

December 3, 2025

New Mexico Oil Conservation Division

New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505



Re: Closure Report
Cotton Draw 29-30 CTB
Incident Number nAPP2520435505
Lea County, New Mexico

To Whom It May Concern:

Safety & Environmental Solutions (SESI), on behalf of Devon Energy Production Company, LP (Devon), has prepared this Closure Report to document assessment and soil sampling activities at the Cotton Draw 29-30 CTB (Site) in Unit H, Section 30, Township 25 South, Range 32 East, in Lea County, New Mexico (Figure 1). The Site (32.10432422, -103.706636 NAD83) is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this Closure Report, describing Site assessment, delineation and excavation activities that have occurred to date for Incident Number nAPP2520435505.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in is Unit H, Section 30, Township 25 South, Range 32 East, in Lea County, New Mexico. (32.10432422, -103.706636 NAD83) and is associated with oil and gas exploration and production on Federal Land managed by the Bureau of Land Management (BLM).

Incident C-141 received on 07/23/2025 for release discovered on 07/22/2025. The cause of the release was reported as equipment failure: "Pinhole leak developed on separator, allowing produced water to impact pad surface." Corrosion | Separator | Produced Water | Released: 7 BBL | Recovered: 3 BBL | Lost: 4 BBL.

SITE CHARACTERIZATION and CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I Closure Criteria for Soils Impacted by a Release, as specified in 19.15.29 NMAC. Results of the desktop review are summarized below; receptors are identified in Figure 1, with well records provided in Appendix A.

- Surface elevation is approximately 3370 feet above mean sea level (msl).
- The nearest continuously flowing water course (Pecos River) is located 19.45 miles to the west of the site.
- The nearest wetland (riverine) is located 0.99 miles to the east of the site.
- The nearest freshwater pond habitat is located 0.85 miles south of the site.
- The nearest lakebed, sinkhole, or playa lake (Red Bluff Lake) is located about 16.60 miles south southwest of the site.
- The nearest subsurface mine >20 miles west northwest, associated with Mosaic Potash Carlsbad.
- According to the FEMA National Flood Hazard Layer (NFHL) FIRMette map, the Site is located entirely within Zone D (Area of Undetermined Flood Hazard). The property is not located within a 100-year floodplain, and no regulatory floodways are mapped at or immediately adjacent to the Site. Zone X area is located 0.91 miles west of the Site.



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- According to the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is classified primarily as Pyote loamy fine sand, with 0 to 3 percent slopes. This soil is formed from sandy eolian deposits derived from sedimentary rock and occurs on nearly level plains. The Pyote series consists of loamy fine sand over fine sandy loam with no restrictive features to a depth greater than 80 inches. It is well drained with negligible runoff and high permeability. Available water capacity is low, and the soil is rated as non-hydric.
- Minor components include the Berino-Cacique loamy fine sands association, which includes the Berino series—well drained with moderate water-holding capacity and no restrictive layer—and the Cacique series, which contains a petrocalcic horizon at 20 to 40 inches and exhibits very low to moderately low permeability and high runoff. Also present in very limited extent are the Maljamar and Palomas fine sands, which occur on similar terrain and include petrocalcic layers at 40 to 60 inches in the Maljamar series. All soils are classified as non-hydric and fall within Ecological Site R070BD003NM (Loamy Sand). The area is not designated as prime farmland, but portions are considered farmland of statewide importance. Salinity levels are minimal, gypsum content is low, and there is no risk of flooding or ponding.
- The site is located within a low karst area.
- According to the New Mexico Oil Conservation Division (NMOCD) Oil and Gas Map, there are no surface water features within 0.50 miles of the reported release location. Records from the New Mexico Office of the State Engineer (OSE) indicate that the closest registered Point of Diversion (POD), identified as C-04722-POD1-2 located approximately 0.59 miles south southeast of the release site at coordinates POD-1 32.102412, -103.696799, POD-2 32.165501, -103.718744 (SW NE, Section 29, Township 25S Range 32E). This exploration well was drilled by Devon Energy on June 1, 2023, to a depth of 55 feet below ground surface (bgs) using air rotary drilling method. No groundwater was encountered during drilling, and the well was classified as a dry hole.

Based on the results of the Site Characterization, groundwater in the area occurs at depths over 51 feet below ground surface (bgs). Therefore, pursuant to Table I Closure Criteria for Soils Impacted by a Release as specified in 19.15.29 NMAC, the following closure criteria apply to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 2,500 mg/kg
- Chloride: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On July 28, 2025, SESI mobilized to the Cotton Draw 29-30 CTB to conduct an initial delineation investigation following a produced-water release. A total of fourteen (14) soil samples were collected at the surface and at six inches below ground surface (bgs). Samples were field-screened for chloride and submitted to Cardinal Laboratories (Lab ID: H254588) under proper chain-of-custody procedures for analysis of Chloride (SM4500Cl-B) and TPH (GRO/DRO/EXT DRO) by EPA 8015M.

Initial site delineation laboratory analytical results indicated that chloride concentrations across the sampling event ranged from 48 mg/kg (HP-2-S) to 27,200 mg/kg (SP-3-6"). Horizontal sample point HP-1-S exhibited an elevated chloride concentration of 3,760 mg/kg; therefore, the release boundary was expanded to include this area. During confirmation sampling, the HP-1-S location was shifted approximately 3 feet outward to verify delineation. (See Figure 1 Confirmation Sample Map). Additionally, laboratory results confirmed that concentrations of benzene, total BTEX, and total TPH were below their respective reporting limits. (See Table 1 – Delineation Sample Laboratory Analytical Report Summary.)



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Additional delineation activities were conducted to further define the vertical extent of the contamination. Three (3) delineation boreholes were advanced within the release area. (Borehole locations are documented in Figure 1 Delineation Sample Map)

Borehole BH-1 was advanced to a depth of 6 feet below ground surface (bgs), at which point analytical results indicated constituent concentrations at or below the most stringent closure criteria: less than 600 mg/kg chloride, 100 mg/kg total TPH, 50 mg/kg BTEX, and 10 mg/kg benzene.

Borehole BH-2 was advanced to a depth of 4 feet bgs, at which point drilling refusal was encountered. Due to safety considerations and the borehole's close proximity to critical infrastructure, it was determined that advancing the borehole further was not feasible. Borehole BH-2 at 4 feet BGS chloride concentrations remained elevated at 8,440 mg/kg. Although this concentration meets the applicable Table 1 Closure Criteria for the site, the total vertical extent of contamination could not be determined at this location.

Borehole BH-3 was advanced to a depth of 4 feet below ground surface (bgs), at which point analytical results indicated constituent concentrations at or below the most stringent closure criteria: less than 600 mg/kg chloride, 100 mg/kg total TPH, 50 mg/kg BTEX, and 10 mg/kg benzene.

In summary, the delineation borehole laboratory results indicate that the vertical extent of chloride contamination within the release area ranges from approximately 4 to 6 feet BGS. (See Table 1 – Delineation Sample Laboratory Analytical Report Summary.)

Based on the delineation findings, SESI determined that the impacted area encompasses approximately 1,989 square feet. The site is situated within a low karst potential area, and groundwater occurs at depths greater than 55 feet below ground surface (bgs), well below the zone of impact. Under these conditions, the applicable remediation standards, as outlined in NMOCD Table 1, are 10,000 mg/kg for chloride, 2,500 mg/kg for total petroleum hydrocarbons (TPH), 1,000 mg/kg GRO + DRO, 50 mg/kg Total BTEX, and 10 mg/kg Benzene.

Following the initial assessment and delineation activities, SESI implemented all corrective actions necessary to support closure. Impacted soils in accessible areas were excavated by hand to depths averaging 1–3 feet bgs, or until analytical results confirmed that vertical delineation met closure criteria. Impacted soil beneath active critical equipment was hand scraped to attempt to remove as much contamination as feasible as possible. All excavated material was transported under manifest to an NMOCD-approved disposal facility.

Following excavation, the required Confirmation Sampling notification was submitted to the NMOCD on November 3, 2025. A total of thirty-two (32) confirmation soil samples were collected from the excavation base and sidewalls, from backfill materials, and from areas located beneath active critical equipment. All samples were properly packaged and submitted to Envirotech Laboratory under standard chain-of-custody procedures for analysis of chloride (EPA 300.0/9056A), total petroleum hydrocarbons (TPH; GRO/DRO/EXT DRO) by EPA 8015D, benzene and BTEX by EPA 8021B.

Laboratory analytical results confirmed that all accessible portions of the affected area met the NMOCD Table 1 closure criteria as well as SESI's internal remediation targets. However, two locations situated beneath active critical equipment continued to exhibit elevated chloride concentrations that could not be feasibly excavated, with measured concentrations of 42,300 mg/kg at SS-1-S and 15,000 mg/kg at SS-5-S. These results support SESI's request for a remediation deferral in the equipment-obstructed zones, which exceed the chloride closure requirement of 10,000 mg/kg.

The two limited areas for which remediation deferral is being requested encompass approximately 80 square feet, with an estimated 9 cubic yards of impacted soil remaining beneath critical infrastructure. Devon Energy respectfully requests that remediation of these areas be deferred until facility abandonment, at which time the equipment can be



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removed and the remaining impacts fully addressed. (See Table 1 – Confirmation Sample Laboratory Analytical Report Summary.)

Following confirmation that closure criteria were met in all accessible areas, the excavation was backfilled with clean, compatible material and restored to original grade.

CONCLUSION

Based on the delineation findings, completed corrective actions, and confirmatory analytical results, Devon Energy respectfully requests a remediation deferral for the areas beneath the critical equipment and a No Further Action (NFA) determination for the release, with deferred remediation to be conducted at the time of facility abandonment.

If you have any questions or comments, please contact Leslie Mendenhall at (575) 973-5675 or lmendenhall@sesi-nm.com.

Sincerely,
Safety & Environmental Solutions, Inc.

Leslie Mendenhall

Leslie Mendenhall, Sr. VP of Environmental

Cc: Jim Raley, Devon

Appendices:

Figure 1. Site Vicinity and Receptor Map

Figure 2. Soil Survey Map

Table 1. Laboratory Analytical Report Summarized

Appendix A. Well Records & Logs

Appendix B. Photographic Log

Appendix C. Laboratory Analytical Reports & Chain of Custody Documentation

Appendix D. C-141 Forms and Correspondence

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Figure 1. Site Vicinity and Receptor Map



300 ft

Cotton Draw 29-30 CTB

JL H, Section 30, T25S, R32E
Lea County, New Mexico

APP2520435505

Vicinity Map



Cotton Draw 29-30 CTB







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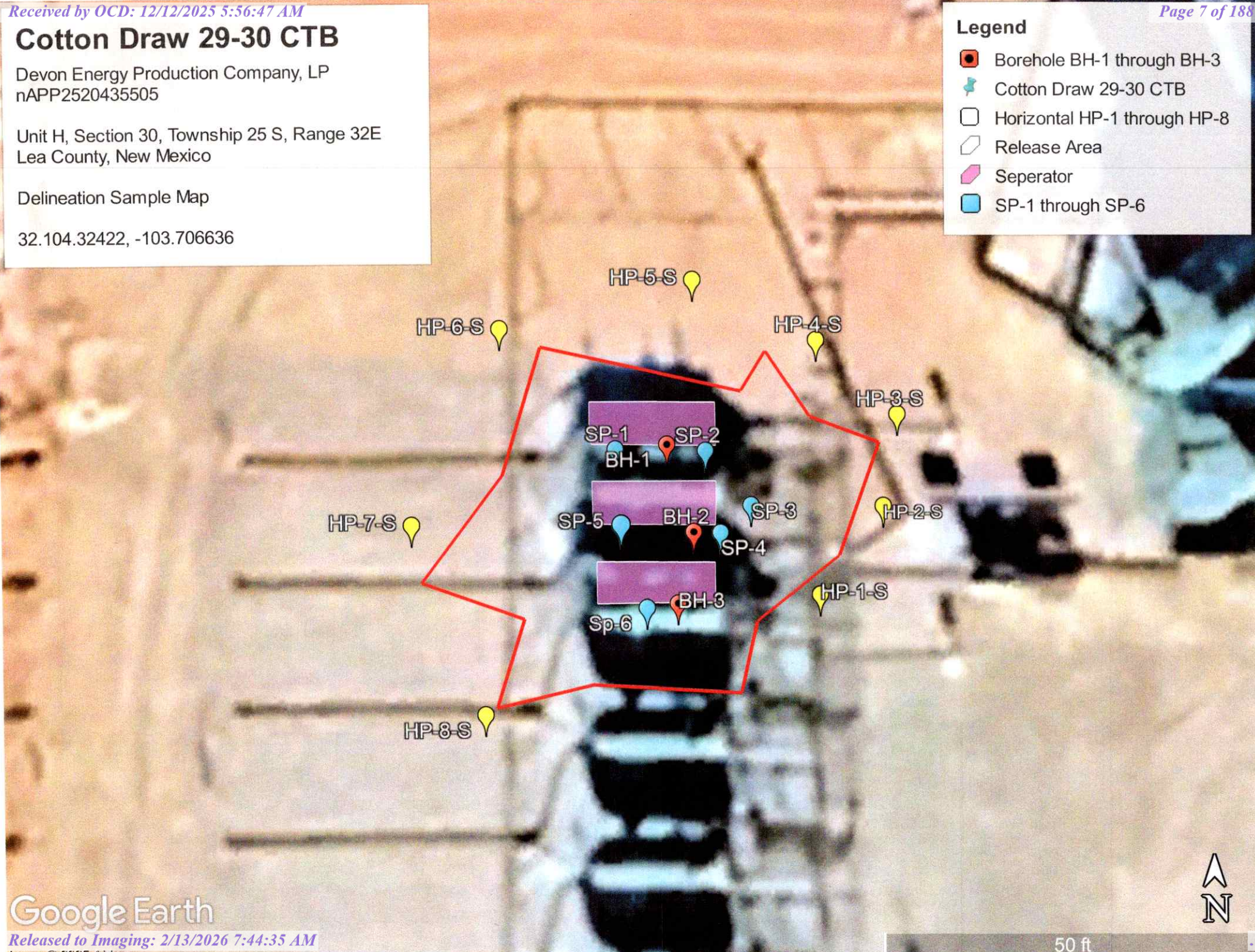
Unit H, Section 30, Township 25 S, Range 32E
Lea County, New Mexico

Delineation Sample Map

32.104.32422, -103.706636

Legend

-  Borehole BH-1 through BH-3
-  Cotton Draw 29-30 CTB
-  Horizontal HP-1 through HP-8
-  Release Area
-  Seperator
-  SP-1 through SP-6



Cotton Draw 29-30 CTB







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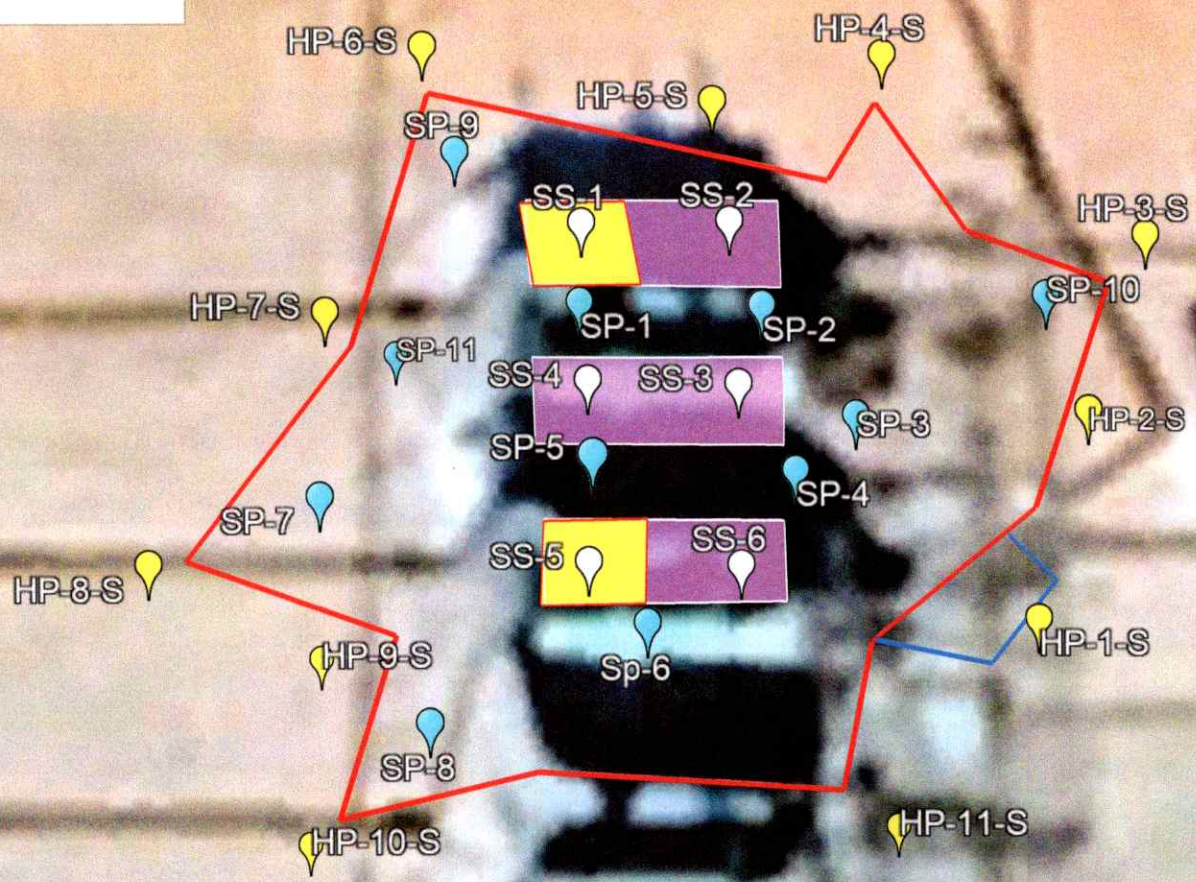
Unit H, Section 30, Township 25 S, Range 32E
Lea County, New Mexico

