampling locations are shown on Figure 4. The laboratory reports containing analytical methods and chain-of-custody documents are attached to the end of the report.

Confirmation samples were taken as a five (5) point composite sample and represented an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.23.13. Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX, TPH, and chloride.

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Based on the site assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. NTGE, on behalf of Devon, formally requests a no further action designation for the Site.

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

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TABLE

Table 1
Summary of Soil Analytical Data - Delineation Samples
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg			
Vertical Delineation Samples													
V-1	10/8/2024	0-6"	<0.200	0.251	1	3.51	4.76	132	1,480	1,612	302	1,914	10,000
	10/8/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9,600
	10/8/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	116	116	23.2	139.2	12,000
	10/8/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,800
	10/8/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.6	24.6	<10.0	24.6	11,000
V-2	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.6	47.6	13.2	60.8	14,000
	10/8/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,200
	10/8/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,600
	10/8/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	19,200
	10/8/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	40.4	40.4	11.0	51.4	21,200
V-3	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,800
	10/8/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,800
	10/8/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,800
	10/8/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16,000
	10/8/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.1	12.1	<10.0	12.1	17,400
V-4	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.6	37.6	<10.0	37.6	12,600
	10/8/2024	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14,400
	10/8/2024	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,800
	10/8/2024	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	94.8	94.8	12.1	106.9	13,400
	10/8/2024	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16,800
TP-1	11/7/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	23,200
	11/7/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16,000
	11/7/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	20,800
	11/7/2024	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,600
	11/7/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
	11/7/2024	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	11/7/2024	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
TP-2	11/7/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	18,600
	11/7/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	17,600
	11/7/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	20,600
	11/7/2024	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,000
	11/7/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,240
	11/7/2024	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.2	18.2	<10.0	18.2	3,440
	11/7/2024	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,070
	11/7/2024	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
	11/7/2024	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0

Table 1
Summary of Soil Analytical Data - Delineation Samples
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
TP-3	11/7/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	17,600
	11/7/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	27,000
	11/7/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,000
	11/7/2024	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14,600
	11/7/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	22,800
	11/7/2024	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,480
	11/7/2024	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,760
	11/7/2024	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10,400
	11/7/2024	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,150
	11/7/2024	13'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
	11/7/2024	14'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
	11/7/2024	15'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
11/7/2024	16'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784	
11/7/2024	17'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
Horizontal Delineation Samples													
H-1	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-2	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-3	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-4	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-5	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-6	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-7	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
H-8	10/8/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-4

Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
Devon Energy Production Company
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Base Samples													
CS-1	3/25/2025	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.8	95.8	10.2	106	7,200
CS-2	3/25/2025	9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.9	95.9	14.5	110.4	15,800
CS-3	3/25/2025	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.8	44.8	<10.0	44.8	18,000
CS-4	3/25/2025	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	23,600
	4/4/2025	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
CS-5	3/25/2025	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	76.4	76.4	14.7	91.1	9,600
CS-6	3/25/2025	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	90.1	90.1	17.0	107.1	9,000
CS-7	3/25/2025	7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	82.8	82.8	19.7	102.5	20,000
	4/4/2025	8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
Sidewall Samples													
SW-1	3/25/2025	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-2	3/25/2025	0-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-3	3/25/2025	0-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-4	3/25/2025	0-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-5	3/25/2025	0-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-6	3/25/2025	0-7	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-7	3/25/2025	7-9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-8	3/25/2025	0-9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-9	3/25/2025	0-9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-10	3/25/2025	0-9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-11	4/4/2025	7-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
SW-12	4/4/2025	7-8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640

Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

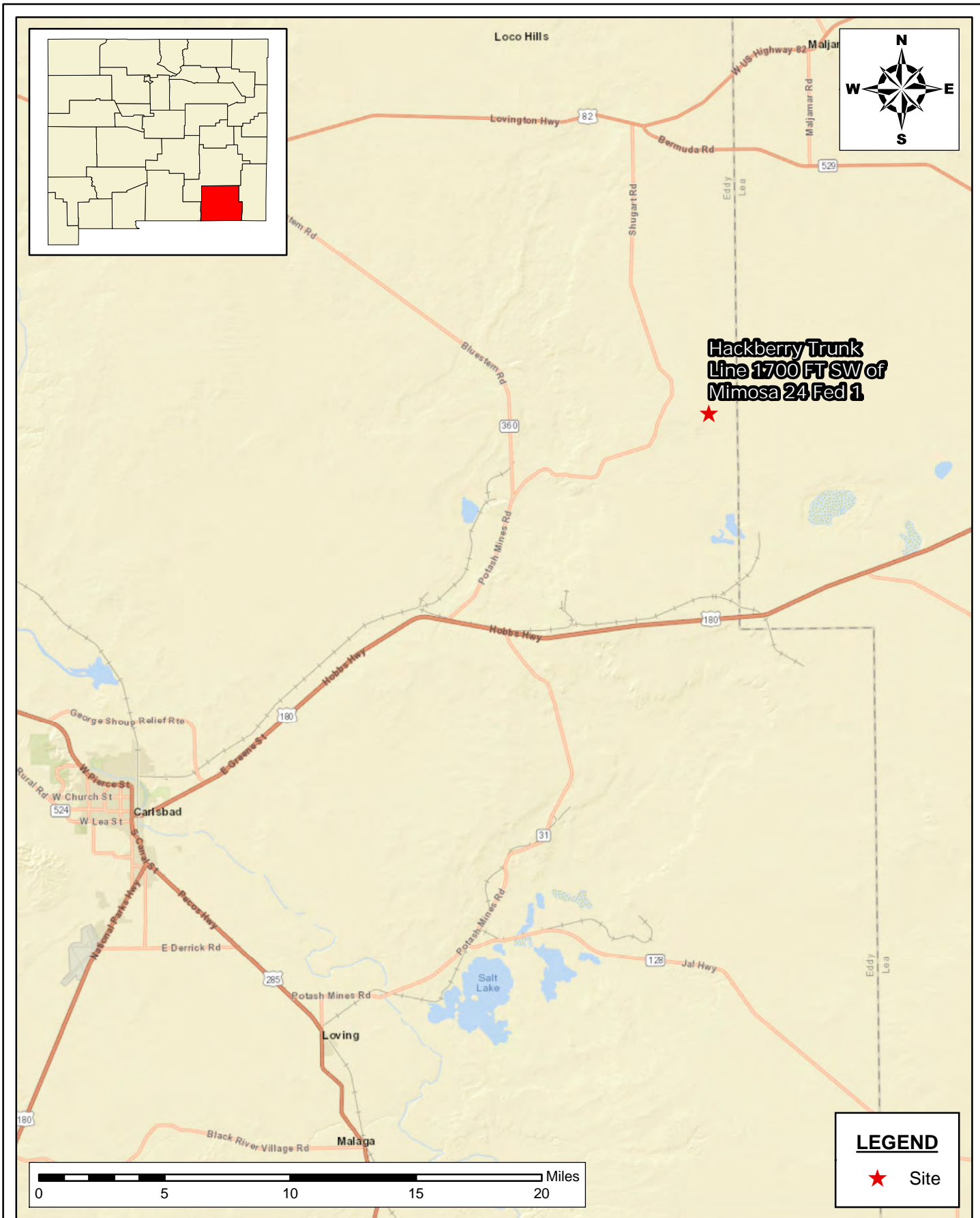
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-1 Sample Point Excavated

FIGURES

Document Path: C:\Users\ntg\Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC249221 - Hackberry to Mimosa\7 - Figures\GIS\Figure_1_SL.mxd



**SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST**

DEVON ENERGY PRODUCTION COMPANY
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 11/20/2024

PROJECT #:249221



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

NOTES:

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

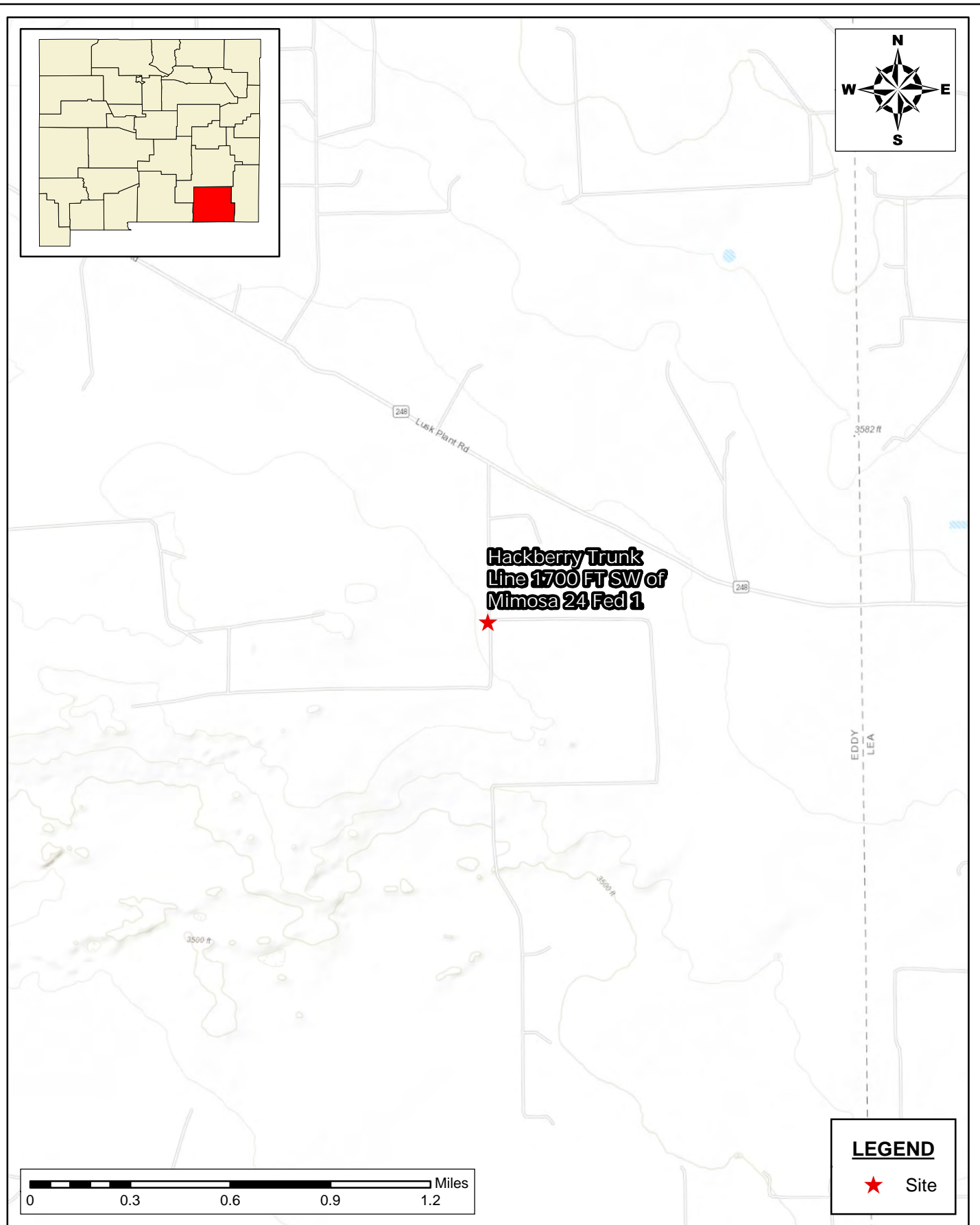
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC249221 - Hackberry to Mimosa\7 - Figures\GIS\Figure_2_TM.mxd



TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
 DEVON ENERGY PRODUCTION COMPANY
 HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
 EDDY COUNTY, NEW MEXICO

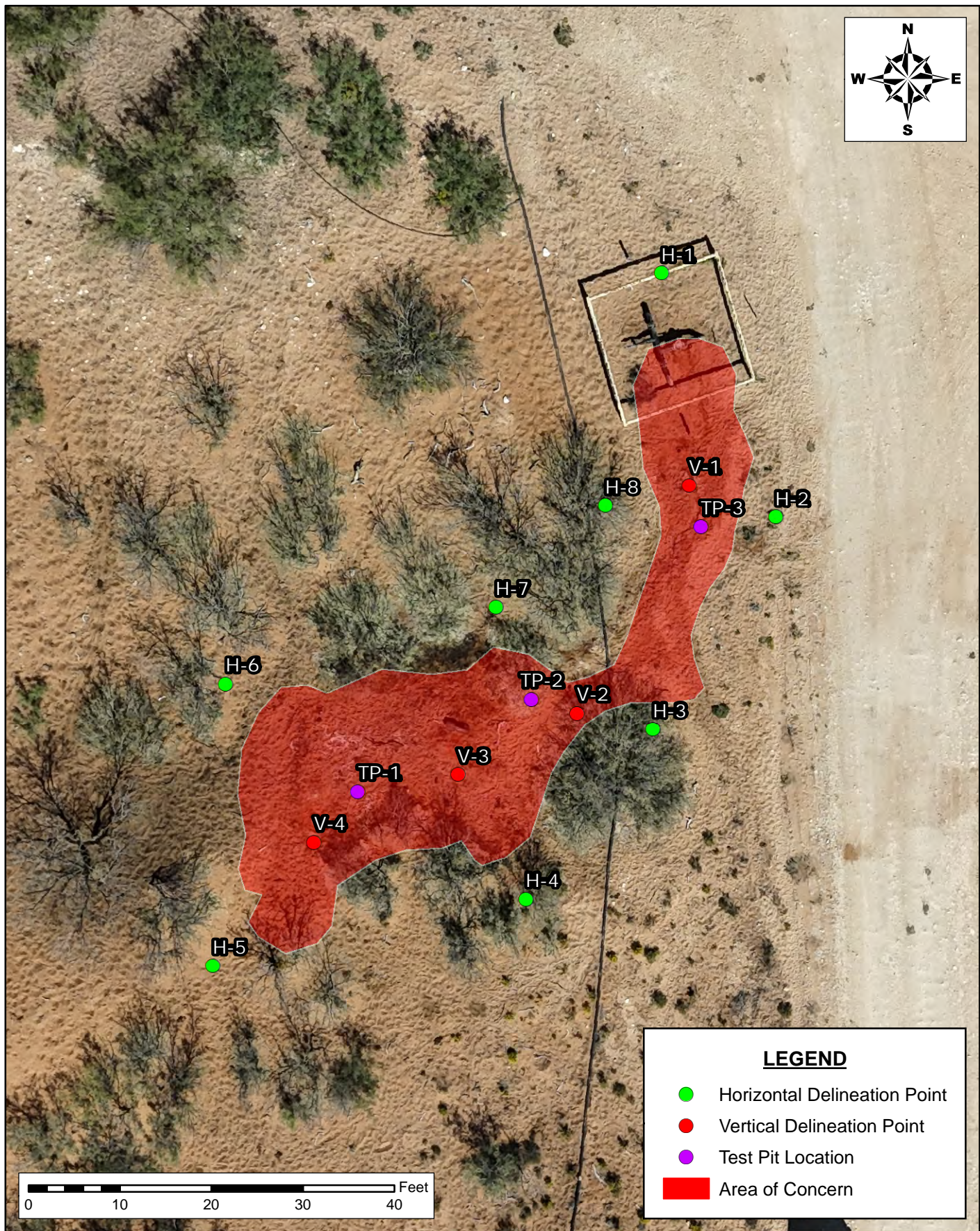
SCALE: As Shown	Date: 11/20/2024	PROJECT #:249221
-----------------	------------------	------------------


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

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

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntgeis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC\249221 - Hackberry to Mimosa\7 - Figures\GIS\Figure_3_1A.mxd



INITIAL ASSESSMENT MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST
DEVON ENERGY PRODUCTION COMPANY
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 11/20/2024 PROJECT #:249221

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



NOTES:

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

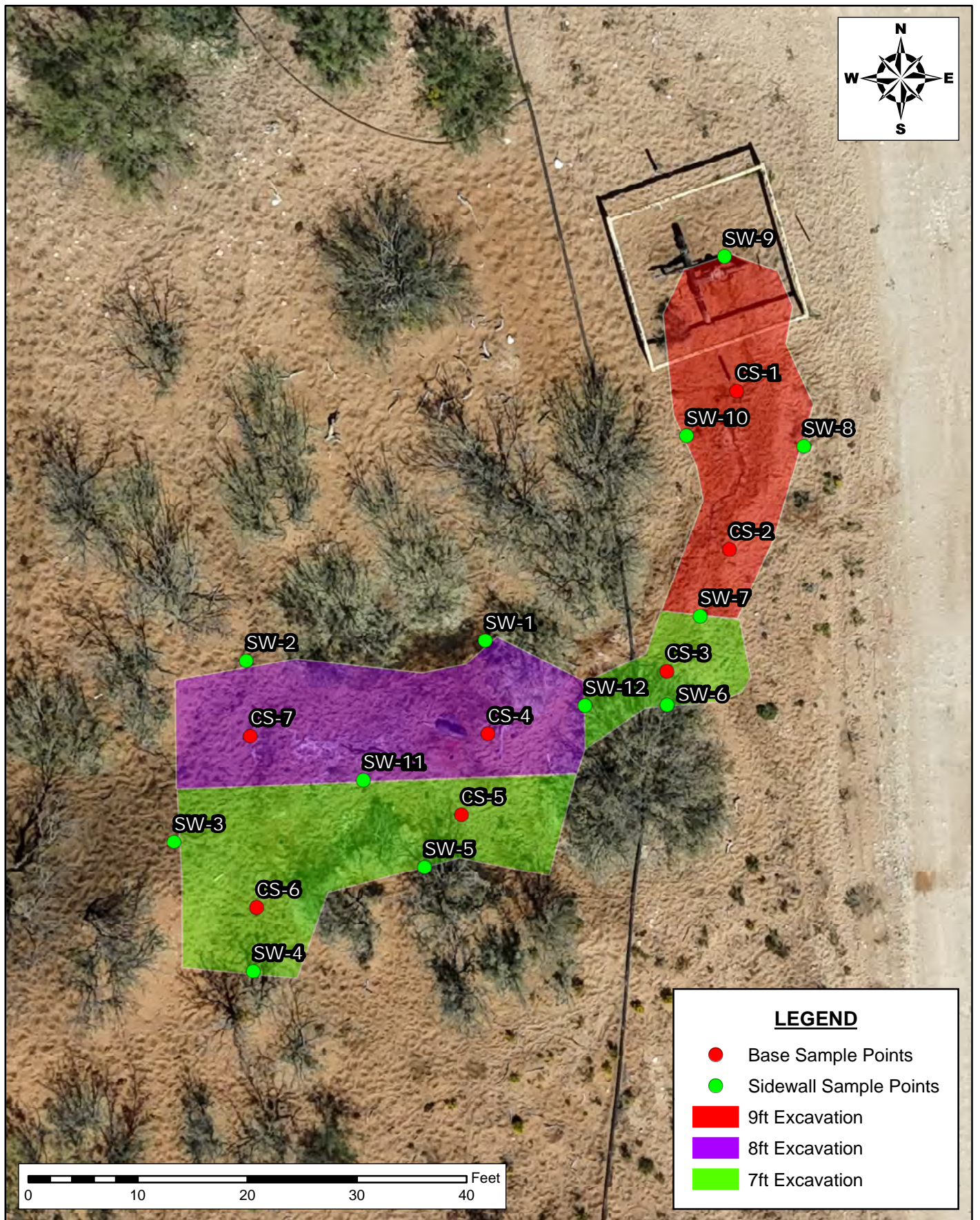
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\DEVON\IRSC249221 - Hackberry to Mimosa\7 - Figures\GIS\Figure_4_CS.mxd



