

******* LIQUID SPILLS - VOLUME CALCULATIONS *******

Location of spill: NORTH VACUUM ABO UNIT 298 (32.836716, -103.546607) Date of Spill: 6/12/2019

Site Soil Type: KU — Kimbrough-Lea complex

Estimated Daily Production Loss: 1 BBL Oil 5 BBL Water

Total Area Calculations						
Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	44.0 ft	X	140.0 ft	X	0.3 in	17%
Rectangle Area #2	ft	X	ft	X	in	0%
Rectangle Area #3	ft	X	ft	X	in	0%
Rectangle Area #4	ft	X	ft	X	in	0%
Rectangle Area #5	ft	X	ft	X	in	0%
Rectangle Area #6	ft	X	ft	X	in	0%
Rectangle Area #7	ft	X	ft	X	in	0%
Rectangle Area #8	ft	X	ft	X	in	0%

Porosity 0.250 gal per gal

Saturated Soil Volume Calculations:

	<u>H2O</u>	<u>OIL</u>
Area #1	6,160 sq. ft.	112 cu. ft.
Area #2	0 sq. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.
Total Solid/Liquid Volume:	6,160 sq. ft.	112 cu. ft.

	<u>H2O</u>	<u>OIL</u>
Liquid in Soil:	5.0 BBL	1.0 BBL
Liquid Recovered :	0.0 BBL	0.0 BBL
Spill Liquid	5.0 BBL	1.0 BBL
Total Spill Liquid:	<u>6.0</u>	

Recovered Volumes

Estimated oil recovered: **0.0 BBL**

Estimated water recovered: **0.0 BBL**

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravelly Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

Trinity Oilfield Services & Rentals, LLC



August 20th, 2024

Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Re: **Remediation Closure Request**
North Vacuum Abo 298
Tracking #: NDHR1917955649

Trinity Oilfield Services (Trinity), on behalf of Cross Timbers Energy, LLC, hereby submits the following Remediation Closure Request in response to a release that occurred at the above-referenced location, and further described below.

Site Information	
Incident ID	NDHR1917955649
Site Name	North Vacuum Abo 298
Well API	30-025-29608
Lease ID	B015200004
Company	Cross Timbers Energy, LLC
Contact Name	Samanntha Avarello
Contact Email	SAVARELLO@TXOPARTNERS.COM
Contact Telephone	817-334-7747
County	Lea
ULSTR	G-15-17S-34E
GPS Coordinates (NAD 83)	32.836716, -103.546607
Landowner	State

HISTORICAL RELEASE BACKGROUND

On 06/25/2019, Cross Timbers Energy, LLC reported a release at the North Vacuum Abo 298. The release was caused when a 3 inch flow line had a pin hole leak due to corrosion. Approximately 6,167 sqft. of the Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	06/12/2019
Type of Release	Crude Oil and Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	5 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	1 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pasture - Approximately 6,167 sqft.
Site Location Map	Attached

Cultural Properties Protection:

An ARMS inspection and survey was not conducted as the area was previously disturbed. However, if an area appears to be off-site, even if disturbed, an ARMS survey will always be requested in the future.

SITE CHARACTERIZATION AND CLOSURE CRITERIA**Depth to Groundwater/Wellhead Protection:**

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	NA	NA	NA
Soil Bore	DTW-2	02/06/2023	105'

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a $\frac{1}{2}$ mile of the release site. The search revealed that Zero (0) wells occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

On 02/06/2023, Kane Environmental Engineering along with Scarborough Drilling was onsite to drill a groundwater determination borehole (DTW-2) to 105' below ground surface within a $\frac{1}{2}$ mile radius of the incident location. The borehole was left open for 96 hours and checked for the presence of groundwater. As a result, no water was detected at 105' below surface at the borehole location (32.83487, -103.54562). The driller log is attached for reference.

General Site Characterization:

Site Assessment	
Karst Potential	Low
Distance to Watercourse	> 1,000 ft.
Within 100 yr Floodplain	No
Pasture Impact	Yes

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

Soil Assessment	
Soil Series	Kimbrough-Lea
Fragile Soil Interpretive Class	Fragile
Erodibility Value	0.32
Wind Erodibility Group	5
Badland Soils	No
Gypsum Soils	No
Representative Slope	1%
Depth to Restrictive Feature	25 cm
Depth to Bedrock	> 200 cm
Severe Wildland Burn	No

A soil assessment/characterization was performed following the New Mexico State Land Office Environmental Compliance Office (ECO) Spill and Release Reporting Guidelines (Part 2 Letter D). To summarize, the affected area is classified as a sensitive soil.

Closure Criteria:

On-Site & Off-Site 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
TPH (GRO and DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES**Initial Sample Activities:**

Delineation Summary	
Delineation Dates	10/25/2023
Depths Sampled	0' - 2'
Delineation Map	Attached
Laboratory Results	Table 1

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

Confirmation Activities:

Remediation Summary	
Remediation Dates	11/20/2023 – 07/15/2024
Workplan Approval	At Risk
Liner Variance Request	None
Deferral Request	None
Depths Excavated	0' - 6'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	1,092 yards
Remediation Map	Attached

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls will be advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility. Upon approval, the excavated area will be backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities will be restored to a condition that existed before the release to the extent practicable. The affected area will be contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. The area will be fenced off to mitigate grazing and soil compaction by cattle.

Affected areas disturbed by remediation on native land, not on production pads and/or lease roads, will be reseeded with a prescribed NMSLO seed mixture, as defined in SLO Seed Mix Version 1-200808 for Coarse (CS) Sites, during the first favorable growing season following the closure of the site. Reclamation on State Trust Land will also be documented and monitored for successful vegetation growth and invasive/noxious weed populations.

REQUEST FOR REMEDIATION CLOSURE APPROVAL

Supporting Documentation	
Delineation and Remediation Maps	Attached
Depth to Groundwater Maps and Source	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
SLO Seed Mix	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant remediation closure approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist

**TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**CROSS TIMBERS ENERGY, LLC
NORTH VACUUM ABO UNIT 298
COUNTY, NEW MEXICO
NMOCD REFERENCE #: NDHR1917955649**



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	VERTICAL/HORIZONTAL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
On-Site, & Deeper than 4' Pasture							20000	2500	1000	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Vertical Delineation														
DV-001.0-00.0-P	0	10/25/2023	Vertical	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-001.0-02.0-P	2	10/25/2023	Vertical	Off-Site	Grab	In-Situ	144.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-002.0-00.0-P	0	10/25/2023	Vertical	Off-Site	Grab	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-002.0-02.0-P	2	10/25/2023	Vertical	Off-Site	Grab	In-Situ	144.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Horizontal Delineation														
DH-001.0-01.0-P	1	10/25/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-002.0-01.0-P	1	10/25/2023	Horizontal	Off-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-003.0-01.0-P	1	10/25/2023	Horizontal	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-004.0-01.0-P	1	10/25/2023	Horizontal	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

**TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**CROSS TIMBERS ENERGY, LLC
NORTH VACUUM ABO UNIT 298
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NDHR1917955649**



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	192.0	32.4	19.7	<10.0	19.7	12.7	<.300	<0.50
CF-001.0-02.5-P	2.5	5/23/2024	Floor	Off-Site	Composite	Excavated	496.0	357.5	264.0	<10.0	264.0	93.5	<.300	<0.50
CF-001.0-04.0-P	4	6/14/2024	Floor	Off-Site	Composite	In-Situ	432.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-00.3-P	0.3	11/20/2023	Floor	Off-Site	Composite	Excavated	160.0	129.1	75.0	<10.0	75.0	54.1	<.300	<0.50
CF-002.0-00.5-P	0.5	12/5/2023	Floor	Off-Site	Composite	Excavated	320.0	156.8	104.0	<10.0	104.0	52.8	<.300	<0.50
CF-002.0-01.0-P	1	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	992.0	624.0	<10.0	624.0	368.0	<.300	<0.50
CF-002.0-02.0-P	2	1/26/2024	Floor	Off-Site	Composite	Excavated	<16.0	535.0	335.0	<10.0	335.0	200.0	<.300	<0.50
CF-002.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	73.2	62.1	<10.0	62.1	11.1	<.300	<0.50
CF-003.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-02.5-P	2.5	5/23/2024	Floor	Off-Site	Composite	In-Situ	208.0	71.6	54.4	<10.0	54.4	17.2	<.300	<0.50
CF-004.0-01.0-P	1	11/20/2023	Floor	Off-Site	Composite	Excavated	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-05.0-P	5	5/23/2024	Floor	Off-Site	Composite	In-Situ	1,090.0	57.2	41.9	<10.0	41.9	15.3	<.300	<0.50
CF-005.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	288.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-06.0-P	6	5/23/2024	Floor	Off-Site	Composite	In-Situ	768.0	381.6	287.0	<10.0	287.0	94.6	<.300	<0.50
CF-006.0-00.5-P	0.5	11/20/2023	Floor	Off-Site	Composite	Excavated	240.0	271.0	161.0	<10.0	161.0	110.0	<.300	<0.50
CF-006.0-01.0-P	1	12/5/2023	Floor	Off-Site	Composite	Excavated	320.0	42.0	31.6	<10.0	31.6	10.4	<.300	<0.50
CF-006.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	2,130.0	1,500.0	<10.0	1,500.0	630.0	<.300	<0.50
CF-006.0-04.0-P	4	7/15/2024	Floor	Off-Site	Composite	In-Situ	192.0	65.2	65.2	<10.0	65.2	<10.0	<.300	<0.50
CF-007.0-01.0-P	1	11/20/2023	Floor	Off-Site	Composite	Excavated	160.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-02.5-P	2.5	5/23/2024	Floor	Off-Site	Composite	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-01.0-P	1	11/20/2023	Floor	Off-Site	Composite	Excavated	352.0	1,204.0	860.0	<10.0	860.0	344.0	<.300	<0.50
CF-008.0-01.5-P	1.5	12/5/2023	Floor	Off-Site	Composite	Excavated	320.0	871.0	540.0	<10.0	540.0	331.0	<.300	<0.50
CF-008.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	2,118.0	1,480.0	<10.0	1,480.0	638.0	<.300	<0.50
CF-008.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	255.2	207.0	<10.0	207.0	48.2	<.300	<0.50
CF-009.0-00.5-P	0.5	11/20/2023	Floor	Off-Site	Composite	Excavated	176.0	175.7	111.0	<10.0	111.0	64.7	<.300	<0.50
CF-009.0-01.0-P	1	12/5/2023	Floor	Off-Site	Composite	Excavated	112.0	917.0	549.0	<10.0	549.0	368.0	<.300	<0.50
CF-009.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	977.0	587.0	<10.0	587.0	390.0	<.300	<0.50
CF-009.0-03.0-P	3	1/26/2024	Floor	Off-Site	Composite	Excavated	<16.0	613.0	400.0	<10.0	400.0	213.0	<.300	<0.50
CF-009.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	Excavated	<16.0	2,264.6	1,822.6	22.6	1,800.0	442.0	<.300	<0.50
CF-009.0-06.0-P	6	3/5/2024	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	368.0	1,156.0	809.0	<10.0	809.0	347.0	<.300	<0.50
CF-010.0-01.0-P	1	12/5/2023	Floor	Off-Site	Composite	Excavated	192.0	1,206.0	724.0	<10.0	724.0	482.0	<.300	<0.50
CF-010.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,182.0	662.0	<10.0	662.0	520.0	<.300	<0.50
CF-010.0-03.0-P	3	1/26/2024	Floor	Off-Site	Composite	Excavated	<16.0	562.0	368.0	<10.0	368.0	194.0	<.300	<0.50
CF-010.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,852.8	1,479.8	39.8	1,440.0	373.0	<.300	<0.50
CF-010.0-06.0-P	6	3/5/2024	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-01.5-P	1.5	11/20/2023	Floor	Off-Site	Composite	Excavated	272.0	357.0	246.0	<10.0	246.0	111.0	<.300	<0.50
CF-011.0-02.0-P	2	12/5/2023	Floor	Off-Site	Composite	Excavated	464.0	1,058.0	655.0	<10.0	655.0	403.0	<.300	<0.50

**TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**CROSS TIMBERS ENERGY, LLC
NORTH VACUUM ABO UNIT 298
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NDHR1917955649**



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-011.0-02.5-P	2.5	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,249.0	741.0	<10.0	741.0	508.0	<.300	<0.50
CF-011.0-03.0-P	3	1/26/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,084.0	779.0	<10.0	779.0	305.0	<.300	<0.50
CF-011.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	968.0	707.0	<10.0	707.0	261.0	<.300	<0.50
CF-012.0-01.0-P	1	11/20/2023	Floor	Off-Site	Composite	Excavated	176.0	104.7	62.1	<10.0	62.1	42.6	<.300	<0.50
CF-012.0-01.5-P	1.5	12/5/2023	Floor	Off-Site	Composite	Excavated	176.0	755.0	444.0	<10.0	444.0	311.0	<.300	<0.50
CF-012.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,236.0	745.0	<10.0	745.0	491.0	<.300	<0.50
CF-012.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	707.0	591.0	<10.0	591.0	116.0	<.300	<0.50
CF-013.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	224.0	159.3	115.0	<10.0	115.0	44.3	<.300	<0.50
CF-013.0-01.0-P	1	12/5/2023	Floor	Off-Site	Composite	Excavated	128.0	745.0	443.0	<10.0	443.0	302.0	<.300	<0.50
CF-013.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	965.0	600.0	<10.0	600.0	365.0	<.300	<0.50
CF-013.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	357.2	285.0	<10.0	285.0	72.2	<.300	<0.50
CF-014.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	256.0	204.7	157.0	<10.0	157.0	47.7	<.300	<0.50
CF-014.0-01.0-P	1	12/4/2023	Floor	Off-Site	Composite	Excavated	96.0	772.0	473.0	<10.0	473.0	299.0	<.300	<0.50
CF-014.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,364.0	863.0	<10.0	863.0	501.0	<.300	<0.50
CF-014.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	189.3	150.0	<10.0	150.0	39.3	<.300	<0.50
CF-015.0-01.5-P	1.5	11/20/2023	Floor	Off-Site	Composite	Excavated	144.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-04.0-P	4	5/23/2024	Floor	Off-Site	Composite	In-Situ	880.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	224.0	2,654.0	1,950.0	<10.0	1,950.0	704.0	<.300	<0.50
CF-016.0-01.5-P	1.5	12/5/2023	Floor	Off-Site	Composite	Excavated	176.0	2,093.0	1,440.0	<10.0	1,440.0	653.0	<.300	<0.50
CF-016.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,030.0	608.0	<10.0	608.0	422.0	<.300	<0.50
CF-016.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	188.0	150.0	<10.0	150.0	38.0	<.300	<0.50
CF-017.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	272.0	195.6	139.0	<10.0	139.0	56.6	<.300	<0.50
CF-017.0-01.0-P	1	12/4/2023	Floor	Off-Site	Composite	Excavated	176.0	564.0	360.0	<10.0	360.0	204.0	<.300	<0.50
CF-017.0-01.5-P	1.5	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,013.0	655.0	<10.0	655.0	358.0	<.300	<0.50
CF-017.0-03.0-P	3	1/26/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,140.0	809.0	<10.0	809.0	331.0	<.300	<0.50
CF-017.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	97.6	44.0	<10.0	44.0	53.6	<.300	<0.50
CF-018.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	288.0	721.0	426.0	<10.0	426.0	295.0	<.300	<0.50
CF-018.0-01.0-P	1	12/4/2023	Floor	Off-Site	Composite	Excavated	160.0	441.0	309.0	<10.0	309.0	132.0	<.300	<0.50
CF-018.0-01.5-P	1.5	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	2,523.0	1,830.0	<10.0	1,830.0	693.0	<.300	<0.50
CF-018.0-03.0-P	3	1/26/2024	Floor	Off-Site	Composite	Excavated	<16.0	563.0	361.0	<10.0	361.0	202.0	<.300	<0.50
CF-018.0-04.0-P	4	2/7/2024	Floor	Off-Site	Composite	In-Situ	<16.0	788.0	599.0	<10.0	599.0	189.0	<.300	<0.50
CF-019.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	112.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-04.0-P	4	5/23/2024	Floor	Off-Site	Composite	In-Situ	800.0	119.7	81.4	<10.0	81.4	38.3	<.300	<0.50
CF-020.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	176.0	81.6	46.1	<10.0	46.1	35.5	<.300	<0.50
CF-020.0-05.0-P	5	5/23/2024	Floor	Off-Site	Composite	In-Situ	592.0	612.0	435.0	<10.0	435.0	177.0	<.300	<0.50
CF-021.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	144.0	170.1	117.0	<10.0	117.0	53.1	<.300	<0.50
CF-021.0-01.0-P	1	12/4/2023	Floor	Off-Site	Composite	Excavated	160.0	742.0	423.0	<10.0	423.0	319.0	<.300	<0.50
CF-021.0-01.5-P	1.5	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,585.0	1,140.0	<10.0	1,140.0	445.0	<.300	<0.50
CF-021.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	1,172.0	822.0	<10.0	822.0	350.0	<.300	<0.50

**TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**CROSS TIMBERS ENERGY, LLC
NORTH VACUUM ABO UNIT 298
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NDHR1917955649**



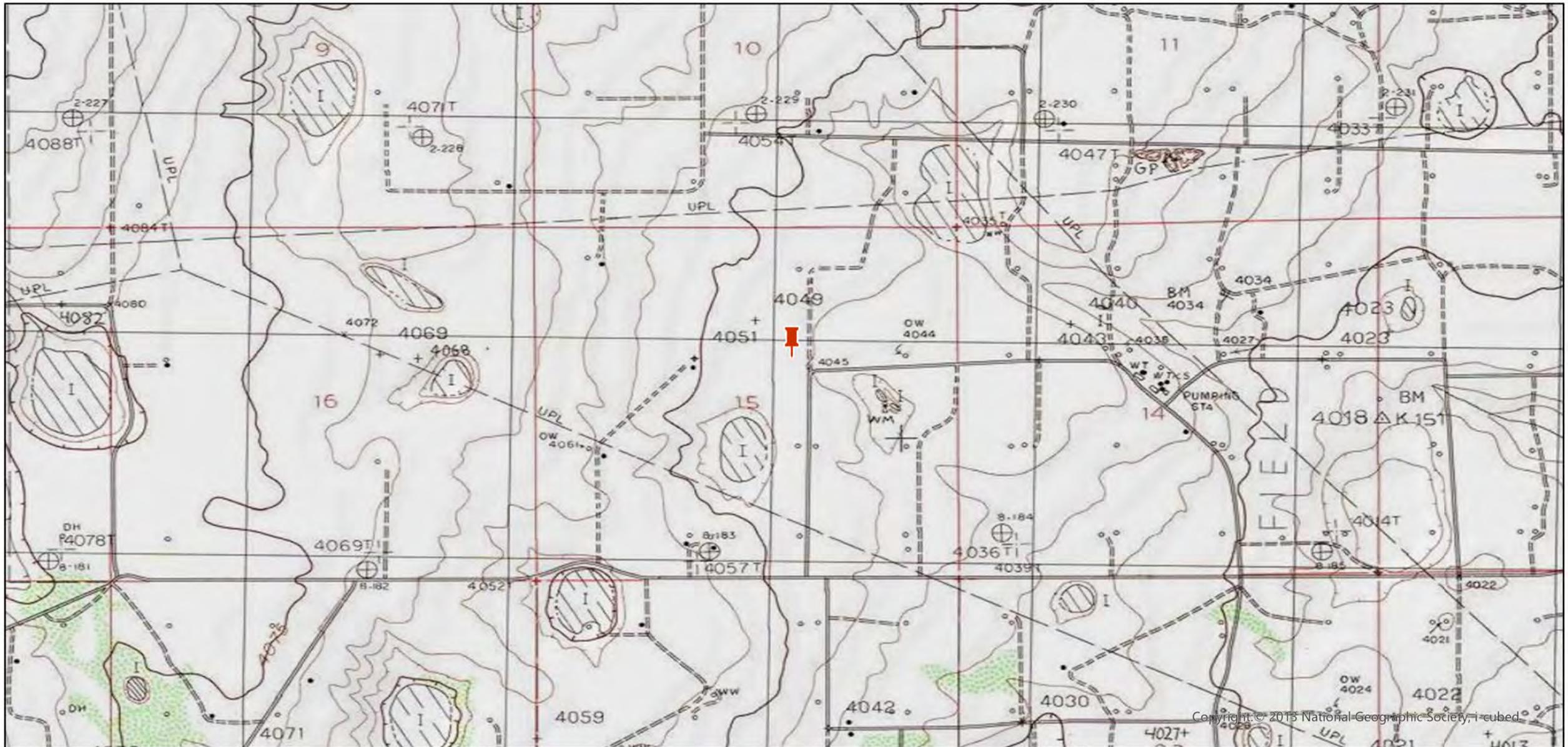
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CF-022.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	160.0	104.4	70.9	<10.0	70.9	33.5	<.300	<0.50
CF-022.0-00.5-P	0.5	12/4/2023	Floor	Off-Site	Composite	Excavated	288.0	971.0	648.0	<10.0	648.0	323.0	<.300	<0.50
CF-022.0-01.0-P	1	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,276.0	851.0	<10.0	851.0	425.0	<.300	<0.50
CF-022.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	1,198.0	850.0	<10.0	850.0	348.0	<.300	<0.50
CF-023.0-00.3-P	0.3	11/20/2023	Floor	Off-Site	Composite	Excavated	352.0	4,240.0	3,110.0	<10.0	3,110.0	1,130.0	<.300	<0.50
CF-023.0-01.5-P	1.5	12/5/2023	Floor	Off-Site	Composite	Excavated	176.0	835.0	529.0	<10.0	529.0	306.0	<.300	<0.50
CF-023.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,861.0	1,380.0	<10.0	1,380.0	481.0	<.300	<0.50
CF-023.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	1,222.0	955.0	<10.0	955.0	267.0	<.300	<0.50
CF-024.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	256.0	304.0	198.0	<10.0	198.0	106.0	<.300	<0.50
CF-024.0-01.5-P	1.5	12/5/2023	Floor	Off-Site	Composite	Excavated	176.0	1,247.0	926.0	<10.0	926.0	321.0	<.300	<0.50
CF-024.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,199.0	774.0	<10.0	774.0	425.0	<.300	<0.50
CF-024.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	320.0	671.0	399.0	<10.0	399.0	272.0	<.300	<0.50
CF-025.0-01.5-P	1.5	12/4/2023	Floor	Off-Site	Composite	Excavated	272.0	724.0	433.0	<10.0	433.0	291.0	<.300	<0.50
CF-025.0-02.5-P	2.5	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	1,098.0	693.0	<10.0	693.0	405.0	<.300	<0.50
CF-025.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	192.0	473.0	282.0	<10.0	282.0	191.0	<.300	<0.50
CF-026.0-01.5-P	1.5	12/4/2023	Floor	Off-Site	Composite	Excavated	256.0	710.0	426.0	<10.0	426.0	284.0	<.300	<0.50
CF-026.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	947.0	533.0	<10.0	533.0	414.0	<.300	<0.50
CF-026.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	159.8	140.0	<10.0	140.0	19.8	<.300	<0.50
CF-027.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	272.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-027.0-05.0-P	5	5/23/2024	Floor	Off-Site	Composite	In-Situ	656.0	191.8	132.0	<10.0	132.0	59.8	<.300	<0.50
CF-028.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	160.0	10.1	<10.0	<10.0	<10.0	10.1	<.300	<0.50
CF-028.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	471.0	338.0	<10.0	338.0	133.0	<.300	<0.50
CF-029.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	368.0	105.5	74.4	<10.0	74.4	31.1	<.300	<0.50
CF-029.0-01.5-P	1.5	12/4/2023	Floor	Off-Site	Composite	Excavated	256.0	258.0	131.0	<10.0	131.0	127.0	<.300	<0.50
CF-029.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	111.3	66.9	<10.0	66.9	44.4	<.300	<0.50
CF-029.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	235.6	209.0	<10.0	209.0	26.6	<.300	<0.50
CF-030.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	256.0	162.2	114.0	<10.0	114.0	48.2	<.300	<0.50
CF-030.0-01.5-P	1.5	12/4/2023	Floor	Off-Site	Composite	Excavated	208.0	263.0	137.0	<10.0	137.0	126.0	<.300	<0.50
CF-030.0-02.0-P	2	1/12/2024	Floor	Off-Site	Composite	Excavated	<16.0	614.0	370.0	<10.0	370.0	244.0	<.300	<0.50
CF-030.0-04.0-P	4	1/26/2024	Floor	Off-Site	Composite	In-Situ	<16.0	129.5	116.0	<10.0	116.0	13.5	<.300	<0.50
CF-031.0-00.0-P	0	11/20/2023	Floor	Off-Site	Composite	Excavated	96.0	87.3	70.0	<10.0	70.0	17.3	<.300	<0.50
CF-031.0-05.0-P	5	5/23/2024	Floor	Off-Site	Composite	In-Situ	448.0	161.2	111.0	<10.0	111.0	50.2	<.300	<0.50
Remediation Walls														
CW-001.0-00.5-P	0.5	11/20/2023	Wall	Off-Site	Composite	Excavated	160.0	87.5	61.5	<10.0	61.5	26.0	<.300	<0.50
CW-001.0-00.5-P	0.5	1/12/2024	Wall	Off-Site	Composite	Excavated	416.0	180.2	98.8	<10.0	98.8	81.4	<.300	<0.50
CW-001.1-02.0-P	2	2/7/2024	Wall	Off-Site	Composite	Excavated	560.0	382.6	318.0	<10.0	318.0	64.6	<.300	<0.50
CW-001.2-02.0-P	2	3/5/2024	Wall	Off-Site	Composite	In-Situ	224.0	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