Confirmation Sample Map to include Deferral Areas

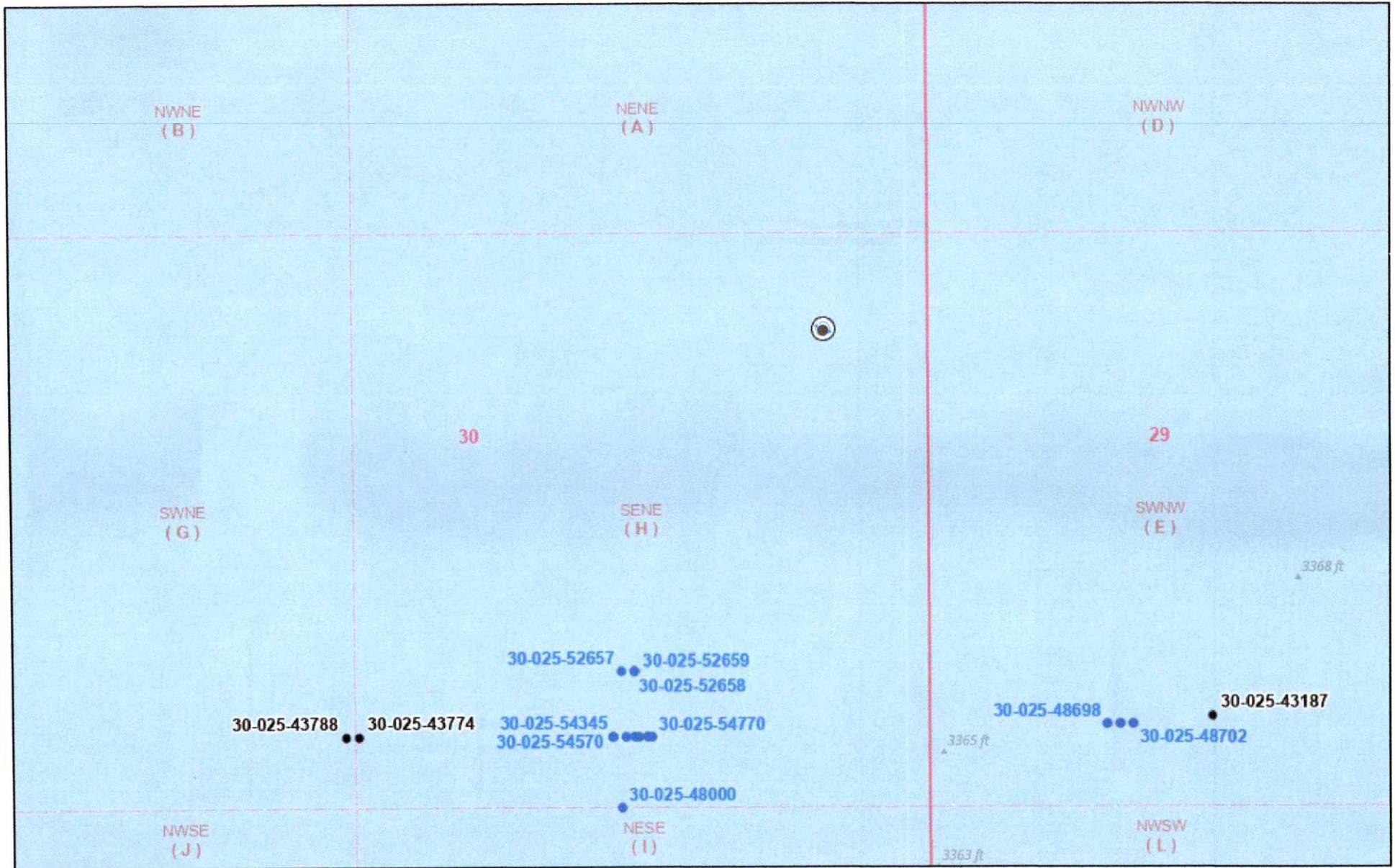
32.104.32422, -103.706636

Legend

-  Deferral Request Area
-  HP-1 through HP-11
-  Initial Release Area
-  Release Area Extension
-  Separator
-  SP-1 through SP-11



OCD Well Locations | Karst Map



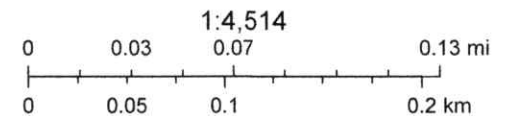
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Wells - Large Scale Incident Release

- Oil, Active
- Oil, New

- ⊙ Produced Water Release
- Low Karst Occurrence Potential

- PLSS Second Division
- PLSS First Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri,

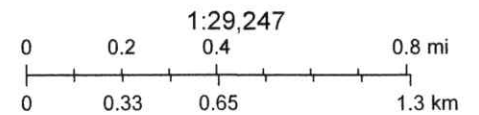
New Mexico Oil Conservation Division

OSE POD Location Map



8/9/2025, 10:07:46 PM

 OSE District Boundary



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

Online web user

This is an unofficial map from the OSE's online application.

National Flood Hazard Layer FIRMette



103°42'43"W 32°6'31"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone I
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation (20.2, 17.5)
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/25/2025 at 8:21 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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103°42'5"W 32°6'N

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Appendix A. Well Records & Logs



New Mexico Office of the State Engineer Active & Inactive Points of Diversion

WR File Nbr	Sub basin	Use	Diversion	County	POD Number	Well Tag	[R=POD has been replaced and no longer serves this file, C=the file is closed]			(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)					(NAD83 UTM in meters)		Map	Start Date	End Date	Depth Well (in feet)	Depth Water (in feet)	
							Code	Grant	Source	q64	q16	q4	Sec	Tws	Range	X						Y
C_04317	CUB	GEO	0.000	LE	C_04317_POD1	NA				NE	SW	NE	36	25S	32E	629792.2	3551223.9					
C_04618	CUB	MON	0.000	LE	C_04618_POD1	NA				SW	SE	SW	18	25S	32E	621040.8	3554886.9		2022-06-01	2022-06-01	55	
C_04620	CUB	MON	0.000	LE	C_04620_POD1	NA				SE	SW	SE	06	25S	32E	621445.0	3558018.4		2022-06-01	2022-06-01	55	
C_04634	CUB	EXP	0.000	LE	C_04634_POD1	NA				SE	SW	SW	10	25S	32E	625642.8	3556522.4		2022-06-07	2022-06-07	55	
C_04722	CUB	MON	0.000	LE	C_04722_POD1	NA				SW	SW	NE	29	25S	32E	622962.1	3552530.5		2023-06-01	2023-06-01		
				LE	C_04722_POD2	NA				NE	NW	NW	06	25S	32E	620808.2	3559499.5		2023-06-01	2023-06-01	55	
C_04795	CUB	EXP	0.000	LE	C_04795_POD1	NA				SE	SE	NW	08	25S	32E	622864.7	3557423.8		2024-01-19	2024-01-19		
C_04857	CUB	EXP	0.000	LE	C_04857_POD1	NA				NE	SW	NE	35	25S	32E	628178.1	3551126.7					
C_04879	CUB	EXP	0.000	LE	C_04879_POD1	NA				SW	NW	NW	28	25S	32E	623889.6	3552875.3		2024-10-07	2024-10-07	55	
C_04891	CUB	MON	0.000	LE	C_04891_POD1	NA				NE	NW	NW	27	25S	32E	625617.5	3553080.4					
C_04924	CUB	MON	0.000	LE	C_04924_POD1	NA				SE	SE	SW	04	25S	32E	624324.5	3558103.7		2024-01-08	2024-01-08	105	
C_04957	CUB	EXP	0.000	LE	C_04957_POD1	NA				SW	SW	SE	33	25S	32E	624598.5	3550047.5		2025-05-07	2025-05-07	70	
C_04972	CUB	MON	0.000	LE	C_04972_POD1	NA				NE	NE	NE	34	25S	32E	626804.2	3551481.6					
C_04980	CUB	EXP	0.000	LE	C_04980_POD1	NA				SW	SE	SE	21	25S	32E	624217.9	3553251.7					

Record Count: 14

Filters Applied:

Basin/County Search:

August 3, 2025 06:16 PM MST

Page 1 of 2

Active & Inactive Points of Diversion (with Well Drill Dates & Depths)

File No. C-04722 PoDI-2

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well*(Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Groundwater determination
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.
 *New Mexico Environment Department-Drinking Water Bureau (NMED-DWB) will be notified if a proposed exploratory well is used for public water supply.

<input checked="" type="checkbox"/> Temporary Request - Requested Start Date: 03-22-2023	Requested End Date: 04-21-2023
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Plugging Plan of Operations Submitted? Yes No

1. APPLICANT(S)

Name: Devon Energy Resources	Name: Vertex Resources
Contact or Agent: check here if Agent <input type="checkbox"/> Dale Woodall	Contact or Agent: check here if Agent <input type="checkbox"/> Kent Stallings
Mailing Address: 205 E Bender Road # 150	Mailing Address:
City: Hobbs	City:
State: Zip Code: NM 88240	State: Zip Code:
Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): 405-318-4697	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): Dale.Woodall@dvn.com	E-mail (optional):

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 07/12/22

File No.: C-04722	Trn. No.: 744782	Receipt No.: 2-45412
Trans Description (optional):		
Sub-Basin: CUB	PCW/LOG Due Date: 3/22/24	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

NM State Plane (NAD83) (Feet) UTM (NAD83) (Meters) Lat/Long (WGS84) (to the nearest 1/10th of second)
 NM West Zone Zone 12N
 NM East Zone Zone 13N
 NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
30-025-48701 C-04722 POD1	-103.696799	32.102412	
30-025-47982 C-04722 POD2	-103.718744	32.165501	

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)
 Additional well descriptions are attached: Yes No If yes, how many N/A

Other description relating well to common landmarks, streets, or other:
 Morab 29 20 FED COM 714 and Trionyx 67 Fed COM 521 H

Well is on land owned by: BLM

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? Yes No
 If yes, how many NA

Approximate depth of well (feet): 55	Outside diameter of well casing (inches): 2
Driller Name: Vision Resources, Jason Maley	Driller License Number: 1833

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Devon Energy Corp. plans to have a licensed water well driller install an exploratory soil boring on location to determine the depth of groundwater. The soil boring will be installed up to a depth of 55 feet below ground surface (ft bgs). Temporary PVC well material will be placed to a depth of the boring and secured at the surface. The temporary well will be in place for a minimum of 72 hours at which time the well will be gauged for the presence of water. If water is encountered at any point during the boring installation, the soil boring will be plugged using a slurry of Portland Type 1/11 Neat Cement less than 6.0 gallons of water per 94 lb sack. If no water is encountered, the boring will be plugged using hydrated bentonite with drill cuttings to plug the upper 10 ft. bgs.

FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: C-04722	Trn No.: 744782
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4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<p>Exploratory: Is proposed well a future public water supply well? <input type="checkbox"/> Yes <input type="checkbox"/> NO If Yes, an application must be filed with NMED-DWB, concurrently. <input type="checkbox"/> Include a description of the requested pump test if applicable.</p>	<p>Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.</p>	<p>Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation. <input type="checkbox"/> The estimated duration of the operation. <input type="checkbox"/> The maximum amount of water to be diverted. <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.</p> <p>Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project. <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.</p>	<p>Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.</p>
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ACKNOWLEDGEMENT

I, We (name of applicant(s)) Dale Woodall
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief

Dale Woodall Digitally signed by Dale Woodall
Date: 2023.01.23 13:50:08 -07'00'
Applicant Signature

Dale Woodall Digitally signed by Dale Woodall
Date: 2023.01.23 13:50:28 -07'00'
Applicant Signature

ACTION OF THE STATE ENGINEER

This application is.

- approved partially approved denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 22nd day of March 20 23, for the State Engineer,

Mike A. Hamman, P.E. State Engineer

By: K. Parekh
Signature

Kashyap Parekh
Print

Title: Water Resource Manager I
Print



FOR OSE INTERNAL USE

Application for Permit, Form WR-07 Version 07/12/22

File No.: <u>C-04722</u>	Trn No.: <u>744782</u>
--------------------------	------------------------

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04722 POD1-2

File Number: C 04722
Trn Number: 744782

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04722 POD1-2

File Number: C 04722

Trn Number: 744782

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04722 POD1 must be completed and the Well Log filed on or before 03/21/2024.

LOG The Point of Diversion C 04722 POD2 must be completed and the Well Log filed on or before 03/21/2024.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 01/25/2023 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 22 day of Mar A.D., 2023

Mike A. Hamman, P.E., State Engineer

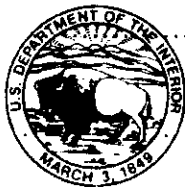
By: K. Parekh
KASHYAP PAREKH



Trn Desc: C 04722 POD1-2

File Number: C 04722

Trn Number: 744782



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMLC-062300

March 21, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Morab 29-20 Fed Com 714H
Section 29, T25S-R32E
30-025-48701
Lea County, New Mexico

To Whom It May Concern:

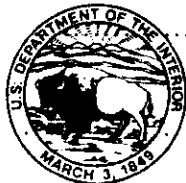
The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Devon Energy Resources will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

Crisha A. Morgan
Certified Environmental Protection Specialist



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, NM 88220-6292

In Reply Refer To:
3162.4 (NM-080)
NMLC-061863A

March 21, 2023

NM Office of the State Engineer
1900 W. Second St.
Roswell, NM 88201

Re: Trionyx 67 Fed Com 521H
Section 6, T25S-R32E
30-025-47982
Lea County, New Mexico

To Whom It May Concern:

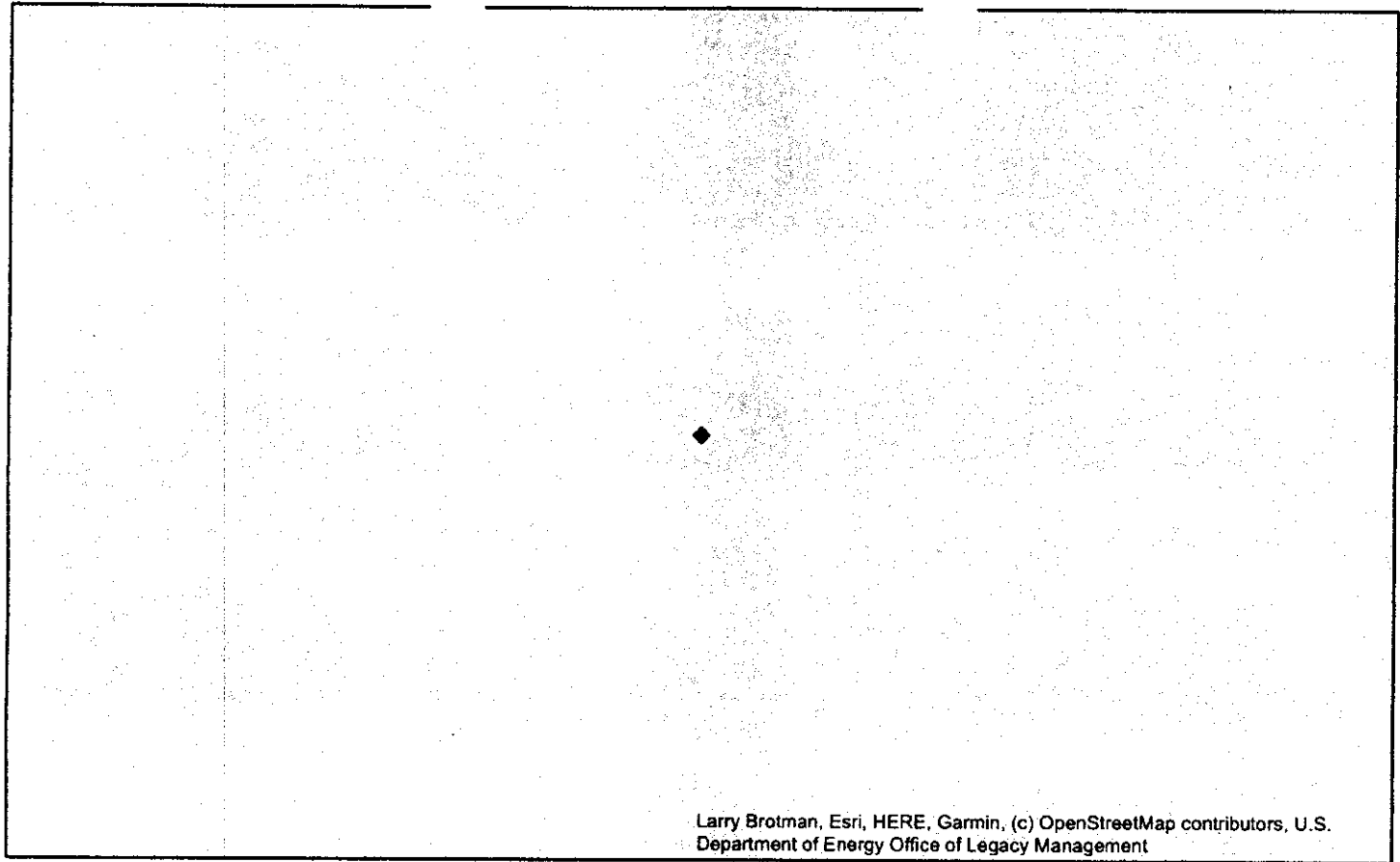
The above well location and the immediate area mentioned above requires advanced soil boring to take place at approximately 55 feet below ground surface. The boring will be secured and left open for 72 hours at which time Devon Energy Resources will assess for the presence or absence of groundwater. Temporary PVC well material will be placed to total depth of the boring and secured at the surface. If water is encountered at any point during the boring, installation of the soil boring will be plugged using Portland Type I/II neat cement less than 6.0 gallons of water per 94lb sack. If no water is encountered, then the soil boring will be plugged. The Bureau of Land Management (landowner) authorizes the access of the area to accomplish depth to groundwater determination of this site.

If you have any questions contact Crisha Morgan, at 575-234-5987.

Sincerely,

Crisha Morgan

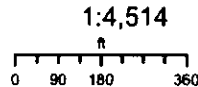
Crisha A. Morgan
Certified Environmental Protection Specialist



Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors, U.S. Department of Energy Office of Legacy Management

Coordinates
UTM - NAD 83 (m) - Zone 13
 Easting 622962.801
 Northing 3552530.037
State Plane - NAD 83 (f) - Zone E
 Easting 738440.531
 Northing 401573.989
Degrees Minutes Seconds
 Latitude 32 : 6 : 8.683200
 Longitude -103 : 41 : 48.476400
 Location pulled from Coordinate Search

NEW MEXICO OFFICE
 OF THE
 STATE ENGINEER



3/17/2023



Copyright 2023 by the State of New Mexico, Office of the State Engineer. All rights reserved. This map is a reproduction of the original map and is not to be used for any other purpose without the express written permission of the State of New Mexico, Office of the State Engineer. This map is not a warranty, representation, or endorsement of any product or service. The State of New Mexico, Office of the State Engineer, is not responsible for any errors or omissions in this map.