**CONFIRMATION SAMPLING MAP
SITE CHARACTERIZATION AND REMEDIATION
CLOSURE REQUEST**

DEVON ENERGY PRODUCTION COMPANY
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 4/30/2025

PROJECT #:249221



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

NOTES:

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

DRAWING NUMBER:

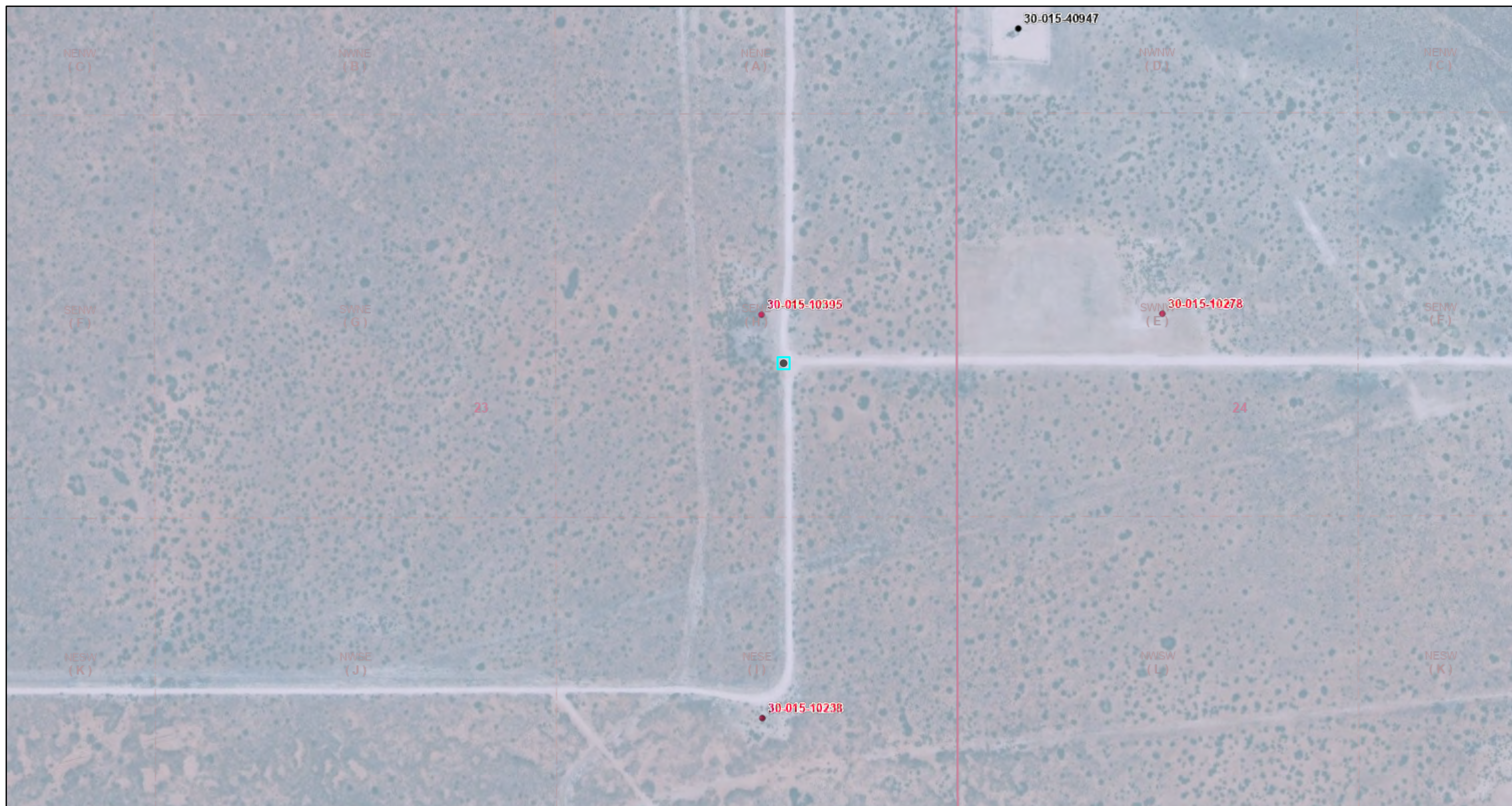
FIGURE 4

SHEET NUMBER:

1 of 1

SITE CHARACTERIZATION DOCUMENTATION

Karst Potential Map



10/25/2024, 9:32:46 AM

Wells - Large Scale

Karst Occurrence Potential

11

PLSS First Division

•

Oil, Active

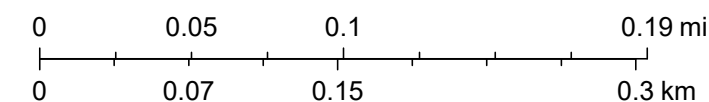
Low

Oil, Plugged

□ □ □

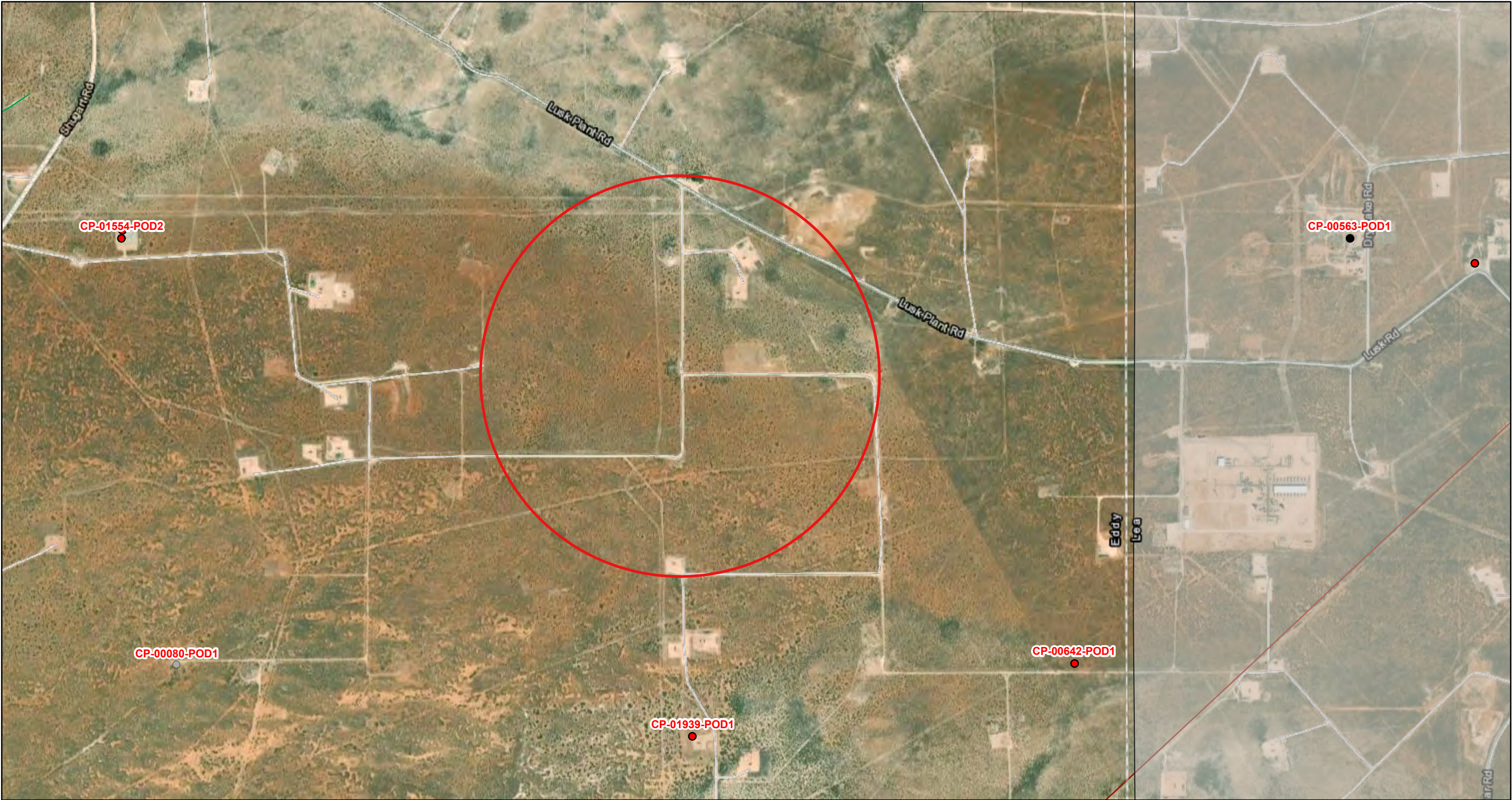
PLSS Second Division

1:4,514



BLM, OCD, New Mexico Tech, Oil Conservation Division
of the New Mexico Energy, Minerals and Natural
Resources Department., USGS, OCD, Esri, HERE,
Garmin, iPC, Maxar, NM OSE, BLM

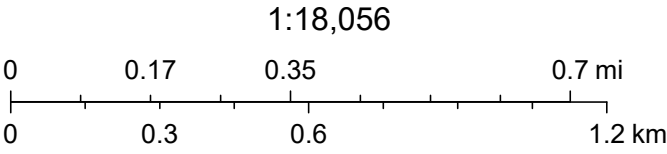
OSE POD Location Map



10/25/2024, 9:31:48 AM

- Override 1
- GIS WATERS PODs
- Inactive
- Plugged
- OSE District Boundary

- Water Right Regulations
- Closure Area
- New Mexico State Trust Lands
- Subsurface Estate
- NHD Flowlines
- Pipeline
- Stream River



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S) C-02050		
	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 32	MINUTES 39	SECONDS 00.44	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	49	50.76	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NWNW S-4 T-19S R-31E							
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 2/24/25	DRILLING ENDED 2/24/25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	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 3/4/25	
	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) FROM TO		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)
				No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

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

FOR OSE INTERNAL USE

FILE NO.