**TABLE 2
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL**

**CROSS TIMBERS ENERGY, LLC
NORTH VACUUM ABO UNIT 298
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE #: NDHR1917955649**



SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							20000	2500	1000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
CW-002.0-00.5-P	0.5	1/12/2024	Wall	Off-Site	Composite	Excavated	400.0	193.8	105.0	<10.0	105.0	88.8	<.300	<0.50
CW-002.1-02.0-P	2	2/7/2024	Wall	Off-Site	Composite	In-Situ	384.0	84.2	60.3	<10.0	60.3	23.9	<.300	<0.50

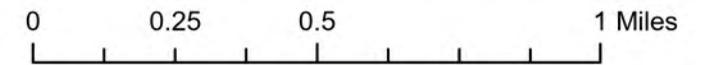


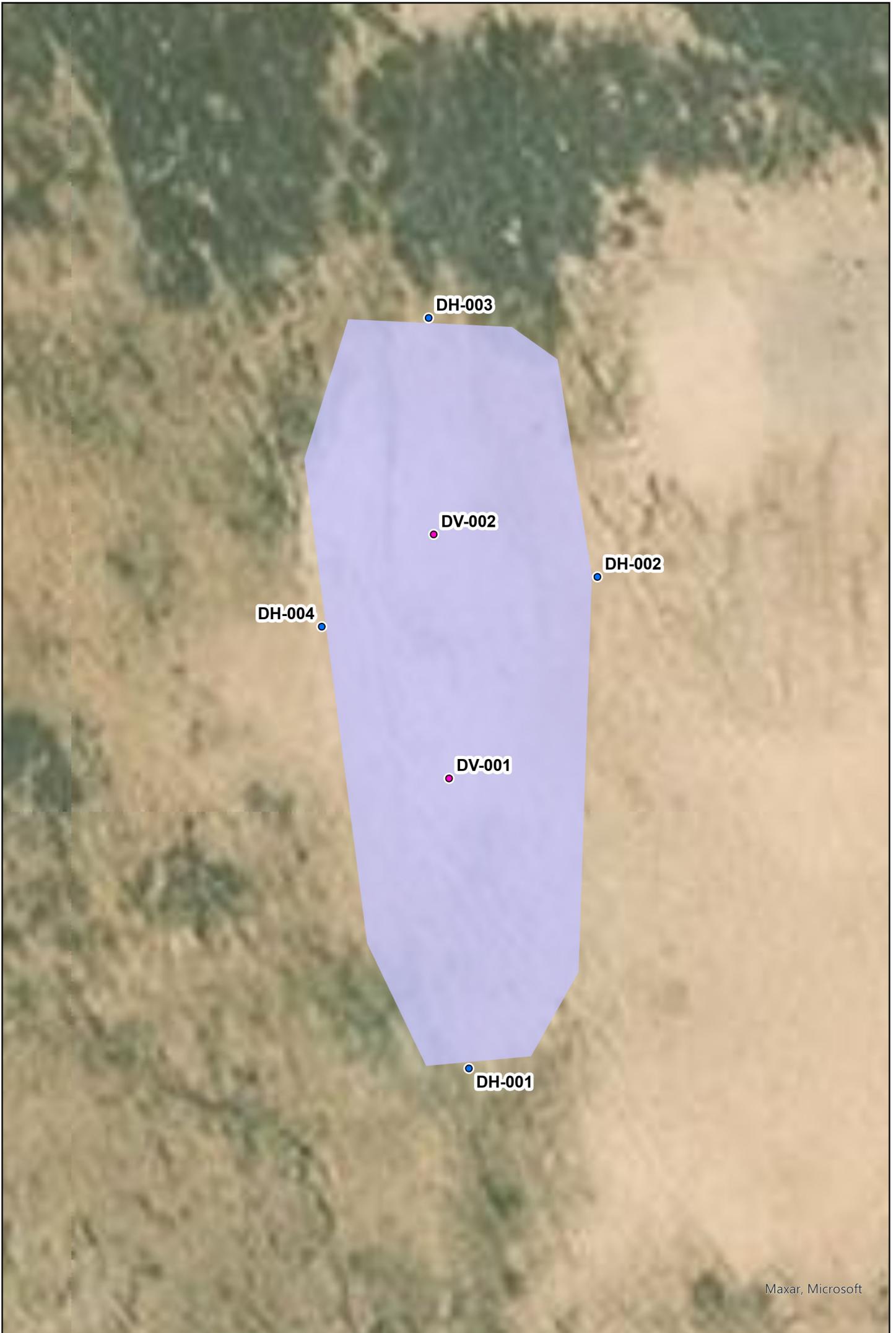
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Legend:

 Site Location

Site Location Map
Cross Timbers Energy, LLC
North Vacuum Abo Unit 298
32.836716, -103.546607
Lea County, New Mexico
NMOCD Reference # NDHR1917955649



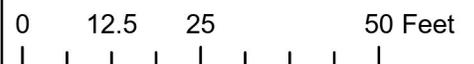


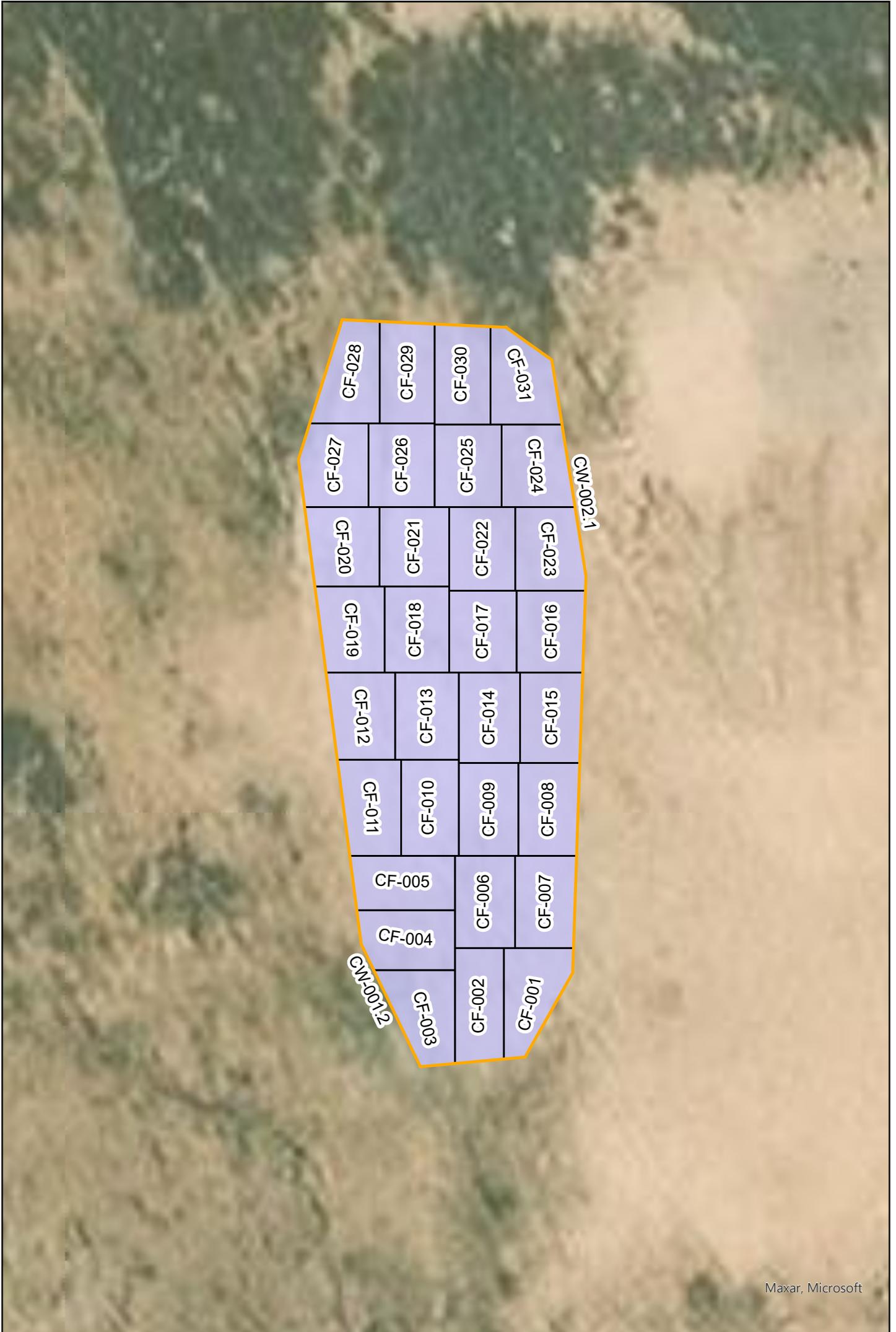
Maxar, Microsoft

Legend:

- Vertical Delineation
- Horizontal Delineation
- Release Area

Delineation Map
Cross Timbers Energy, LLC
North Vacuum Abo Unit 298
32.836716, -103.546607
Lea County, New Mexico
NMOCD Reference #
NDHR1917955649





Maxar, Microsoft

Legend:

-  Remediation Wall
-  Remediation Floor
-  Excavation Area

Remediation Map
Cross Timbers Energy, LLC
North Vacuum Abo Unit 298
32.836716, -103.546607
Lea County, New Mexico
NMOCD Reference #
NDHR1917955649

0 12.5 25 50 Feet





Excavation

Pasture:



Pasture:





Excavation

Pasture:



Pasture:





Excavation

Pasture:



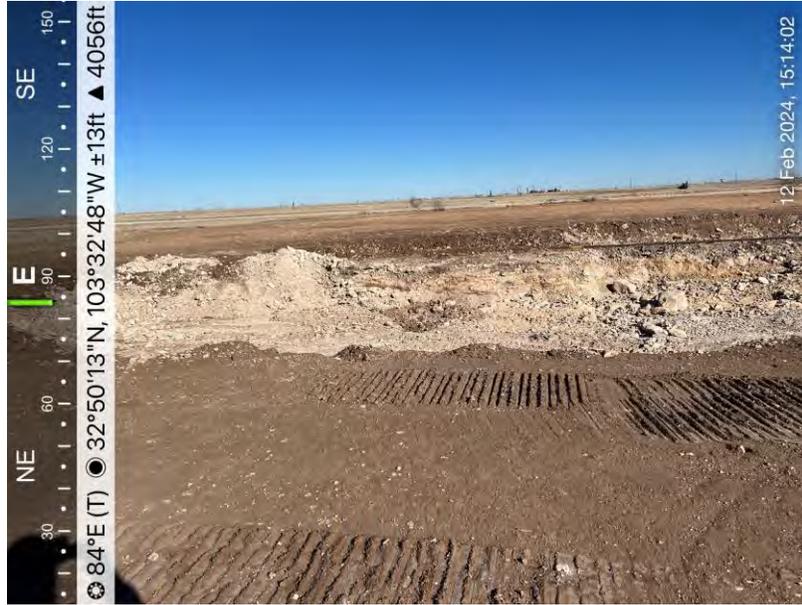
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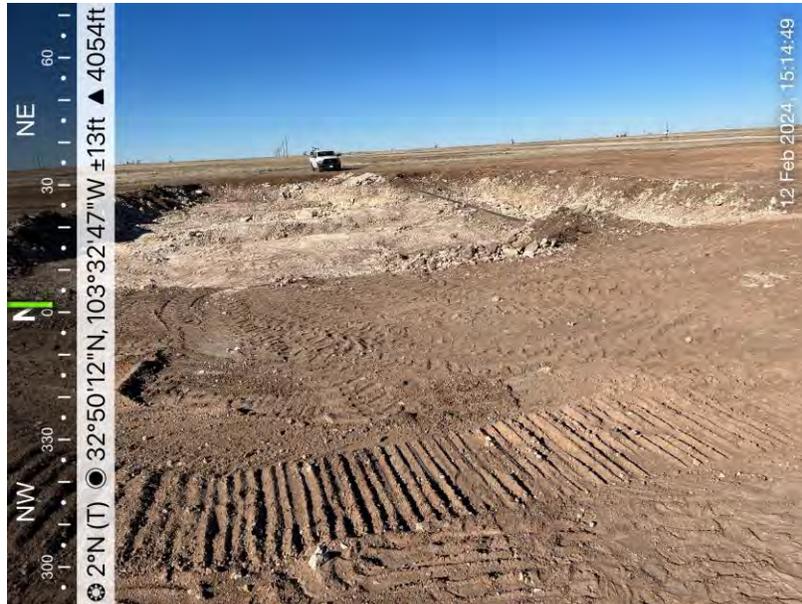


Excavation

Pasture:

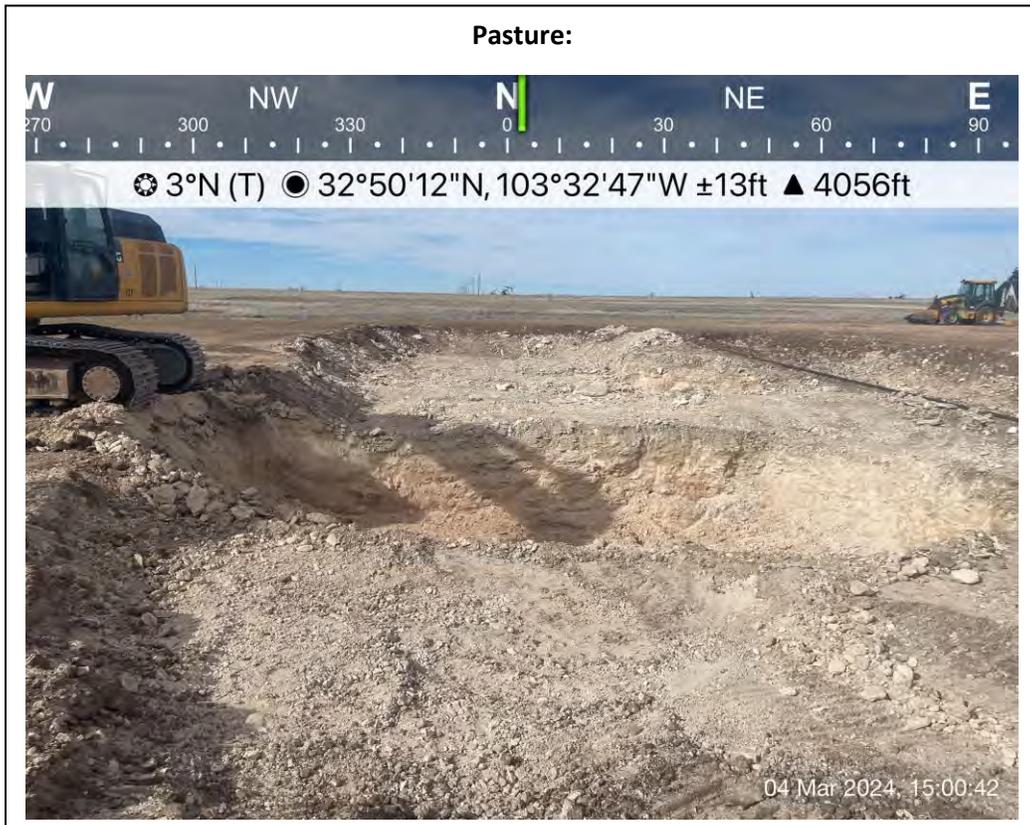
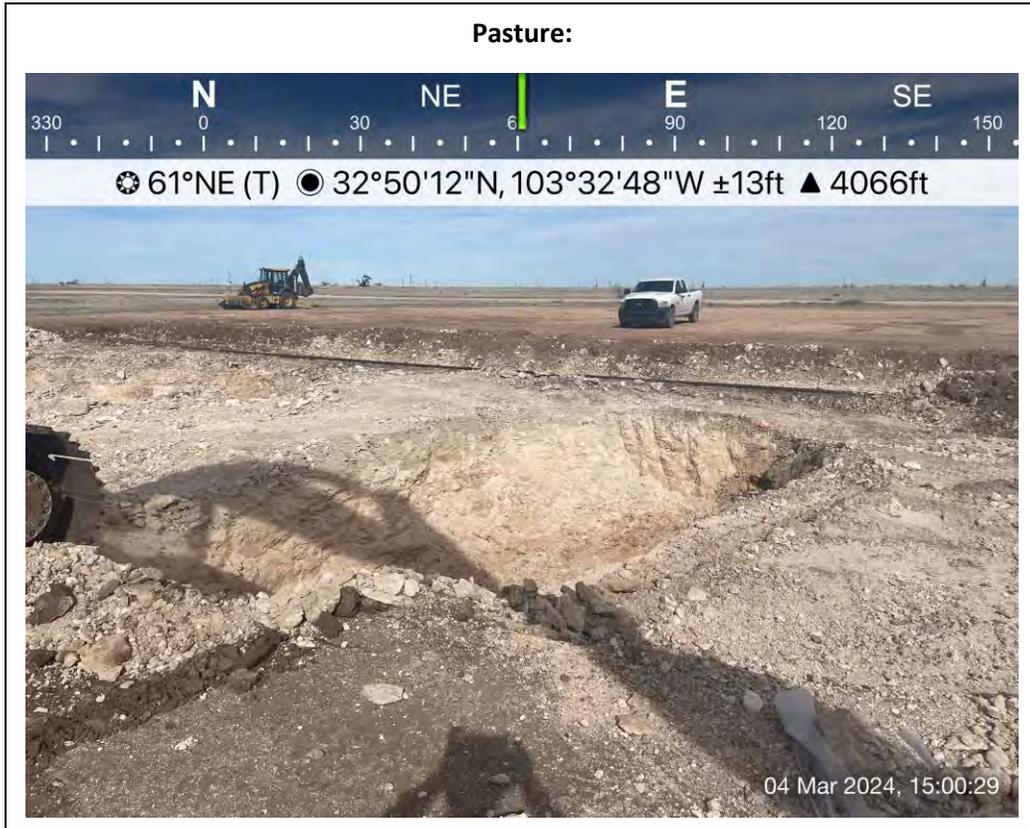


Pasture:



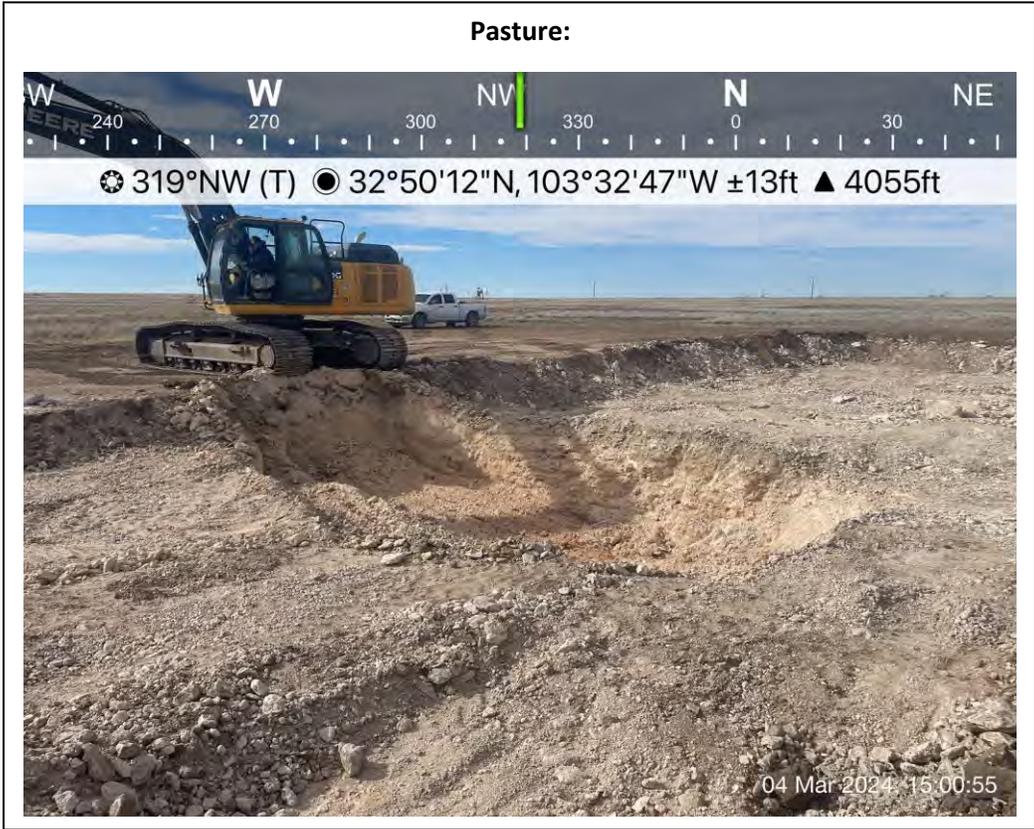


Excavation





Excavation



From: Dan Dunkelberg
To: Bratcher, Michael, EMNRD
Cc: Wells, Shelly, EMNRD; Josh Halcomb; Cynthia Jordan
Subject: RE: [EXTERNAL] Request for Final Variance and Commitment to Compliance Going Forward
Date: Friday, March 15, 2024 3:40:00 PM

Yes Sir,

Please see list below of all projects that have been completed:

Table with 3 columns: Rejected, Submitted, Pending Submission. Rows include project IDs and names such as NOY1800840250 PROXIMITY 30 FEDERAL #003, NAPP2225849972 DR PI FEDERAL UNIT 17 8 DA #031H, etc.