Spatial Information
 County: **Lea**
 Groundwater Basin: **Carlsbad**
 Abstract Area: **Carlsbad 72-12-1**
 Land Grant: **None**
 Groundwater Basin
Restrictions:

PLSS Description
NWSWSWNE Qtr of Sec 29 of 025S 032E

 Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

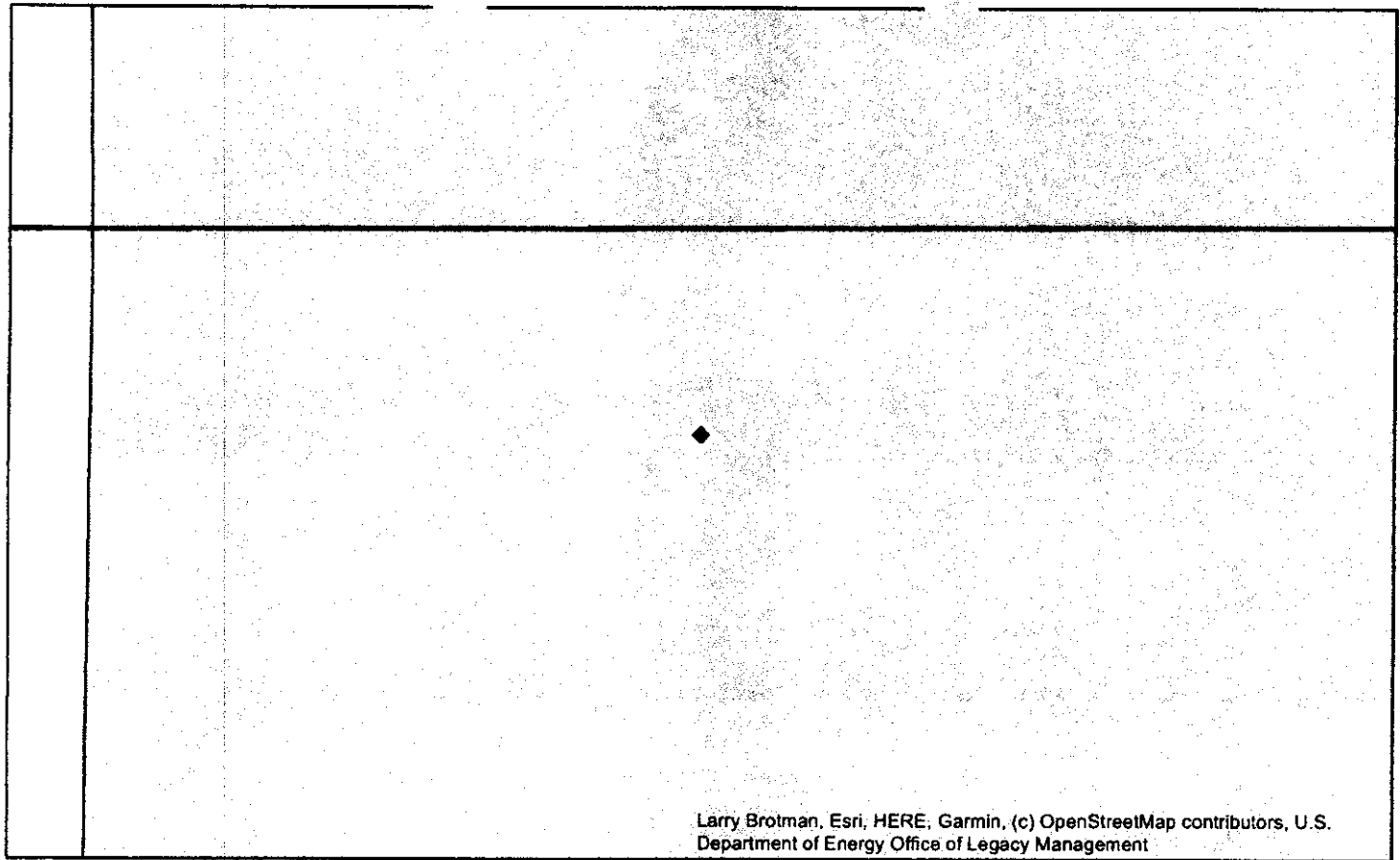
Parcel Information
 UPC/DocNum:
 Parcel Owner:
 Address: null null null

 Legal:

POD Information
 Owner:
 File Number:
 POD Status: **NoData**
 Permit Status: **NoData**
 Permit Use: **NoData**
 Purpose:

- Coord Search Location
- Chaves County Parcels 2022
- Eddy County Parcels 2022
- Lincoln County Parcels 2022
- Quay County Parcels 2022
- San Miguel County Parcels 2022
- Torrance County Parcels 2022
- Water Rights Regulations
- Cibola County Parcels 2022
- Harding County Parcels 2022
- Los Alamos County Parcels 2022
- Rio Arriba County Parcels 2022
- Santa Fe County Parcels 2022
- Union County Parcels 2022
- Closure Area
- Colfax County Parcels 2022
- Hidalgo County Parcels 2022
- Luna County Parcels 2022
- Roosevelt County Parcels 2022
- Sierra County Parcels 2022
- Valencia County Parcels 2022
- OSE District Boundary
- Curry County Parcels 2022
- Grant County Parcels 2022
- McKinley County Parcels 2022
- Sandoval County Parcels 2022
- Socorro County Parcels 2022
- Bernalillo County Parcels 2022
- De Baca County Parcels 2022
- Guadalupe County Parcels 2022
- Mora County Parcels 2022
- San Juan County Parcels 2022
- Taos County Parcels 2022
- Catron County Parcels 2022
- Doña Ana County Parcels 2022
- Lea County Parcels 2022
- Otero County Parcels 2022
- SiteBoundaries

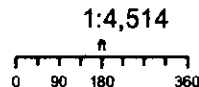
POD1



Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors, U.S. Department of Energy Office of Legacy Management

Coordinates
UTM - NAD 83 (m) - Zone 13
 Easting 620808.853
 Northing 3559499.065
State Plane - NAD 83 (f) - Zone E
 Easting 731514.287
 Northing 424485.383
Degrees Minutes Seconds
 Latitude 32 : 9 : 55.803600
 Longitude -103 : 43 : 7.478400
 Location pulled from Coordinate Search

NEW MEXICO OFFICE
 OF THE
 STATE ENGINEER



3/17/2023



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Spatial Information
 County: **Lea**
 Groundwater Basin: **Carlsbad**
 Abstract Area: **Carlsbad 72-12-1**
 Land Grant: **No Groundwater Basin**
Restrictions:
PLSS Description
SE NE NW Qtr of Sec 6 of 25S 32E
 Derived from Projected PLSS- Qtr Sec. locations are calculated and are only approximations

Parcel Information
 UPC/DocNum:
 Parcel Owner:
 Address:null null null
 Legal:

POD Information
 Owner:
 File Number:
 POD Status: **NoData**
 Permit Status: **NoData**
 Permit Use: **NoData**
 Purpose:

- Coord Search Location
- Chaves County Parcels 2022
- Eddy County Parcels 2022
- Lincoln County Parcels 2022
- Quay County Parcels 2022
- San Miguel County Parcels 2022
- Torrance County Parcels 2022
- Water Rights Regulations
- Cibola County Parcels 2022
- Harding County Parcels 2022
- Los Alamos County Parcels 2022
- Rio Arriba County Parcels 2022
- Santa Fe County Parcels 2022
- Union County Parcels 2022
- Closure Area
- Colfax County Parcels 2022
- Hidalgo County Parcels 2022
- Luna County Parcels 2022
- Roosevelt County Parcels 2022
- Sierra County Parcels 2022
- Valencia County Parcels 2022
- OSE District Boundary
- Curry County Parcels 2022
- Grant County Parcels 2022
- McKinley County Parcels 2022
- Sandoval County Parcels 2022
- Socorro County Parcels 2022
- SiteBoundaries
- Bernalillo County Parcels 2022
- De Baca County Parcels 2022
- Guadalupe County Parcels 2022
- Mora County Parcels 2022
- San Juan County Parcels 2022
- Taos County Parcels 2022
- Catron County Parcels 2022
- Doña Ana County Parcels 2022
- Lea County Parcels 2022
- Otero County Parcels 2022

PODZ

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 744782
File Nbr: C 04722

Mar. 22, 2023

KENT STALLINGS
VERTEX RESOURCES
3101 BOYD DR
CARLSBAD, NM 88220

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in black ink that reads "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

Enclosure

explore



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-4722-POD1 and POD2

Name of well owner: Devon Energy Resources

Mailing address: 64888 Seven Rivers HWY County: EDDY

City: Artesia State: NM Zip code: 88210

Phone number: 405-318-4697 E-mail: Dale.Woodall@DVN.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: Vision Resources , Jason Mayley

New Mexico Well Driller License No.: 1833 Expiration Date: 10/07/2023

IV. WELL INFORMATION: Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: See sec VII deg, _____ min, _____ sec
Longitude: _____ deg, _____ min, _____ sec, NAD 83

2) Reason(s) for plugging well(s):

No water found. OSE DTI MAR 17 2023 PM 1:35

3) Was well used for any type of monitoring program? no If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? NO If yes, provide additional detail, including analytical results and/or laboratory report(s): _____

5) Static water level: no water feet below land surface / feet above land surface (circle one)

6) Depth of the well: 55 feet

- 7) Inside diameter of innermost casing: 2 inches.
- 8) Casing material: PVC
- 9) The well was constructed with:
 - an open-hole production interval, state the open interval: _____
 - a well screen or perforated pipe, state the screened interval(s): 50-55 Feet
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? None
- 11) Was the well built with surface casing? no If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:
- 12) Has all pumping equipment and associated piping been removed from the well? Yes If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Temporary PVC casing will be removed and approximately 4.7 Cubic feet bentonite chips will be placed in well to surface grade.

- 2) Will well head be cut-off below land surface after plugging? no well head will be installed.

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: _____
- 4) Type of Cement proposed: _____
- 5) Proposed cement grout mix: _____ gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: _____ batch-mixed and delivered to the site
 _____ mixed on site

2025 DEC 12 11:03 AM

7) Grout additives requested, and percent by dry weight relative to cement:

[Empty box for grout additives information]

8) Additional notes and calculations:

[Empty box for additional notes and calculations]

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

Morab 29 20 FED COM 714 at; 32.102412, -103.696799,
and,
Trionyx 67 FED COM 521H at; 32.165501, -103.718744.

VIII. SIGNATURE:

I, Dale Woodall, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

Dale Woodall

3/20/2023

Signature of Applicant

Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

- Approved subject to the attached conditions.
- Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 7th day of April, 2023

Mike A. Hamman P.E. ... New Mexico State Engineer

By: K. Parekh
KASHYAP PAREKH
W.R.M. I

WD-08 Well Plugging Plan
Version: March 07, 2022
Page 3 of 5



TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			
Bottom of proposed interval of grout placement (ft bgl)			
Theoretical volume of grout required per interval (gallons)			
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			
Mixed on-site or batch-mixed and delivered?			
Grout additive 1 requested			
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

012 07 MAR 07 2022 PM 1 30

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)	55 feet		Zero feet below grade.
Bottom of proposed sealant or grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

2022 MAR 07 17:20:23 PM L100



**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL**

1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623- 8559

Applicant has identified a well, listed below, to be plugged. Vision Resources (WD-1833) will perform the plugging.

Permittee: Devon Energy Resources
NMOSE Permit Number: C-4722-POD1 and C-4722-POD2

NMOSE File	Casing diameter (inches)	Well depth (feet bgl)	Approximate static water level (feet bgl)	Latitude	Longitude
C-4722-POD1	2.0	55.0	Dry	32.102412°	103.696799°
C-4722-POD2	2.0	55.0	Dry	32.165501°	103.718744°

Specific Plugging Conditions of Approval for Well located in Lea County.

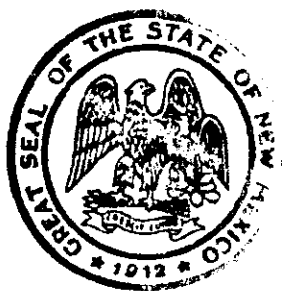
1. Water well drilling and well drilling activities, including well plugging, are regulated under 19.27.4 NMAC, which requires any person engaged in the business of well drilling within New Mexico to obtain a Well Driller License issued by the New Mexico Office of the State Engineer (NMOSE). Therefore, the firm of a New Mexico licensed Well Driller shall perform the well plugging.
2. Theoretical volume of sealant required for abandonment of the 2.0 inch diameter (I.D.) casing is approximately 9.0 gallons. Total minimum volume of necessary sealant shall be calculated upon sounding the actual pluggable depth of well, which is estimated at 55 feet below ground surface (b.g.s.).
3. Bentonite chips/pellets is the approved sealant. When bentonite chips/pellets are added above static water level, a minimum of 5-gallons of fresh water shall be added to the borehole per 50-lb of bentonite chips.
4. Placement of the sealant within the wells shall be by tremie pipe extending to near well bottom and kept below top of the slurry column as the well is plugged from bottom-upwards in a manner that displaces the standing water column. The tremie shall be incrementally removed to retain the tremie bottom a limited distance above the top of the rising column of chips throughout the plugging process.

5. Any open annulus encountered surrounding the casing shall also be sealed by the placement of the approved sealant. When plugging shallow wells with no construction or environmental concerns, and if the well record on a well to be plugged shows a proper 20-foot annular seal, a plugging plan can propose the use of clean fill material to a nominal 30 feet bgs. then placing an OSE approved sealant to surface. Lacking that information, we would require an excavation of at least 2-feet which shall then be filled in its entirety with sealant to surface.
6. Should the NMED, or another regulatory agency sharing jurisdiction of the project authorize, or by regulation require a more stringent well plugging procedure than herein acknowledged, the more-stringent procedure should be followed. This, in part, includes provisions regarding pre-authorization to proceed, contaminant remediation, inspection, pulling/perforating of casing, or prohibition of free discharge of any fluid from the borehole during or related to the plugging process.
7. NMOSE witnessing of the plugging of the non-artesian well will not be required.
8. Any deviation from this plan must obtain an approved variance from this office prior to implementation.
9. A Well Plugging Record itemizing actual abandonment process and materials used shall be filed with the State Engineer within 30 days after completion of well plugging. For the plugging record, please resurvey coordinate location for well and note coordinate system for GPS unit. Please attach a copy of these plugging conditions.

The NMOSE Well Plugging Plan of Operations is hereby approved with the aforesaid conditions applied.

Witness my hand and seal this 7th day of April 2023

Mike A. Hamman, P.E. State Engineer



By: KP arekh

Kashyap Parekh
Water Resources Manager I



STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
ROSWELL

Mike A. Hamman, P.E.
State Engineer

DISTRICT II
1900 West Second St.
Roswell, New Mexico 88201
Phone: (575) 622-6521
Fax: (575) 623-8559

April 7, 2023

Devon Energy Resources
64888 Seven Rivers Highway
Artesia, NM 88210

RE: Well Plugging Plan of Operations for C-4722-POD1 and C-4722-POD2

Greetings:

Enclosed is your copy of the Well Plugging Plan of Operations for the above referenced well subject to the attached Conditions of Approval. The proposed method of operation is found to be acceptable and in accordance with the Rules and Regulations Governing Well Driller Licensing; Construction, Repair and Plugging of Wells 19.27.4 NMAC adopted June 30, 2017 by the State Engineer. subject to the attached Conditions of Approval.

Within 30 days after the well is plugged, the well driller is required to file a complete plugging record with the OSE and the permit holder.

Sincerely,

A handwritten signature in black ink that reads "K. Parekh".

Kashyap Parekh
Water Resources Manager I



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-04722-POD 2		WELL TAG ID NO. 30-025-47982		OSE FILE NO(S). C-4722		
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 64888 Seven Rivers Highway				CITY Artesia	STATE NM	ZIP 88210
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 09'	SECONDS 55.8"	N	
	LONGITUDE	103	43'	07.5"	W		
* ACCURACY REQUIRED: ONE TENTH OF A SECOND							
* DATUM REQUIRED: WGS 84							
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 6-1-23	DRILLING ENDED 6-1-23	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
FROM	TO						
0	45	6	2" PVC SCH 40	Thread	2"	SCH 40	-
45	55	6	2" PVC SCH 40	Thread	2"	SCH 40	.02

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE - RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-4722	POD NO.	2	TRN NO.	744 782		
LOCATION	255. 3 25 29	332	WELL TAG ID NO.	NA	PAGE 1 OF 2		



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4722-POD 2		WELL TAG ID NO. 30-025-47982		OSE FILE NO(S) C-4722	
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 64888 Seven Rivers Highway				CITY Artesia	STATE NM
					ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 09'	55.8"	N
	LONGITUDE	103	43'	07.5"	W	
* ACCURACY REQUIRED: ONE TENTH OF A SECOND						
* DATUM REQUIRED: WGS 84						
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE						

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources			
	DRILLING STARTED 6-1-23	DRILLING ENDED 6-1-23	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6	2" PVC SCH 40	Thread	2"	SCH 40	-
	45	55	6	2" PVC SCH 40	Thread	2"	SCH 40	.02

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE - RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

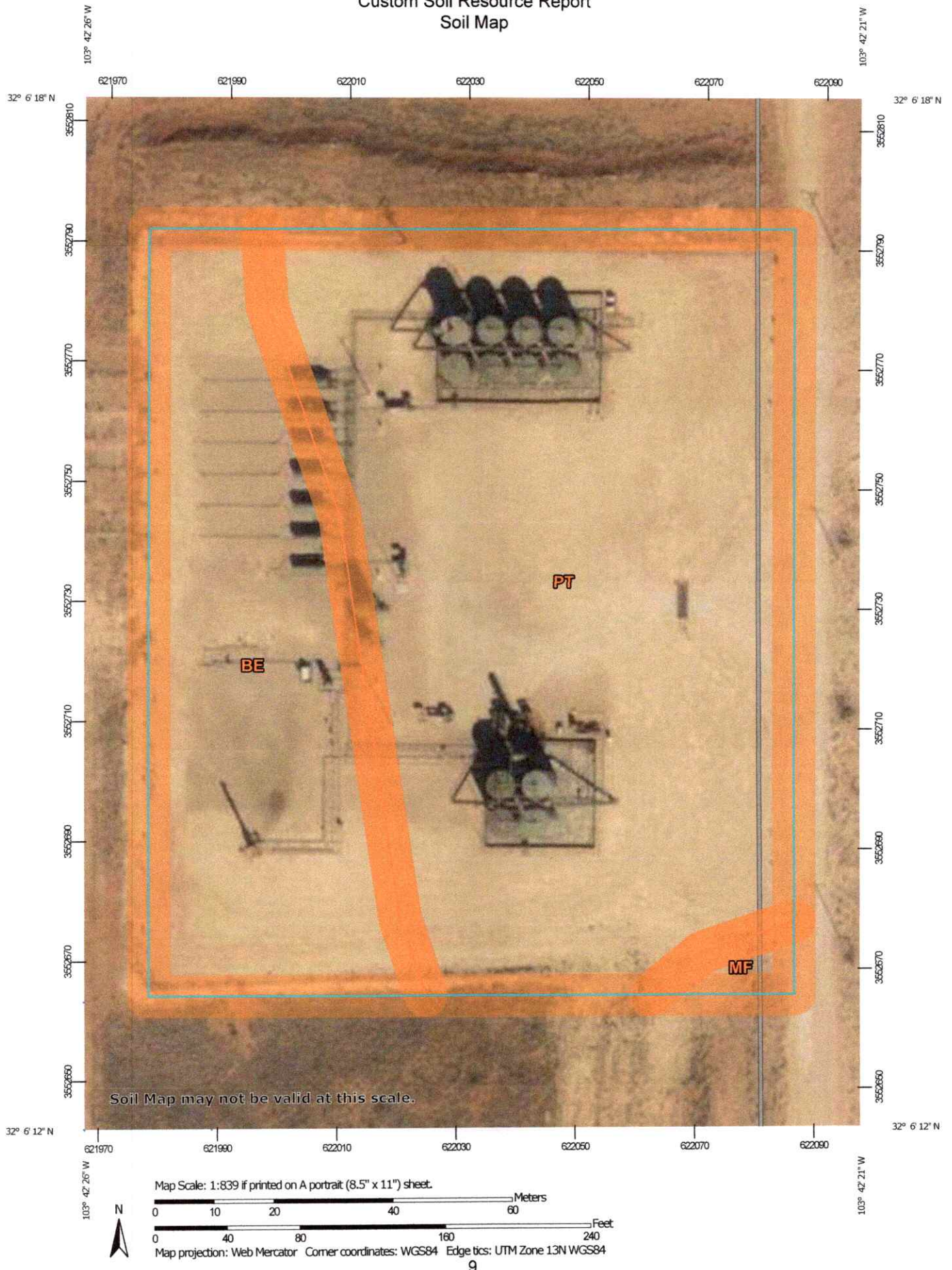
FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-4722	POD NO.	2	TRN NO.	744782		
LOCATION	255. 326 29	332	WELL TAG ID NO.	NA	PAGE 1 OF 2		