POD NO.

TRN NO.

LOCATION

WELL TAG ID NO.

PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5 TEST, PIC SUPERVISION

STUDY Aims

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 2 OF 2	

- For each interval plugged, describe within the following columns:**

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

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

Signature of Well Driller

Date _____



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-02050 Pod-1

Well owner: Devon Energy Phone No.: _____

Mailing address: 5315 Buena Vista Dr.

City: Carlsbad State: NM Zip code: 88220

II. WELL PLUGGING INFORMATION:

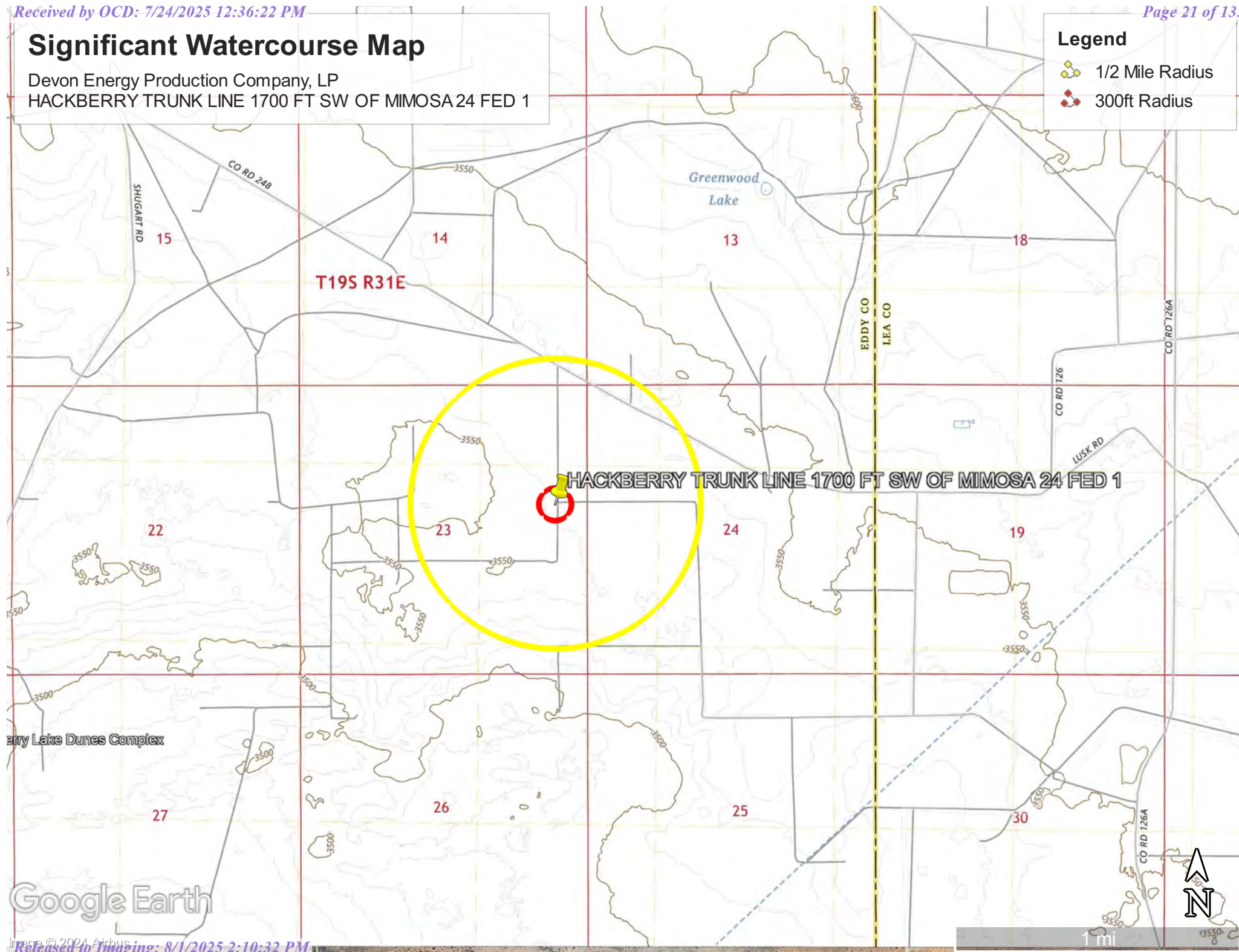
- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Nathan Smelcer
- 4) Date well plugging began: 3/4/25 Date well plugging concluded: 3/4/25
- 5) GPS Well Location: Latitude: 32 deg, 39 min, 00.44 sec
Longitude: 103 deg, 49 min, 50.76 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: DRY ft below ground level (bgl),
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: DRY ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 1/31/25
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

Significant Watercourse Map

Devon Energy Production Company, LP
HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1

Legend

- 1/2 Mile Radius
- 300ft Radius



Google Earth

Legend Basemap Query Source

1:144,448

Legend

All Layers On/Off

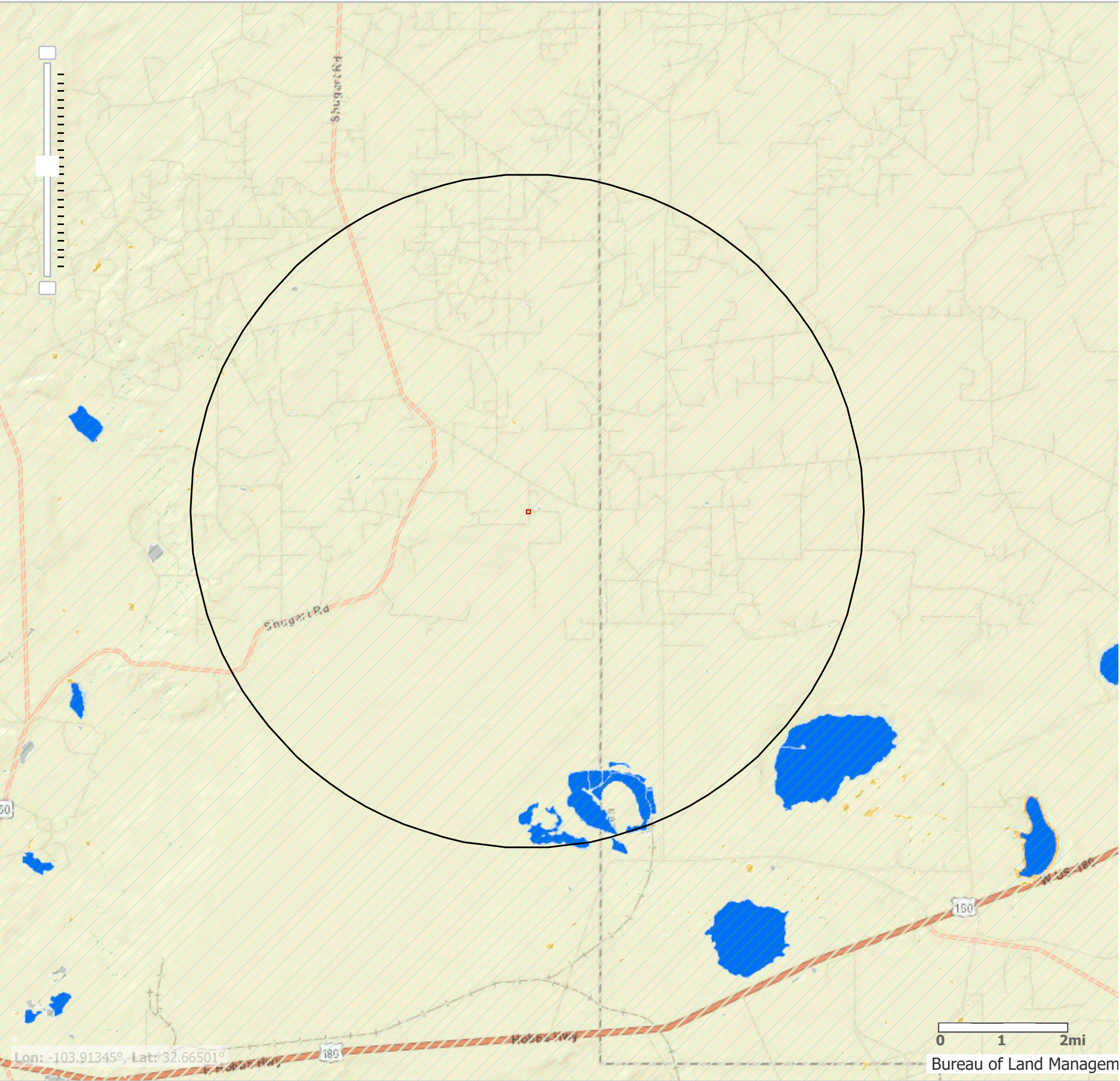
☐ All Layer Transparency ☐

NM Wetlands Mapping and Classification

NM Wetlands Mapping and Classification

☐

- 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
- Fish Habitat (FH) Polygons
- Groundwater Recharge (GR) Linears
- Groundwater Recharge (GR) Polygons
- Nutrient Transformation (NT) Linears
- Nutrient Transformation (NT) Polygons