We are committed to maintaining compliance with all ongoing projects as well as those initiated in the future. Thank you for your time and consideration.

Sincerely,

Dan Dunkelberg
Environmental Regulatory Manager



Trinity Oilfield Services & Rentals, LLC
Cell: (575) 602-2403

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Tuesday, March 12, 2024 7:56 AM
To: Dan Dunkelberg <dan@trinityoilfieldservices.com>
Cc: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Josh Halcomb <josh@trinityoilfieldservices.com>; Cynthia Jordan <cynthia@trinityoilfieldservices.com>
Subject: RE: [EXTERNAL] Request for Final Variance and Commitment to Compliance Going Forward

Dan,

We will need a list of the incidents you are requesting a variance for.

Thanks,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd



From: Dan Dunkelberg <dan@trinityoilfieldservices.com>
Sent: Friday, March 8, 2024 3:46 PM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Cc: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Josh Halcomb <josh@trinityoilfieldservices.com>; Cynthia Jordan <cynthia@trinityoilfieldservices.com>
Subject: [EXTERNAL] Request for Final Variance and Commitment to Compliance Going Forward

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dear Mr. Bratcher,

I am reaching out to address a recent compliance issue that has been brought to our attention regarding the submission of reports without proper C141(n) confirmation sample notification dates. Upon thorough review, it has become apparent that some of the dates on our laboratory reports do not align with the notification dates sent, and regrettably, there were instances where notifications were mistakenly missed or not sent altogether. Please accept my sincere apologies for any inconvenience or concern this may have caused.

I want to assure you that this oversight was not intentional, and we are taking immediate steps to rectify the situation. Our team is diligently working to ensure that all necessary adjustments are made to comply with 19.15.29.12(D)1(a) NMAC. Furthermore, I want to emphasize that all other required information outlined in the Site Assessment and Remediation is complete and meets the 19.15.29 NMAC standards.

We fully recognize the significance of the C141(n) rule outlined in 19.15.29.12(D)1(a) NMAC, and have implemented comprehensive measures to ensure compliance across all our operations. Moving forward, all projects initiated since the issuance of the "Public Notice Implementation of Digital C-141 and Incident Statuses" on 12/01/2023, will strictly adhere to the requirement of submitting proper 48-hour notifications through the portal for confirmation sample dates.

In consideration of this issue, we are formally requesting a final variance for 19.15.29.12(D)1(a) NMAC on all projects started with release dates before 12/01/2023. We understand the importance of adhering to regulatory guidelines and acknowledge that there have been instances where our past projects did not fully meet this requirement.

Please know that we do not take this request lightly and assure you that it is not our intention to seek further variances regarding the 48-hour notice in the future. We are fully committed to ensuring compliance with all regulatory standards moving forward and have taken proactive steps to prevent similar issues from arising again.

We are available to discuss further at your best convenience and welcome the opportunity to provide any additional information or clarification you may require.

We sincerely appreciate your consideration of our request for a final variance and assure you of our unwavering commitment to compliance and continuous improvement. Our commitment to compliance with the 19.15.29 NMAC standards remains absolute, and we are dedicated to resolving this issue promptly and effectively. Thank you for your time and attention to this matter.

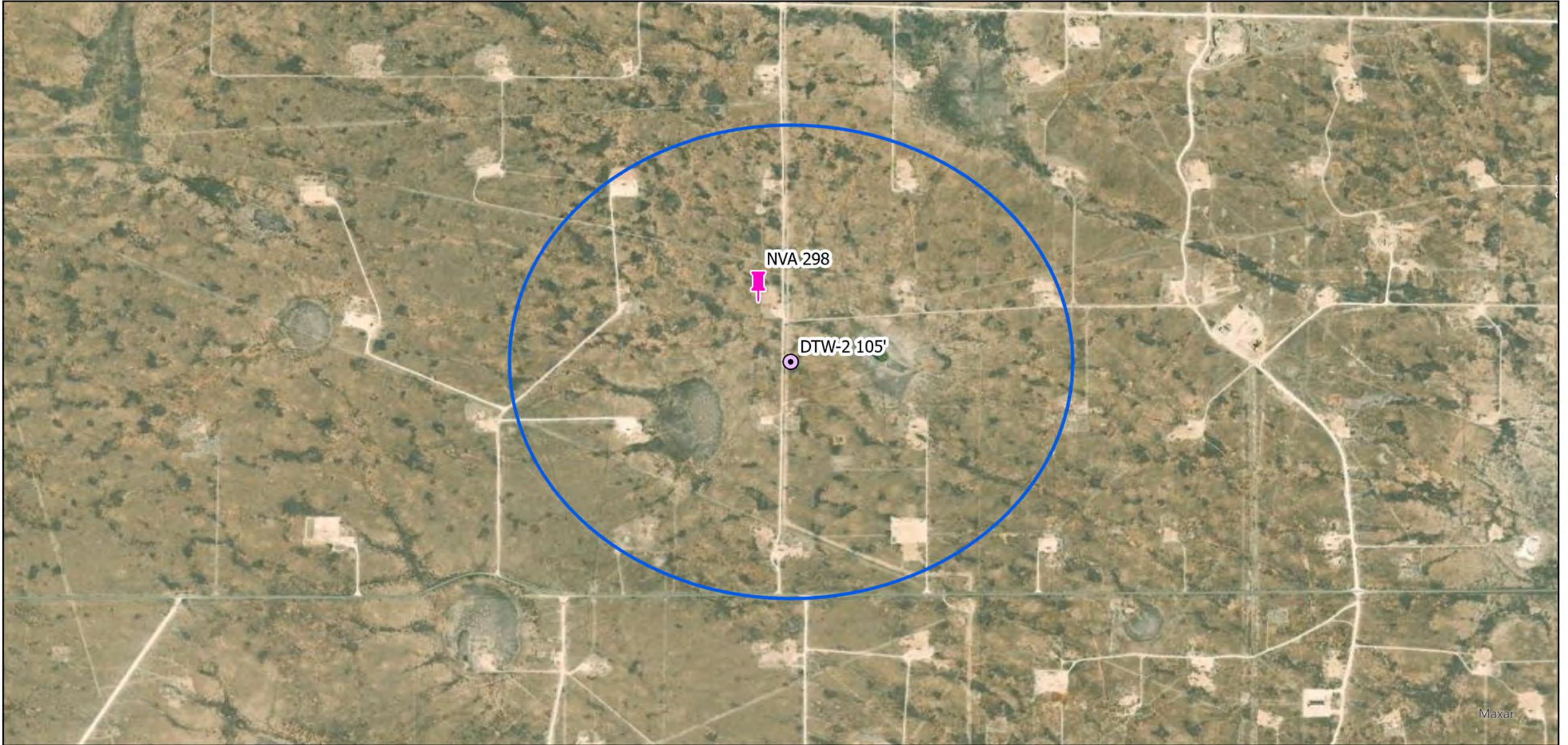
Sincerely,

Dan Dunkelberg
Environmental Regulatory Manager

[Redacted]

Trinity Oilfield Services & Rentals, LLC
Cell: (575) 602-2403

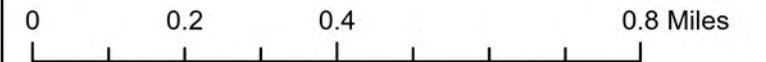
Kane Environmental Engineering Boring/Completion Log		Kane Environmental Engineering 2351 E. State Highway 21 Lincoln, TX 78948 Phone: 281-379-6580		1 OF 1
CLIENT: Morning Star Partners PROJECT: Depth to Water Program PROJECT NUMBER: LOCATION: Buckeye, N.M. BORING/WELL NAME: DTW 2 KANE REP: J. Rosen DRILLING METHOD: Coventional Rotary SAMPLING METHODS: Air Rotary Cuttings TOP CSG ELEV: GRND. ELEV:		Piezometer DTW 2		
START/END: February 6, 2023 5" borehole with tricone bit		DRILLER: Scarborough Drilling: License 2969AKP 3068AKP NM License: WD-1188 LATITUDE: 32.83487 LONGITUDE: -103.54562		
	CASING	DEPTH IN FEET	SOIL AND DRILLING DESCRIPTION	
		0 20 40 60 80 100 120	0 - 2' Topsoil, silty fine sand (SM-SP), w/angular pieces of caliche, brown, dry 2 - 17' Caliche, white to buff, lithified, very hard 17 - 105' Sand (SP), creme to tan, very fine grained, soft, moisture content increases with depth Sand contains random thin interbeds of hard caliche Switch to drag bit at 60', and add minimal water/foam to enhance cuttings removal Total depth (from ground surface) 105 feet No groundwater encountered upon completion of drilling Machine slotted, threaded, Schedule 40 PVC screen from 85 - 105 feet bgs, blank casing surface to 85 ft	



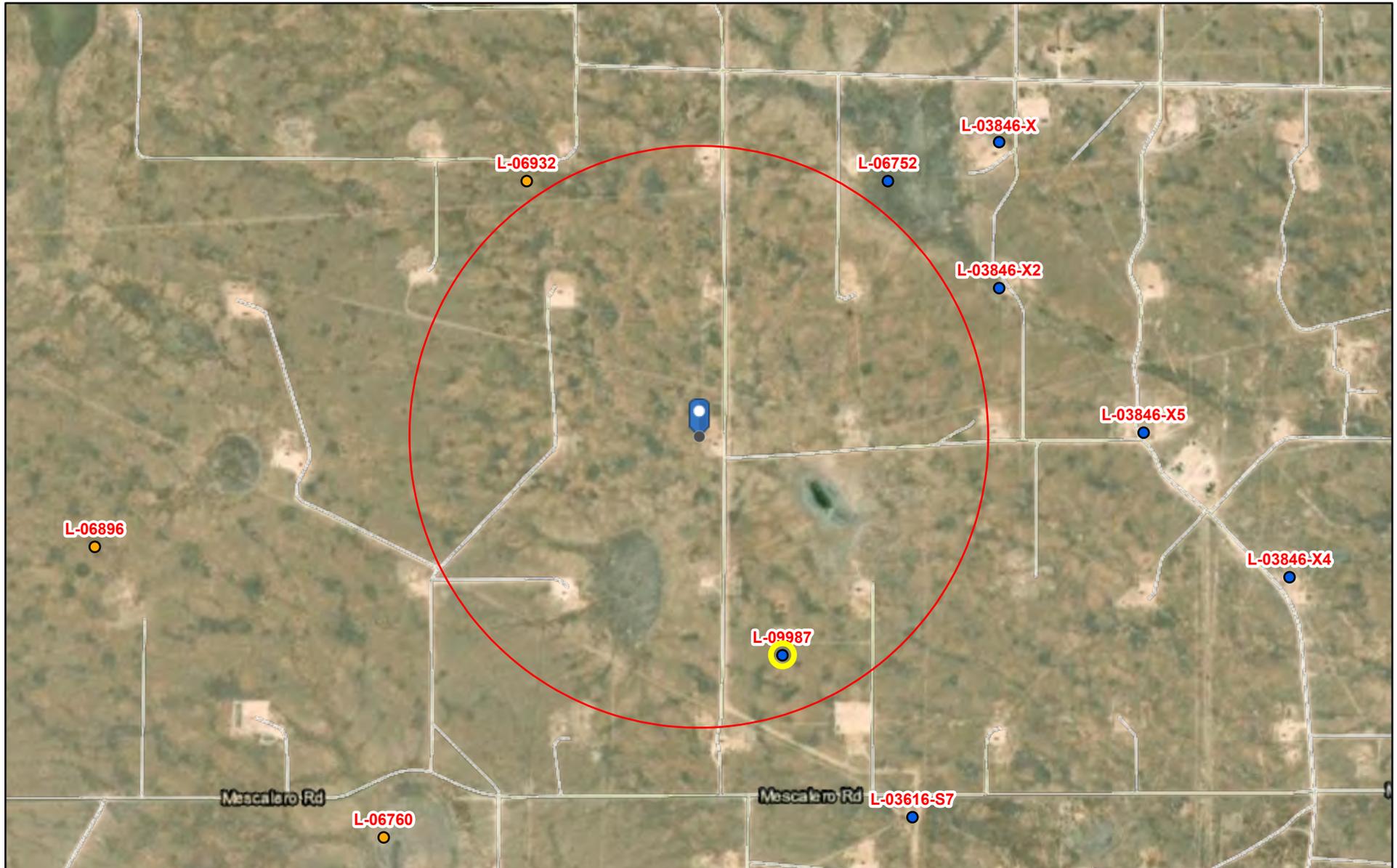
Legend:

-  Site Location
-  DTW Well
-  1/2 Mile Buffer

Depth to Water Map
Cross Timbers Energy, LLC
North Vacuum Abo Unit 298
32.836716, -103.546607
Lea County, New Mexico
NMOCD Reference # NDHR1917955649

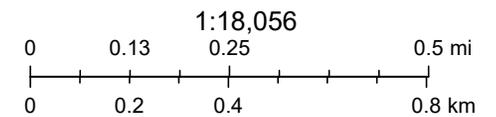


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GIS WATERS PODs ● Capped
● Active



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



NDHR1917955649 | NORTH VACUUM ABO UNIT 298



November 6, 2023

Wetlands

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

National Flood Hazard Layer FIRMMette



103°33'7"W 32°50'27"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
MAP PANELS		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

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



1:6,000

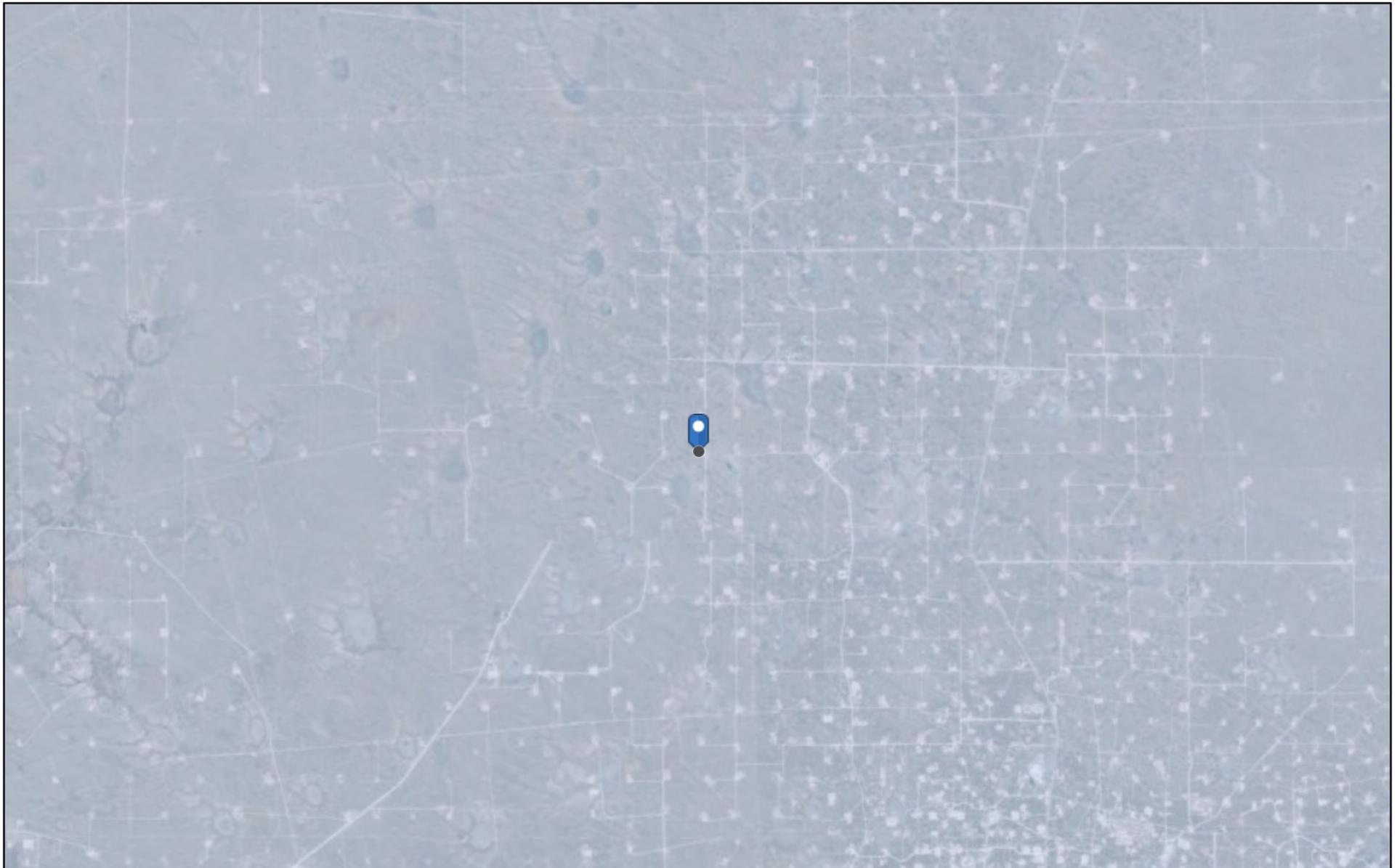
103°32'29"W 32°49'57"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/6/2023 at 5:50 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.