Devon Energy Production Company, LP
Cotton Draw 29-30 CTB
Closure Report



Figure 2. Soil Survey Map

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND		MAP INFORMATION	
<p>Area of Interest (AOI)</p> <ul style="list-style-type: none"> Area of Interest (AOI) <p>Soils</p> <ul style="list-style-type: none"> Soil Map Unit Polygons Soil Map Unit Lines Soil Map Unit Points <p>Special Point Features</p> <ul style="list-style-type: none"> 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 		<ul style="list-style-type: none"> Spoil Area Stony Spot Very Stony Spot Wet Spot Other Special Line Features <p>Water Features</p> <ul style="list-style-type: none"> Streams and Canals <p>Transportation</p> <ul style="list-style-type: none"> Rails Interstate Highways US Routes Major Roads Local Roads <p>Background</p> <ul style="list-style-type: none"> Aerial Photography 	
		<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p> <div style="border: 1px solid black; padding: 5px;"> <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 21, Sep 3, 2024</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

Lea County, New Mexico**BE—Berino-Cacique loamy fine sands association****Map Unit Setting**

National map unit symbol: dmpd
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 13 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino**Setting**

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand
Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Custom Soil Resource Report

Description of Cacique**Setting**

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Calcareous eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 12 inches: loamy fine sand

Bt - 12 to 28 inches: sandy clay loam

Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 20 to 40 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: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components**Maljamar**

Percent of map unit: 6 percent

Ecological site: R077CY028TX - Limy Upland 16-21" PZ

Hydric soil rating: No

Palomas

Percent of map unit: 4 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Custom Soil Resource Report

MF—Maljamar and Palomas fine sands, 0 to 3 percent slopes**Map Unit Setting**

National map unit symbol: dmqb
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Maljamar and similar soils: 46 percent
Palomas and similar soils: 44 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Maljamar**Setting**

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
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: 5 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 7e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B

Custom Soil Resource Report

Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Palomas

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from sandstone

Typical profile

A - 0 to 16 inches: fine sand
Bt - 16 to 60 inches: sandy clay loam
Bk - 60 to 66 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 45 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Moderate (about 7.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 5 percent
Ecological site: R070BC022NM - Sandhills
Hydric soil rating: No

Wink

Percent of map unit: 5 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Custom Soil Resource Report

PT—Pyote loamy fine sand**Map Unit Setting**

National map unit symbol: dmqp
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 60 to 62 degrees F
Frost-free period: 190 to 200 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Pyote and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote**Setting**

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 25 inches: loamy fine sand
Bt - 25 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.3 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand

Custom Soil Resource Report

Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 8 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Palomas

Percent of map unit: 7 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Devon Energy Production Company, LP
Cotton Draw 29-30 CTB
Closure Report



Table 1. Laboratory Analytical Report Summarized

**Table 1
Soil Sample Analytical Results
Cotton Draw 29-30 CTB
Devon Energy Production Company, LP
Lea County, New Mexico**

Sample Designation	Date	Depth (feet BGS)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000	
Delineation Soil Samples											
SP-1-6"	7/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8960	Cardinal Labs
SP-2-6"	7/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8640	Cardinal Labs
SP-3-6"	7/28/2025	0.5	<0.050	<0.300	<10.0	32.5	<10.0	32.5	<10.0	27200	Cardinal Labs
SP-4-6"	7/28/2025	0.5	<0.050	<0.300	<10.0	22	<10.0	22	<10.0	17200	Cardinal Labs
SP-5-6"	7/28/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7440	Cardinal Labs
SP-6-1'	7/28/2025	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7600	Cardinal Labs
HP-1-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3760	Cardinal Labs
HP-2-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	Cardinal Labs
HP-3-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272	Cardinal Labs
HP-4-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	Cardinal Labs
HP-5-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96	Cardinal Labs
HP-6-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	Cardinal Labs
HP-7-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	Cardinal Labs
HP-8-S	7/28/2025	0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	Cardinal Labs
BH-1-S	10/2/2025	0	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	24300	EnviroTech Lab
BH-1-1'	10/2/2025	1	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	7400	EnviroTech Lab
BH-1-2'	10/2/2025	2	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	11000	EnviroTech Lab
BH-1-3.5'	10/2/2025	3.5	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	8160	EnviroTech Lab
BH-1-4'	10/2/2025	4	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	8200	EnviroTech Lab
BH-1-5'	10/2/2025	5	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	4160	EnviroTech Lab
BH-1-6'	10/2/2025	6	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	370	EnviroTech Lab
BH-2-S	10/2/2025	0	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	23600	EnviroTech Lab
BH-2-1'	10/2/2025	1	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	8050	EnviroTech Lab
BH-2-2'	10/2/2025	2	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	8490	EnviroTech Lab
BH-2-3'	10/2/2025	3	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	17200	EnviroTech Lab
BH-2-4'-R	10/2/2025	4	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	8440	EnviroTech Lab
BH-3-S	10/2/2025	0	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	18600	EnviroTech Lab
BH-3-2'	10/2/2025	2	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	4210	EnviroTech Lab
BH-3-2.5'	10/2/2025	2.5	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	3360	EnviroTech Lab
BH-3-3.5'	10/2/2025	3.5	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	1870	EnviroTech Lab
BH-3-4'	10/2/2025	4	<0.0250	<0.250	<20.0	<25.0	<50.0	<25.0	<50.0	576	EnviroTech Lab

Notes:

bgs: below ground surface
 mg/kg: milligrams per kilogram
 NMOCD: New Mexico Oil Conservation Division
 NMAC: New Mexico Administrative Code
 GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 ORO: Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Grey text represents samples that have been excavated
 "<": Laboratory Analytical result is less than reporting limit
 NE: Not Established
 Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
 * Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg
 R= Refusal

**Table 1
Soil Sample Analytical Results
Cotton Draw 29-30 CTB
Devon Energy Production Company, LP
Lea County, New Mexico**

Sample Designation	Date	Depth (feet BGS)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO + DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Confirmation Soil Samples										
SP-1-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	3550
SP-2-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	37700
SP-2-2'	11/14/2025	2	<0.0250	<0.0250	<20	<25	<50	<25	<50	3610
SP-3-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	10000
SP-4-2'	11/6/2025	2	<0.0250	<0.0250	<20	<25	<50	<25	<50	10300
SP-4-3'	11/14/2025	3	<0.0250	<0.0250	<20	<25	<50	<25	<50	4460
SP-5-2'	11/6/2025	2	<0.0250	<0.0250	<20	<25	<50	<25	<50	8630
SP-6-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	14300
SP-6-2'	11/14/2025	2	<0.0250	<0.0250	<20	<25	<50	<25	<50	4450
SP-7-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	2520
SP-8-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	3290
SP-9-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	375
SP-10-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	3370
SP-11-1'	11/6/2025	1	<0.0250	<0.0250	<20	<25	<50	<25	<50	485
BFS-1	11/6/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	169
SS-1-S	11/6/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	42300
SS-2-S	11/6/2025	0	<0.0250	<0.0250	<20	987	1070	987	2057	932
SS-3-S	11/6/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	4700
SS-4-S	11/6/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	9860
SS-5-S	11/6/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	15000
SS-6-S	11/6/2025	0	<0.0250	<0.0250	<20	223	245	223	468	4640
HP-1-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	162
HP-2-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	165
HP-3-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	164
HP-4-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	168
HP-5-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	159
HP-6-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	165
HP-7-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	165
HP-8-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	166
HP-9-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	168
HP-10-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	189
HP-11-S	11/7/2025	0	<0.0250	<0.0250	<20	<25	<50	<25	<50	171

Notes:

bgs: below ground surface
 mg/kg: milligrams per kilogram
 NMOCD: New Mexico Oil Conservation Division
 NMAC: New Mexico Administrative Code
 GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 ORO: Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

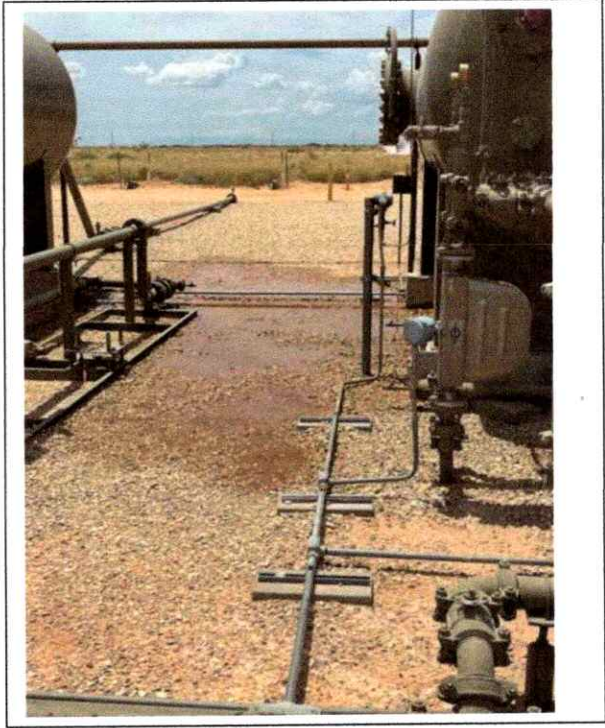
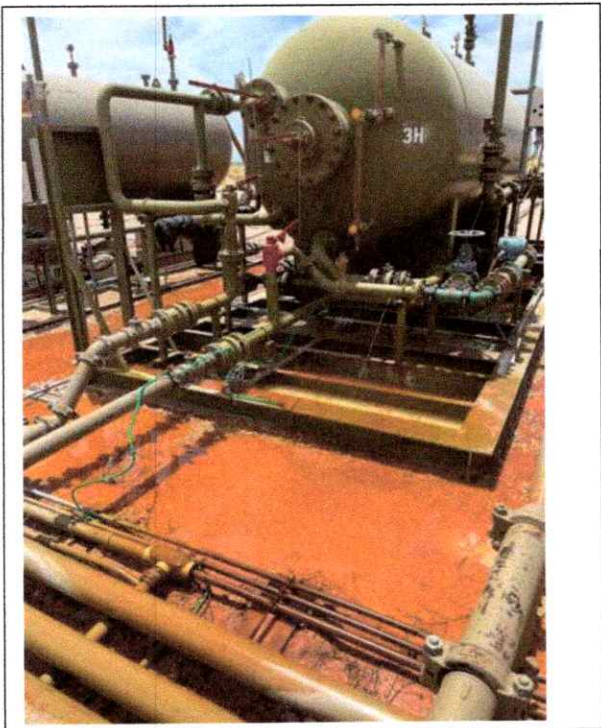
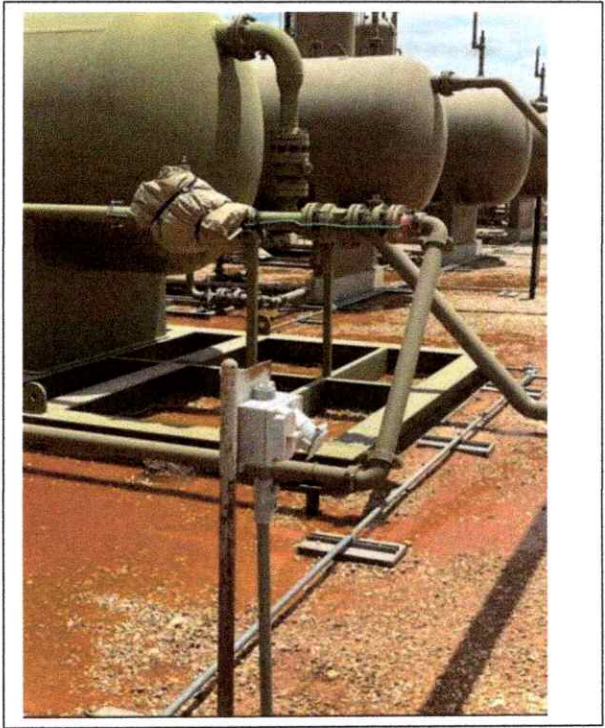
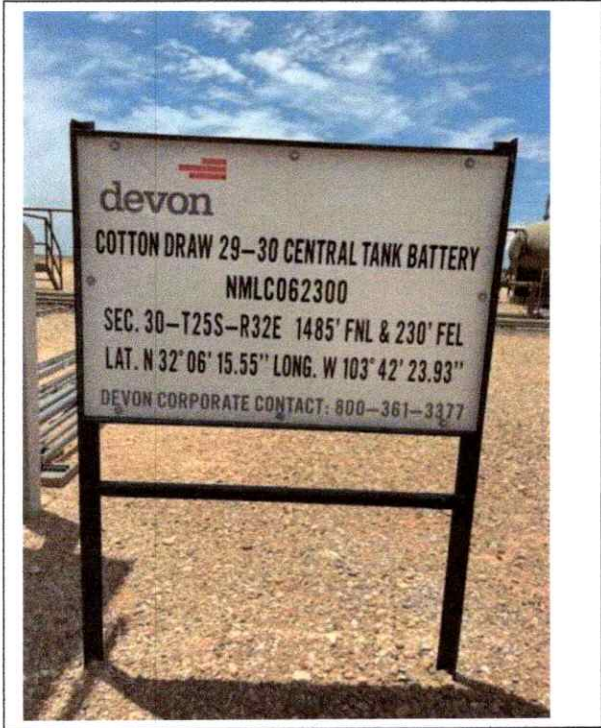
Grey text represents samples that have been excavated
 "<": Laboratory Analytical result is less than reporting limit
 NE: Not Established
 Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.
 * Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg

Devon Energy Production Company, LP
Cotton Draw 29-30 CTB
Closure Report

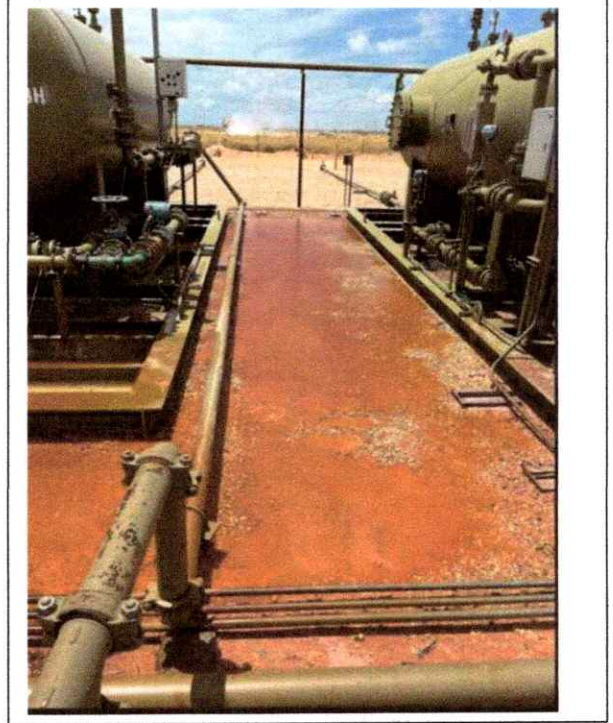


Appendix B. Photographic Log

Cotton Draw 29-30 Central Tank Battery

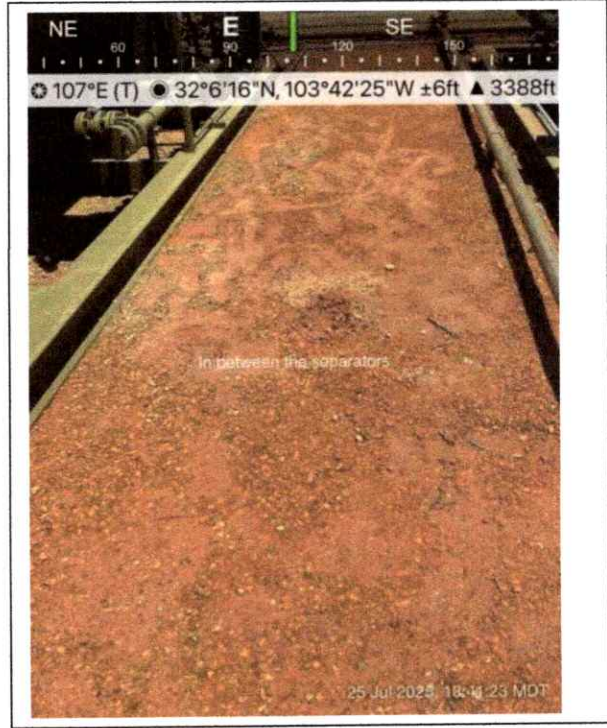
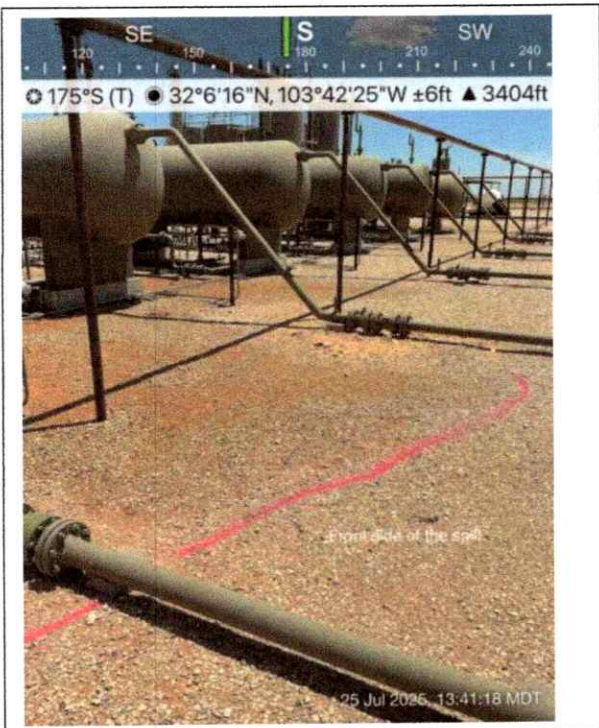
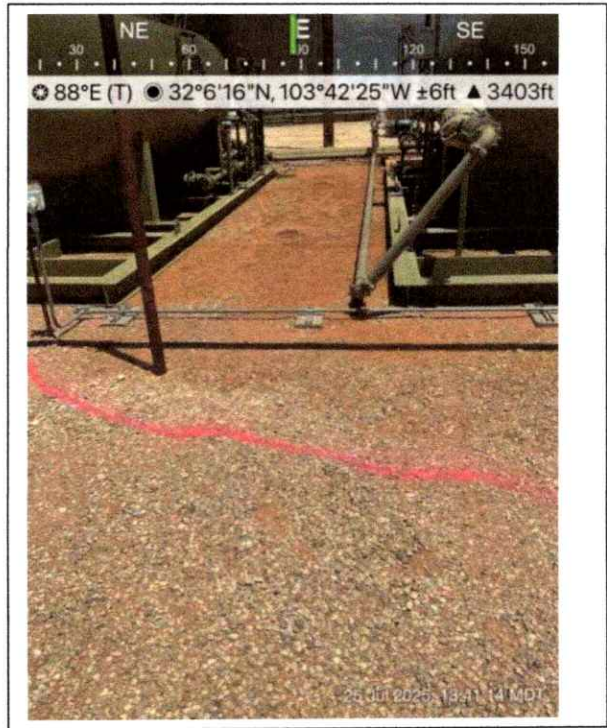
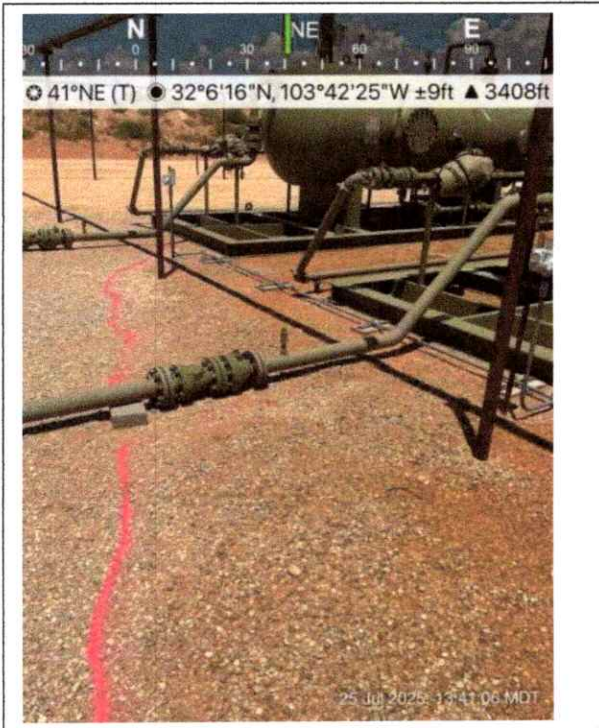