National Flood Hazard Layer FIRMette



103°50'19"W 32°39'6"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°49'41"W 32°38'35"N

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

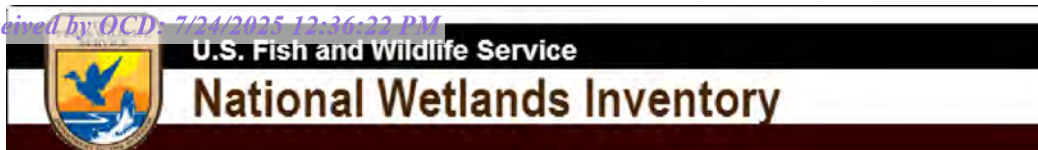


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 **11/15/2024 at 4:14 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Wetlands



November 15, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

PHOTOGRAPHIC LOG

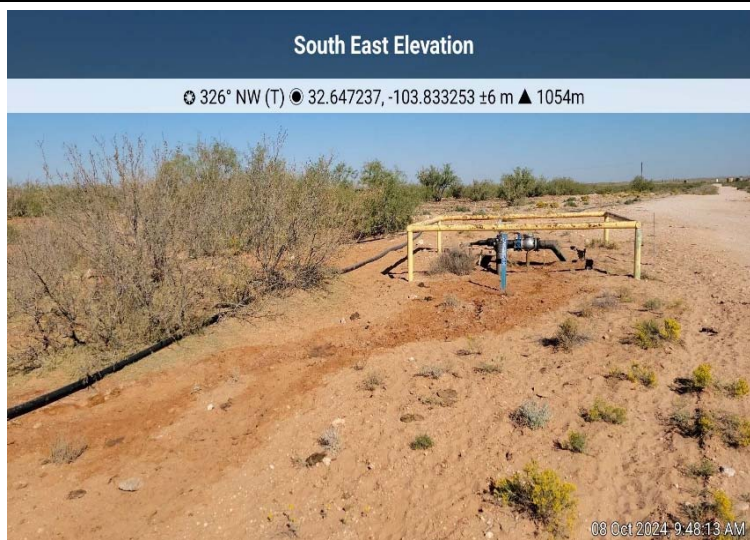
PHOTOGRAPHIC LOG
Devon Energy Production Company
Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1

Photograph No. 1

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Area of Concern

**Photograph No. 2**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

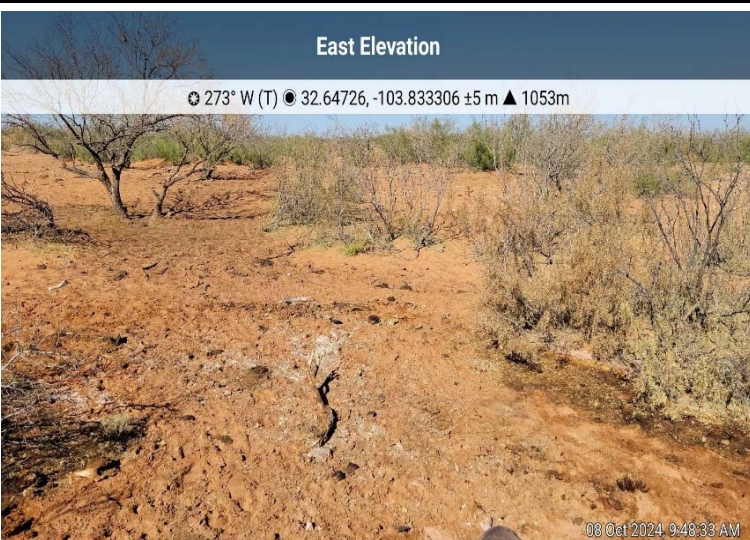
Description:
Area of Concern

**Photograph No. 3**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG
Devon Energy Production Company
Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1

Photograph No. 4

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Area of Concern

**Photograph No. 5**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

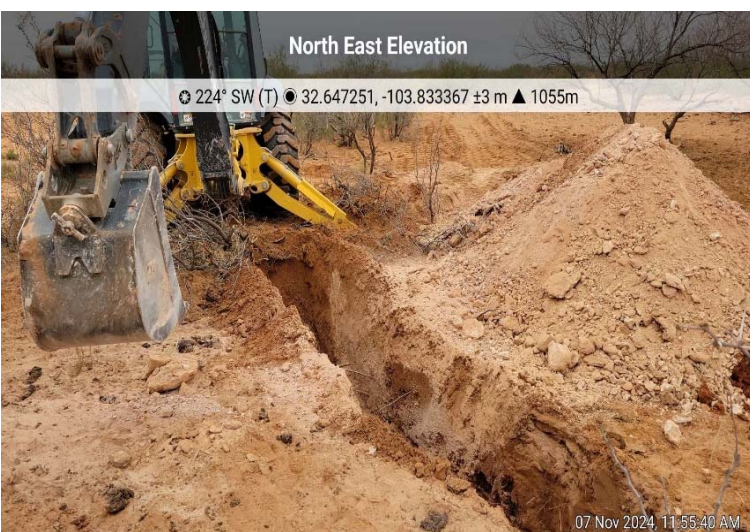
Description:
Test Pit Installation

**Photograph No. 6**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Test Pit Installation



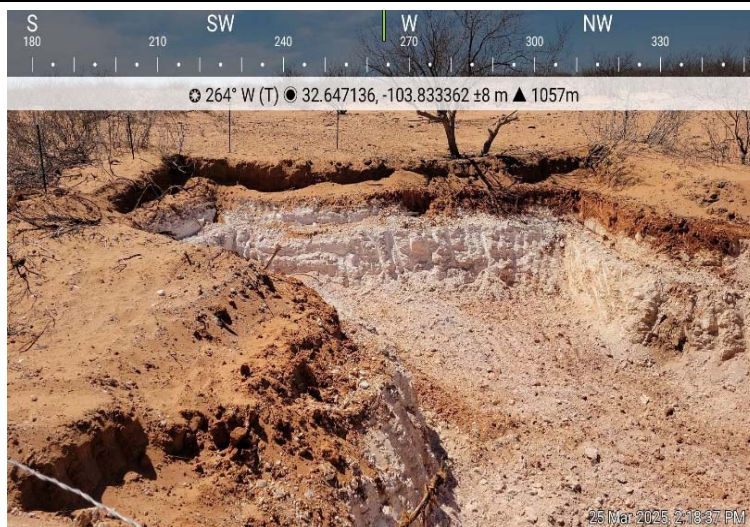
PHOTOGRAPHIC LOG
Devon Energy Production Company
Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1

Photograph No. 7

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Confirmation Sampling (1st Round)

**Photograph No. 8**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

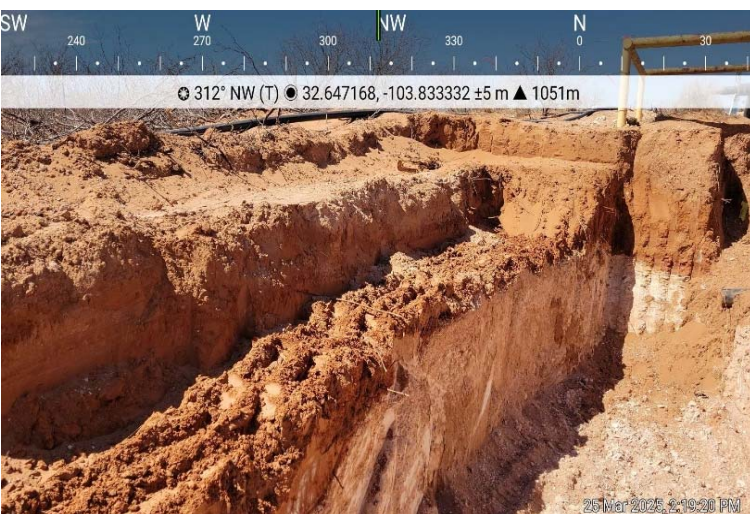
Description:
Confirmation Sampling (1st Round)

**Photograph No. 9**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Confirmation Sampling (1st Round)



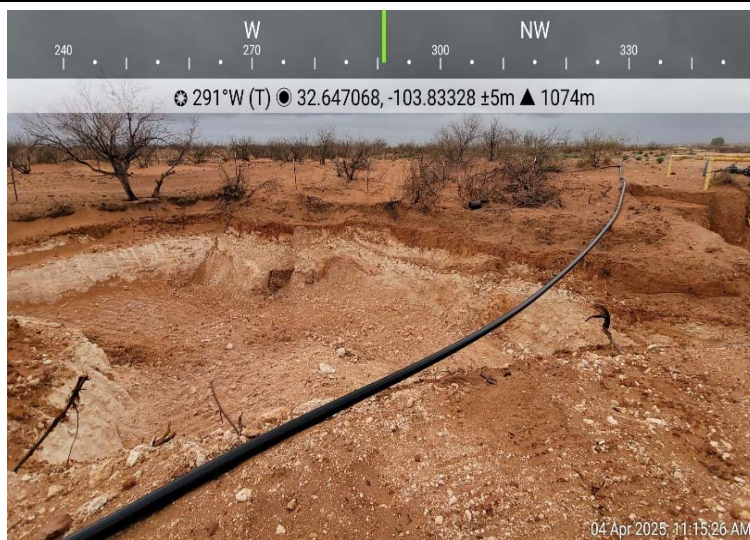
PHOTOGRAPHIC LOG
Devon Energy Production Company
Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1