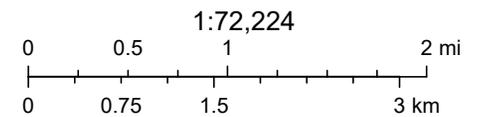
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Karst Occurrence Potential

 Low



BLM, OCD, New Mexico Tech, Earthstar Geographics



A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Lea County, New Mexico

NDHR1917955649 | NORTH
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March 15, 2024

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

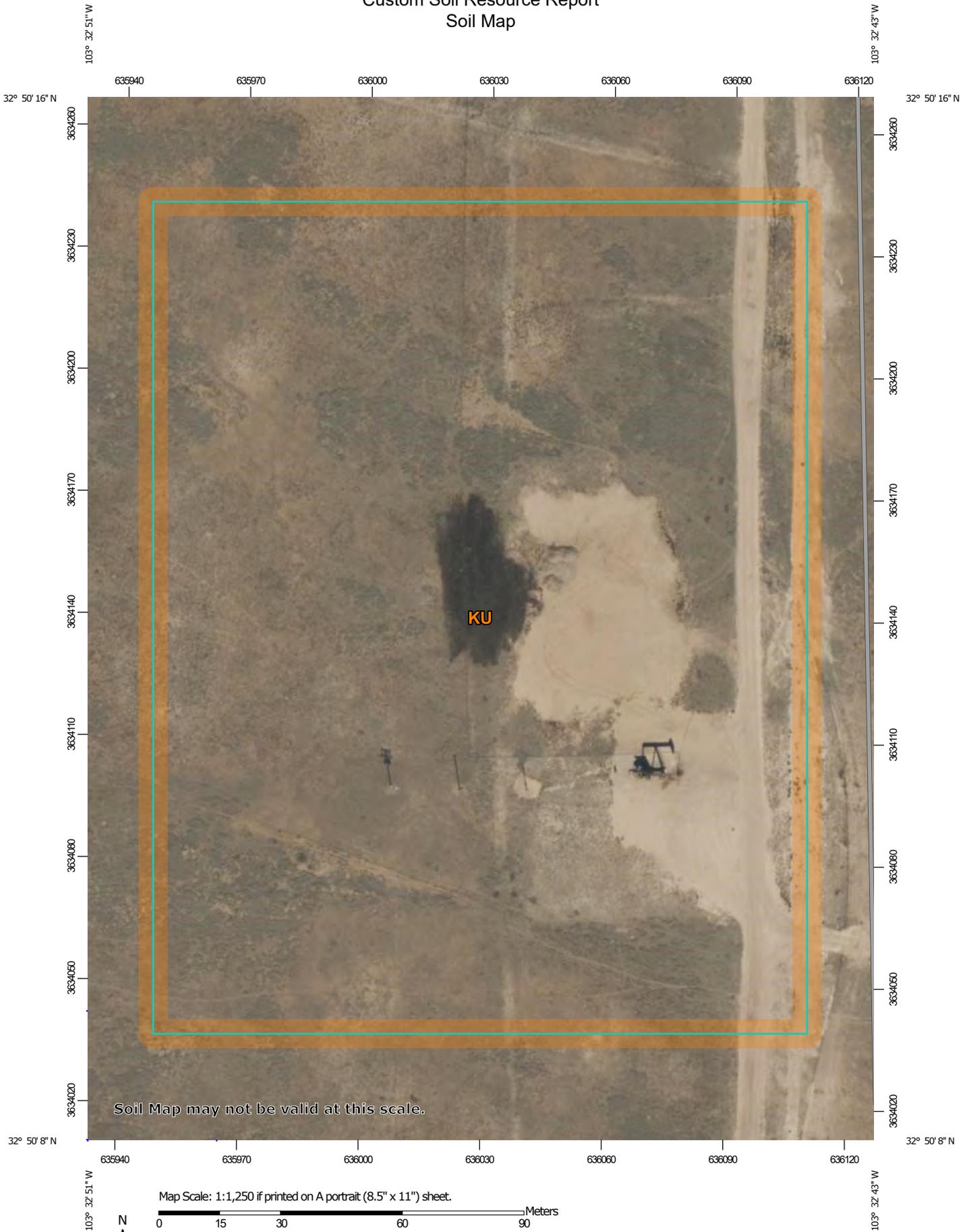
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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



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MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

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Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	8.2	100.0%
Totals for Area of Interest		8.2	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

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An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

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Lea County, New Mexico**KU—Kimbrough-Lea complex, dry, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 2tw46
Elevation: 2,500 to 4,800 feet
Mean annual precipitation: 14 to 16 inches
Mean annual air temperature: 57 to 63 degrees F
Frost-free period: 180 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Kimbrough and similar soils: 45 percent
Lea and similar soils: 25 percent
Minor components: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kimbrough**Setting**

Landform: Playa rims, plains
Down-slope shape: Convex, linear
Across-slope shape: Concave, linear
Parent material: Loamy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 3 inches: gravelly loam
Bw - 3 to 10 inches: loam
Bkkm1 - 10 to 16 inches: cemented material
Bkkm2 - 16 to 80 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 4 to 18 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.01 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 95 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R077DY049TX - Very Shallow 12-17" PZ
Hydric soil rating: No

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Description of Lea**Setting***Landform:* Plains*Down-slope shape:* Convex*Across-slope shape:* Linear*Parent material:* Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age**Typical profile***A - 0 to 10 inches:* loam*Bk - 10 to 18 inches:* loam*Bkk - 18 to 26 inches:* gravelly fine sandy loam*Bkkm - 26 to 80 inches:* cemented material**Properties and qualities***Slope:* 0 to 3 percent*Depth to restrictive feature:* 22 to 30 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* High*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 90 percent*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*Sodium adsorption ratio, maximum:* 3.0*Available water supply, 0 to 60 inches:* Very low (about 2.9 inches)**Interpretive groups***Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R077DY047TX - Sandy Loam 12-17" PZ*Hydric soil rating:* No**Minor Components****Kenhill***Percent of map unit:* 12 percent*Landform:* Plains*Down-slope shape:* Linear*Across-slope shape:* Linear*Ecological site:* R077DY038TX - Clay Loam 12-17" PZ*Hydric soil rating:* No**Douro***Percent of map unit:* 12 percent*Landform:* Plains*Down-slope shape:* Linear*Across-slope shape:* Linear*Ecological site:* R077DY047TX - Sandy Loam 12-17" PZ*Other vegetative classification:* Unnamed (G077DH000TX)*Hydric soil rating:* No

Custom Soil Resource Report

Spraberry

Percent of map unit: 6 percent

Landform: Playa rims, plains

Down-slope shape: Convex, linear

Across-slope shape: Linear

Ecological site: R077DY049TX - Very Shallow 12-17" PZ

Other vegetative classification: Unnamed (G077DH000TX)

Hydric soil rating: No

Soil Information for All Uses

Suitabilities and Limitations for Use

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

Soil Health

Soil health interpretations are designed to be used as tools for evaluating and managing a soil's capacity to function as a vital living ecosystem that sustains plants, animals, and humans. Example interpretations include compaction, surface sealing, carbon sequestration, resistance and resilience, management systems and practices, and cover crops.

Fragile Soil Index

SOH - Soil Health

Soils can be rated based on their susceptibility to degradation in the "Fragile Soil Index" interpretation. Fragile soils are those that are most vulnerable to degradation. In other words, they can be easily degraded they have a low resistance to degradation processes. They tend to be highly susceptible to erosion and can have a low capacity to recover after degradation has occurred (low resilience). Fragile soils are generally characterized by a low content of organic matter, low aggregate stability, and weak soil structure. They are generally located on sloping ground, have sparse plant cover, and tend to be in arid or semiarid regions. The index can be used for conservation and watershed planning to assist in identifying soils and areas highly vulnerable to degradation.

Depending on inherent soil characteristics and the climate, soils can vary from highly resistant, or stable, to vulnerable and extremely sensitive to degradation. Under stress, fragile soils can degrade to a new altered state, which may be less favorable or unfavorable for plant growth and less capable of performing soil functions. To assess the fragility of the soil, indicators of vulnerability to degradation

Custom Soil Resource Report

processes are used. They include organic matter, soil structure, rooting depth, vegetative cover, slope, and aridity.

The organic matter content indicates the capacity of the soil to resist and/or recover from degradation processes. Organic matter improves the soil pore structure, increases water infiltration, and reduces soil compaction and soil erosion. Soil structure indicates the capacity of the soil to resist degradation from accelerated water erosion (by increasing the amount of infiltration). Pore structure is the most important aspect of soil structure as pores provide habitat for organism. Shallow soils are more vulnerable to degradation processes because they have limited rooting depth and have a reduced amount of material from which to form new soil. As erosion removes the upper soil profile, productivity will decline if the subsoil is limiting for crop growth. Vegetative cover is very important as uncovered soil is most vulnerable to the processes of soil erosion, both by wind and water. Slope (a measure of the steepness or the degree of inclination) indicates the degree of vulnerability to erosion and mass movement. Aridity is defined by the shortage of moisture. Lack of water is a main factor limiting biological processes and the ability of the soil to resist and/or recover from degradation.

Soils are placed into interpretive classes based on their index rating, which ranges from 0 to 1. An index rating of 1 is the most fragile, while a rating of zero is the least fragile. Interpretative classes are as follows:

Not Fragile (index rating less than or equal to 0.009) These soils have a very high potential to resist degradation and be highly resilient. They are highly structured with an organic matter content greater than 5.7%, are nearly level, are deep or very deep, have greater than 85% vegetative cover, and are in a climate that is wet or very wet.

Slightly Fragile (index rating less than 0.009 and less than or equal to 0.209) These soils have a high potential to resist degradation and be resilient. They are:

- Poorly structured to weakly structured soils that have an extremely low to moderate content of organic matter, are very deep, have high vegetative cover, occur on nearly level ground, and are in wet or very wet climates;
- Highly structured soils that have a very high content of organic matter, are very shallow to moderately deep, have high vegetative cover, occur on nearly level ground, and are in wet or very wet climates;
- Highly structured soils that have a very high content of organic matter, are very deep, have low to moderately high vegetative cover, occur on nearly level ground, and are in wet or very wet climates;
- Highly structured soils that have a very high content of organic matter, are very deep, have high vegetative cover; are on slopes greater than 3%, and are in wet or very wet climates; or
- Highly structured soils that have a very high content of organic matter, are very deep, have high vegetative cover; occur on nearly level ground, and in semi-dry to mildly wet climates;

Custom Soil Resource Report

Moderately Fragile (index rating greater than 0.209 and less than or equal to 0.409) These soils have a moderate potential to resist degradation and be moderately resilient. They are:

— Highly structured soils that have a very high content of organic matter, are very shallow, have high vegetative cover, occur in nearly level to moderately sloping areas, and are in semi-dry climates;

— Poorly structured soils that have an extremely low content of organic matter, are deep, have low vegetative cover, occur in nearly level areas, and are in wet or very wet climates;

— Poorly structured soils that have an extremely low content of organic matter, occur on gentle to very steep slopes, have high vegetative cover, and are in wet or very wet climates;

— Weakly structured soils that have a very low content of organic matter, are deep, occur in nearly level to gently sloping areas, have high vegetative cover, and are in semi-dry climates; or

— Weakly structured soils that have a very low content of organic matter, are very shallow to very deep, occur in nearly level to strongly sloping areas, have high vegetative cover, and are in mildly wet climates.

Fragile (index rating greater than 0.409 and less than or equal to 0.609) These soils have a low potential to resist degradation and low resilience. They are:

— Well structured soils that have a low content of organic matter, are shallow to very deep, have moderate to moderately high vegetative cover, occur on steep slopes, and are in dry climates;

— Well structured soils that have a low content of organic matter, are shallow to very deep, have a low vegetative cover, occur in nearly level to gently sloping areas, and are in dry climates;

— Well structured soils that have a low content of organic matter, are deep, have low vegetative cover, occur on nearly level to very steep slopes, and are in a semi-dry climate;

— Moderately structured soils that have a very low content of organic matter, are deep, have moderately high vegetative cover, occur on moderately steep to very steep slopes, and are in semi-dry climates; or

— Weakly structured soils that have a low content of organic matter, occur on moderately steep to very steep slopes, have low vegetative cover, and are in wet or very wet climates.

Very Fragile (index rating greater than 0.609 and less than or equal to 0.809) These soils have a very low potential to resist degradation and very low resilience. They are:

Custom Soil Resource Report

— Weakly structured soils that have an extremely low content of organic matter, are deep, have low vegetative cover, occur on nearly level to very steep slopes, and are in dry climates;

— Weakly structured soils that have an extremely low content of organic matter, are shallow to very deep, have low vegetative cover, occur on nearly level to very steep slopes, and are in very dry climates; or

— Poorly structured soils that have an extremely low content of organic matter, are very shallow, have no vegetative cover, occur on steep slopes, and are in mildly wet to wet climates.

Extremely Fragile (index rating greater than 0.809 and less than or equal to 1.0)

These soils can have no potential to resist degradation and no resilience. They are:

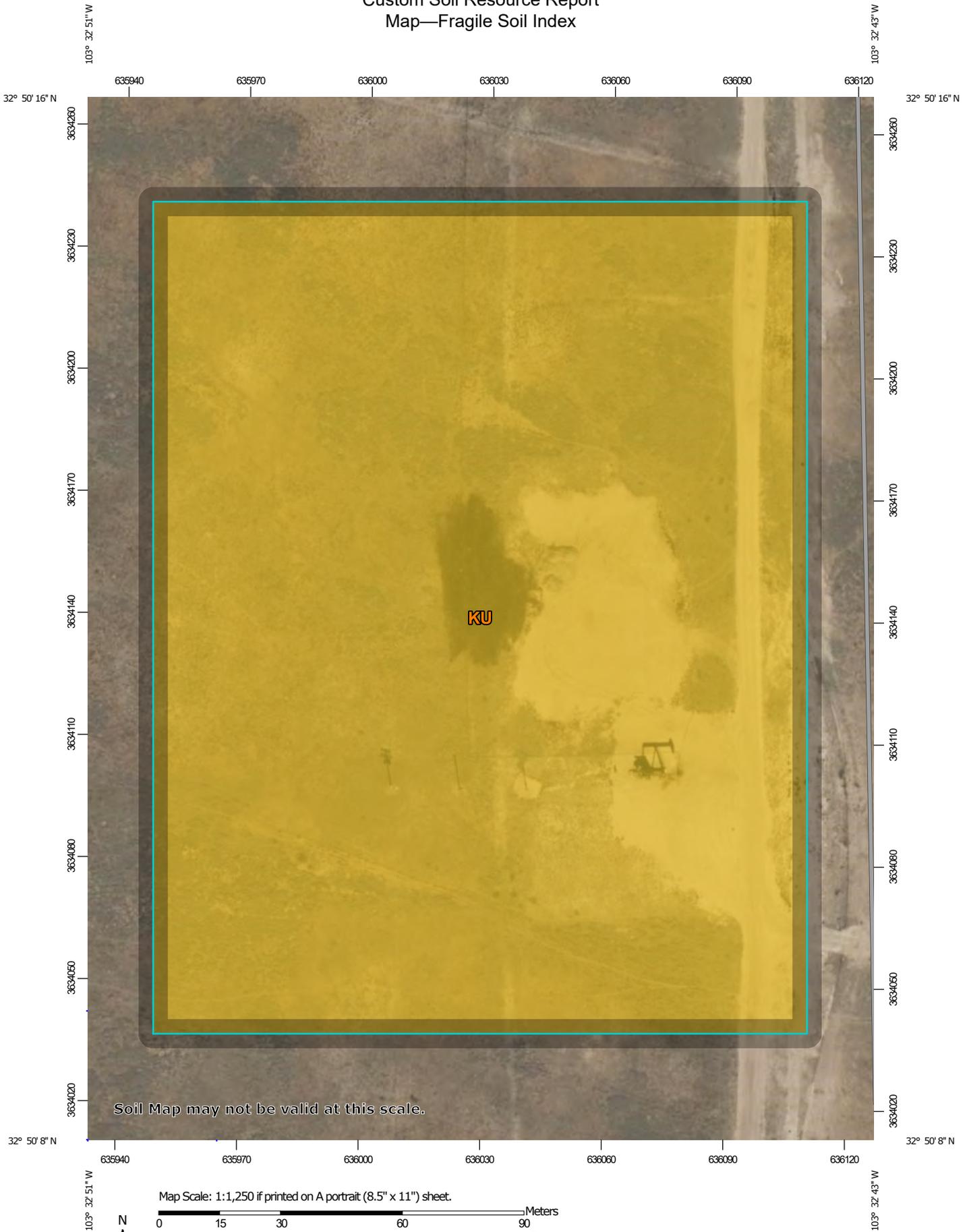
— Poorly structured soils that have an extremely low content of organic matter, are very shallow, have low vegetative cover, occur on very steep slopes, and are in dry or very dry climates;

— Weakly structured soils that have a very low content of organic matter, are nearly level to very deep, have low vegetative cover, occur on very steep slopes, and are in dry climates; or

— Very shallow soils on steep slopes.

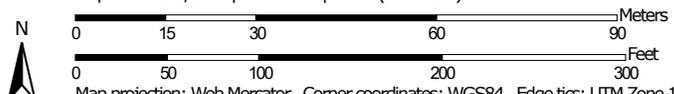
The interpretive rating is based on soils that occur in the dominant land use for the map unit component and may not represent soils that occur in site-specific land uses.

Custom Soil Resource Report Map—Fragile Soil Index



Soil Map may not be valid at this scale.

Map Scale: 1:1,250 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

MAP LEGEND

- Area of Interest (AOI)**
 -  Area of Interest (AOI)
- Soils**
 - Soil Rating Polygons**
 -  Extremely fragile
 -  Highly fragile
 -  Fragile
 -  Moderately fragile
 -  Slightly fragile
 -  Not fragile
 -  Not rated or not available
 - Soil Rating Lines**
 -  Extremely fragile
 -  Highly fragile
 -  Fragile
 -  Moderately fragile
 -  Slightly fragile
 -  Not fragile
 -  Not rated or not available
 - Soil Rating Points**
 -  Extremely fragile
 -  Highly fragile
 -  Fragile
 -  Moderately fragile
 -  Slightly fragile
 -  Not fragile
- Water Features**
 -  Streams and Canals
- Transportation**
 -  Rails
 -  Interstate Highways
 -  US Routes
 -  Major Roads
 -  Local Roads
- Background**
 -  Aerial Photography
-  Not rated or not available

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Tables—Fragile Soil Index

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	Fragile	Kimbrough (45%)	Poor structure (1.00)	8.2	100.0%
				Dry (0.70)		
				Low organic matter (0.69)		
				Shallow (0.65)		
				High vegetative cover (0.07)		
			Kenhill (12%)	Poor structure (1.00)		
				Very low organic matter (0.91)		
				Dry (0.70)		
				Moderately deep (0.27)		
				Moderately-high vegetative cover (0.14)		
			Douro (12%)	Extremely low organic matter (0.95)		
				Weakly structured (0.75)		
				Dry (0.70)		
				Moderately deep (0.25)		
				Nearly level (0.02)		
			Spraberry (6%)	Extremely low organic matter (0.97)		
				Weakly structured (0.75)		
				Dry (0.70)		
				Moderately deep (0.45)		
				High vegetative cover (0.07)		
Totals for Area of Interest					8.2	100.0%

Custom Soil Resource Report

Rating	Acres in AOI	Percent of AOI
Fragile	8.2	100.0%
Totals for Area of Interest	8.2	100.0%

Rating Options—Fragile Soil Index

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Custom Soil Resource Report

Soil Properties and Qualities

The Soil Properties and Qualities section includes various soil properties and qualities displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each property or quality.

Soil Chemical Properties

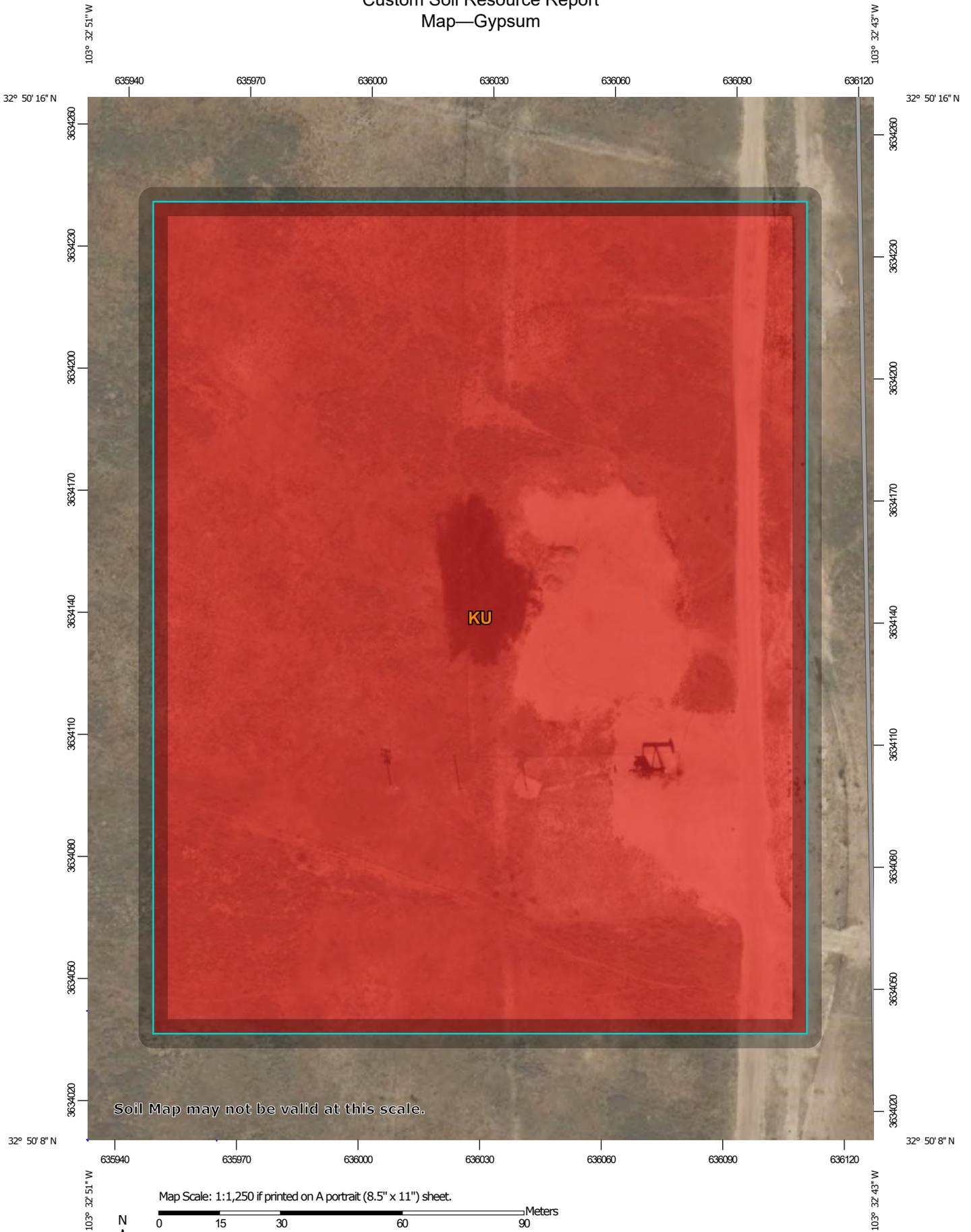
Soil Chemical Properties are measured or inferred from direct observations in the field or laboratory. Examples of soil chemical properties include pH, cation exchange capacity, calcium carbonate, gypsum, and electrical conductivity.

Gypsum

The content of gypsum is the percent, by weight, of hydrated calcium sulfates in the fraction of the soil less than 20 millimeters in size. Gypsum is partially soluble in water. Soils high in content of gypsum, such as those with more than 10 percent gypsum, may collapse if the gypsum is removed by percolating water. Gypsum is corrosive to concrete.

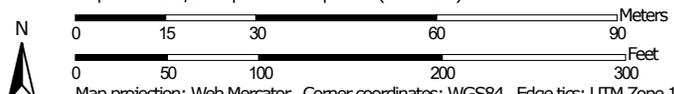
For each soil layer, this attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Custom Soil Resource Report Map—Gypsum



Soil Map may not be valid at this scale.

Map Scale: 1:1,250 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

 = 0

 Not rated or not available

Soil Rating Lines

 = 0

 Not rated or not available

Soil Rating Points

 = 0

 Not rated or not available

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Table—Gypsum

Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	0	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—Gypsum

Units of Measure: percent

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: Yes

Custom Soil Resource Report

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

Layer Options (Horizon Aggregation Method): Surface Layer (Not applicable)

For an attribute of a soil horizon, a depth qualification must be specified. In most cases it is probably most appropriate to specify a fixed depth range, either in centimeters or inches. The Bottom Depth must be greater than the Top Depth, and the Top Depth can be greater than zero. The choice of "inches" or "centimeters" only applies to the depth of soil to be evaluated. It has no influence on the units of measure the data are presented in.