Cotton Draw 29-30 Central Tank Battery



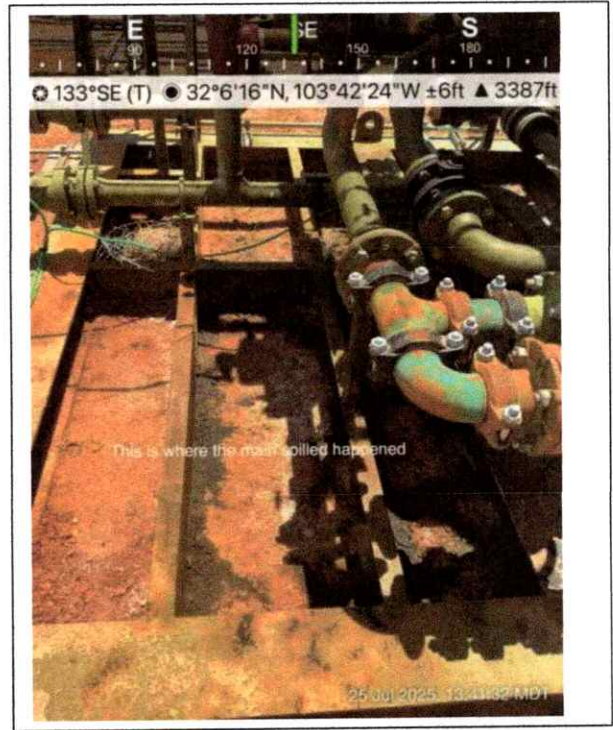
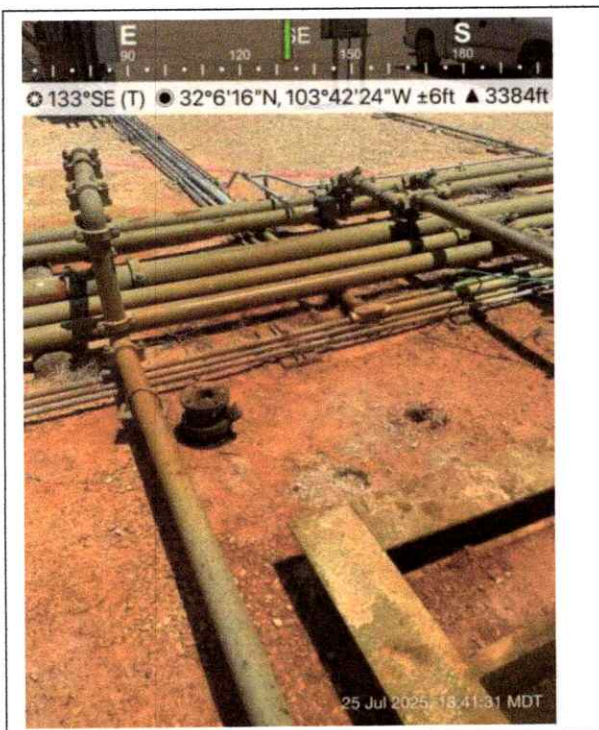
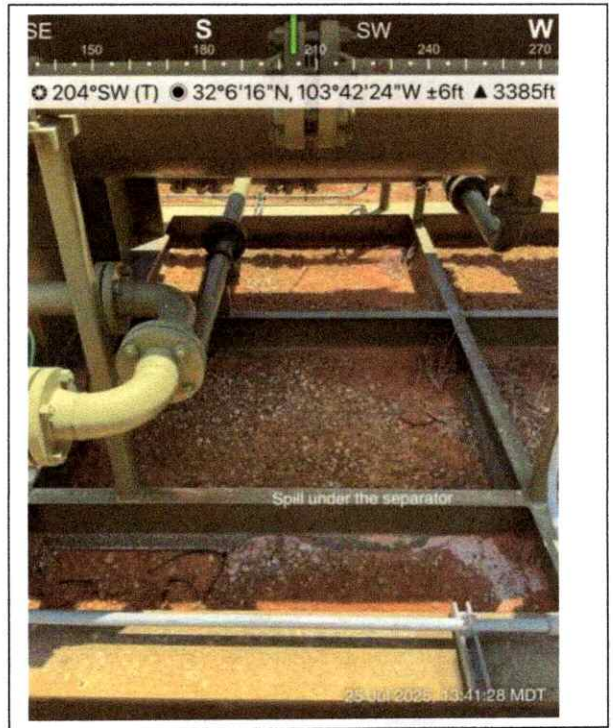
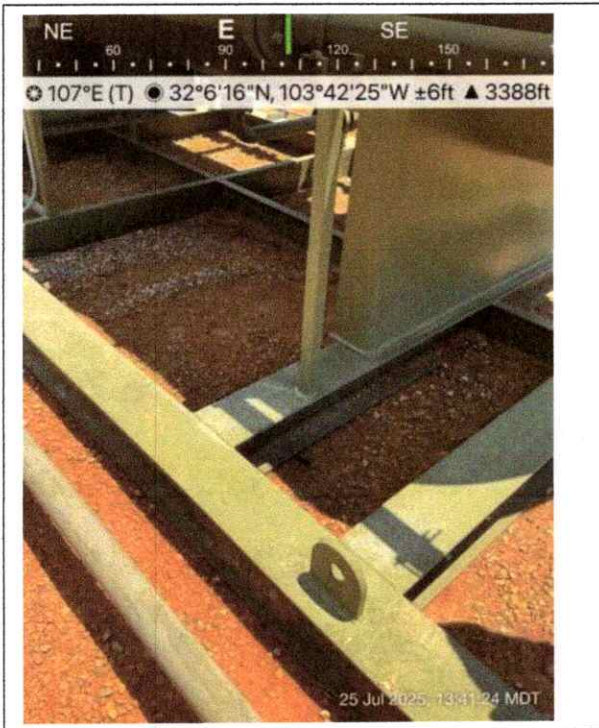
Cotton Draw 29-30 Central Tank Battery

July 25, 2025



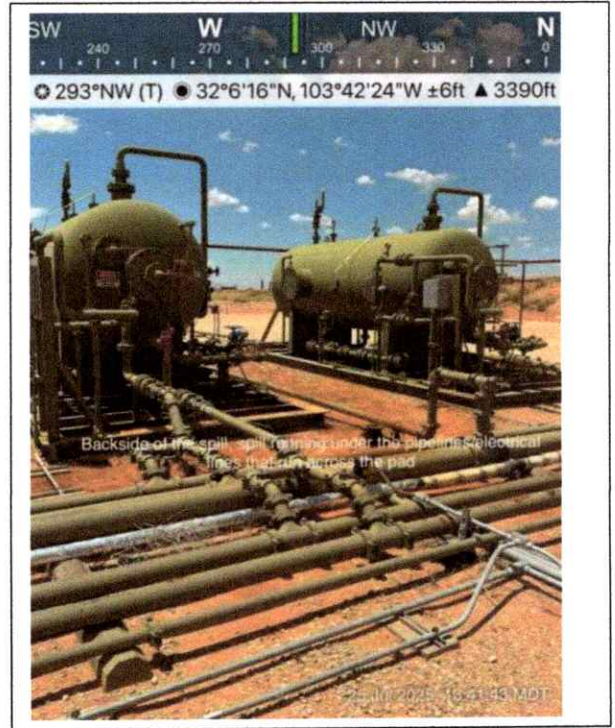
Cotton Draw 29-30 Central Tank Battery

July 25, 2025



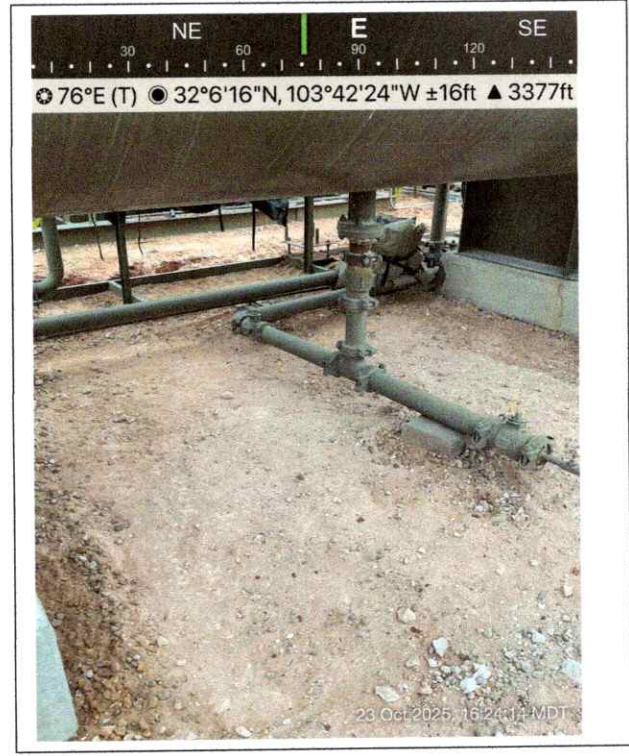
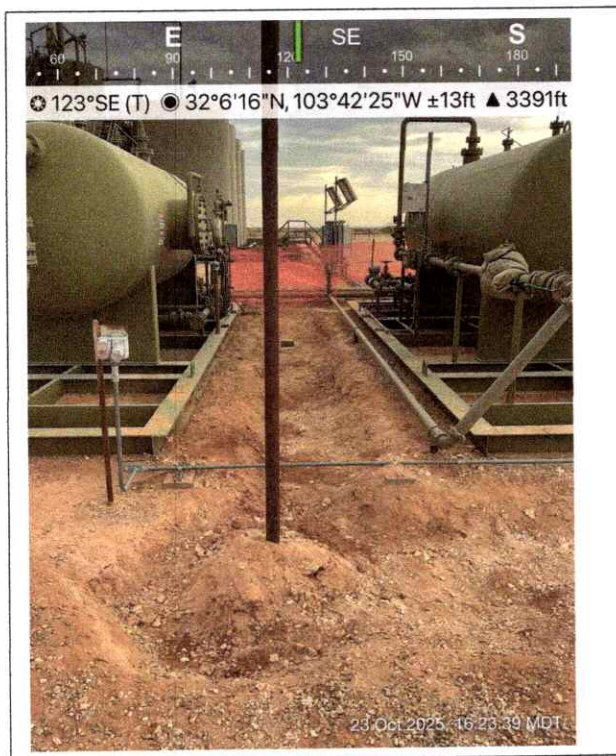
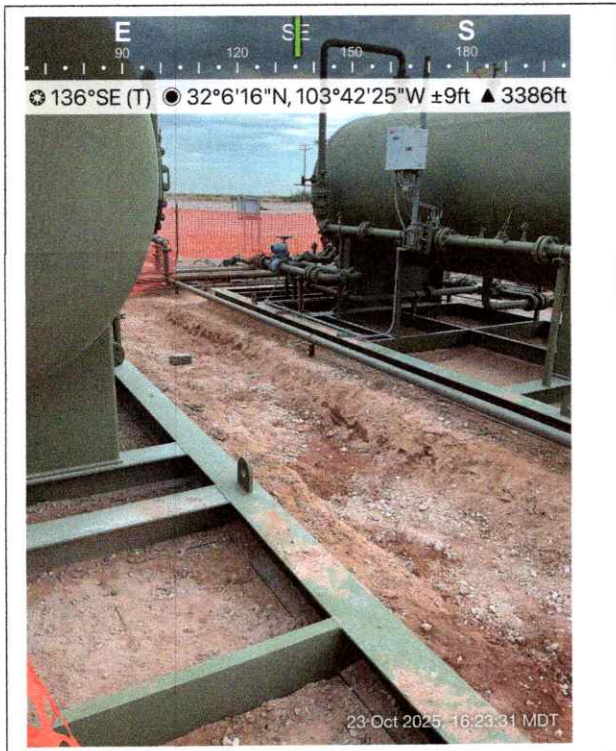
Cotton Draw 29-30 Central Tank Battery

July 25, 2025



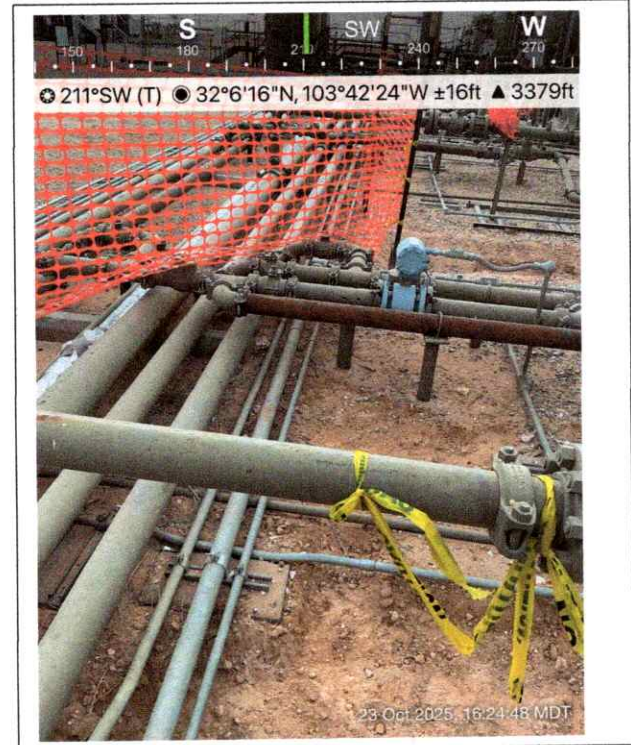
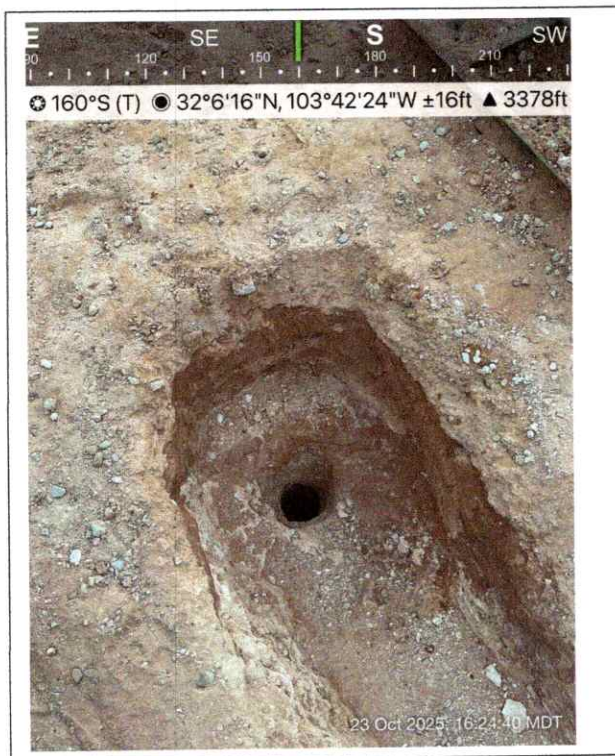
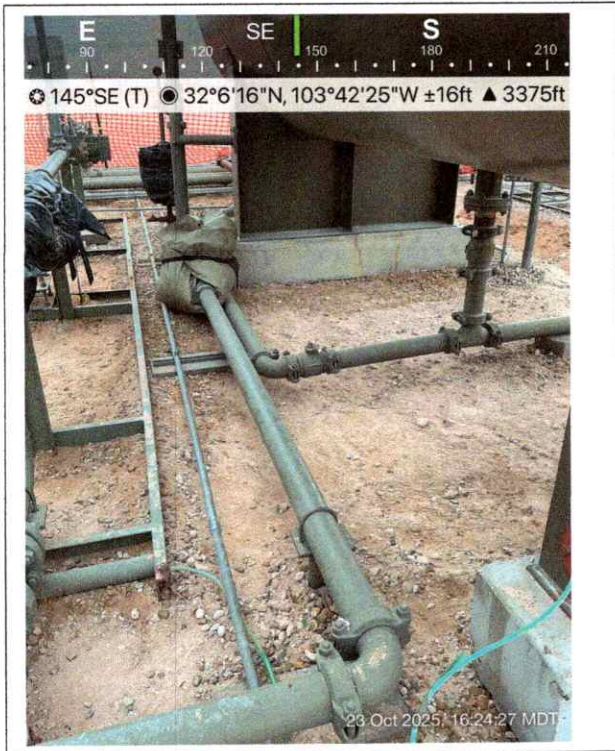
Cotton Draw 29-30 Central Tank Battery