Photograph No. 10

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Confirmation Sampling (2nd Round)

**Photograph No. 11**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Confirmation Sampling (2nd Round)

**Photograph No. 12**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Confirmation Sampling (2nd Round)



PHOTOGRAPHIC LOG
Devon Energy Production Company
Hackberry Trunk Line 1700 FT SW of Mimosa 24 Fed 1

Photograph No. 13

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Backfill photos of site

**Photograph No. 14**

Facility: Hackberry Trunk Line 1700 FT SW
of Mimosa 24 Fed 1

County: Eddy County, New Mexico

Description:
Backfill photos of site



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

October 16, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HACKBERRY TO MIMOSA

Enclosed are the results of analyses for samples received by the laboratory on 10/09/24 15:27.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 0-6" (H246151-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/11/2024	ND	2.12	106	2.00	0.743	
Toluene*	0.251	0.200	10/11/2024	ND	2.05	103	2.00	6.67	
Ethylbenzene*	1.00	0.200	10/11/2024	ND	2.09	105	2.00	9.42	
Total Xylenes*	3.51	0.600	10/11/2024	ND	6.15	103	6.00	11.6	
Total BTX	4.76	1.20	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	10/10/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	132	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	1480	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	302	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 1-1.5' (H246151-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.12	106	2.00	0.743		
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	103	2.00	6.67		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.09	105	2.00	9.42		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.15	103	6.00	11.6		
Total BTEX	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 2-2.5' (H246151-03)

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	10/11/2024	ND	2.12	106	2.00	0.743	
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	103	2.00	6.67	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.09	105	2.00	9.42	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.15	103	6.00	11.6	
Total BTEx	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	116	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	23.2	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 3-3.5' (H246151-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTX	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 1 4-4.5' (H246151-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTX	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	24.6	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 0-6" (H246151-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14000	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	47.6	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	13.2	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 1-1.5' (H246151-07)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTX	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12200	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 2-2.5' (H246151-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTX	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15600	16.0	10/10/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 3-3.5' (H246151-09)

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	10/16/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/16/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/16/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/16/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/16/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19200	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 2 4-4.5' (H246151-10)

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	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTEx	<0.300	0.300	10/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	21200	16.0	10/10/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	40.4	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	11.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 0-6" (H246151-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/16/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/16/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/16/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/16/2024	ND	6.03	100	6.00	2.41		
Total BTEX	<0.300	0.300	10/16/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	10/10/2024	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	193	96.6	200	0.0787	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	196	97.8	200	0.238	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 1-1.5' (H246151-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 2-2.5' (H246151-13)

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	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEX	<0.300	0.300	10/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15800	16.0	10/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 3-3.5' (H246151-14)

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	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 3 4-4.5' (H246151-15)

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	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17400	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	12.1	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 0-6" (H246151-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEX	<0.300	0.300	10/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12600	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	37.6	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 1-1.5' (H246151-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14400	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 2-2.5' (H246151-18)

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	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15800	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 3-3.5' (H246151-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTX	<0.300	0.300	10/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13400	16.0	10/10/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	94.8	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	12.1	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: V - 4 4-4.5' (H246151-20)

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	10/11/2024	ND	2.03	102	2.00	4.50	
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61	
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64	
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41	
Total BTEx	<0.300	0.300	10/11/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	10/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 1 0-6" (H246151-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 2 0-6" (H246151-22)

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	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEx	<0.300	0.300	10/11/2024	ND						

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 3 0-6" (H246151-23)

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	10/11/2024	ND	2.03	102	2.00	4.50		
Toluene*	<0.050	0.050	10/11/2024	ND	1.98	98.8	2.00	3.61		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.01	101	2.00	2.64		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.03	100	6.00	2.41		
Total BTEX	<0.300	0.300	10/11/2024	ND						

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 4 0-6" (H246151-24)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.02	101	2.00	0.366		
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	102	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.15	108	2.00	8.46		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.39	106	6.00	7.83		
Total BTX	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 77.5-125

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 5 0-6" (H246151-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.02	101	2.00	0.366		
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	102	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.15	108	2.00	8.46		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.39	106	6.00	7.83		
Total BTX	<0.300	0.300	10/11/2024	ND						

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 6 0-6" (H246151-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.02	101	2.00	0.366		
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	102	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.15	108	2.00	8.46		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.39	106	6.00	7.83		
Total BTEx	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 7 0-6" (H246151-27)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.02	101	2.00	0.366		
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	102	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.15	108	2.00	8.46		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.39	106	6.00	7.83		
Total BTX	<0.300	0.300	10/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/09/2024
 Reported: 10/16/2024
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 10/08/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: H - 8 0-6" (H246151-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2024	ND	2.02	101	2.00	0.366		
Toluene*	<0.050	0.050	10/11/2024	ND	2.05	102	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/11/2024	ND	2.15	108	2.00	8.46		
Total Xylenes*	<0.150	0.150	10/11/2024	ND	6.39	106	6.00	7.83		
Total BTEX	<0.300	0.300	10/11/2024	ND						

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/10/2024	ND	214	107	200	2.42	
DRO >C10-C28*	<10.0	10.0	10/10/2024	ND	200	99.9	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	10/10/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 11244151

Page 1 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Date	Woodall
Company Name:	NTG Environmental	Company Name:	Devon	
Address:	209 W McKay St	Address:		
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:		
Phone:	432-701-2159	Email:	esessums@ntglobal.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:



Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

Project Name:		Hackberry To Mimosa		Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:		249221		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code										None: NO DI Water: H ₂ O							
Project Location		Eddy Co., NM		Due Date:												Cool: Cool MeOH: Me							
Sampler's Name:		Clayton Turnas		TAT starts the day received by the lab, if received by 4:30pm												HCL HC HNO ₃ : HN							
PO #		21420702														H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										H ₃ PO ₄ , HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:														NaHSO ₄ , NABIS					
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:														Na ₂ S ₂ O ₃ , NaSO ₃					
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:														Zn Acetate+NaOH: Zn					
Total Containers:		28		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters															
V-1	0-6"	10/8/2024	7:00	X		Grab	1	BTX 8021B															
V-1	1-1.5'	10/8/2024	7:03	X		Grab	1	TPH 8015M (GRO + DRO + MRO)															
V-1	2-2.5'	10/8/2024	7:06	X		Grab	1	Chloride 4500															
V-1	3-3.5'	10/8/2024	7:09	X		Grab	1																
V-1	4-4.5'	10/8/2024	7:12	X		Grab	1																
V-2	0-6"	10/8/2024	7:15	X		Grab	1																
V-2	1-1.5'	10/8/2024	7:18	X		Grab	1																
V-2	2-2.5'	10/8/2024	7:21	X		Grab	1																
V-2	3-3.5'	10/8/2024	7:24	X		Grab	1																
V-2	4-4.5'	10/8/2024	7:27	X		Grab	1																
								HOLD															
Sample Comments																							

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/9/24/1537			

Printed Date 05/01/2020 File: 2029



Chain of Custody

Work Order No: H240151

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Hackberry To Mimosa		Turn Around			ANALYSIS REQUEST										Preservative Codes	
Project Number:	249221		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		Pres. Code											None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM		Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	Clayton Turnas		TAT starts the day received by the lab, if received by 4:30pm													HCL: HC	HNO ₃ : HN	
PO #	21420702															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters										HOLD	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140															
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.00C															
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-15.00C															
Total Containers:	28	Corrected Temperature:	-15.00C															
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
V-3	0-6"	10/8/2024	7:30	X		Grab	1	X	X	X								
V-3	1-1.5'	10/8/2024	7:33	X		Grab	1	X	X	X								
V-3	2-2.5'	10/8/2024	7:36	X		Grab	1	X	X	X								
V-3	3-3.5'	10/8/2024	7:39	X		Grab	1	X	X	X								
V-3	4-4.5'	10/8/2024	7:42	X		Grab	1	X	X	X								
V-4	0-6"	10/8/2024	7:45	X		Grab	1	X	X	X								
V-4	1-1.5'	10/8/2024	7:48	X		Grab	1	X	X	X								
V-4	2-2.5'	10/8/2024	7:51	X		Grab	1	X	X	X								
V-4	3-3.5'	10/8/2024	7:54	X		Grab	1	X	X	X								
V-4	4-4.5'	10/8/2024	7:57	X		Grab	1	X	X	X								

Additional Comments:

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		10/02/1507			



Chain of Custody

Work Order No: H4YUW1

Page 3 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Date Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Hackberry To Mimosa		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	249221		<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush													None: NO	DI Water: H ₂ O			
Project Location:	Eddy Co. NM		Due Date:														Cool: Cool	MeOH: Me			
Sampler's Name:	Clayton Tumas		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN			
PO #	21420702																H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT			Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters												H ₃ PO ₄ : HP
Received In tact:	Yes		No	Thermometer ID:													NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes		No	Correction Factor:													Na ₂ S ₂ O ₅ : NaSO ₃				
Sample Custody Seals:	Yes		No	Temperature Reading:													Zn Acetate+NaOH: Zn				
Total Containers:			28	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
H-1	0-6"	10/8/2024	8:00	X		Grab	1	X	X	X											
H-2	0-6"	10/8/2024	8:03	X		Grab	1	X	X	X											
H-3	0-6"	10/8/2024	8:06	X		Grab	1	X	X	X											
H-4	0-6"	10/8/2024	8:09	X		Grab	1	X	X	X											
H-5	0-6"	10/8/2024	8:12	X		Grab	1	X	X	X											
H-6	0-6"	10/8/2024	8:15	X		Grab	1	X	X	X											
H-7	0-6"	10/8/2024	8:18	X		Grab	1	X	X	X											
H-8	0-6"	10/8/2024	8:21	X		Grab	1	X	X	X											
		</																			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10/9/24/1537			



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

November 13, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HACKBERRY TRUNK LINE

Enclosed are the results of analyses for samples received by the laboratory on 11/07/24 13:20.