When "Surface Layer" is specified as the depth qualifier, only the surface layer or horizon is considered when deriving a value for a component, but keep in mind that the thickness of the surface layer varies from component to component.

When "All Layers" is specified as the depth qualifier, all layers recorded for a component are considered when deriving the value for that component.

Whenever more than one layer or horizon is considered when deriving a value for a component, and the attribute being aggregated is a numeric attribute, a weighted average value is returned, where the weighting factor is the layer or horizon thickness.

Soil Erosion Factors

Soil Erosion Factors are soil properties and interpretations used in evaluating the soil for potential erosion. Example soil erosion factors can include K factor for the whole soil or on a rock free basis, T factor, wind erodibility group and wind erodibility index.

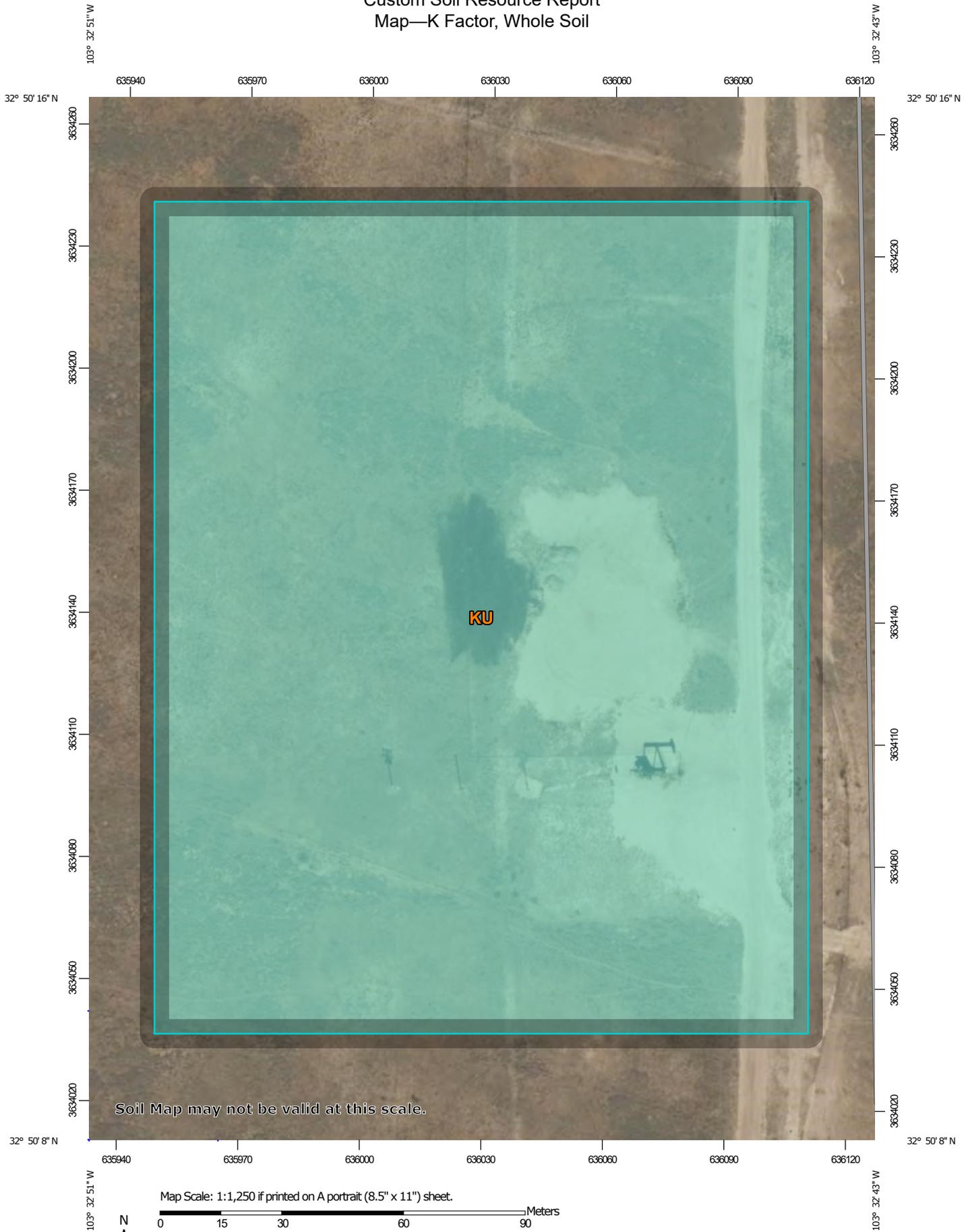
K Factor, Whole Soil

Erosion factor K indicates the susceptibility of a soil to sheet and rill erosion by water. Factor K is one of six factors used in the Universal Soil Loss Equation (USLE) and the Revised Universal Soil Loss Equation (RUSLE) to predict the average annual rate of soil loss by sheet and rill erosion in tons per acre per year. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and saturated hydraulic conductivity (Ksat). Values of K range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water.

"Erosion factor Kw (whole soil)" indicates the erodibility of the whole soil. The estimates are modified by the presence of rock fragments.

Factor K does not apply to organic horizons and is not reported for those layers.

Custom Soil Resource Report Map—K Factor, Whole Soil



Custom Soil Resource Report

MAP LEGEND		MAP INFORMATION																																																																																																												
<p>Area of Interest (AOI)</p> <p> Area of Interest (AOI)</p> <p>Soils</p> <p>Soil Rating Polygons</p> <table border="0"> <tr><td></td><td>.02</td></tr> <tr><td></td><td>.05</td></tr> <tr><td></td><td>.10</td></tr> <tr><td></td><td>.15</td></tr> <tr><td></td><td>.17</td></tr> <tr><td></td><td>.20</td></tr> <tr><td></td><td>.24</td></tr> <tr><td></td><td>.28</td></tr> <tr><td></td><td>.32</td></tr> <tr><td></td><td>.37</td></tr> <tr><td></td><td>.43</td></tr> <tr><td></td><td>.49</td></tr> <tr><td></td><td>.55</td></tr> <tr><td></td><td>.64</td></tr> <tr><td></td><td>Not rated or not available</td></tr> </table> <p>Soil Rating Lines</p> <table border="0"> <tr><td></td><td>.02</td></tr> <tr><td></td><td>.05</td></tr> <tr><td></td><td>.10</td></tr> <tr><td></td><td>.15</td></tr> <tr><td></td><td>.17</td></tr> <tr><td></td><td>.20</td></tr> </table>		.02		.05		.10		.15		.17		.20		.24		.28		.32		.37		.43		.49		.55		.64		Not rated or not available		.02		.05		.10		.15		.17		.20	<table border="0"> <tr><td></td><td>.24</td></tr> <tr><td></td><td>.28</td></tr> <tr><td></td><td>.32</td></tr> <tr><td></td><td>.37</td></tr> <tr><td></td><td>.43</td></tr> <tr><td></td><td>.49</td></tr> <tr><td></td><td>.55</td></tr> <tr><td></td><td>.64</td></tr> <tr><td></td><td>Not rated or not available</td></tr> </table> <p>Soil Rating Points</p> <table border="0"> <tr><td></td><td>.02</td></tr> <tr><td></td><td>.05</td></tr> <tr><td></td><td>.10</td></tr> <tr><td></td><td>.15</td></tr> <tr><td></td><td>.17</td></tr> <tr><td></td><td>.20</td></tr> <tr><td></td><td>.24</td></tr> <tr><td></td><td>.28</td></tr> <tr><td></td><td>.32</td></tr> <tr><td></td><td>.37</td></tr> <tr><td></td><td>.43</td></tr> <tr><td></td><td>.49</td></tr> <tr><td></td><td>.55</td></tr> <tr><td></td><td>.64</td></tr> <tr><td></td><td>Not rated or not available</td></tr> </table> <p>Water Features</p> <table border="0"> <tr><td></td><td>.24</td></tr> <tr><td></td><td>.28</td></tr> <tr><td></td><td>.32</td></tr> <tr><td></td><td>.37</td></tr> <tr><td></td><td>.43</td></tr> <tr><td></td><td>.49</td></tr> <tr><td></td><td>.55</td></tr> <tr><td></td><td>.64</td></tr> <tr><td></td><td>Not rated or not available</td></tr> </table>		.24		.28		.32		.37		.43		.49		.55		.64		Not rated or not available		.02		.05		.10		.15		.17		.20		.24		.28		.32		.37		.43		.49		.55		.64		Not rated or not available		.24		.28		.32		.37		.43		.49		.55		.64		Not rated or not available	<p>Streams and Canals</p> <p></p> <p>Transportation</p> <p> Rails</p> <p> Interstate Highways</p> <p> US Routes</p> <p> Major Roads</p> <p> Local Roads</p> <p>Background</p> <p> Aerial Photography</p>
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		<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>Warning: Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p> </div> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 20, Sep 6, 2023</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>																																																																																																												

Custom Soil Resource Report

Table—K Factor, Whole Soil

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	.32	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—K Factor, Whole Soil

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

Custom Soil Resource Report

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Layer Options (Horizon Aggregation Method): Surface Layer (Not applicable)

For an attribute of a soil horizon, a depth qualification must be specified. In most cases it is probably most appropriate to specify a fixed depth range, either in centimeters or inches. The Bottom Depth must be greater than the Top Depth, and the Top Depth can be greater than zero. The choice of "inches" or "centimeters" only applies to the depth of soil to be evaluated. It has no influence on the units of measure the data are presented in.

When "Surface Layer" is specified as the depth qualifier, only the surface layer or horizon is considered when deriving a value for a component, but keep in mind that the thickness of the surface layer varies from component to component.

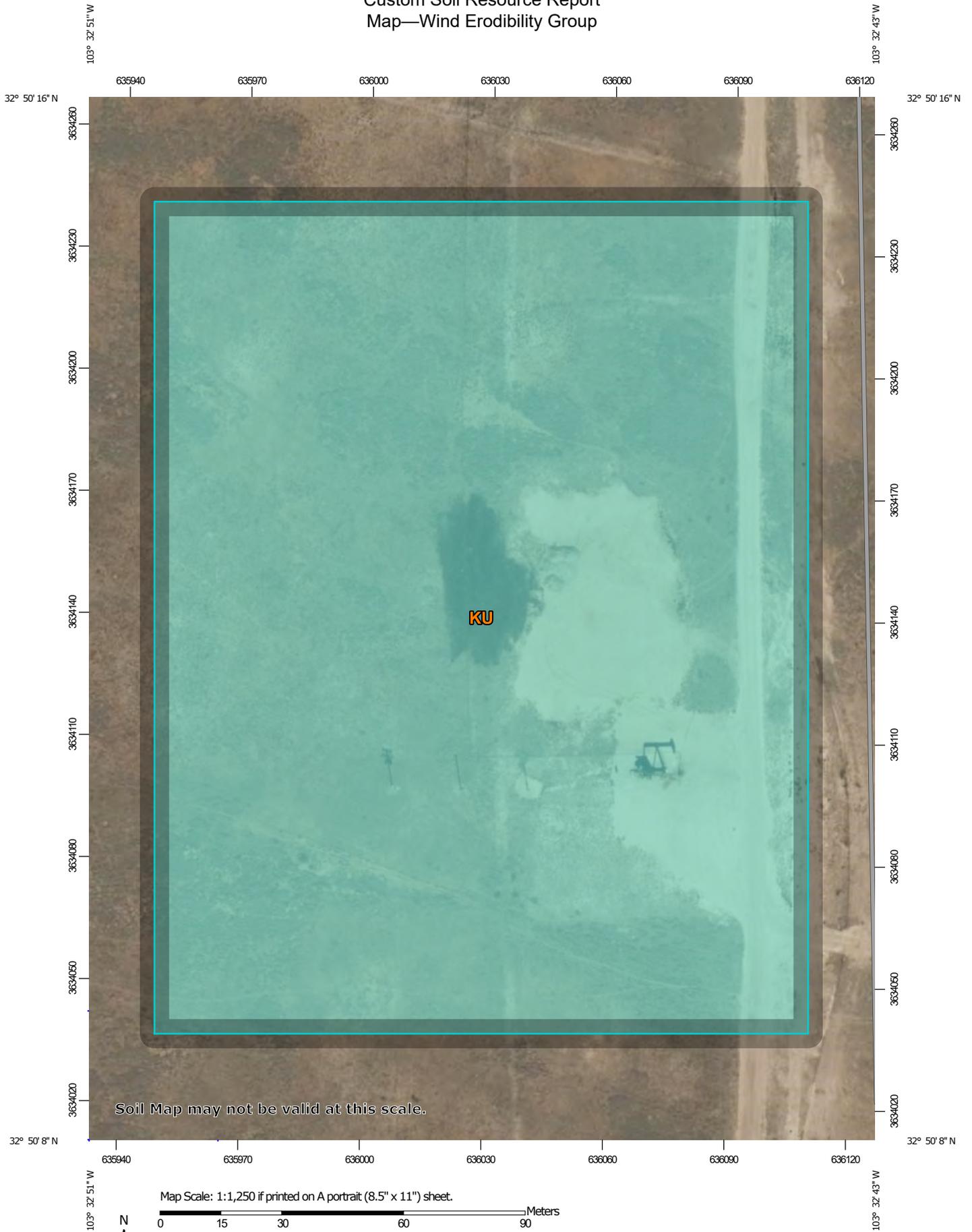
When "All Layers" is specified as the depth qualifier, all layers recorded for a component are considered when deriving the value for that component.

Whenever more than one layer or horizon is considered when deriving a value for a component, and the attribute being aggregated is a numeric attribute, a weighted average value is returned, where the weighting factor is the layer or horizon thickness.

Wind Erodibility Group

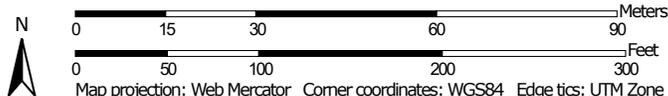
A wind erodibility group (WEG) consists of soils that have similar properties affecting their susceptibility to wind erosion in cultivated areas. The soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible.

Custom Soil Resource Report Map—Wind Erodibility Group



Soil Map may not be valid at this scale.

Map Scale: 1:1,250 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)
 Area of Interest (AOI)

Soils

Soil Rating Polygons

	1
	2
	3
	4
	4L
	5
	6
	7
	8
	Not rated or not available

Soil Rating Lines

	1
	2
	3
	4
	4L
	5
	6
	7
	8
	Not rated or not available

Soil Rating Points

	1
	2
	3
	4
	4L
	5
	6
	7
	8
	Not rated or not available

Water Features

	Streams and Canals
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Transportation

	Rails
	Interstate Highways
	US Routes
	Major Roads
	Local Roads

Background

	Aerial Photography
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MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

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Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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Custom Soil Resource Report

Table—Wind Erodibility Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	5	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—Wind Erodibility Group

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Lower

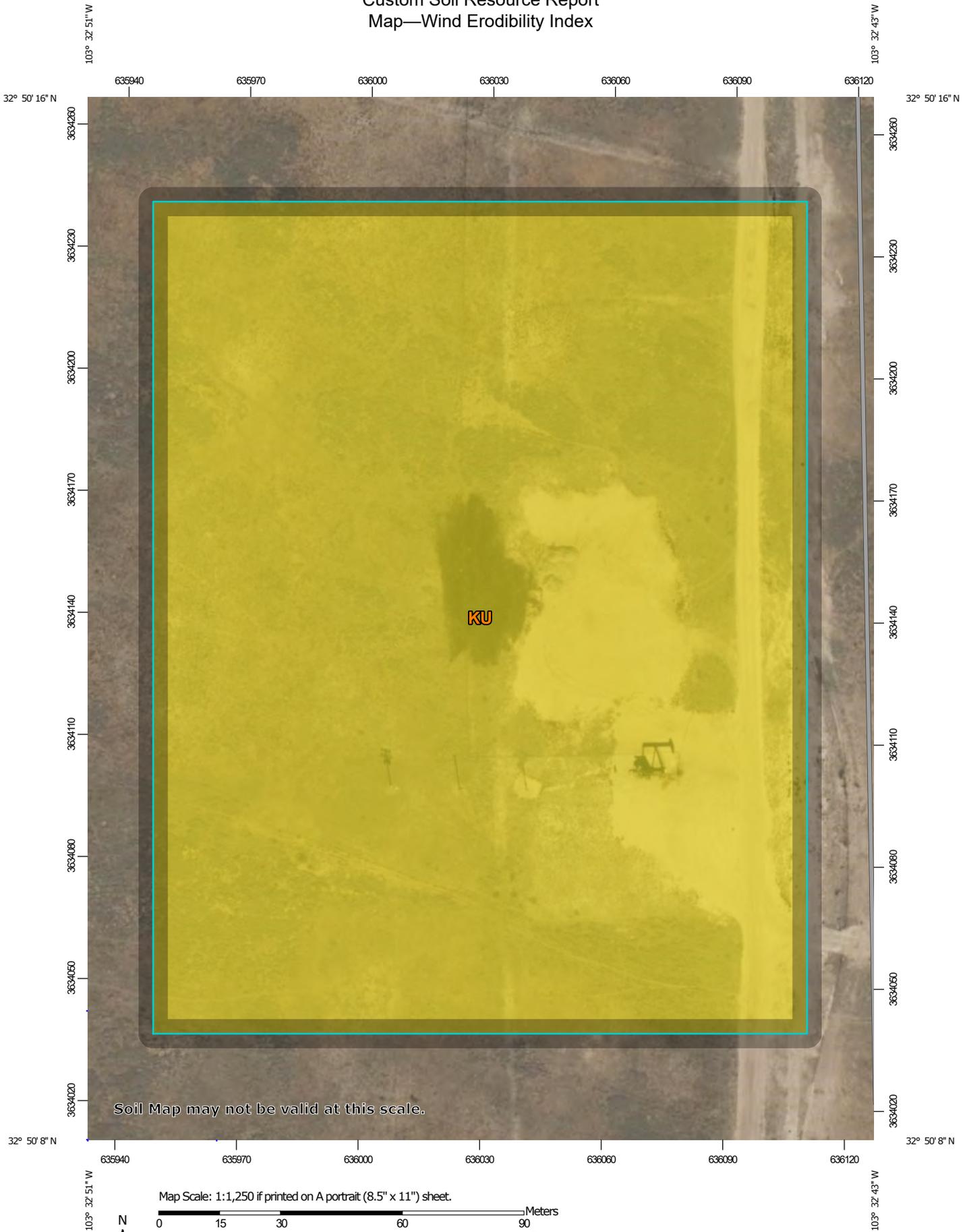
Custom Soil Resource Report

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Wind Erodibility Index

The wind erodibility index is a numerical value indicating the susceptibility of soil to wind erosion, or the tons per acre per year that can be expected to be lost to wind erosion. There is a close correlation between wind erosion and the texture of the surface layer, the size and durability of surface clods, rock fragments, organic matter, and a calcareous reaction. Soil moisture and frozen soil layers also influence wind erosion.

Custom Soil Resource Report Map—Wind Erodibility Index



Soil Map may not be valid at this scale.

Map Scale: 1:1,250 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

	0
	38
	48
	56
	86
	134
	160
	180
	220
	250
	310
	Not rated or not available

Soil Rating Lines

	0
	38
	48
	56
	86
	134
	160
	180
	220

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

Soil Rating Points

	0
	38
	48
	56
	86
	134
	160
	180
	220
	250
	310
	Not rated or not available

Soil Rating Polygons

	250
	310
	Not rated or not available

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

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Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

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Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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Custom Soil Resource Report

Table—Wind Erodibility Index

Map unit symbol	Map unit name	Rating (tons per acre per year)	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	56	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—Wind Erodibility Index

Units of Measure: tons per acre per year

Aggregation Method: Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

Custom Soil Resource Report

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Soil Qualities and Features

Soil qualities are behavior and performance attributes that are not directly measured, but are inferred from observations of dynamic conditions and from soil properties. Example soil qualities include natural drainage, and frost action. Soil features are attributes that are not directly part of the soil. Example soil features include slope and depth to restrictive layer. These features can greatly impact the use and management of the soil.

Depth to Bedrock

The term bedrock in soil survey refers to a continuous root and water restrictive layer of rock that occurs within the soil profile.

There are many types of restrictions that can occur within the soil profile but this theme only includes the three restrictions that use the term bedrock. These are:

- 1) Lithic Bedrock
- 2) Paralithic Bedrock
- 3) Densic Bedrock

Lithic bedrock and paralithic bedrock are comprised of igneous, metamorphic, and sedimentary rocks, which are coherent and consolidated into rock through pressure, heat, cementation, or fusion. Lithic bedrock represents the hardest type of bedrock, with a hardness of strongly coherent to indurated. Paralithic bedrock has a hardness of extremely weakly coherent to moderately coherent. It can occur as a thin layer of weathered bedrock above harder lithic bedrock. Paralithic bedrock can also be much thicker, extending well below the soil profile.

Densic bedrock represents a unique kind of bedrock recognized within the soil survey. It is non-coherent and consolidated, dense root restrictive material, formed by pressure, heat, and dewatering of earth materials or sediments. Densic bedrock differs from densic materials, which formed under the compaction of glaciers, mudflows, and or human-caused compaction.