October 23, 2025



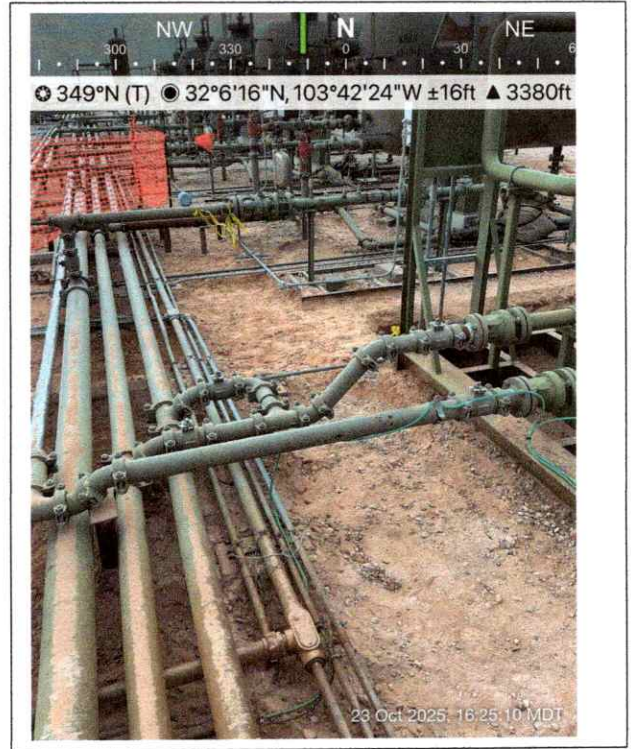
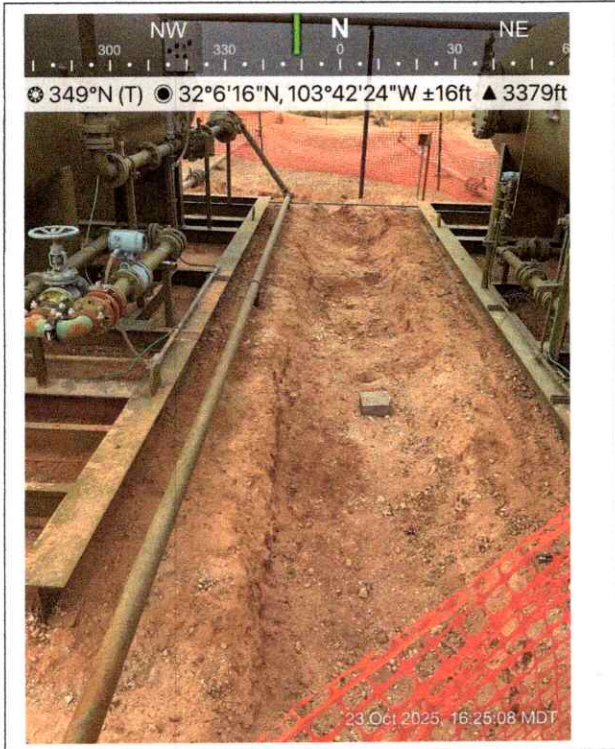
Cotton Draw 29-30 Central Tank Battery

October 23, 2025



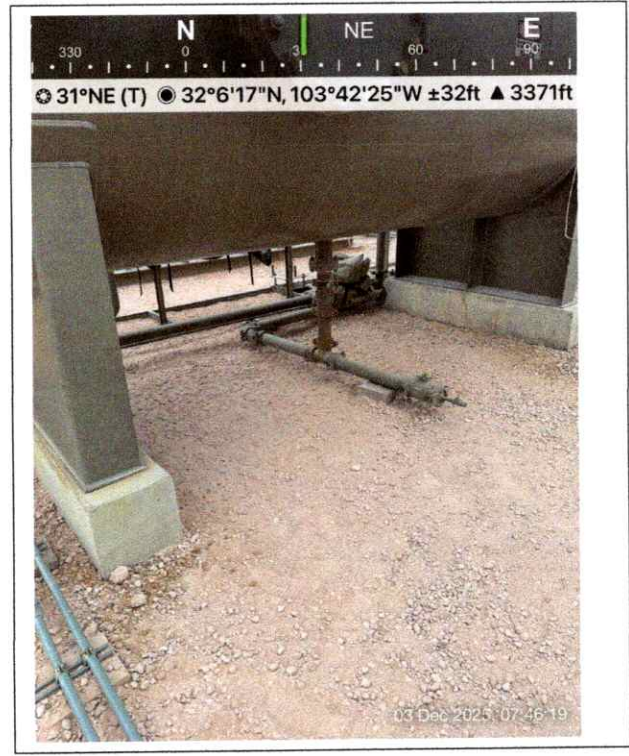
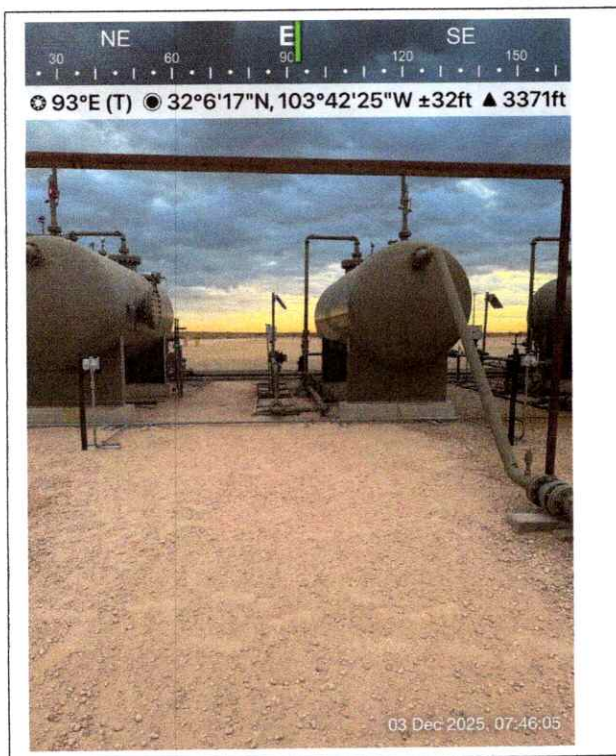
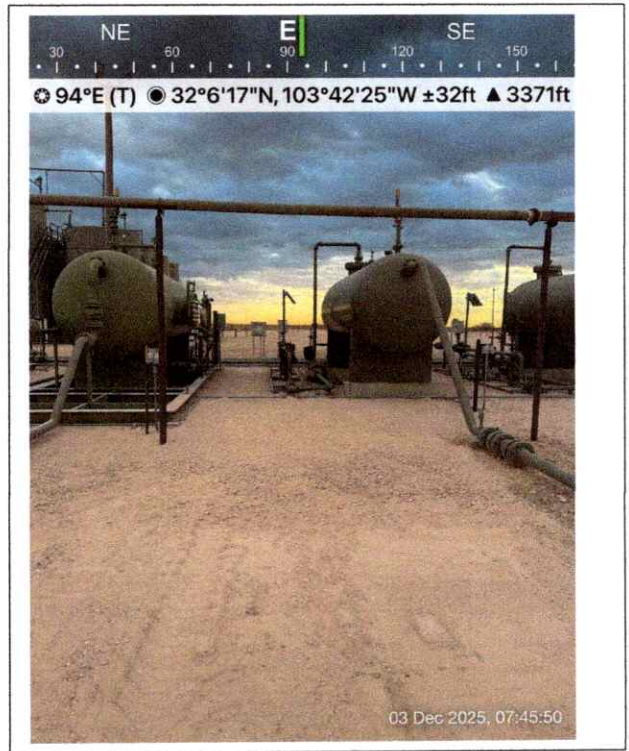
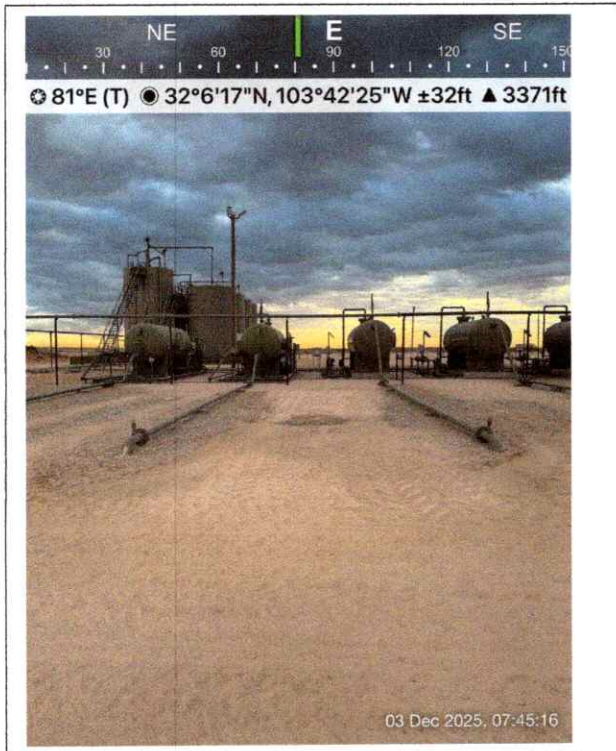
Cotton Draw 29-30 Central Tank Battery

October 23, 2025



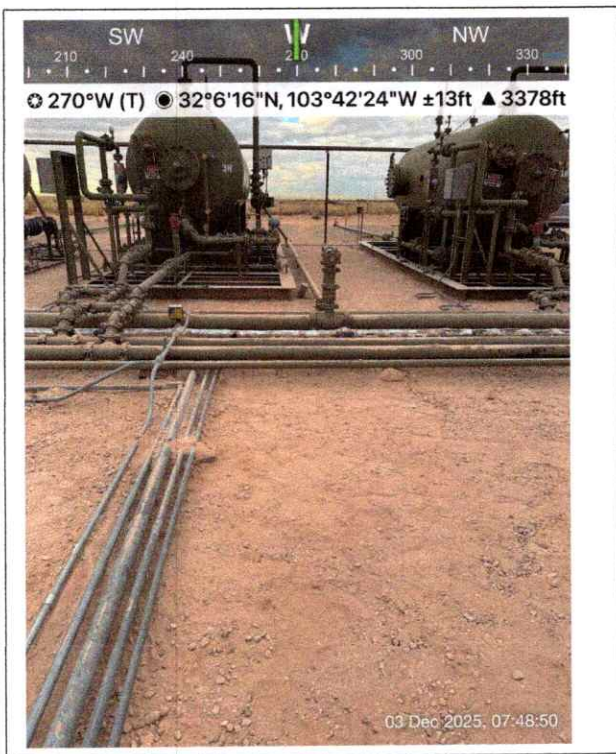
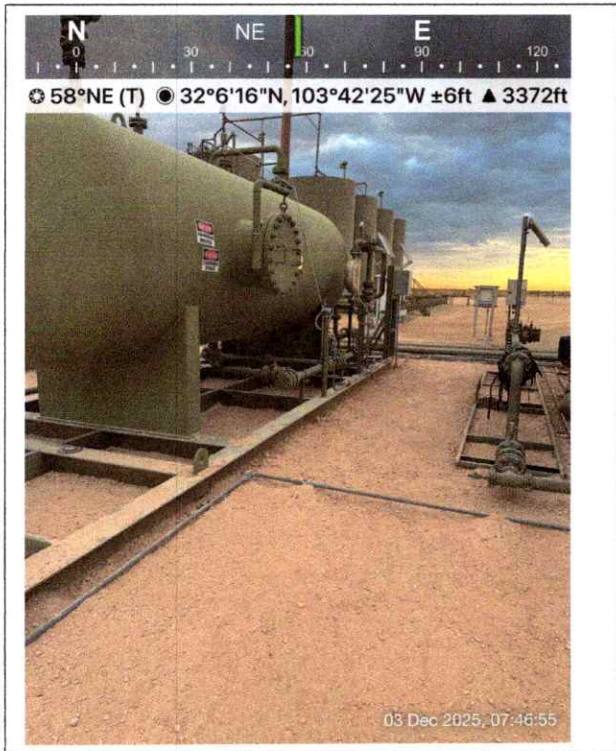
Cotton Draw 29-30 Central Tank Battery

December 03, 2025



Cotton Draw 29-30 Central Tank Battery

December 03, 2025



Devon Energy Production Company, LP
Cotton Draw 29-30 CTB
Closure Report



Appendix C. Laboratory Analytical Reports & Chain of Custody Documentation



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

August 04, 2025

LESLIE MENDENHALL

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: COTTON DRAW 29-30 CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/29/25 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: SP - 1 - 6" (H254588-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/30/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/30/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/30/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/30/2025	ND	6.40	107	6.00	0.416		
Total BTX	<0.300	0.300	07/30/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8960	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: SP - 2 - 6" (H254588-02)

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	07/30/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/30/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/30/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/30/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/30/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8640	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.4 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: SP - 3 - 6" (H254588-03)

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	07/30/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/30/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/30/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/30/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/30/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	27200	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	32.5	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: SP - 4 - 6" (H254588-04)

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	07/30/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/30/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/30/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/30/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/30/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17200	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	22.0	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 93.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.8 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: SP - 5 - 6" (H254588-05)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7440	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153

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Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: SP - 6 - 1' (H254588-06)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7600	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 92.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.5 % 40.6-153

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Analytical Results For:

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Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 1 - S (H254588-07)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	227	114	200	2.12		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	108	200	0.676		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 95.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153

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Analytical Results For:

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Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 2 - S (H254588-08)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.0 % 40.6-153

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Analytical Results For:

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Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 3 - S (H254588-09)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Analytical Results For:

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Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 4 - S (H254588-10)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

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 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 5 - S (H254588-11)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 6 - S (H254588-12)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 98.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 7 - S (H254588-13)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 8 - S (H254588-14)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Safety & Environmental Solutions
 LESLIE MENDENHALL
 703 East Clinton
 Hobbs NM, 88240
 Fax To: (575) 393-4388

Received:	07/29/2025	Sampling Date:	07/28/2025
Reported:	08/04/2025	Sampling Type:	Soil
Project Name:	COTTON DRAW 29-30 CTB	Sampling Condition:	Cool & Intact
Project Number:	DEV-25-	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON -		

Sample ID: HP - 9 - S (H254588-15)

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	07/31/2025	ND	1.97	98.6	2.00	2.92		
Toluene*	<0.050	0.050	07/31/2025	ND	1.98	99.2	2.00	0.929		
Ethylbenzene*	<0.050	0.050	07/31/2025	ND	2.02	101	2.00	0.950		
Total Xylenes*	<0.150	0.150	07/31/2025	ND	6.40	107	6.00	0.416		
Total BTEX	<0.300	0.300	07/31/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/30/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/30/2025	ND	221	111	200	3.41		
DRO >C10-C28*	<10.0	10.0	07/30/2025	ND	215	107	200	3.04		
EXT DRO >C28-C36	<10.0	10.0	07/30/2025	ND						

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

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101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 383-2476

Company Name: Safety and Environmental Solutions		Project Manager: Leslie Mendenhall		BILL TO		ANALYSIS REQUEST					
Address: 1501 W Bender, PO Box 1613		City: Hobbs State: NM Zip: 88240		P.O. #: 21653611		Chloride TPH BTEX					
Phone #: 575 397-0510 Fax #: 575 393-4388		Project #: DEV-25- Project Owner: Devon		Company: Devon Energy							
Project Name: Cotton Draw 29-30 CTB		Project Location: Cotton Draw 29-30 CTB		Attn:							
Sampler Name: Emmer J Romo		Project Owner: Devon		Address:							
				City:							
				State: Zip:							
				Phone #:							
				Fax #:							

Lab I.D.	Sample I.D.	GIRAB OR (COMP. # CONTAINERS	MATRIX						PRESERV.		SAMPLING	
			GROUNDWATER	WASTEWATER	SOIL	OR	SOLID	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE
H254588												
1	SP-1-6"	G		X					X		7/28/25	8:32
2	SP-2-6"	G		X							7/28/25	8:40
3	SP-3-6"	G		X							7/28/25	8:45
4	SP-4-6"	G		X							7/28/25	8:49
5	SP-5-6"	G		X							7/28/25	8:55
6	SP-6-1'	G		X							7/28/25	9:10
7	HP-1-S	G									7/28/25	9:35
8	HP-2-S	G									7/28/25	9:42
9	HP-3-S	G									7/28/25	9:45
10	HP-4-S	G									7/28/25	9:48

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Relinquished By: <i>[Signature]</i>	Date: 7-29-25 Time: 0945	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) 5.40 / CTO 3	Sampler - UPS - Bus - Other: 5.7: #140	Sample Condition: Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	REMARKS: sbabb@sesi-nm.com kywatson@sesi-nm.com lmendenhall@sesi-nm.com aaguire@sesi-nm.com	
		CHECKED BY: <i>[Signature]</i>	Your Email:	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

ANALYSIS REQUEST

BILL TO

Company Name: **Safety and Environmental Solutions**
 Project Manager: **Leslie Mendenhall**

P.O. #: **21653671**
 Company: **DAVON EMERSON**

ANALYSIS REQUEST

Address: **1501 W Bender, PO Box 1613**

Address: **DAVON EMERSON**

City: **Hobbs** State: **NM** Zip: **88240**

City: **DAVON EMERSON**

Phone #: **575 397-0510** Fax #: **575 393-4388**

Phone #: **DAVON EMERSON**

Project #: **DEV-25** Project Owner: **DAVON**

State: **DAVON EMERSON**

Project Name: **Cotton Draw 29-30 CTB**

State: **DAVON EMERSON**

Project Location: **Cotton Draw 29-30 CTB**

Phone #: **DAVON EMERSON**

Sample Name: **Emmer J. Ramo**

Fax #: **DAVON EMERSON**

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACIDBASE:			
11	HP-5-5		1								7/28/25	9:53	Chloride
12	HP-10-5		1								7/28/25	9:57	TPH
13	HP-7-5		1								7/28/25	10:00	BTEX
14	HP-8-5		1								7/28/25	10:22	
15	HP-9-5		1								7/28/25	10:21	

PLEASE NOTE: Unlabeled and Damaged Containers (leaking, cracked, or leaking) should be marked as unusable and not be used for sampling. All data including those for negligible and any other data which were not obtained by the sampler or the analyst, should be marked as unusable. In no event shall Cardlabs be held liable for negligence or consequential damages, including without limitation, property damage, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or contractors, arising out of or from the use of the services provided by Cardlabs. The client shall be responsible for the safe handling, storage, and disposal of the samples and containers. Cardlabs is not responsible for the safe handling, storage, and disposal of the samples and containers. Cardlabs is not responsible for the safe handling, storage, and disposal of the samples and containers. Cardlabs is not responsible for the safe handling, storage, and disposal of the samples and containers.

Relinquished By: **Shabb@sesi-nm.com**

Received By: **Shabb@sesi-nm.com**

Date: **8/14/25**

Date: **8/14/25**

Time: **5:37:44**

Time: **5:37:44**

Delivered By: (Circle One) **UPS** **5:37:44**

Sample Condition: **Good** **Intact** **Yes** **Yes** **NO** **NO** **NO** **NO**

Checked By: **Shabb@sesi-nm.com**

Phone Request: Yes No

Report to:

Leslie Mendenhall



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Safety & Environmental Solutions

Project Name: Cotton Draw 29-30 CTB

Work Order: E510072

Job Number: 01058-0007

Received: 10/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/13/25

Leslie Mendenhall
1501 W Bender Blvd
Hobbs, NM 88240



Project Name: Cotton Draw 29-30 CTB
Workorder: E510072
Date Received: 10/7/2025 6:30:00AM

Leslie Mendenhall,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/7/2025 6:30:00AM, under the Project Name: Cotton Draw 29-30 CTB.

The analytical test results summarized in this report with the Project Name: Cotton Draw 29-30 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/25 11:08
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH1-Surface	E510072-01A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH1-1'	E510072-02A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH1-2'	E510072-03A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH1-3.5'	E510072-04A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH1-4'	E510072-05A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH1-5'	E510072-06A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH1-6'	E510072-07A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH2-Surface	E510072-08A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH2-1'	E510072-09A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH2-2'	E510072-10A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH2-3'	E510072-11A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH2-4'	E510072-12A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH3-Surface	E510072-13A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH3-2'	E510072-14A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH3-2.5'	E510072-15A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH3-3.5'	E510072-16A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.
BH3-4'	E510072-17A	Soil	10/02/25	10/07/25	Glass Jar, 2 oz.