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". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 4' (H246807-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2024	ND	2.28	114	2.00	5.09	
Toluene*	<0.050	0.050	11/10/2024	ND	2.24	112	2.00	4.94	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.32	116	2.00	3.17	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.86	114	6.00	2.38	
Total BTX	<0.300	0.300	11/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	23200	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	193	96.3	200	0.336	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	191	95.7	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 5' (H246807-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/09/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.39	120	2.00	13.3	QR-03
Total Xylenes*	<0.150	0.150	11/09/2024	ND	7.21	120	6.00	14.1	QR-03
Total BTX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	11/11/2024	ND	416	104	400	0.00	QM-07	

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	11/08/2024	ND	193	96.3	200	0.336	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	191	95.7	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 6' (H246807-03)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20800	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2024	ND	193	96.3	200	0.336	
DRO >C10-C28*	<10.0	10.0	11/09/2024	ND	191	95.7	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	11/09/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 7' (H246807-04)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15600	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2024	ND	193	96.3	200	0.336	
DRO >C10-C28*	<10.0	10.0	11/09/2024	ND	191	95.7	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	11/09/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 8' (H246807-05)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 9' (H246807-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTEX	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 10' (H246807-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 4' (H246807-08)

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	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTEX	<0.300	0.300	11/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18600	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 5' (H246807-09)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEx	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17600	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 6' (H246807-10)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20600	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 7' (H246807-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEx	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 8' (H246807-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTEx	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6240	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 9' (H246807-13)

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	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTEx	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	18.2	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 10' (H246807-14)

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	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTEX	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/08/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 11' (H246807-15)

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	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTEX	<0.300	0.300	11/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 12' (H246807-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372	
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1	
Total BTX	<0.300	0.300	11/10/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 4' (H246807-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEx	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17600	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 5' (H246807-18)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	27000	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 6' (H246807-19)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15000	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 7' (H246807-20)

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	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEx	<0.300	0.300	11/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14600	16.0	11/11/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 8' (H246807-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2024	ND	2.13	107	2.00	0.372		
Toluene*	<0.050	0.050	11/10/2024	ND	2.20	110	2.00	8.27		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.39	120	2.00	13.3		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	7.21	120	6.00	14.1		
Total BTEX	<0.300	0.300	11/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22800	16.0	11/11/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 9' (H246807-22)

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	11/09/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	4480	16.0	11/11/2024	ND	432	108	400	7.69	QM-07	

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	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 10' (H246807-23)

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	11/09/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	5760	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 11' (H246807-24)

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	11/09/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	10400	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/11/2024	ND	226	113	200	1.56	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	225	113	200	1.04	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 12' (H246807-25)

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	11/09/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	1150	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 13' (H246807-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/09/2024	ND	2.08	104	2.00	0.720	
Toluene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	0.687	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.11	106	2.00	0.818	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.28	105	6.00	0.512	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	928	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 14' (H246807-27)

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	11/09/2024	ND	2.08	104	2.00	0.720	
Toluene*	<0.050	0.050	11/09/2024	ND	2.12	106	2.00	0.687	
Ethylbenzene*	<0.050	0.050	11/09/2024	ND	2.11	106	2.00	0.818	
Total Xylenes*	<0.150	0.150	11/09/2024	ND	6.28	105	6.00	0.512	
Total BTEX	<0.300	0.300	11/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	960	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 15' (H246807-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEx	<0.300	0.300	11/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	976	16.0	11/11/2024	ND	432	108	400	7.69	

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 16' (H246807-29)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/10/2024	ND	2.08	104	2.00	0.720	
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687	
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818	
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512	
Total BTX	<0.300	0.300	11/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	784	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 11/07/2024
 Reported: 11/13/2024
 Project Name: HACKBERRY TRUNK LINE
 Project Number: 249221
 Project Location: DEVON - EDDY CO.

Sampling Date: 11/07/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 17' (H246807-30)

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	11/10/2024	ND	2.08	104	2.00	0.720		
Toluene*	<0.050	0.050	11/10/2024	ND	2.12	106	2.00	0.687		
Ethylbenzene*	<0.050	0.050	11/10/2024	ND	2.11	106	2.00	0.818		
Total Xylenes*	<0.150	0.150	11/10/2024	ND	6.28	105	6.00	0.512		
Total BTEX	<0.300	0.300	11/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	64.0	16.0	11/11/2024	ND	432	108	400	7.69		

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	11/08/2024	ND	228	114	200	4.48	
DRO >C10-C28*	<10.0	10.0	11/08/2024	ND	216	108	200	7.06	
EXT DRO >C28-C36	<10.0	10.0	11/08/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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






Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DICE Project Manager: Ethan Sessums Address: 209 West Nickay St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #:				P.O. #: 21420702 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:				BILL TO ANALYSIS REQUEST			
Project #: 249221 Project Name: Hackberry Trunk Line Project Location: Eddy County Sampler Name: Clayton Finkner											
FOR LAB USE ONLY											
Lab I.D. H240807		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV		SAMPLING			
10-3345978910 TP-1 TP-1 TP-1 TP-1 TP-2 TP-2 TP-2		5:51 5:51 5:51 5:51 5:51 5:51 5:51		10/17		DATE TIME		BTEX TPH Chloride			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.											
Relinquished By: 		Received By: 		Date: 11/7 Time: 1:20		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			
Relinquished By: 		Received By: 		Date: 11/7 Time: 1:20		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			
REMARKS: All Results are emailed. Please provide Email address:											
Delivered By: (Circle One) Sampler - UPS - Bus - Other:											
Observed Temp. °C: 5.4 Corrected Temp. °C: 4.8											
Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No											
CHECKED BY: (Initials) 											
Thermometer ID #140 Correction Factor -0.8°C											
Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>											
Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No											
Observed Temp. °C Corrected Temp. °C											



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>WTF</u> Project Manager: <u>Ethan Severson</u> Address: <u>209 West Mickey St</u> City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u> Phone #: Fax #: Project #: <u>249221</u> Project Owner: Project Name: <u>Hackberry Tank Line</u> Project Location: <u>Hackberry Tank Line</u> Sampler Name: <u>Playton James</u>		BILL TO P.O. #: <u>2420707</u> Company: <u>Devon</u> Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D. <u>H2410807</u> Sample I.D.		MATRIX (G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS <u>1</u> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/>	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal.		PRESERV DATE <u>11/7</u> TIME <u>11:17</u> SAMPLING	
Relinquished By: <u>[Signature]</u> Relinquished Date: <u>11/7</u> Received By: <u>[Signature]</u> Received Date: <u>11/7</u>		ANALYSIS REQUEST <u>BTEX</u> <u>TPH</u> <u>Chloride</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <input type="checkbox"/>		Observed Temp. °C <u>5.4</u> Corrected Temp. °C <u>4.8</u> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: <u>[Signature]</u> Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.6°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C <u>5.4</u> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C <u>4.8</u>	
REMARKS: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST			
Company Name: N6E Project Manager: Ethan Sessions Address: 200 West McKinley St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #: Project #: 24922 Project Name: Hackberry Tank Line Project Location: Hackberry Tank Line Sample Name: Hackberry Tank Line FOR LAB USE ONLY				P.O. #: 2492202 Company: Devon Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. H410807		Sample I.D.		DATE		TIME	
21 22 23 24 25 26 27 28 29 30		TP TP TP TP TP TP TP TP TP TP		8:10 10:10 12:10 13:10 14:10 15:10 16:10 17:10		11:17	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		MATRIX PRESERV SAMPLING		BTEX TPH Chloride			
Relinquished By: [Signature] Date: 11/7 Received By: [Signature] Date: 11/7				REMARKS:			
Delivered By: (Circle One) Sample - UPS - Bus - Other:				Observed Temp. °C 5.4 Corrected Temp. °C 4.8 Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: [Signature]			
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #140 Correction Factor -0.5°C				Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C			

† Cardinal cannot accept verbal changes to caley.keene@cardinallabsnm.com



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: HACKBERRY TO MIMOSA

Enclosed are the results of analyses for samples received by the laboratory on 03/26/25 14:34.