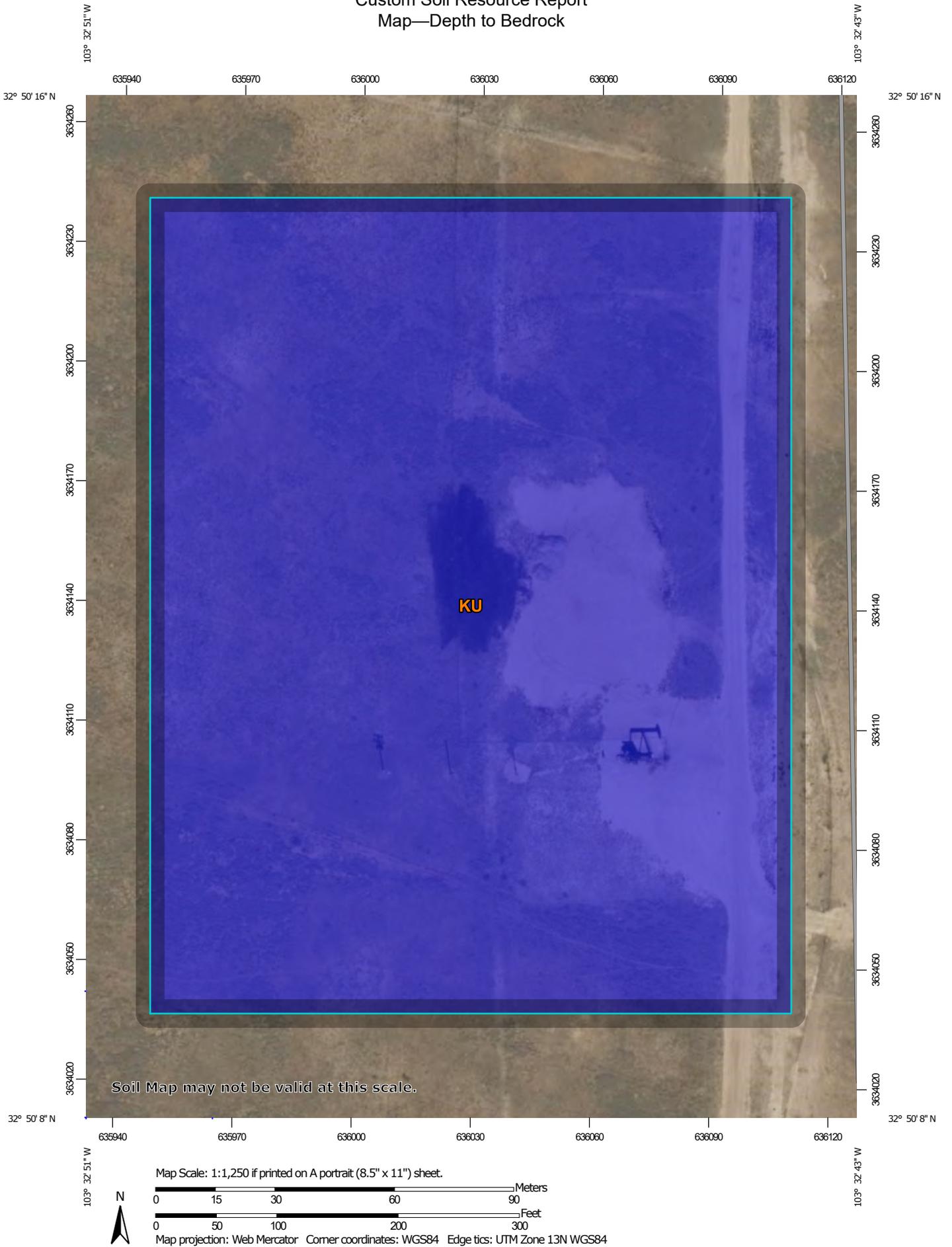
If more than one type of bedrock is described for an individual soil type, the depth to the shallowest one is given. If no bedrock is described in a map unit, it is represented by the "greater than 200" depth class.

Depth to bedrock is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil

Custom Soil Resource Report

component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Custom Soil Resource Report Map—Depth to Bedrock



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)
 Area of Interest (AOI)

Soils

Soil Rating Polygons

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Lines

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Points

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200

Water Features
 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background
 Aerial Photography

 Not rated or not available

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

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Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

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Custom Soil Resource Report

Table—Depth to Bedrock

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	>200	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—Depth to Bedrock

Units of Measure: centimeters

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: No

Custom Soil Resource Report

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

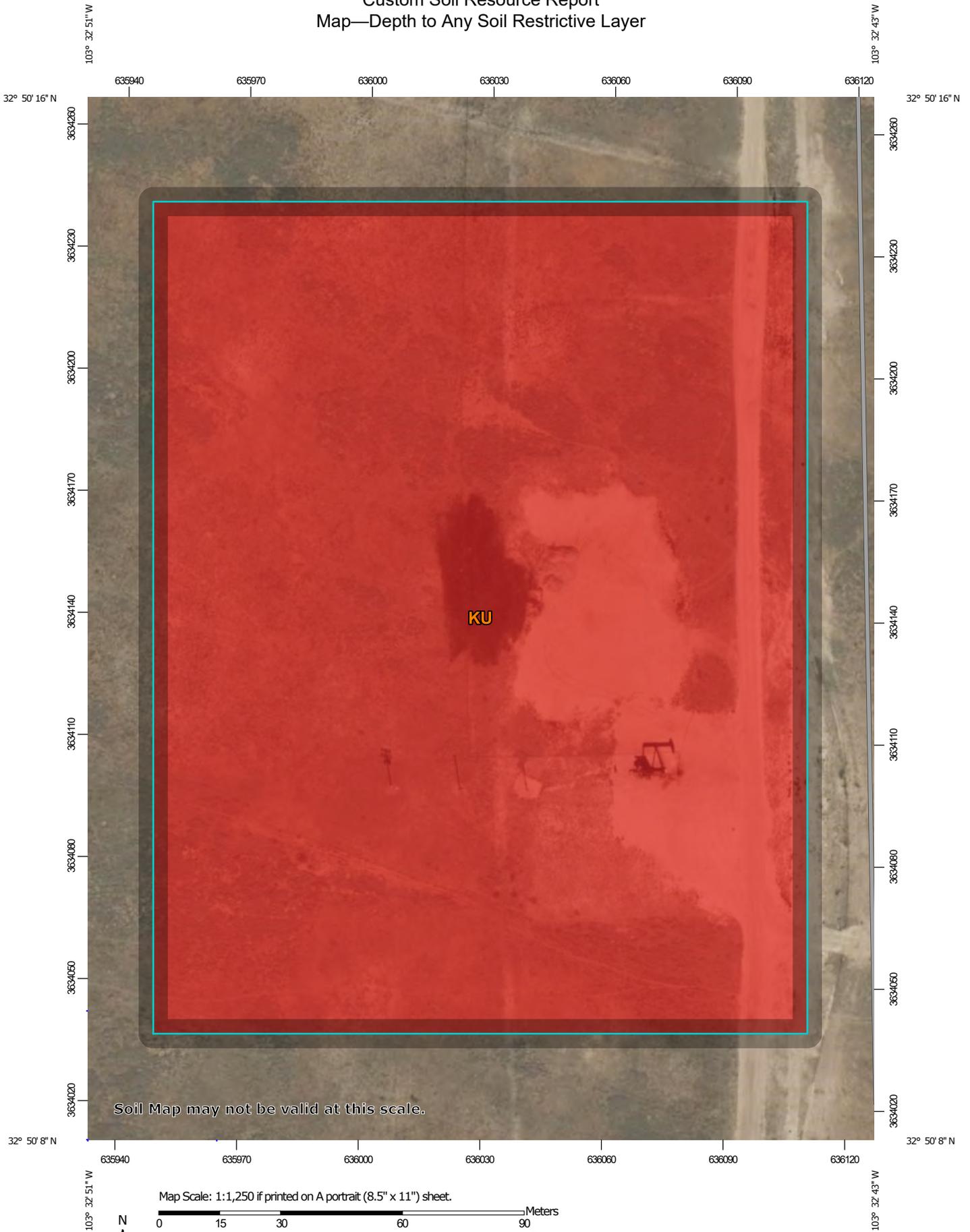
Depth to Any Soil Restrictive Layer

A "restrictive layer" is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers.

This theme presents the depth to any type of restrictive layer that is described for each map unit. If more than one type of restrictive layer is described for an individual soil type, the depth to the shallowest one is presented. If no restrictive layer is described in a map unit, it is represented by the "greater than 200" depth class.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Custom Soil Resource Report Map—Depth to Any Soil Restrictive Layer



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)
 Area of Interest (AOI)

Soils

Soil Rating Polygons

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Lines

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Points

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200

Water Features
 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background
 Aerial Photography

 Not rated or not available

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

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Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

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Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

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Custom Soil Resource Report

Table—Depth to Any Soil Restrictive Layer

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	25	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—Depth to Any Soil Restrictive Layer

Units of Measure: centimeters

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: No

Custom Soil Resource Report

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

Representative Slope

Slope gradient is the difference in elevation between two points, expressed as a percentage of the distance between those points.

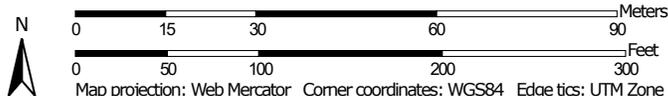
The slope gradient is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Custom Soil Resource Report Map—Representative Slope



Soil Map may not be valid at this scale.

Map Scale: 1:1,250 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

Soil Rating Polygons

-  0 - 5
-  5 - 15
-  15 - 45
-  45 - 60
-  60 - 100
-  Not rated or not available

Soil Rating Lines

-  0 - 5
-  5 - 15
-  15 - 45
-  45 - 60
-  60 - 100
-  Not rated or not available

Soil Rating Points

-  0 - 5
-  5 - 15
-  15 - 45
-  45 - 60
-  60 - 100
-  Not rated or not available

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Custom Soil Resource Report

Table—Representative Slope

Map unit symbol	Map unit name	Rating (percent)	Acres in AOI	Percent of AOI
KU	Kimbrough-Lea complex, dry, 0 to 3 percent slopes	1.0	8.2	100.0%
Totals for Area of Interest			8.2	100.0%

Rating Options—Representative Slope

Units of Measure: percent

Aggregation Method: Dominant Component

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Component" returns the attribute value associated with the component with the highest percent composition in the map unit. If more than one component shares the highest percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher attribute value should be returned in the case of a percent composition tie. The result returned by this aggregation method may or may not represent the dominant condition throughout the map unit.

Component Percent Cutoff: None Specified

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

Tie-break Rule: Higher

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

Interpret Nulls as Zero: No

Custom Soil Resource Report

This option indicates if a null value for a component should be converted to zero before aggregation occurs. This will be done only if a map unit has at least one component where this value is not null.

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
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- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
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- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

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United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

NMSLO Seed Mix**Coarse (CS)****COARSE (CS) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
Grasses:			
Sand bluestem	VNS, Southern	2.0	F
Sideoats grama	Vaughn, El Reno	2.0	F
Blue grama	Hachita, Lovington	1.5	D
Little bluestem	Cimmaron, Pastura	1.5	F
Sand dropseed	VNS, Southern	1.0	S
Plains bristlegrass	VNS, Southern	0.75	D
Forbs:			
Parry penstemon	VNS, Southern	1.0	D
Desert globemallow	VNS, Southern	1.0	D
White prairieclover	Kaneb, VNS	0.5	D
Sulfur buckwheat	VNS, Southern	0.5	D
Shrubs:			
Fourwing saltbush	VNS, Southern	1.0	D
Skunkbush sumac	VNS, Southern	1.0	D
Common winterfat	VNS, Southern	1.0	F
Fringed sagewort	VNS, Southern	0.5	F
		Total PLS/acre	18.25

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow.
- If one species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.





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

November 06, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 10/30/23 14:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DV-001.0-00.0-P (H235933-01)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DV-001.0-02.0-P (H235933-02)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	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	144	16.0	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DV-002.0-00.0-P (H235933-03)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	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	48.0	16.0	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DV-002.0-02.0-P (H235933-04)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	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	144	16.0	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DH-001.0-01.0-P (H235933-05)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DH-002.0-01.0-P (H235933-06)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	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	16.0	16.0	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DH-003.0-01.0-P (H235933-07)

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	11/03/2023	ND	2.07	103	2.00	2.11	
Toluene*	<0.050	0.050	11/03/2023	ND	1.87	93.3	2.00	3.15	
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.91	95.6	2.00	3.01	
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.70	95.0	6.00	3.06	
Total BTEX	<0.300	0.300	11/03/2023	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	<16.0	16.0	11/06/2023	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	11/02/2023	ND	202	101	200	3.18	
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	10/30/2023	Sampling Date:	10/25/2023
Reported:	11/06/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: DH-004.0-01.0-P (H235933-08)

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	11/03/2023	ND	1.94	96.8	2.00	18.4		
Toluene*	<0.050	0.050	11/03/2023	ND	1.89	94.5	2.00	14.4		
Ethylbenzene*	<0.050	0.050	11/03/2023	ND	1.94	97.2	2.00	11.6		
Total Xylenes*	<0.150	0.150	11/03/2023	ND	5.68	94.6	6.00	10.8		
Total BTEX	<0.300	0.300	11/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	11/06/2023	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	11/02/2023	ND	202	101	200	3.18		
DRO >C10-C28*	<10.0	10.0	11/02/2023	ND	179	89.5	200	5.24		
EXT DRO >C28-C36	<10.0	10.0	11/02/2023	ND						

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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November 27, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 11/21/23 15:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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, flowing "C" at the beginning.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-001.0-00.0-P (H236348-01)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	19.7	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	12.7	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-002.0-00.3-P (H236348-02)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	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	160	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	75.0	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	54.1	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-003.0-00.0-P (H236348-03)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	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	48.0	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-004.0-01.0-P (H236348-04)

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	11/22/2023	ND	2.11	105	2.00	4.97		
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573		
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22		
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41		
Total BTEX	<0.300	0.300	11/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18		
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	219	109	200	5.76		
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND						

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-005.0-00.0-P (H236348-05)

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	11/22/2023	ND	2.11	105	2.00	4.97		
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573		
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22		
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41		
Total BTEX	<0.300	0.300	11/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	288	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18		
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	219	109	200	5.76		
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND						

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-006.0-00.5-P (H236348-06)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	161	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	110	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-007.0-01.0-P (H236348-07)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2023	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	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-008.0-01.0-P (H236348-08)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	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	352	16.0	11/22/2023	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	11/23/2023	ND	215	108	200	1.18	
DRO >C10-C28*	860	10.0	11/23/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	344	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-009.0-00.5-P (H236348-09)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	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	176	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	111	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	64.7	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-010.0-00.0-P (H236348-10)

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	11/22/2023	ND	2.11	105	2.00	4.97	
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41	
Total BTEX	<0.300	0.300	11/22/2023	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	368	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2023	ND	215	108	200	1.18	
DRO >C10-C28*	809	10.0	11/23/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	347	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.3 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-011.0-01.5-P (H236348-11)

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	11/22/2023	ND	2.11	105	2.00	4.97		
Toluene*	<0.050	0.050	11/22/2023	ND	2.20	110	2.00	0.573		
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.43	122	2.00	3.22		
Total Xylenes*	<0.150	0.150	11/22/2023	ND	7.26	121	6.00	4.41		
Total BTEX	<0.300	0.300	11/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	272	16.0	11/22/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	215	108	200	1.18		
DRO >C10-C28*	246	10.0	11/22/2023	ND	219	109	200	5.76		
EXT DRO >C28-C36	111	10.0	11/22/2023	ND						

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-012.0-01.0-P (H236348-12)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	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	176	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	215	108	200	1.18	
DRO >C10-C28*	62.1	10.0	11/22/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	42.6	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-013.0-00.0-P (H236348-13)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/23/2023	ND	215	108	200	1.18	
DRO >C10-C28*	115	10.0	11/23/2023	ND	219	109	200	5.76	
EXT DRO >C28-C36	44.3	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-014.0-00.0-P (H236348-14)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	256	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	157	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	47.7	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-015.0-01.5-P (H236348-15)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-016.0-00.0-P (H236348-16)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	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	224	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	1950	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	704	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-017.0-00.0-P (H236348-17)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	272	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	139	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	56.6	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-018.0-00.0-P (H236348-18)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	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	288	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	426	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	295	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-019.0-00.0-P (H236348-19)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	112	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-020.0-00.0-P (H236348-20)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	176	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	46.1	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	35.5	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-021.0-00.0-P (H236348-21)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	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	144	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	117	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	53.1	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-022.0-00.0-P (H236348-22)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	160	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	70.9	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	33.5	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-023.0-00.3-P (H236348-23)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	352	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	3110	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	1130	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-024.0-00.0-P (H236348-24)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	256	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	198	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	106	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-025.0-00.0-P (H236348-25)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	399	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	272	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-026.0-00.0-P (H236348-26)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	192	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	282	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	191	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-027.0-00.0-P (H236348-27)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	272	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-028.0-00.0-P (H236348-28)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	160	16.0	11/22/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	10.1	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-029.0-00.0-P (H236348-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	368	16.0	11/22/2023	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	11/23/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	74.4	10.0	11/23/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	31.1	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-030.0-00.0-P (H236348-30)

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	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/22/2023	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	11/23/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	114	10.0	11/23/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	48.2	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 110 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-031.0-00.0-P (H236348-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2023	ND	2.03	101	2.00	0.644	
Toluene*	<0.050	0.050	11/22/2023	ND	2.14	107	2.00	0.841	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.16	108	2.00	1.80	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.59	110	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2023	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	11/23/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	70.0	10.0	11/23/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	17.3	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/27/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CW-001.0-00.5-P (H236348-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2023	ND	2.19	110	2.00	3.87	
Toluene*	<0.050	0.050	11/22/2023	ND	2.17	108	2.00	4.21	
Ethylbenzene*	<0.050	0.050	11/22/2023	ND	2.15	107	2.00	3.76	
Total Xylenes*	<0.150	0.150	11/22/2023	ND	6.78	113	6.00	3.84	
Total BTEX	<0.300	0.300	11/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	160	16.0	11/22/2023	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	11/23/2023	ND	198	98.9	200	1.26	
DRO >C10-C28*	61.5	10.0	11/23/2023	ND	193	96.7	200	1.05	
EXT DRO >C28-C36	26.0	10.0	11/23/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

December 07, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 12/04/23 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-014.0-01.0-P (H236502-01)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	96.0	16.0	12/05/2023	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	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	473	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	299	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-017.0-01.0-P (H236502-02)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	176	16.0	12/05/2023	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	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	360	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	204	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-018.0-01.0-P (H236502-03)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/05/2023	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	12/05/2023	ND	208	104	200	1.89	
DRO >C10-C28*	309	10.0	12/05/2023	ND	196	97.8	200	2.59	
EXT DRO >C28-C36	132	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-021.0-01.0-P (H236502-04)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	160	16.0	12/05/2023	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	12/05/2023	ND	200	100	200	1.42	
DRO >C10-C28*	423	10.0	12/05/2023	ND	183	91.5	200	2.92	
EXT DRO >C28-C36	319	10.0	12/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-022.0-00.5-P (H236502-05)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	288	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	200	100	200	1.42		
DRO >C10-C28*	648	10.0	12/05/2023	ND	183	91.5	200	2.92		
EXT DRO >C28-C36	323	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 173 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-025.0-01.5-P (H236502-06)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	272	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	200	100	200	1.42		
DRO >C10-C28*	433	10.0	12/05/2023	ND	183	91.5	200	2.92		
EXT DRO >C28-C36	291	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 196 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-026.0-01.5-P (H236502-07)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	256	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	200	100	200	1.42		
DRO >C10-C28*	426	10.0	12/05/2023	ND	183	91.5	200	2.92		
EXT DRO >C28-C36	284	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-029.0-01.5-P (H236502-08)

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	12/05/2023	ND	2.03	101	2.00	6.74	
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17	
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65	
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05	
Total BTEX	<0.300	0.300	12/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	256	16.0	12/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/05/2023	ND	200	100	200	1.42		
DRO >C10-C28*	131	10.0	12/05/2023	ND	183	91.5	200	2.92		
EXT DRO >C28-C36	127	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 164 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/04/2023	Sampling Date:	12/04/2023
Reported:	12/07/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	LEA CO., NM		

Sample ID: CF-030.0-01.5-P (H236502-09)

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	12/05/2023	ND	2.03	101	2.00	6.74		
Toluene*	<0.050	0.050	12/05/2023	ND	2.07	104	2.00	4.17		
Ethylbenzene*	<0.050	0.050	12/05/2023	ND	2.16	108	2.00	3.65		
Total Xylenes*	<0.150	0.150	12/05/2023	ND	6.37	106	6.00	6.05		
Total BTEX	<0.300	0.300	12/05/2023	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	208	16.0	12/05/2023	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	12/05/2023	ND	200	100	200	1.42		
DRO >C10-C28*	137	10.0	12/05/2023	ND	183	91.5	200	2.92		
EXT DRO >C28-C36	126	10.0	12/05/2023	ND						

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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December 11, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 12/06/23 15:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-002.0-00.5-P (H236553-01)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	320	16.0	12/07/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	104	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	52.8	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-006.0-01.0-P (H236553-02)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	320	16.0	12/07/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	31.6	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	10.4	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-008.0-01.5-P (H236553-03)

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	12/07/2023	ND	1.98	99.0	2.00	4.01		
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74		
Total BTEX	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	320	16.0	12/07/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/07/2023	ND	192	95.8	200	0.211		
DRO >C10-C28*	540	10.0	12/07/2023	ND	169	84.4	200	2.07		
EXT DRO >C28-C36	331	10.0	12/07/2023	ND						

Surrogate: 1-Chlorooctane 96.2 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-009.0-01.0-P (H236553-04)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	112	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	549	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	368	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-010.0-01.0-P (H236553-05)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	192	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	724	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	482	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-011.0-02.0-P (H236553-06)

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	12/07/2023	ND	1.98	99.0	2.00	4.01		
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74		
Total BTEX	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	464	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211		
DRO >C10-C28*	655	10.0	12/07/2023	ND	169	84.4	200	2.07		
EXT DRO >C28-C36	403	10.0	12/07/2023	ND						

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-012.0-01.5-P (H236553-07)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	176	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	444	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	311	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-013.0-01.0-P (H236553-08)

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	12/07/2023	ND	1.98	99.0	2.00	4.01		
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74		
Total BTEX	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211		
DRO >C10-C28*	443	10.0	12/07/2023	ND	169	84.4	200	2.07		
EXT DRO >C28-C36	302	10.0	12/07/2023	ND						

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-016.0-01.5-P (H236553-09)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	176	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	1440	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	653	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-023.0-01.5-P (H236553-10)

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	12/07/2023	ND	1.98	99.0	2.00	4.01		
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30		
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60		
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74		
Total BTEX	<0.300	0.300	12/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	176	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211		
DRO >C10-C28*	529	10.0	12/07/2023	ND	169	84.4	200	2.07		
EXT DRO >C28-C36	306	10.0	12/07/2023	ND						

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	12/06/2023	Sampling Date:	12/05/2023
Reported:	12/11/2023	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA CO., NM		

Sample ID: CF-024.0-01.5-P (H236553-11)