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
---	---	---

BH1-Surface

E510072-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	24300	400	20	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
---	---	------------------------------------

BH1-1'

E510072-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	7400	200	10	10/08/25	10/08/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH1-2'

E510072-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
Surrogate: n-Nonane		102 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	11000	200	10	10/08/25	10/08/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH1-3.5'

E510072-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
Surrogate: n-Nonane		97.5 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	8160	100	5	10/08/25	10/08/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH1-4'

E510072-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	8200	200	10	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH1-5'

E510072-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	4160	40.0	2	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH1-6'

E510072-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		118 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	370	20.0	1	10/08/25	10/08/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH2-Surface

E510072-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/08/25	
Toluene	ND	0.0250	1	10/07/25	10/08/25	
o-Xylene	ND	0.0250	1	10/07/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.2 %	70-130	10/07/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/08/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	10/08/25	10/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	23600	400	20	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH2-1'

E510072-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		98.4 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	8050	200	10	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH2-2'

E510072-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		107 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	8490	200	10	10/08/25	10/08/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH2-3'

E510072-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.7 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>						
		96.1 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	17200	400	20	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH2-4'

E510072-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		102 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	8440	200	10	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH3-Surface

E510072-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.5 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>						
		97.7 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	18600	400	20	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH3-2'

E510072-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		102 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	4210	40.0	2	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30 CTB	Reported: 10/13/2025 11:08:39AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

BH3-2.5'

E510072-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		110 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.8 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	3360	40.0	2	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH3-3.5'

E510072-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
Surrogate: n-Nonane		103 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	1870	20.0	1	10/08/25	10/08/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/2025 11:08:39AM
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BH3-4'

E510072-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Benzene	ND	0.0250	1	10/07/25	10/09/25	
Ethylbenzene	ND	0.0250	1	10/07/25	10/09/25	
Toluene	ND	0.0250	1	10/07/25	10/09/25	
o-Xylene	ND	0.0250	1	10/07/25	10/09/25	
p,m-Xylene	ND	0.0500	1	10/07/25	10/09/25	
Total Xylenes	ND	0.0250	1	10/07/25	10/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2541057
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/07/25	10/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	10/07/25	10/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541073
Diesel Range Organics (C10-C28)	ND	25.0	1	10/08/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/08/25	10/09/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	10/08/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2541093
Chloride	576	20.0	1	10/08/25	10/08/25	

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30 CTB	Reported:
	Project Number:	01058-0007	10/13/2025 11:08:39AM
	Project Manager:	Leslie Mendenhall	

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541057-BLK1)

Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.06		8.00		113	70-130			

LCS (2541057-BS1)

Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	4.52	0.0250	5.00		90.5	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.59	0.0250	5.00		91.8	70-130			
o-Xylene	4.74	0.0250	5.00		94.8	70-130			
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130			
Total Xylenes	14.2	0.0250	15.0		94.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.08		8.00		114	70-130			

Matrix Spike (2541057-MS1)

Source: E510072-02

Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	4.26	0.0250	5.00	ND	85.2	70-130			
Ethylbenzene	4.39	0.0250	5.00	ND	87.8	70-130			
Toluene	4.32	0.0250	5.00	ND	86.4	70-130			
o-Xylene	4.46	0.0250	5.00	ND	89.2	70-130			
p,m-Xylene	8.91	0.0500	10.0	ND	89.1	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	9.06		8.00		113	70-130			

Matrix Spike Dup (2541057-MSD1)

Source: E510072-02

Prepared: 10/07/25 Analyzed: 10/08/25

Benzene	4.64	0.0250	5.00	ND	92.8	70-130	8.53	27	
Ethylbenzene	4.80	0.0250	5.00	ND	96.0	70-130	8.91	26	
Toluene	4.71	0.0250	5.00	ND	94.2	70-130	8.74	20	
o-Xylene	4.87	0.0250	5.00	ND	97.3	70-130	8.76	25	
p,m-Xylene	9.74	0.0500	10.0	ND	97.4	70-130	8.84	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130	8.81	26	
Surrogate: 4-Bromochlorobenzene-PID	9.11		8.00		114	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30 CTB	Reported: 10/13/2025 11:08:39AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541057-BLK1)

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

LCS (2541057-BS2)

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	58.2	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

Matrix Spike (2541057-MS2)

Source: E510072-02

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	58.7	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			

Matrix Spike Dup (2541057-MSD2)

Source: E510072-02

Prepared: 10/07/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	ND	115	70-130	2.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30 CTB	Reported:
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	10/13/2025 11:08:39AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2541073-BLK1)

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106		61-141		

LCS (2541073-BS1)

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	255	25.0	250		102		66-144		
Surrogate: n-Nonane	49.8		50.0		99.5		61-141		

Matrix Spike (2541073-MS1)

Source: E509324-02RE1

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107		56-156		
Surrogate: n-Nonane	49.8		50.0		99.6		61-141		

Matrix Spike Dup (2541073-MSD1)

Source: E509324-02RE1

Prepared: 10/08/25 Analyzed: 10/08/25

Diesel Range Organics (C10-C28)	264	25.0	250	ND	106		56-156	1.08	20
Surrogate: n-Nonane	49.1		50.0		98.2		61-141		

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30 CTB	Reported: 10/13/2025 11:08:39AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2541093-BLK1)									
Chloride	ND	20.0							Prepared: 10/08/25 Analyzed: 10/08/25
LCS (2541093-BS1)									
Chloride	257	20.0	250		103	90-110			Prepared: 10/08/25 Analyzed: 10/08/25
Matrix Spike (2541093-MS1)									
Chloride	8190	100	250	8160	12.2	80-120			Source: E510072-04 Prepared: 10/08/25 Analyzed: 10/08/25 M4
Matrix Spike Dup (2541093-MSD1)									
Chloride	8280	100	250	8160	46.8	80-120	1.05	20	Source: E510072-04 Prepared: 10/08/25 Analyzed: 10/08/25 M4

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 CTB Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 10/13/25 11:08
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- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State													
Client: Safety & Environmental Solutions				Company: <u>Devon</u>				Lab WO# <u>E510072</u>				Job Number <u>0058-0007</u>				<input checked="" type="checkbox"/> 1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input checked="" type="checkbox"/> Std				<input checked="" type="checkbox"/> NM <input type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> TX									
Project Name: <u>Cotton Draw 24-30 CR</u>				Address:																									
Project Manager: <u>Leslie Mendenhall</u>				City, State, Zip:																									
Address: <u>1501 W Bender Blvd</u>				Phone:																									
City, State, Zip: <u>Hobbs, NM 88240</u>				Email:																									
Phone: <u>(575) 973-5675 or (575) 397-0510</u>				Miscellaneous: <u>Devon WO# 21653671</u>																									
Email: <u>lmendenhall@sesi-nm.com</u>																													
Sample Information										Analysis and Method						EPA Program													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 3000	TEG 1005-TX	RCRA 8 Metals	BEDOC - NM	BEDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks				
8:20	10/6/25	S	1	BH1 - Surface	S	1	X	X	X	X														2.2					
8:45	10/2/25	S	1	BH1 - 1'	1'	2																		2.0					
10:41	10/2/25	S	1	BH1 - 2'	2'	3																		1.6					
11:01	10/2/25	S	1	BH1 - 3.5'	3.5'	4																		1.6					
11:15	10/2/25	S	1	BH1 - 4'	4'	5																		3.0					
1:30	10/2/25	S	1	BH1 - 5'	5'	6																		2.4					
2:00	10/2/25	S	1	BH1 - 6'	6'	7																		2.6					
9:10	10/2/25	S	1	BH2 - Surface	S	8																		1.8					
9:30	10/2/25	S	1	BH2 - 1'	1'	9																		2.0					
9:50	10/2/25	S	1	BH2 - 2'	2'	10																		3.2					
Additional Instructions: <u>sbabba@sesi-nm.com, aaguirre@sesi-nm.com lmendenhall@sesi-nm.com</u>																													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																													
Sampled by: <u>Sabrina Sanchez</u>																													
Relinquished by: (Signature) <u>Leslie Mendenhall</u>					Date: <u>10/6/25</u>					Time: <u>2:00</u>					Received by: (Signature) <u>Michelle Gylf</u>					Date: <u>10-6-25</u>					Time: <u>1400</u>				
Relinquished by: (Signature) <u>Michelle Gonzales</u>					Date: <u>10-6-25</u>					Time: <u>1530</u>					Received by: (Signature) <u>Marissa Gonzales</u>					Date: <u>10-6-25</u>					Time: <u>1530</u>				
Relinquished by: (Signature) <u>Marissa Gonzales</u>					Date: <u>10-6-25</u>					Time: <u>2020</u>					Received by: (Signature) <u>Andrew Musso</u>					Date: <u>10-6-25</u>					Time: <u>2020</u>				
Relinquished by: (Signature) <u>Andrew Musso</u>					Date: <u>10-7-25</u>					Time: <u>0100</u>					Received by: (Signature) <u>Nae Sato</u>					Date: <u>10-7-25</u>					Time: <u>0630</u>				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																													
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																													
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																													
Lab Use Only																Received on ice:													
																<input checked="" type="checkbox"/> Y <input type="checkbox"/> N													



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State								
Client: Safety & Environmental Solutions Project Name: Cotton Draw 24-30 CCB Project Manager: Leslie Mendenhall Address: 1501 W Bender Blvd City, State, Zip: Hobbs, NM 88240 Phone: (575) 973-5675 or (575) 397-0510 Email: lmendenhall@sesi-nm.com				Company: <u>Decon</u> Address: City, State, Zip: Phone: Email: Miscellaneous: <u>Decon WO# 21653671</u>				Lab WO# <u>E510572</u> Job Number <u>010571-0007</u>				1D <input type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/> Std <input checked="" type="checkbox"/>				NM <input checked="" type="checkbox"/> CO <input type="checkbox"/> UT <input type="checkbox"/> TX <input type="checkbox"/>								
Sample Information												EPA Program												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/CRO by 8015	GRO/DRO by 8015	BTX by 8023	VOC by 8260	Chloride 300.0	TCED 1005-TX	PCRA & Metals	PRDOC - NM	PRDOC - TX	SDWA	CWA	RCRA	Compliance	PWSID #	Remarks			
1000	10/2/25	S	1	BH2-3'	3'	11	X	X		X									Y					
1015	10/2/25	S	1	BH2-4'	4'	12																		
1020	10/2/25	S	1	BH3-Surface	S	13																		
1120	10/2/25	S	1	BH3-2'	2'	14																		
1231	10/2/25	S	1	BH3-2.5'	2.5'	15																		
100	10/2/25	S	1	BH3-3.5'	3.5'	16																		
140	10/2/25	S	1	BH3-4'	4'	17																		
Additional Instructions: <u>sbabb@sesi-nm.com, aaguirre@sesi-nm.com, lmendenhall@sesi-nm.com, eroma@sesi-nm.com</u>																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																								
Sampled by: <u>Sabrina Sanchez</u>																								
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time				Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> N
<u>Leslie Mendenhall</u>				10/6/25				2:00				<u>Michelle Eyz</u>				10-6-25				1400				
<u>Michelle Gonzales</u>				10-6-25				1530				<u>Trissa Gonzales</u>				10-6-25				1530				
<u>Trissa Gonzales</u>				10-6-25				2020				<u>Andrew Musso</u>				10-6-25				2020				
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time				
<u>Andrew Musso</u>				10-7-25				0100				<u>Joe Soto</u>				10-7-25				0630				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																								
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																								

Page 29 of 30

Envirotech Analytical Laboratory

Printed: 10/7/2025 10:02:25AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Safety & Environmental Solutions	Date Received:	10/07/25 06:30	Work Order ID:	E510072
Phone:	(575) 397-0510	Date Logged In:	10/06/25 16:28	Logged In By:	Caitlin Mars
Email:	lmendenhall@sesi-nm.com	Due Date:	10/13/25 17:00 (4 day TAT)		

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: COURIER

Comments/Resolution

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Leslie Mendenhall



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Safety & Environmental Solutions

Project Name: Cotton Draw 29-30

Work Order: E511112

Job Number: 01058-0007

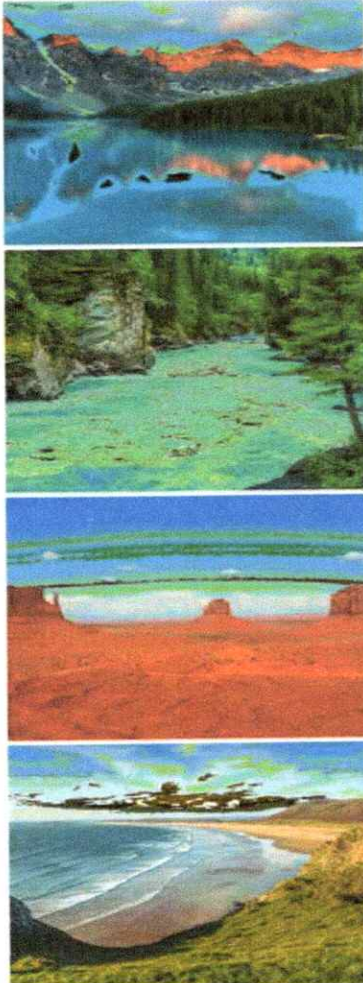
Received: 11/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/13/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



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Date Reported: 11/13/25

Leslie Mendenhall
1501 W Bender Blvd
Hobbs, NM 88240



Project Name: Cotton Draw 29-30
Workorder: E511112
Date Received: 11/10/2025 8:00:00PM

Leslie Mendenhall,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/10/2025 8:00:00PM, under the Project Name: Cotton Draw 29-30.

The analytical test results summarized in this report with the Project Name: Cotton Draw 29-30 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

Safety & Environmental Solutions
1501 W Bender Blvd
Hobbs NM, 88240

Project Name: Cotton Draw 29-30
Project Number: 01058-0007
Project Manager: Leslie Mendenhall

Reported:
11/13/25 09:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP-1 1'	E511112-01A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-2 1'	E511112-02A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-3 1'	E511112-03A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-4 2'	E511112-04A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-5 2'	E511112-05A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-6 1'	E511112-06A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-7 1'	E511112-07A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-8 1'	E511112-08A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-9 1'	E511112-09A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-10 1'	E511112-10A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SP-11 1'	E511112-11A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
BFS-1 S	E511112-12A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SS-1 S	E511112-13A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SS-2 S	E511112-14A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SS-3 S	E511112-15A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SS-4 S	E511112-16A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SS-5 S	E511112-17A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
SS-6 S	E511112-18A	Soil	11/06/25	11/10/25	Glass Jar, 2 oz.
HP-1	E511112-19A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-2	E511112-20A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-3	E511112-21A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-4	E511112-22A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-5	E511112-23A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-6	E511112-24A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-7	E511112-25A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-8	E511112-26A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-9	E511112-27A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-10	E511112-28A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.
HP-11	E511112-29A	Soil	11/07/25	11/10/25	Glass Jar, 2 oz.



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-1 1'
E511112-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.6 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
<i>Surrogate: n-Nonane</i>		98.0 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	3550	40.0	2	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-2 1'

E511112-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.3 %	70-130		11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
Surrogate: n-Nonane	98.0 %	61-141		11/11/25	11/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TY		Batch: 2546064
Chloride	37700	400	20	11/11/25	11/11/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-3 1'

E511112-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID	92.9 %	70-130		11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	89.6 %	70-130		11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
Surrogate: n-Nonane	98.9 %	61-141		11/11/25	11/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	10000	200	10	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-4 2'

E511112-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
Surrogate: n-Nonane		97.4 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	10300	200	10	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-6 1'

E511112-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
Surrogate: n-Nonane		99.5 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	14300	200	10	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-7 1'

E511112-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.2 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.0 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/12/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/12/25
<i>Surrogate: n-Nonane</i>		106 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	2520	40.0	2	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-8 1'

E511112-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
Surrogate: n-Nonane		100 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	3290	40.0	2	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-9 1'

E511112-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.2 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	375	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-10 1'

E511112-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.7 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/12/25	
Surrogate: n-Nonane		104 %	61-141	11/11/25	11/12/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: TY		Batch: 2546064
Chloride	3370	40.0	2	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SP-11 1'

E511112-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/13/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/13/25
<i>Surrogate: n-Nonane</i>		102 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	485	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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BFS-1 S

E511112-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/13/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/13/25
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	169	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SS-1 S

E511112-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.3 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.9 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/13/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/13/25
<i>Surrogate: n-Nonane</i>		98.2 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	42300	1000	50	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SS-2 S

E511112-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatiles by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		<i>102 %</i>	<i>70-130</i>	<i>11/11/25</i>	<i>11/11/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		<i>88.8 %</i>	<i>70-130</i>	<i>11/11/25</i>	<i>11/11/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	987	25.0	1	11/11/25	11/13/25	
Oil Range Organics (C28-C36)	1070	50.0	1	11/11/25	11/13/25	
<i>Surrogate: n-Nonane</i>		<i>90.3 %</i>	<i>61-141</i>	<i>11/11/25</i>	<i>11/13/25</i>	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	932	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SS-3 S

E511112-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/13/25	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	4700	100	5	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SS-4 S

E511112-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	37.3	25.0	1	11/11/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/13/25	
Surrogate: n-Nonane		99.6 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	9860	200	10	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SS-5 S

E511112-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.7 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/13/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	15000	200	10	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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SS-6 S

E511112-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	223	25.0	1	11/11/25	11/13/25	
Oil Range Organics (C28-C36)	245	50.0	1	11/11/25	11/13/25	
Surrogate: n-Nonane		99.2 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2546064
Chloride	4640	100	5	11/11/25	11/12/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/13/2025 9:52:27AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

HP-1

ES11112-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/13/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/13/25
<i>Surrogate: n-Nonane</i>		102 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	162	20.0	1	11/11/25	11/12/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-2

E511112-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatiles by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2546053
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2546044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/13/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	11/11/25	11/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: IY		Batch: 2546064
Chloride	165	20.0	1	11/11/25	11/12/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-3

E511112-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2546065
Chloride	164	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-4

E511112-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
<i>Surrogate: n-Nonane</i>		96.8 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2546065
Chloride	168	20.0	1	11/11/25	11/11/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-5

E511112-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.6 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/11/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/11/25
<i>Surrogate: n-Nonane</i>		104 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2546065
Chloride	159	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-6

E511112-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		114 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
Surrogate: n-Nonane		93.1 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2546065
Chloride	165	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/13/2025 9:52:27AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

HP-7

E511112-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)		ND	20.0	1	11/11/25	11/11/25
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.4 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)		ND	25.0	1	11/11/25	11/11/25
Oil Range Organics (C28-C36)		ND	50.0	1	11/11/25	11/11/25
<i>Surrogate: n-Nonane</i>		96.0 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2546065
Chloride	165	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-8

E511112-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
<i>Surrogate: n-Nonane</i>		93.1 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2546065
Chloride	166	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-9
E511112-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.8 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2546065
Chloride	168	20.0	1	11/11/25	11/11/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-10

E511112-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.0 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
<i>Surrogate: n-Nonane</i>		91.6 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2546065
Chloride	189	20.0	1	11/11/25	11/11/25	



Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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HP-11