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". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 (H251782-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTX	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7200	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	207	104	200	0.0343	
DRO >C10-C28*	95.8	10.0	03/27/2025	ND	199	99.4	200	0.591	
EXT DRO >C28-C36	10.2	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 75.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.1 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (H251782-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1		
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62		
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47		
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50		
Total BTEX	<0.300	0.300	03/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15800	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	207	104	200	0.0343	
DRO >C10-C28*	95.9	10.0	03/27/2025	ND	199	99.4	200	0.591	
EXT DRO >C28-C36	14.5	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.1 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (H251782-03)

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	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEx	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18000	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	207	104	200	0.0343	
DRO >C10-C28*	44.8	10.0	03/27/2025	ND	199	99.4	200	0.591	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (H251782-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTX	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23600	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.6 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (H251782-05)

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	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEX	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	76.4	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	14.7	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.6 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (H251782-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEX	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9000	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	90.1	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	17.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.1 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (H251782-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEX	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20000	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	82.8	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	19.7	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.1 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (H251782-08)

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	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEx	<0.300	0.300	03/27/2025	ND					

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (H251782-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTX	<0.300	0.300	03/27/2025	ND					

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.4 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (H251782-10)

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	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEx	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/27/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.1 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (H251782-11)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTX	<0.300	0.300	03/27/2025	ND					

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (H251782-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEx	<0.300	0.300	03/27/2025	ND					

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.6 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (H251782-13)

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	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEx	<0.300	0.300	03/27/2025	ND					

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

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

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (H251782-14)

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	03/27/2025	ND	1.98	98.8	2.00	13.1		
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62		
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47		
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50		
Total BTEx	<0.300	0.300	03/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/27/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.1 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (H251782-15)

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	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTEx	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/27/2025	ND	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	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.2 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (H251782-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1	
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62	
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47	
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50	
Total BTX	<0.300	0.300	03/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/27/2025	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	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.0 % 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: 03/26/2025
 Reported: 03/28/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 03/25/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 (H251782-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/27/2025	ND	1.98	98.8	2.00	13.1		
Toluene*	<0.050	0.050	03/27/2025	ND	2.05	102	2.00	8.62		
Ethylbenzene*	<0.050	0.050	03/27/2025	ND	1.90	95.2	2.00	8.47		
Total Xylenes*	<0.150	0.150	03/27/2025	ND	5.76	96.0	6.00	8.50		
Total BTEX	<0.300	0.300	03/27/2025	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	32.0	16.0	03/27/2025	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	03/27/2025	ND	214	107	200	0.174	
DRO >C10-C28*	<10.0	10.0	03/27/2025	ND	200	99.8	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	03/27/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: HA51782

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Raley
Company Name:	New Tech Global Environmental	Company Name:	Devon
Address:	209 W. McKay St.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownie <input type="checkbox"/> R <input type="checkbox"/> Supel <input type="checkbox"/>	
State of Project:	
Reporting Level: <input type="checkbox"/> Level <input type="checkbox"/> PST/UT <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAP <input type="checkbox"/> Other:	

Project Name:	Hackberry to Mimosa	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	249221	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush													None: NO	DI Water: H ₂ O	
Project Location:	Eddy County, New Mexico	Due Date:	48hr													Cool: Cool	MeOH: Me	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN	
PO #:	21420702															H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	10.3													Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.7													Zn Acetate+NaOH: Zn		
Total Containers:	17	Corrected Temperature:	2.0													NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
CS-1	3/25/2025		X		Comp	1	BTEX 8021B										-2mJ 5 2788910	
CS-2	3/25/2025		X		Comp	1	TPH 8015M (GRO + DRO + MRO)											
CS-3	3/25/2025		X		Comp	1	Chloride 4500											
CS-4	3/25/2025		X		Comp	1												
CS-5	3/25/2025		X		Comp	1												
CS-6	3/25/2025		X		Comp	1												
CS-7	3/25/2025		X		Comp	1												
SW-1	3/25/2025		X		Comp	1												
SW-2	3/25/2025		X		Comp	1												
SW-3	3/25/2025		X		Comp	1												

Additional Comments: NMOCID ID: Napp2426430668

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


Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>[Signature]</i>	3/25/2025 1434			
3					
5					

4251782

Work Order Comments	
Program: UST/PS	<input type="checkbox"/> PR <input type="checkbox"/> Brownfile <input type="checkbox"/> R <input type="checkbox"/> Super
State of Project:	
Reporting: level <input type="checkbox"/> level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Ld <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Hackberry to Mimosa		Turn Around		ANALYSIS REQUEST												Preservative Codes									
Project Number:		249221		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO DI Water: H ₂ O									
Project Location:		Eddy County, New Mexico		Due Date: 48hr														Cool: Cool MeOH: Me									
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN									
PO #		21420702																H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT				Temp Blank: Yes No		Wet Ice: Yes No														H ₃ PO ₄ : HP							
Received Intact:		Yes No		Thermometer ID:														NaHSO ₄ : NABIS									
Cooler Custody Seals:		Yes No		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃									
Sample Custody Seals:		Yes No		Temperature Reading:														Zn Acetate+NaOH: Zn									
Total Containers:		17		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
SW-4		3/25/2025				X				Comp		1														12m + 15	
SW-5		3/25/2025				X				Comp		1															
SW-6		3/25/2025				X				Comp		1															
SW-7		3/25/2025				X				Comp		1															
SW-8		3/25/2025				X				Comp		1															
SW-9		3/25/2025				X				Comp		1															
SW-10		3/25/2025				X				Comp		1														15	

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han		3/10/25 1434			
3					
5					



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

April 08, 2025

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HACKBERRY TO MIMOSA

Enclosed are the results of analyses for samples received by the laboratory on 04/04/25 12:26.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2025
 Reported: 04/08/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 04/04/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (H252014-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2025	ND	1.99	99.4	2.00	2.71	QM-07
Toluene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	2.16	QM-07
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	1.63	QM-07
Total Xylenes*	<0.150	0.150	04/07/2025	ND	5.94	99.1	6.00	1.73	QM-07
Total BTEX	<0.300	0.300	04/07/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	704	16.0	04/07/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	208	104	200	1.04	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	188	94.0	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.0 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2025
 Reported: 04/08/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 04/04/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (H252014-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2025	ND	1.99	99.4	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	2.16		
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	1.63		
Total Xylenes*	<0.150	0.150	04/07/2025	ND	5.94	99.1	6.00	1.73		
Total BTEx	<0.300	0.300	04/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	04/07/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	208	104	200	1.04	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	188	94.0	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.5 % 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: 04/04/2025
 Reported: 04/08/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 04/04/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11 (H252014-03)

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	04/07/2025	ND	1.99	99.4	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	2.16		
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	1.63		
Total Xylenes*	<0.150	0.150	04/07/2025	ND	5.94	99.1	6.00	1.73		
Total BTEx	<0.300	0.300	04/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	624	16.0	04/07/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	208	104	200	1.04	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	188	94.0	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.9 % 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: 04/04/2025
 Reported: 04/08/2025
 Project Name: HACKBERRY TO MIMOSA
 Project Number: 249221
 Project Location: DEVON - EDDY CO., NM

Sampling Date: 04/04/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12 (H252014-04)

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	04/07/2025	ND	1.99	99.4	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2025	ND	2.06	103	2.00	2.16		
Ethylbenzene*	<0.050	0.050	04/07/2025	ND	2.02	101	2.00	1.63		
Total Xylenes*	<0.150	0.150	04/07/2025	ND	5.94	99.1	6.00	1.73		
Total BTEX	<0.300	0.300	04/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	640	16.0	04/07/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/07/2025	ND	208	104	200	1.04	
DRO >C10-C28*	<10.0	10.0	04/07/2025	ND	188	94.0	200	0.606	
EXT DRO >C28-C36	<10.0	10.0	04/07/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H252014

Project Manager:	Ethan Sessums	Bill to: (if different)	Jim Raley
Company Name:	New Tech Global Environmental	Company Name:	Devon
Address:	209 W. McKay St.	Address:	
City, State ZIP:	Carlsbad, NM, 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PS	PR
State of Project:	Brownfield
Reporting Level:	Level
Deliverables:	EDD

Project Name:	Hackberry to Mirnosa	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	48hr	Pres. Code	
Project Number:	249221						
Project Location:	Eddy County, New Mexico						
Sampler's Name:	Kenny Han						
PO #:	21420702						
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:					
Total Containers:	4	Corrected Temperature:	1.7°C				

Sample Identification				Parameters				ANALYSIS REQUEST												Preservative Codes			
Date	Time	Soil	Water	Grab/Comp	# of Cont															None: NO	DI Water: H ₂ O		
CS-4	4/4/2025	X		Comp	1	X	X	X												Cool: Cool	MeOH: Me		
CS-7	4/4/2025	X		Comp	1	X	X	X												HCL: HC	HNO ₃ : HN		
SW-11	4/4/2025	X		Comp	1	X	X	X												H ₂ SO ₄ : H ₂	NaOH: Na		
SW-12	4/4/2025	X		Comp	1	X	X	X												H ₃ PO ₄ : HP			
																				NaHSO ₄ : NABIS			
																				Na ₂ S ₂ O ₃ : NaSO ₃			
																				Zn Acetate+NaOH: Zn			
																				NaOH+Ascorbic Acid: SAPC			

Additional Comments: NMOCID ID: Napp2426430668

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Kenny Han	<i>[Signature]</i>	4/4/25 12:42			

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 488464

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2427861348
Incident Name	NAPP2427861348 HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	HACKBERRY TRUNK LINE 1700 FT SW OF MIMOSA 24 FED 1
Date Release Discovered	10/02/2024
Surface Owner	Federal

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

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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 7 BBL Recovered: 4 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	VALVE ON TRUNK LINE FAILED 7 BBLS SPILLED 4 BBLS RECOVERED. 1700 FEET SW OF MIMOSA 24 FED 1. (32.647379, -103.833283)

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

General Information
Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 488464

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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@dvni.com Date: 07/24/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 488464

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 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	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>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.</i>	
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)	23200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1914
GRO+DRO (EPA SW-846 Method 8015M)	1612
BTEX (EPA SW-846 Method 8021B or 8260B)	4.7
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	03/19/2025
On what date will (or did) the final sampling or liner inspection occur	04/07/2025
On what date will (or was) the remediation complete(d)	04/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	1314
What is the estimated volume (in cubic yards) that will be reclaimed	364
What is the estimated surface area (in square feet) that will be remediated	1314
What is the estimated volume (in cubic yards) that will be remediated	364
<i>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.</i>	
<i>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.</i>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 488464

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	LEA LAND LANDFILL [fEEM0112342028]
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	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 03/26/2025
<i>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.</i>	

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QUESTIONS, Page 5

Action 488464

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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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Action 488464

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	447909
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/04/2025
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1315
What was the total volume (cubic yards) remediated	365
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1315
What was the total volume (in cubic yards) reclaimed	365
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/24/2025

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Action 488464

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 488464

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 488464
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/1/2025