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	12/07/2023	ND	1.98	99.0	2.00	4.01	
Toluene*	<0.050	0.050	12/07/2023	ND	2.08	104	2.00	4.30	
Ethylbenzene*	<0.050	0.050	12/07/2023	ND	2.09	105	2.00	3.60	
Total Xylenes*	<0.150	0.150	12/07/2023	ND	6.34	106	6.00	3.74	
Total BTEX	<0.300	0.300	12/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	176	16.0	12/07/2023	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	12/07/2023	ND	192	95.8	200	0.211	
DRO >C10-C28*	926	10.0	12/07/2023	ND	169	84.4	200	2.07	
EXT DRO >C28-C36	321	10.0	12/07/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

January 24, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 01/19/24 14:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-002.0-01.0-P (H240242-01)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	624	10.0	01/22/2024	ND	221	111	200	1.69	QM-07, QR-03
EXT DRO >C28-C36	368	10.0	01/22/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	84.5 %	48.2-134							
Surrogate: 1-Chlorooctadecane	94.0 %	49.1-148							

Sample ID: CF-006.0-02.0-P (H240242-02)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	1500	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	630	10.0	01/22/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	107 %	48.2-134							
Surrogate: 1-Chlorooctadecane	109 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-008.0-02.0-P (H240242-03)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	1480	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	638	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134
 Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Sample ID: CF-009.0-02.0-P (H240242-04)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	587	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	390	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134
 Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-010.0-02.0-P (H240242-05)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	662	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	520	10.0	01/22/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	125 %	48.2-134							
Surrogate: 1-Chlorooctadecane	123 %	49.1-148							

Sample ID: CF-011.0-02.5-P (H240242-06)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	741	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	508	10.0	01/22/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	118 %	48.2-134							
Surrogate: 1-Chlorooctadecane	112 %	49.1-148							

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-012.0-02.0-P (H240242-07)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	745	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	491	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134
 Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Sample ID: CF-013.0-02.0-P (H240242-08)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	600	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	365	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134
 Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-014.0-02.0-P (H240242-09)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	863	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	501	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134
 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Sample ID: CF-016.0-02.0-P (H240242-10)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	608	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	422	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134
 Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-017.0-01.5-P (H240242-11)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	655	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	358	10.0	01/22/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	102 %	48.2-134							
Surrogate: 1-Chlorooctadecane	101 %	49.1-148							

Sample ID: CF-018.0-01.5-P (H240242-12)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	1830	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	693	10.0	01/22/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	117 %	48.2-134							
Surrogate: 1-Chlorooctadecane	119 %	49.1-148							

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 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-021.0-01.5-P (H240242-13)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	1140	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	445	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134
 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Sample ID: CF-022.0-01.0-P (H240242-14)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	851	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	425	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134
 Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-023.0-02.0-P (H240242-15)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	1380	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	481	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134
 Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Sample ID: CF-025.0-02.5-P (H240242-16)

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	01/22/2024	ND	211	105	200	1.11	
DRO >C10-C28*	693	10.0	01/22/2024	ND	221	111	200	1.69	
EXT DRO >C28-C36	405	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134
 Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-024.0-02.0-P (H240242-17)

TPH 8015M	mg/kg	Analyzed By: MS					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	211	105	200	1.11		
DRO >C10-C28*	774	10.0	01/22/2024	ND	221	111	200	1.69		
EXT DRO >C28-C36	425	10.0	01/22/2024	ND						

Surrogate: 1-Chlorooctane 135 % 48.2-134
 Surrogate: 1-Chlorooctadecane 137 % 49.1-148

Sample ID: CF-026.0-02.0-P (H240242-18)

TPH 8015M	mg/kg	Analyzed By: MS					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	211	105	200	1.11		
DRO >C10-C28*	533	10.0	01/22/2024	ND	221	111	200	1.69		
EXT DRO >C28-C36	414	10.0	01/22/2024	ND						

Surrogate: 1-Chlorooctane 144 % 48.2-134
 Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-029.0-02.0-P (H240242-19)

TPH 8015M	mg/kg	Analyzed By: MS					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	211	105	200	1.11		
DRO >C10-C28*	66.9	10.0	01/22/2024	ND	221	111	200	1.69		
EXT DRO >C28-C36	44.4	10.0	01/22/2024	ND						

Surrogate: 1-Chlorooctane 135 % 48.2-134
 Surrogate: 1-Chlorooctadecane 132 % 49.1-148

Sample ID: CF-030.0-02.0-P (H240242-20)

TPH 8015M	mg/kg	Analyzed By: MS					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/22/2024	ND	211	105	200	1.11		
DRO >C10-C28*	370	10.0	01/22/2024	ND	221	111	200	1.69		
EXT DRO >C28-C36	244	10.0	01/22/2024	ND						

Surrogate: 1-Chlorooctane 129 % 48.2-134
 Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CW-001.0-00.5-P (H240242-21)

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	01/22/2024	ND	2.20	110	2.00	0.0244	
Toluene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	0.0682	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.18	109	2.00	0.184	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.36	106	6.00	0.310	
Total BTEX	<0.300	0.300	01/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	416	16.0	01/22/2024	ND	448	112	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	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	98.8	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	81.4	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	01/19/2024	Sampling Date:	01/12/2024
Reported:	01/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CW-002.0-00.5-P (H240242-22)

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	01/22/2024	ND	2.19	110	2.00	1.39	
Toluene*	<0.050	0.050	01/22/2024	ND	2.20	110	2.00	1.68	
Ethylbenzene*	<0.050	0.050	01/22/2024	ND	2.19	109	2.00	2.12	
Total Xylenes*	<0.150	0.150	01/22/2024	ND	6.63	110	6.00	1.73	
Total BTEX	<0.300	0.300	01/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	400	16.0	01/22/2024	ND	448	112	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	01/22/2024	ND	197	98.3	200	0.133	
DRO >C10-C28*	105	10.0	01/22/2024	ND	187	93.4	200	0.0498	
EXT DRO >C28-C36	88.8	10.0	01/22/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

February 08, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 02/05/24 13:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-002.0-02.0-P (H240530-01)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	335	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	200	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134
 Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Sample ID: CF-009.0-03.0-P (H240530-02)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	400	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	213	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134
 Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-010.0-03.0-P (H240530-03)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	368	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	194	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134
 Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Sample ID: CF-011.0-03.0-P (H240530-04)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	779	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	305	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134
 Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-017.0-03.0-P (H240530-05)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	809	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	331	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134
 Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Sample ID: CF-018.0-03.0-P (H240530-06)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	361	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	202	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134
 Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-021.0-04.0-P (H240530-07)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	822	10.0	02/06/2024	ND	199	99.6	200	1.59	
EXT DRO >C28-C36	350	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134
 Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Sample ID: CF-022.0-04.0-P (H240530-08)

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	02/06/2024	ND	192	96.1	200	0.202	
DRO >C10-C28*	850	10.0	02/06/2024	ND	199	99.6	200	1.59	QM-07
EXT DRO >C28-C36	348	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134
 Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-023.0-04.0-P (H240530-09)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	955	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	267	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134
 Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Sample ID: CF-024.0-04.0-P (H240530-10)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134
 Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-025.0-04.0-P (H240530-11)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	107 %	48.2-134							
Surrogate: 1-Chlorooctadecane	102 %	49.1-148							

Sample ID: CF-026.0-04.0-P (H240530-12)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	140	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	19.8	10.0	02/06/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	105 %	48.2-134							
Surrogate: 1-Chlorooctadecane	101 %	49.1-148							

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-028.0-04.0-P (H240530-13)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	338	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	133	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134
 Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Sample ID: CF-029.0-04.0-P (H240530-14)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	209	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	26.6	10.0	02/06/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134
 Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/05/2024	Sampling Date:	01/26/2024
Reported:	02/08/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-030.0-04.0-P (H240530-15)

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	02/06/2024	ND	208	104	200	2.41	
DRO >C10-C28*	116	10.0	02/06/2024	ND	225	112	200	0.663	
EXT DRO >C28-C36	13.5	10.0	02/06/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	99.6 %	48.2-134							
Surrogate: 1-Chlorooctadecane	97.9 %	49.1-148							

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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

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST									
Project Manager: Dan Dunkelberg		P.O. #:											
Address: 8426 N Dal Paso		Company: Cross Timbers Energy											
City: Hobbs	State: NM Zip: 88241	Attn: Kevin Bennett											
Phone #:	Fax #:	Address:											
Project #:	Project Owner: (see below)	City:											
Project Name: NVA 298	dan@trinityoilfieldservices.com	State:	Zip:										
Project Location: Lea Co., NM		Phone #:											
Sampler Name: KA		Fax #:											

Lab I.D.	Sample I.D.	GRAB OR (COMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING		Chloride	TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL:	OTHER:			
11	CF-025.0-04.0-P	C 1		X									X	
12	CF-026.0-04.0-P	C 1		X									X	
13	CF-028.0-04.0-P	C 1		X									X	
14	CF-029.0-04.0-P	C 1		X									X	
15	CF-030.0-04.0-P	C 1		X									X	

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Relinquished By:	Date: 2/15/24 Time: 13:34	Received By: <i>[Signature]</i>	Verbal Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:
All Results are emailed. Please provide Email address:				
Relinquished By: <i>[Signature]</i>	Date: 2/15/24 Time:	Received By:	REMARKS:	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C -4.5°C Corrected Temp. °C	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <i>[Signature]</i>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	Observed Temp. °C Corrected Temp. °C
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

February 12, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 02/07/24 13:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/07/2024	Sampling Date:	02/07/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-008.0-04.0-P (H240590-01)

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	02/07/2024	ND	241	120	200	9.48	
DRO >C10-C28*	207	10.0	02/07/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	48.2	10.0	02/07/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	78.5 %	48.2-134							
Surrogate: 1-Chlorooctadecane	88.0 %	49.1-148							

Sample ID: CF-012.0-04.0-P (H240590-02)

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	02/07/2024	ND	241	120	200	9.48	
DRO >C10-C28*	591	10.0	02/07/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	116	10.0	02/07/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	75.5 %	48.2-134							
Surrogate: 1-Chlorooctadecane	85.9 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/07/2024	Sampling Date:	02/07/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-013.0-04.0-P (H240590-03)

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	02/07/2024	ND	241	120	200	9.48	
DRO >C10-C28*	285	10.0	02/07/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	72.2	10.0	02/07/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	78.9 %	48.2-134							
Surrogate: 1-Chlorooctadecane	88.2 %	49.1-148							

Sample ID: CF-014.0-04.0-P (H240590-04)

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	02/07/2024	ND	241	120	200	9.48	
DRO >C10-C28*	150	10.0	02/07/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	39.3	10.0	02/07/2024	ND					
<hr/>									
Surrogate: 1-Chlorooctane	78.7 %	48.2-134							
Surrogate: 1-Chlorooctadecane	88.3 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/07/2024	Sampling Date:	02/07/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-016.0-04.0-P (H240590-05)

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	02/07/2024	ND	241	120	200	9.48	
DRO >C10-C28*	150	10.0	02/07/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	38.0	10.0	02/07/2024	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>78.1 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>89.7 %</i>	<i>49.1-148</i>							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/07/2024	Sampling Date:	02/07/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CW-001.1-02.0-P (H240590-06)

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	02/07/2024	ND	1.80	90.1	2.00	6.15	
Toluene*	<0.050	0.050	02/07/2024	ND	1.91	95.5	2.00	5.25	
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.86	93.1	2.00	5.09	
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.82	96.9	6.00	3.79	
Total BTEX	<0.300	0.300	02/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	560	16.0	02/08/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2024	ND	241	120	200	9.48	
DRO >C10-C28*	318	10.0	02/07/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	64.6	10.0	02/07/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/07/2024	Sampling Date:	02/07/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CW-002.1-02.0-P (H240590-07)

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	02/07/2024	ND	1.80	90.1	2.00	6.15	
Toluene*	<0.050	0.050	02/07/2024	ND	1.91	95.5	2.00	5.25	
Ethylbenzene*	<0.050	0.050	02/07/2024	ND	1.86	93.1	2.00	5.09	
Total Xylenes*	<0.150	0.150	02/07/2024	ND	5.82	96.9	6.00	3.79	
Total BTEX	<0.300	0.300	02/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/08/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/08/2024	ND	241	120	200	9.48	
DRO >C10-C28*	60.3	10.0	02/08/2024	ND	237	119	200	15.5	
EXT DRO >C28-C36	23.9	10.0	02/08/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

February 16, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 02/13/24 14:54.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/13/2024	Sampling Date:	02/07/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-002.0-04.0-P (H240686-01)

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	02/14/2024	ND	209	105	200	1.11	
DRO >C10-C28*	62.1	10.0	02/14/2024	ND	211	106	200	1.93	
EXT DRO >C28-C36	11.1	10.0	02/14/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134
 Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

Sample ID: CF-009.0-04.0-P (H240686-02)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.6	10.0	02/14/2024	ND	232	116	200	0.930	
DRO >C10-C28*	1800	10.0	02/14/2024	ND	218	109	200	1.67	QM-07
EXT DRO >C28-C36	442	10.0	02/14/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134
 Surrogate: 1-Chlorooctadecane 102 % 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/13/2024	Sampling Date:	02/07/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-010.0-04.0-P (H240686-03)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	39.8	10.0	02/14/2024	ND	232	116	200	0.930	
DRO >C10-C28*	1440	10.0	02/14/2024	ND	218	109	200	1.67	
EXT DRO >C28-C36	373	10.0	02/14/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134
 Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

Sample ID: CF-011.0-04.0-P (H240686-04)

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	02/14/2024	ND	232	116	200	0.930	
DRO >C10-C28*	707	10.0	02/14/2024	ND	218	109	200	1.67	
EXT DRO >C28-C36	261	10.0	02/14/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134
 Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	02/13/2024	Sampling Date:	02/07/2024
Reported:	02/16/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-017.0-04.0-P (H240686-05)

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	02/14/2024	ND	232	116	200	0.930	
DRO >C10-C28*	44.0	10.0	02/14/2024	ND	218	109	200	1.67	
EXT DRO >C28-C36	53.6	10.0	02/14/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134
 Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

Sample ID: CF-018.0-04.0-P (H240686-06)

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	02/14/2024	ND	232	116	200	0.930	
DRO >C10-C28*	599	10.0	02/14/2024	ND	218	109	200	1.67	
EXT DRO >C28-C36	189	10.0	02/14/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134
 Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

March 18, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 03/12/24 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/12/2024	Sampling Date:	03/05/2024
Reported:	03/18/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CW-001.2-02.0-P (H241263-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/14/2024	ND	432	108	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/13/2024	ND	192	95.8	200	3.73	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	192	95.9	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
<i>Surrogate: 1-Chlorooctane</i>	85.8 %	48.2-134							
<i>Surrogate: 1-Chlorooctadecane</i>	110 %	49.1-148							

Sample ID: CF-009.0-06.0-P (H241263-02)

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	03/13/2024	ND	192	95.8	200	3.73	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	192	95.9	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
<i>Surrogate: 1-Chlorooctane</i>	91.6 %	48.2-134							
<i>Surrogate: 1-Chlorooctadecane</i>	115 %	49.1-148							

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	03/12/2024	Sampling Date:	03/05/2024
Reported:	03/18/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-010.0-06.0-P (H241263-03)

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	03/13/2024	ND	192	95.8	200	3.73	
DRO >C10-C28*	<10.0	10.0	03/13/2024	ND	192	95.9	200	4.29	
EXT DRO >C28-C36	<10.0	10.0	03/13/2024	ND					
Surrogate: 1-Chlorooctane	90.0 %	48.2-134							
Surrogate: 1-Chlorooctadecane	116 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



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

June 03, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 05/29/24 9:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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 "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-001.0-02.5-P (H242982-01)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	496	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	192	95.8	200	0.324	
DRO >C10-C28*	264	10.0	05/30/2024	ND	207	103	200	0.518	
EXT DRO >C28-C36	93.5	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-003.0-02.5-P (H242982-02)

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	05/30/2024	ND	1.62	81.2	2.00	4.81		
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12		
Total BTEX	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	192	95.8	200	0.324		
DRO >C10-C28*	54.4	10.0	05/30/2024	ND	207	103	200	0.518		
EXT DRO >C28-C36	17.2	10.0	05/30/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-004.0-05.0-P (H242982-03)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	192	95.8	200	0.324	
DRO >C10-C28*	41.9	10.0	05/30/2024	ND	207	103	200	0.518	
EXT DRO >C28-C36	15.3	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-005.0-06.0-P (H242982-04)

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	05/30/2024	ND	1.62	81.2	2.00	4.81		
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12		
Total BTEX	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	192	95.8	200	0.324		
DRO >C10-C28*	287	10.0	05/30/2024	ND	207	103	200	0.518		
EXT DRO >C28-C36	94.6	10.0	05/30/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-007.0-02.5-P (H242982-05)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	202	101	200	0.469	
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	217	108	200	0.302	
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-015.0-04.0-P (H242982-06)

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	05/30/2024	ND	1.62	81.2	2.00	4.81		
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52		
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19		
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12		
Total BTEX	<0.300	0.300	05/30/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	202	101	200	0.469		
DRO >C10-C28*	<10.0	10.0	05/30/2024	ND	217	108	200	0.302		
EXT DRO >C28-C36	<10.0	10.0	05/30/2024	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-019.0-04.0-P (H242982-07)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	202	101	200	0.469	
DRO >C10-C28*	81.4	10.0	05/30/2024	ND	217	108	200	0.302	
EXT DRO >C28-C36	38.3	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-020.0-05.0-P (H242982-08)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	202	101	200	0.469	
DRO >C10-C28*	435	10.0	05/30/2024	ND	217	108	200	0.302	
EXT DRO >C28-C36	177	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-027.0-05.0-P (H242982-09)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	656	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	202	101	200	0.469	
DRO >C10-C28*	132	10.0	05/30/2024	ND	217	108	200	0.302	
EXT DRO >C28-C36	59.8	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	05/29/2024	Sampling Date:	05/23/2024
Reported:	06/03/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-031.0-05.0-P (H242982-10)

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	05/30/2024	ND	1.62	81.2	2.00	4.81	
Toluene*	<0.050	0.050	05/30/2024	ND	1.63	81.5	2.00	5.52	
Ethylbenzene*	<0.050	0.050	05/30/2024	ND	1.70	84.8	2.00	6.19	
Total Xylenes*	<0.150	0.150	05/30/2024	ND	5.14	85.7	6.00	7.12	
Total BTEX	<0.300	0.300	05/30/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/31/2024	ND	432	108	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	05/30/2024	ND	202	101	200	0.469	
DRO >C10-C28*	111	10.0	05/30/2024	ND	217	108	200	0.302	
EXT DRO >C28-C36	50.2	10.0	05/30/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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



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



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

June 24, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 06/18/24 15:10.

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.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	06/18/2024	Sampling Date:	06/14/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-001.0-04.0-P (H243579-01)

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	06/21/2024	ND	1.98	98.9	2.00	0.0423	
Toluene*	<0.050	0.050	06/21/2024	ND	1.97	98.5	2.00	1.62	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	2.12	106	2.00	1.55	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	6.28	105	6.00	1.95	
Total BTEX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	432	16.0	06/20/2024	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	198	99.2	200	4.77	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	192	96.1	200	5.36	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

State: NM Zip: 88241

Phone #:

Project #: NVA 298

Project Location: Lea Co., NM

Sampler Name: JHC

BILL TO

P.O. #:

Company: Cross Timbers Energy

Attn: Kevin Bennett

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

H243579
Lab I.D.

Sample I.D.

CF-001.0-04.0-P

MATRIX PRESERV. SAMPLING

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER:
ACID/BASE:
ICE / COOL
OTHER:

DATE TIME

Chloride

TPH

BTEX

X

X

X

6/14/2024

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:

Date: 6-18-24
Time: 1510

Received By:

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

Date:
Time:

Received By:

REMARKS:

Delivered By: (Circle One)

Observed Temp. °C
1.3

Sample Condition

Cool Intact
Yes Yes
No No

CHECKED BY:

(Initials)

Sampler - UPS - Bus - Other:

Turnaround Time:

Standard X
Rush

Bacteria (only) Sample Condition

Cool Intact
Yes Yes
No No

Observed Temp. °C

Corrected Temp. °C

Thermometer ID #140

Correction Factor 0 °C

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



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

July 26, 2024

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: NVA 298

Enclosed are the results of analyses for samples received by the laboratory on 07/23/24 16:54.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 DAN DUNKELBERG
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

Received:	07/23/2024	Sampling Date:	07/15/2024
Reported:	07/26/2024	Sampling Type:	Soil
Project Name:	NVA 298	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	CROSS TIMBERS - LEA CO., NM		

Sample ID: CF-006.0-04.0-P (H244387-01)

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	07/25/2024	ND	2.05	102	2.00	6.52	
Toluene*	<0.050	0.050	07/25/2024	ND	1.99	99.6	2.00	6.11	
Ethylbenzene*	<0.050	0.050	07/25/2024	ND	2.08	104	2.00	6.13	
Total Xylenes*	<0.150	0.150	07/25/2024	ND	6.12	102	6.00	6.09	
Total BTEX	<0.300	0.300	07/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	192	16.0	07/24/2024	ND	432	108	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	07/24/2024	ND	202	101	200	2.28	
DRO >C10-C28*	65.2	10.0	07/24/2024	ND	203	102	200	3.59	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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

Notes and Definitions

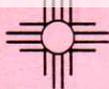
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **684185**

12/21

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>12-1-23</u>
LEASE NAME: <u>NBA 2018</u>	TIME: <u>4:30</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>220</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin B.</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms
 Drilling Fluids
 Rinsate
 BS&W Content:

Solids
 Contaminated Soil
 Jet Out

Description: _____

VOLUME OF MATERIAL

BBLS. _____ :
 YARD 20 :

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Antonio Quintana
(SIGNATURE)

FACILITY REPRESENTATIVE: Mick E
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No.

684286

11851

LEASE OPERATOR/SHIPPER/COMPANY:

Cross Timbers

DATE:

12-4-23

LEASE NAME:

UVA 298

TIME:

9:38 AM/PM

RIG NAME & NUMBER:

VEHICLE NO:

508038

TRANSPORTER COMPANY:

Trinity

PHONE:

GENERATOR COMPANY MAN'S NAME:

Kevin Bennett

PHONE:

575-513-814

CHARGE TO:

Cross Timbers

TYPE OF MATERIAL

Tank Bottoms

Drilling Fluids

Rinsate

BS&W Content:

Solids

Contaminated Soil

Jet Out

Description:

DD

VOLUME OF MATERIAL

BBLs.

YARD

20

RRC or API #

C-133#

dm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER:

(SIGNATURE)

AB.

FACILITY REPRESENTATIVE:

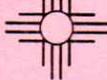
(SIGNATURE)

Mia E.

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **684346**
11855

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>12-4-23</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>4:27</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>251</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____ DD

VOLUME OF MATERIAL

<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD <u>20</u> :	<input type="checkbox"/> _____ :
--	--	----------------------------------

RRC or API # C-133# Alm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 684287
11850

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>12-4-23</u>
LEASE NAME: <u>NVA 2018</u>	TIME: <u>1:40</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>251</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 684320

11855

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>		DATE: <u>12-4-23</u>
LEASE NAME: <u>UVA 2918</u>		TIME: <u>1:55</u> AM/PM
RIG NAME & NUMBER:		VEHICLE NO: <u>251</u>
TRANSPORTER COMPANY: <u>Trinity</u>		PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>		PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:

Solids Contaminated Soil Jet Out

Description: SD

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____ (SIGNATURE)

FACILITY REPRESENTATIVE: Mica E. (SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 686661

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>		DATE: <u>1-18-24</u>
LEASE NAME: <u>NVA 298</u>		TIME: <u>9:13</u> AM/PM
RIG NAME & NUMBER:		VEHICLE NO: <u>290</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:	
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE: <u>575 513 810</u>	

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 12 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

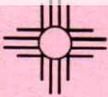
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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 686689

2774

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-18-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>12:06</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>240</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bond</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD <u>12</u> :	<input type="checkbox"/> _____
--	--	--------------------------------

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

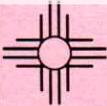
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mic E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 686719
2779

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>		DATE: <u>1-18-24</u>
LEASE NAME: <u>NVA 2018</u>		TIME: <u>3:37</u> AM/PM
RIG NAME & NUMBER:		VEHICLE NO: <u>240</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:	
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE: <u>575-513-8156</u>	

CHARGE TO: Cross Timbers

- TYPE OF MATERIAL
- Tank Bottoms
 - Drilling Fluids
 - Rinsate
 - BS&W Content:
 - Solids
 - Contaminated Soil
 - Jet Out

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 12 : _____

RRC or API # C-133#

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **686720**
5418

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>7-18-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>3:38</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>206</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out _____

Description: _____

VOLUME OF MATERIAL

BBLS. _____ : YARD 12 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Guadalupe Yonez
(SIGNATURE)

FACILITY REPRESENTATIVE: Nha E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 686692

5418

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-18-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>12:12</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>206</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: OD

VOLUME OF MATERIAL

<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD <u>12</u> :	<input type="checkbox"/> _____ :
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RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Guadalupe Yanoz

(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E.

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **686917**

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-22-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>1:08</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>508358</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out _____
 Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

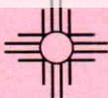
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: Hugo olivera
(SIGNATURE)

FACILITY REPRESENTATIVE: Mba E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 686908

10224

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-22-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>1210</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>508034</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Brown</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- Rinsate
- Jet Out
- BS&W Content: _____

Description: _____

VOLUME OF MATERIAL

- BBLs. _____ :
- YARD 20 :
- _____ :

RRC or API #

C-133#

Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Yanick Lopez
(SIGNATURE)

FACILITY REPRESENTATIVE: Mich E.
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **686931**
1147J

LEASE OPERATOR/SHIPPER/COMPANY: Cross Timbers		DATE: 1-22-24
LEASE NAME: NVA 298		TIME: 3:18 AM/PM
RIG NAME & NUMBER:		VEHICLE NO: 525278
TRANSPORTER COMPANY: Tunity	PHONE:	
GENERATOR COMPANY MAN'S NAME: Kevin Bennett	PHONE:	

CHARGE TO: **Cross Timbers**

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out _____
 Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD **20** : _____

RRC or API # **C-133#** **Nm**

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

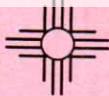
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: **Dick Bralcasta**
(SIGNATURE)

FACILITY REPRESENTATIVE: **Mia E.**
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 686912
1147J

LEASE OPERATOR/SHIPPER/COMPANY: <i>Cross Timbers</i>	DATE: <i>1-22-24</i>
LEASE NAME: <i>NVA 2978</i>	TIME: <i>12:35</i> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <i>225278</i>
TRANSPORTER COMPANY: <i>Trinity</i>	PHONE:
GENERATOR COMPANY MAN'S NAME: <i>Kevin Bennett</i>	PHONE:

CHARGE TO: *Cross Timbers*

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD <i>20</i> :	<input type="checkbox"/> _____ :
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RRC or API # _____ C-133# *Nm*

STICKERS, CODES, NUMBERS, ETC.

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DRIVER: *Maubre Choesta*
(SIGNATURE)

FACILITY REPRESENTATIVE: *Mike T.*
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 687006
2690

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-23-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>2:43</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>507037</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE: <u>575-513-8154</u>

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

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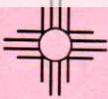
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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **687339**
5423

LEASE OPERATOR/SHIPPER/COMPANY: Cross Timbers	DATE: 1-29-24
LEASE NAME: NVA 2918	TIME: 1:57 AM/PM
RIG NAME & NUMBER:	VEHICLE NO: 525020
TRANSPORTER COMPANY: Trinity	PHONE:
GENERATOR COMPANY MAN'S NAME: Kevin Bunnell	PHONE:

CHARGE TO: **Cross Timbers**

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____ **OD**

VOLUME OF MATERIAL

<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD 20 :	<input type="checkbox"/> _____ :
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RRC or API # **C-133#** **Nm**

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

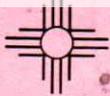
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DRIVER: *[Signature]*
(SIGNATURE)

FACILITY REPRESENTATIVE: *Mia E.*
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **687363**

5420

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-24-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>4:42</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>525220</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin B.</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

BBLS. _____ : YARD 20 : _____

RRC or API # C-133#

STICKERS, CODES, NUMBERS, ETC.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.
P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **687435**
2784

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME: **NVA 298 Cross Timbers**

DATE: **1-30-24**

RIG NAME & NUMBER:

TIME: **3:38** AM/PM

TRANSPORTER COMPANY:

Trinity

VEHICLE NO: **585220**

GENERATOR COMPANY MAN'S NAME:

Kevin Bennett

PHONE:

CHARGE TO:

Cross Timbers

PHONE:

TYPE OF MATERIAL

- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- Rinsate
- Jet Out
- BS&W Content:

Description: _____

OD

VOLUME OF MATERIAL

- BBLs. _____ :
- YARD **20** :
- _____ :

RRC or API #

C-133#

Nm

STICKERS, CODES, NUMBERS, ETC.

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DRIVER:

(SIGNATURE)

SC 8

FACILITY REPRESENTATIVE:

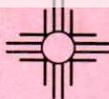
(SIGNATURE)

Mia E.

Copy



11



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **687405**
2784

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>1-30-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>12:45</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>585220</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:

Solids Contaminated Soil Jet Out

Description: DD

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>8-20-24</u>
LEASE NAME: <u>NVA 248</u>	TIME: <u>Page 260 of 297</u>
RIG NAME & NUMBER:	VEHICLE NO: <u>52522</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL	<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____
Description: _____ <u>DD</u>				

VOLUME OF MATERIAL	<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD <u>20</u> :	<input type="checkbox"/> _____ :
--------------------	--	--	----------------------------------

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: E. CG
(SIGNATURE)

FACILITY REPRESENTATIVE: Ma E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: <u>Gross Timbers</u>		DATE: <u>8-21-24</u>
LEASE NAME: <u>NVA 298</u>		TIME: <u>9:27</u> AM/PM
RIG NAME & NUMBER:		VEHICLE NO: <u>52522</u>
TRANSPORTER COMPANY: <u>Trinity</u>		PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennell</u>		PHONE:

CHARGE TO: Gross Timbers

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out

Description: OD

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: E. Chavez
(SIGNATURE)

FACILITY REPRESENTATIVE: Mica E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>		DATE: <u>12/28/20</u>
LEASE NAME: <u>NVA 298</u>		TIME: <u>12:28</u> AM/PM
RIG NAME & NUMBER:		VEHICLE NO: <u>585220</u>
TRANSPORTER COMPANY: <u>Trinity</u>		PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>		PHONE:
CHARGE TO: <u>Cross Timbers</u>		
TYPE OF MATERIAL	<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids
	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil
		<input type="checkbox"/> Rinsate
		<input type="checkbox"/> BS&W Content:
Description: _____		<u>OD</u>
VOLUME OF MATERIAL	<input type="checkbox"/> BBLS. _____ :	<input checked="" type="checkbox"/> YARD <u>20</u> :
		<input type="checkbox"/> _____ :
RRC or API #		C-133# <u>Nm</u>
<p>STICKERS, CODES, NUMBERS, ETC.</p> <p>AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.</p> <p>ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.</p>		
<p>THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.</p>		
DRIVER: <u>S. Chauzy</u>	(SIGNATURE)	
FACILITY REPRESENTATIVE: <u>Mia E.</u>	(SIGNATURE)	
White - Sundance	Canary - Sundance Acct #1	Pink - Transporter
Reorder from: Vertigo Creative Services LLC • www.VertigoCreative.com • Form#SDI-004c		



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. ²¹⁸⁶ 687641

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2-2-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>9:46</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>525220</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____ DD

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: E. P. King
(SIGNATURE)

FACILITY REPRESENTATIVE: W. E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **687696**
12647

LEASE OPERATOR/SHIPPER/COMPANY: Cross Timbers	DATE: 2-2-24
LEASE NAME: NVA 2028	TIME: 3:05 AM/PM
RIG NAME & NUMBER:	VEHICLE NO: 310
TRANSPORTER COMPANY: Trinity	PHONE:
GENERATOR COMPANY MAN'S NAME: Kevin Bannell	PHONE:

CHARGE TO: **Cross Timbers**

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD **12** : _____

RRC or API # **C-133#** **Nm**

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. **687644**
12073

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2.2.24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>10:08</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>251</u>
TRANSPORTER COMPANY: <u>Timidy</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# Jm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

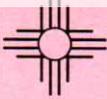
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. 687853

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2-5-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>1:06</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>213</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 12 : _____

RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No.

2181
687882

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2-5-21</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>3:47</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>508231</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Janetka [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E. [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. ²⁷⁸¹ 687817

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2.5.24</u>
LEASE NAME: <u>NVA 248</u>	TIME: <u>9:43</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>508034</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennet</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out

Description: _____ SD

VOLUME OF MATERIAL BBLs. _____ : YARD 20 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Yamiller
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. ²⁷⁸⁷ 687843

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2-5-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>12:35 AM/PM</u>
RIG NAME & NUMBER:	VEHICLE NO: <u>508034</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # _____ C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

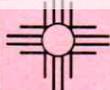
ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET. TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: _____
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231

Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No.

3415
687837

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2.5.24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>12:18</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>525220</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bunnell</u>	PHONE:

CHARGE TO: Cross Timbers

- TYPE OF MATERIAL
- Tank Bottoms
 - Solids
 - Drilling Fluids
 - Contaminated Soil
 - Rinsate
 - Jet Out
 - BS&W Content: _____

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133#

STICKERS, CODES, NUMBERS, ETC.

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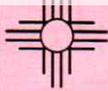
DRIVER: E. Chavez
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E.
(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter



SUNDANCE SERVICES WEST, INC.

P.O. Box 1737 Eunice, New Mexico 88231
Business: (575) 394-2511 • Disposal: (575) 390-7842

TICKET No. ⁵⁴¹⁵ 687876

LEASE OPERATOR/SHIPPER/COMPANY: <u>Cross Timbers</u>	DATE: <u>2-5-24</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>3:19</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>325200</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross Timbers

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	_____

Description: _____

VOLUME OF MATERIAL

<input type="checkbox"/> BBLs. _____ :	<input checked="" type="checkbox"/> YARD <u>20</u> :	<input type="checkbox"/> _____ :
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RRC or API # C-133# Nm

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: S. Chavez
(SIGNATURE)

FACILITY REPRESENTATIVE: Mia E
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: *Briggs Timber*

Received by OCD: 8/23/2024 3:45:53 PM

LEASE NAME: *NV 11 218*

DATE: *2-6-24*

TIME: *1:29* AM/PM

RIG NAME & NUMBER:

VEHICLE NO: *213*

TRANSPORTER COMPANY: *Trinity*

PHONE: -

GENERATOR COMPANY MAN'S NAME: *Kevin Bennett*

PHONE: *575-513-8152*

CHARGE TO: *Trinity*

TYPE OF MATERIAL

- Tank Bottoms
- Drilling Fluids
- Rinsate
- BS&W Content:
- Solids
- Contaminated Soil
- Jet Out

Description: *Oil*

VOLUME OF MATERIAL

- BBLs. _____ :
- YARD *12* :
- _____

RRC or API #

C-133# *N 11*

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: _____

(SIGNATURE)

FACILITY REPRESENTATIVE: *Silburris* _____

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: <u>Timbers</u>	DATE: <u>2-6-24</u>
LEASE NAME: <u>NHA 298</u>	TIME: <u>9:04</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>213</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE: <u>575-513-5136</u>

CHARGE TO: Trinity

TYPE OF MATERIAL

Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out

Description: 010

VOLUME OF MATERIAL

BBLs. _____ : YARD 12 : _____

RRC or API # _____ C-133# NW

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

LEASE OPERATOR/SHIPPER/COMPANY: Ames Timbers DATE: 2-6-24
 LEASE NAME: NVA 298 TIME: 9:13 AM/PM
 RIG NAME & NUMBER: _____ VEHICLE NO: 568938
 TRANSPORTER COMPANY: Trinity PHONE: _____
 GENERATOR COMPANY MAN'S NAME: Kevin Bennett PHONE: 575 513 8130

CHARGE TO: Trinity

TYPE OF MATERIAL [] Tank Bottoms [] Drilling Fluids [] Rinsate [] BS&W Content:
 [] Solids [] Contaminated Soil [] Jet Out _____
 Description: _____ 010

VOLUME OF MATERIAL [] BBLs. _____ : [] YARD 20 : [] _____

RRC or API # _____ C-133# NH

STICKERS, CODES, NUMBERS, ETC. AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 8901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Hugo Olivarez
 (SIGNATURE)
 FACILITY REPRESENTATIVE: S. Morris
 (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

Reorder from: Vertigo Creative Services LLC • www.VertigoCreative.com • Form#SDI-004c

LEASE OPERATOR/SHIPPER/COMPANY: *Cross Timber*

DATE: *2-6-24*

Received by OCD: 8/23/2024 3:45:53 PM

TIME: *1:15* AM/PM

LEASE NAME: *NH 370*

RIG NAME & NUMBER:

VEHICLE NO: *508031*

TRANSPORTER COMPANY: *Trinity*

PHONE:

GENERATOR COMPANY MAN'S NAME: *Kevin Bennett*

PHONE: *575 913-8156*

CHARGE TO: *Trinity*

TYPE OF MATERIAL

- Tank Bottoms
- Drilling Fluids
- Rinsate
- BS&W Content:
- Solids
- Contaminated Soil
- Jet Out

Description: *Oil*

VOLUME OF MATERIAL

- BBLs. _____ :
- YARD *20* _____ :
- _____

RRC or API #

C-133#

NH

STICKERS, CODES, NUMBERS, ETC.

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DRIVER: *Yamirka Lazarec*

(SIGNATURE)

FACILITY REPRESENTATIVE: *Smorris*

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

Reorder from: Vertigo Creative Services LLC • www.VertigoCreative.com • Form#SDI-004c

LEASE OPERATOR/SHIPPER/COMPANY: *Arroyo Timbers*

Received by OCD: 8/23/2024 3:45:53 PM

DATE: *2-6-24*

LEASE NAME:

NUA # 215

TIME: *9:10* AM/PM

RIG NAME & NUMBER:

VEHICLE NO:

TRANSPORTER COMPANY:

Trinity

PHONE:

GENERATOR COMPANY MAN'S NAME:

Kevin Bennett

PHONE:

575 513 8156

CHARGE TO:

Trinity

TYPE OF MATERIAL

- Tank Bottoms
- Drilling Fluids
- Rinsate
- BS&W Content:
- Solids
- Contaminated Soil
- Jet Out

Description:

oil

VOLUME OF MATERIAL

- BBLs. _____ :
- YARD *20* _____ :
- _____ :

RRC or API #

C-133#

N 41

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. 5 6901, et seq., THE NM HEALTH AND SAF. CODE 5 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER:

Yamilette Jozaquez

(SIGNATURE)

FACILITY REPRESENTATIVE:

S Morris

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

Reorder from: Vertigo Creative Services LLC • www.VertigoCreative.com • Form#SDI-004c

LEASE OPERATOR/SHIPPER/COMPANY: Cross Timber DATE: 8-6-24
 LEASE NAME: NVA 313 TIME: 1:17 AM/PM
 RIG NAME & NUMBER: _____ VEHICLE NO: 508038
 TRANSPORTER COMPANY: Trinity PHONE: _____
 GENERATOR COMPANY MAN'S NAME: Kevin Bennett PHONE: _____

CHARGE TO: Trinity

TYPE OF MATERIAL Tank Bottoms Drilling Fluids Rinsate BS&W Content:
 Solids Contaminated Soil Jet Out _____
 Description: OID

VOLUME OF MATERIAL BBLs. _____ : YARD 20 : _____

RRC or API # _____ C-133# NVA

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Hugo Olivarez
 (SIGNATURE)
 FACILITY REPRESENTATIVE: Smorno
 (SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

Received by OCD: 8/23/2024 3:45:53 PM

LEASE OPERATOR/SHIPPER/COMPANY: <u>Timber</u>	DATE: <u>8/16/2024</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>1:14</u> AM/PM
RIG NAME & NUMBER:	VEHICLE NO: <u>678</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE:

CHARGE TO: Cross

TYPE OF MATERIAL

<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	

Description: _____

VOLUME OF MATERIAL

BBLs. _____ : YARD 20 : _____

RRC or API # C-133# NNT

STICKERS, CODES, NUMBERS, ETC.

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DRIVER: Hugo Olivarez
(SIGNATURE)

FACILITY REPRESENTATIVE: Coltonia R.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

Reorder from: Vertigo Creative Services LLC • www.VertigoCreative.com • Form#SDI-004c

LEASE OPERATOR/SHIPPER/COMPANY:

Received by OCD: 8/23/2024 3:45:53 PM

LEASE NAME:

DATE:

TIME: 10:00 AM/PM

RIG NAME & NUMBER:

VEHICLE NO:

TRANSPORTER COMPANY:

PHONE:

GENERATOR COMPANY MAN'S NAME:

PHONE:

CHARGE TO:

TYPE OF MATERIAL

- Tank Bottoms
- Drilling Fluids
- Rinsate
- BS&W Content:
- Solids
- Contaminated Soil
- Jet Out

Description:

VOLUME OF MATERIAL

- BBLs. _____ :
- YARD 20 _____ :
- _____ :

RRC or API #

C-133#

STICKERS, CODES, NUMBERS, ETC.

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DRIVER:

(SIGNATURE)

FACILITY REPRESENTATIVE:

(SIGNATURE)

White - Sundance

Canary - Sundance Acct #1

Pink - Transporter

Reorder from: Vertigo Creative Services LLC · www.VertigoCreative.com · Form#SDI-004c

LEASE OPERATOR/SHIPPER/COMPANY: <u>Timber</u>	DATE: <u>8/16/2024</u>
LEASE NAME: <u>NVA 298</u>	TIME: <u>1:13</u> AM/PM <u>(M)</u>
RIG NAME & NUMBER:	VEHICLE NO: <u>709</u>
TRANSPORTER COMPANY: <u>Trinity</u>	PHONE:
GENERATOR COMPANY MAN'S NAME: <u>Kevin Bennett</u>	PHONE: <u>(575) 513-8186</u>

CHARGE TO: 1025 Timbers

TYPE OF MATERIAL	<input type="checkbox"/> Tank Bottoms	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate	<input type="checkbox"/> BS&W Content:
	<input type="checkbox"/> Solids	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out	
Description: _____				

VOLUME OF MATERIAL	<input type="checkbox"/> BBLS. _____ :	<input checked="" type="checkbox"/> YARD <u>20</u> :	<input type="checkbox"/> _____ :
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RRC or API # C-133# NM

STICKERS, CODES, NUMBERS, ETC.

AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. § 6901, et seq., THE NM HEALTH AND SAF. CODE § 361.001 et seq., AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO SUNDANCE SERVICES, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: _____
(SIGNATURE)

FACILITY REPRESENTATIVE: Estelina P.
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter

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QUESTIONS

Action 323626

QUESTIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1917955649
Incident Name	NDHR1917955649 NORTH VACUUM ABO UNIT 298 @ 30-025-29608
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29608] NORTH VACUUM ABO UNIT #298

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	NORTH VACUUM ABO UNIT 298
Date Release Discovered	06/12/2019
Surface Owner	State

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	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 323626

QUESTIONS (continued)

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	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>

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.

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: Dan Dunkelberg Title: Consultant Email: dan@trinityoilfieldservices.com Date: 08/23/2024
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QUESTIONS (continued)

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	144
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	11/20/2023
On what date will (or did) the final sampling or liner inspection occur	11/20/2023
On what date will (or was) the remediation complete(d)	07/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	6167
What is the estimated volume (in cubic yards) that will be reclaimed	1092
What is the estimated surface area (in square feet) that will be remediated	6167
What is the estimated volume (in cubic yards) that will be remediated	1092

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

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

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Action 323626

QUESTIONS (continued)

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	SUNDANCE SERVICES, INC [fKJ1600527371]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dan Dunkelberg Title: Consultant Email: dan@trinityoilfieldservices.com Date: 08/23/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 323626

QUESTIONS (continued)

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only

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.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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Action 323626

QUESTIONS (continued)

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	359335
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/15/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	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	6167
What was the total volume (cubic yards) remediated	1092
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Upon remediation closure approval, the excavation will be backfilled and reclaimed in accordance with 19.15.29.13 NMAC.

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 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: Dan Dunkelberg Title: Consultant Email: dan@trinityoilfieldservices.com Date: 08/23/2024
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QUESTIONS, Page 7

Action 323626

QUESTIONS (continued)

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS
 Action 323626

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 323626
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation closure report approved, release resolved.	10/17/2024