E511112-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Benzene	ND	0.0250	1	11/11/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/11/25	11/11/25	
Toluene	ND	0.0250	1	11/11/25	11/11/25	
o-Xylene	ND	0.0250	1	11/11/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/11/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/11/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		117 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2546051
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	11/11/25	11/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2546045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
Surrogate: n-Nonane		93.7 %	61-141	11/11/25	11/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2546065
Chloride	171	20.0	1	11/11/25	11/12/25	

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported:
	Project Number:	01058-0007	11/13/2025 9:52:27AM
	Project Manager:	Leslie Mendenhall	

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2546051-BLK1)

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.30		8.00		116		70-130		

LCS (2546051-BS1)

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	4.01	0.0250	5.00		80.1		70-130		
Ethylbenzene	3.87	0.0250	5.00		77.4		70-130		
Toluene	3.93	0.0250	5.00		78.6		70-130		
o-Xylene	3.93	0.0250	5.00		78.6		70-130		
p,m-Xylene	7.93	0.0500	10.0		79.3		70-130		
Total Xylenes	11.9	0.0250	15.0		79.1		70-130		
Surrogate: 4-Bromochlorobenzene-PID	9.25		8.00		116		70-130		

Matrix Spike (2546051-MS1)

Source: E511112-25

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	4.01	0.0250	5.00	ND	80.2		70-130		
Ethylbenzene	3.86	0.0250	5.00	ND	77.2		70-130		
Toluene	3.92	0.0250	5.00	ND	78.5		70-130		
o-Xylene	3.91	0.0250	5.00	ND	78.2		70-130		
p,m-Xylene	7.90	0.0500	10.0	ND	79.0		70-130		
Total Xylenes	11.8	0.0250	15.0	ND	78.8		70-130		
Surrogate: 4-Bromochlorobenzene-PID	9.10		8.00		114		70-130		

Matrix Spike Dup (2546051-MSD1)

Source: E511112-25

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	4.57	0.0250	5.00	ND	91.4	70-130	13.0	27	
Ethylbenzene	4.41	0.0250	5.00	ND	88.2	70-130	13.2	26	
Toluene	4.47	0.0250	5.00	ND	89.5	70-130	13.1	20	
o-Xylene	4.47	0.0250	5.00	ND	89.4	70-130	13.3	25	
p,m-Xylene	9.01	0.0500	10.0	ND	90.1	70-130	13.1	23	
Total Xylenes	13.5	0.0250	15.0	ND	89.9	70-130	13.2	26	
Surrogate: 4-Bromochlorobenzene-PID	9.10		8.00		114	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/13/2025 9:52:27AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Volatiles Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2546053-BLK1)

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

LCS (2546053-BS1)

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	4.59	0.0250	5.00		91.8	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.51	0.0250	5.00		90.2	70-130			
o-Xylene	4.44	0.0250	5.00		88.8	70-130			
p,m-Xylene	8.99	0.0500	10.0		89.9	70-130			
Total Xylenes	13.4	0.0250	15.0		89.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			

Matrix Spike (2546053-MS1)

Source: E511112-13

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	5.01	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	70-130			
Toluene	4.92	0.0250	5.00	ND	98.3	70-130			
o-Xylene	4.84	0.0250	5.00	ND	96.7	70-130			
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.6	70-130			

Matrix Spike Dup (2546053-MSD1)

Source: E511112-13

Prepared: 11/11/25 Analyzed: 11/11/25

Benzene	5.48	0.0250	5.00	ND	110	70-130	8.78	27	
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130	9.12	26	
Toluene	5.37	0.0250	5.00	ND	107	70-130	8.80	20	
o-Xylene	5.25	0.0250	5.00	ND	105	70-130	8.11	25	
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130	8.91	23	
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130	8.65	26	
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.3	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/13/2025 9:52:27AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2546051-BLK1)

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

LCS (2546051-BS2)

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

Matrix Spike (2546051-MS2)

Source: E511112-25

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2546051-MSD2)

Source: E511112-25

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.5	70-130	12.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

Blank (2546053-BLK1)

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS (2546053-BS2)

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

Matrix Spike (2546053-MS2)

Source: E511112-13

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			

Matrix Spike Dup (2546053-MSD2)

Source: E511112-13

Prepared: 11/11/25 Analyzed: 11/11/25

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130	2.20	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2546044-BLK1)

Prepared: 11/11/25 Analyzed: 11/12/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			

LCS (2546044-BS1)

Prepared: 11/11/25 Analyzed: 11/12/25

Diesel Range Organics (C10-C28)	258	25.0	250		103	66-144			
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			

Matrix Spike (2546044-MS1)

Source: E511112-02

Prepared: 11/11/25 Analyzed: 11/12/25

Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	50.5		50.0		101	61-141			

Matrix Spike Dup (2546044-MSD1)

Source: E511112-02

Prepared: 11/11/25 Analyzed: 11/12/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	2.30	20	
Surrogate: n-Nonane	51.2		50.0		102	61-141			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2546045-BLK1)

Prepared: 11/11/25 Analyzed: 11/11/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.0		50.0		93.9		61-141		

LCS (2546045-BS1)

Prepared: 11/11/25 Analyzed: 11/11/25

Diesel Range Organics (C10-C28)	238	25.0	250		95.1		66-144		
Surrogate: n-Nonane	45.4		50.0		90.9		61-141		

Matrix Spike (2546045-MS1)

Source: E511112-23

Prepared: 11/11/25 Analyzed: 11/11/25

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110		56-156		
Surrogate: n-Nonane	52.2		50.0		104		61-141		

Matrix Spike Dup (2546045-MSD1)

Source: E511112-23

Prepared: 11/11/25 Analyzed: 11/11/25

Diesel Range Organics (C10-C28)	282	25.0	250	ND	113		56-156	3.01	20
Surrogate: n-Nonane	53.3		50.0		107		61-141		

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/2025 9:52:27AM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2546064-BLK1)									Prepared: 11/11/25 Analyzed: 11/11/25
Chloride	ND	20.0							
LCS (2546064-BS1)									Prepared: 11/11/25 Analyzed: 11/11/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2546064-MS1)				Source: E511112-14					Prepared: 11/11/25 Analyzed: 11/11/25
Chloride	1160	20.0	250	932	89.5	80-120			
Matrix Spike Dup (2546064-MSD1)				Source: E511112-14					Prepared: 11/11/25 Analyzed: 11/11/25
Chloride	1170	20.0	250	932	95.2	80-120	1.21	20	

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/13/2025 9:52:27AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2546065-BLK1)									
Chloride	ND	20.0							Prepared: 11/11/25 Analyzed: 11/11/25
LCS (2546065-BS1)									
Chloride	252	20.0	250		101	90-110			Prepared: 11/11/25 Analyzed: 11/11/25
Matrix Spike (2546065-MS1)									
Chloride	425	20.0	250	168	103	80-120			Source: E511112-27 Prepared: 11/11/25 Analyzed: 11/11/25
Matrix Spike Dup (2546065-MSD1)									
Chloride	422	20.0	250	168	102	80-120	0.589	20	Prepared: 11/11/25 Analyzed: 11/11/25

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/13/25 09:52
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Safety & Environmental Solutions Project Name: (ORM) (EPA) 29-30 Project Manager: Leslie Mendenhall Address: 1501 W Bender Blvd City, State, Zip: Hobbs, NM 88240 Phone: (575) 973-5675 or (575) 397-0510 Email: lmendenhall@sesi-nm.com				Company: <u>Dave</u> Address: City, State, Zip: Phone: Email: Miscellaneous: <u>216.536.71</u>				Lab Work: <u>E51112</u> Job Number: <u>01058-0007</u> 1D 2D 3D Std X				NM CO UT TX X											
Sample Information										Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	PH/PC by 8011	GR/PC by 8011	PFAS by 8022	VOC by 8250	Chloride 300.0	TDS 1000-IT	PCDA 8 / Metals	NO3C-IR	NO3C-TT	SDWA	CWA	RCRA	Compliance	PWSID #	Sample Temp	Remarks	
9:10	11-4-25	S	1	SP-1	1'	1	X	X	X	X											2.7		
9:17			1	SP-2	1'	2	X	X	X	X											2.5		
9:20			1	SP-3	1'	3	X	X	X	X											4.5		
9:24			1	SP-4	2'	4	X	X	X	X											3.1		
9:31			1	SP-5	2'	5	X	X	X	X											4.8		
9:40			1	SP-6	1'	6	X	X	X	X											1.9		
9:46			1	SP-7	1'	7	X	X	X	X											2.0		
9:59			1	SP-8	1'	8	X	X	X	X											2.6		
10:10			1	SP-9	1'	9	X	X	X	X											3.1		
10:22			1	SP-10	1'	10	X	X	X	X											1.4		
Additional Instructions: Email Reports: Cromo@SESI-NM.com, lmendenhall@sesi-nm.com, sbabb@sesi-nm.com acquire@sesi-nm.com, Jcarpas@sesi-nm.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: <u>Jerry Carpas</u>																							
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<u>Leslie Mendenhall</u>				11/10/25				1:44				<u>Michelle Gonzalez</u>				11-10-25				1344			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<u>Michelle Gonzalez</u>				11-10-25				1545				<u>Marissa Gonzalez</u>				11-10-25				1545			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
<u>Marissa Gonzalez</u>				11-10-25				2000				<u>Dee Sob</u>				11-10-25				2000			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
Sample Matrix: S - Sol, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

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Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State																			
Client: Safety & Environmental Solutions Project Name: Project Manager: Leslie Mandenhall Address: 1501 W Bender Blvd City, State, Zip: Hobbs, NM 88240 Phone: (575) 973-5675 or (575) 397-9510 Email: lmandenhall@sese-nm.com				Company: DEVON Address: City, State, Zip: Phone: Email: Miscellaneous: 21653671				Lab WOP: EE1112 Job Number: 1058-9007				1D 2D 3D Std X				NM CO UT TX X																			
Sample Information												EPA Program																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	EMV500 by 8015	EMV500 by 8015	EMV500 by 8023	VOC by 8200	Chloride 8020	TCOD 8088-71	NO3-N 8088	NO2-N 8088	Ammonia-N 8088	Ammonia-N 8088	SOWA	CWA	RCRA	Compliance	Y	or	N												
3:20	11-7-25	S	1	HP-1		19	X	X	X	X																									
3:32			1	HP-2		20	X	X	X																										
3:37			1	HP-3		21	X	X	X																										
3:43			1	HP-4		22	X	X	X																										
3:48			1	HP-5		23	X	X	X																										
3:53			1	HP-6		24	X	X	X																										
4:40			1	HP-7		25	X	X	X																										
4:46			1	HP-8		26	X	X	X																										
4:52			1	HP-9		27	X	X	X																										
4:56			1	HP-10		28	X	X	X																										
Additional Instructions: Envirotech results: crano@sese-nm.com, lmandenhall@sese-nm.com, sblab@sese-nm.com scopus@sese-nm.com, aaciviera@sese-nm.com																																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																			
Sampled by: Leslie Mandenhall																																			
Released by: (Signature) Leslie Mandenhall						Date: 11/10/25						Time: 7:44						Received by: (Signature) Michelle Gonzalez						Date: 11-10-25						Time: 1344					
Released by: (Signature) Michelle Gonzalez						Date: 11-10-25						Time: 1545						Received by: (Signature) Mariassa Gonzalez						Date: 11-10-25						Time: 1545					
Released by: (Signature) Mariassa Gonzalez						Date: 11-10-25						Time: 2000						Received by: (Signature) None						Date: 11-10-25						Time: 2000					
Released by: (Signature)						Date:						Time:						Received by: (Signature)						Date:						Time:					
Released by: (Signature)						Date:						Time:						Received by: (Signature)						Date:						Time:					
Sample Matrix: S - Soil, SL - Sediment, LG - Sludge, A - Air, O - Other																																			
Container Type: B - glass, P - poly/plastic, BG - amber glass, V - VOA																																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																			

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Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State						
Client: Safety & Environmental Solutions Project Name: Cotton Draw 29-30 Project Manager: Leslie Mendenhall Address: 1501 W Bender Blvd City, State, Zip: Hobbs, NM 88240 Phone: (575) 973-5675 or (575) 397-0510 Email: lmendenhall@sesi-nm.com				Company: DEVON Address: City, State, Zip: Phone: Email: Miscellaneous: 21653671				Lab Work: FF1112 Job Number: 01059-0007				1D 2D 3D Std X				NM CO UT TX X						
Sample Information												EPA Program										
Type Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DETO by 815	DETO by 805	BTEX by 802	NOE by 810	Chloride 802-D	IC10 2005-TX	SC1A & Meth	800C-NM	800C-TX	SDWA	CWA	RCRA	Compliance	PWSID #	Remarks	
4.59	11-7-25	S	1	HP-11		2.9	X	X	X	X									Y	or	N	5.5
Additional instructions: Email results: erome@SESI-NM.com , lmendenhall@SESI-NM.com , Sbabb@SESI-NM.com , JCorpus@SESI-NM.com , aaquiere@SESI-NM.com																						
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																						
Sampled by: Jay Corpus		Relinquished by: (Signature) D Mondschoen		Date: 11/10/25		Time: 1:44		Received by: (Signature) Michelle Gonzales		Date: 11-10-25		Time: 1344		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N								
		Relinquished by: (Signature) Michelle Gonzales		Date: 11-10-25		Time: 1545		Received by: (Signature) Mariassa Gonzales		Date: 11-10-25		Time: 1545										
		Relinquished by: (Signature) Mariassa Gonzales		Date: 11-10-25		Time: 2000		Received by: (Signature) NR Sot		Date: 11-10-25		Time: 2000										
		Relinquished by: (Signature)		Date:		Time:		Received by: (Signature)		Date:		Time:										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																						

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Envirotech Analytical Laboratory

Printed: 11/11/2025 10:23:53AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: Safety & Environmental Solutions	Date Received: 11/10/25 20:00	Work Order ID: E511112
Phone: (575) 397-0510	Date Logged In: 11/10/25 16:07	Logged In By: Caitlin Mars
Email: lmendenhall@sesi-nm.com	Due Date: 11/13/25 17:00 (2 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
 - 2. Does the number of samples per sampling site location match the COC? Yes
 - 3. Were samples dropped off by client or carrier? Yes
 - 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
 - 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: COURIER

Comments/Resolution

Visible whiteout present on COC.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:

Leslie Mendenhall



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Safety & Environmental Solutions

Project Name: Cotton Draw 29-30

Work Order: E511225

Job Number: 01058-0007

Received: 11/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/19/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Date Reported: 11/19/25



Leslie Mendenhall
1501 W Bender Blvd
Hobbs, NM 88240

Project Name: Cotton Draw 29-30
Workorder: E511225
Date Received: 11/17/2025 12:35:00PM

Leslie Mendenhall,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2025 12:35:00PM, under the Project Name: Cotton Draw 29-30.

The analytical test results summarized in this report with the Project Name: Cotton Draw 29-30 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Field Offices:

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ljjarboe@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/19/25 11:27
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP-2-2'	E511225-01A	Soil	11/14/25	11/17/25	Glass Jar, 2 oz.
SP-4-3'	E511225-02A	Soil	11/14/25	11/17/25	Glass Jar, 2 oz.
SP-6-2'	E511225-03A	Soil	11/14/25	11/17/25	Glass Jar, 2 oz.

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/19/2025 11:27:47AM
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SP-2-2'

E511225-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2547029
Benzene	ND	0.0250	1	11/18/25	11/18/25	
Ethylbenzene	ND	0.0250	1	11/18/25	11/18/25	
Toluene	ND	0.0250	1	11/18/25	11/18/25	
o-Xylene	ND	0.0250	1	11/18/25	11/18/25	
p,m-Xylene	ND	0.0500	1	11/18/25	11/18/25	
Total Xylenes	ND	0.0250	1	11/18/25	11/18/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/18/25	11/18/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2547029
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/25	11/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.4 %	70-130	11/18/25	11/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2547034
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/25	11/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/18/25	11/18/25	
Surrogate: n-Nonane		104 %	61-141	11/18/25	11/18/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2547030
Chloride	3610	40.0	2	11/18/25	11/18/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/19/2025 11:27:47AM
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SP-4-3'

E511225-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2547029
Benzene	ND	0.0250	1	11/18/25	11/18/25	
Ethylbenzene	ND	0.0250	1	11/18/25	11/18/25	
Toluene	ND	0.0250	1	11/18/25	11/18/25	
o-Xylene	ND	0.0250	1	11/18/25	11/18/25	
p,m-Xylene	ND	0.0500	1	11/18/25	11/18/25	
Total Xylenes	ND	0.0250	1	11/18/25	11/18/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	11/18/25	11/18/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2547029
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/25	11/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	11/18/25	11/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: HM		Batch: 2547034
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/25	11/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/18/25	11/18/25	
Surrogate: n-Nonane		104 %	61-141	11/18/25	11/18/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2547030
Chloride	4460	40.0	2	11/18/25	11/18/25	

Sample Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/19/2025 11:27:47AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

SP-6-2'

E511225-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatiles by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2547029
Benzene	ND	0.0250	1	11/18/25	11/18/25	
Ethylbenzene	ND	0.0250	1	11/18/25	11/18/25	
Toluene	ND	0.0250	1	11/18/25	11/18/25	
o-Xylene	ND	0.0250	1	11/18/25	11/18/25	
p,m-Xylene	ND	0.0500	1	11/18/25	11/18/25	
Total Xylenes	ND	0.0250	1	11/18/25	11/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.8 %	70-130	11/18/25	11/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2547029
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/18/25	11/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.6 %	70-130	11/18/25	11/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2547034
Diesel Range Organics (C10-C28)	ND	25.0	1	11/18/25	11/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/18/25	11/18/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	11/18/25	11/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2547030
Chloride	4450	40.0	2	11/18/25	11/18/25	

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/19/2025 11:27:47AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2547029-BLK1)

Prepared: 11/18/25 Analyzed: 11/18/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

LCS (2547029-BS1)

Prepared: 11/18/25 Analyzed: 11/18/25

Benzene	4.87	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.8	70-130			
Toluene	4.87	0.0250	5.00		97.5	70-130			
o-Xylene	4.88	0.0250	5.00		97.5	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

Matrix Spike (2547029-MS1)

Source: E511223-04

Prepared: 11/18/25 Analyzed: 11/18/25

Benzene	5.30	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130			
Toluene	5.29	0.0250	5.00	ND	106	70-130			
o-Xylene	5.23	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			

Matrix Spike Dup (2547029-MSD1)

Source: E511223-04

Prepared: 11/18/25 Analyzed: 11/18/25

Benzene	5.53	0.0250	5.00	ND	111	70-130	4.15	27	
Ethylbenzene	5.44	0.0250	5.00	ND	109	70-130	4.23	26	
Toluene	5.52	0.0250	5.00	ND	110	70-130	4.28	20	
o-Xylene	5.47	0.0250	5.00	ND	109	70-130	4.40	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	4.19	23	
Total Xylenes	16.6	0.0250	15.0	ND	110	70-130	4.26	26	
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			



QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/19/2025 11:27:47AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2547029-BLK1)

Prepared: 11/18/25 Analyzed: 11/18/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			

LCS (2547029-BS2)

Prepared: 11/18/25 Analyzed: 11/18/25

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

Matrix Spike (2547029-MS2)

Source: E511223-04

Prepared: 11/18/25 Analyzed: 11/18/25

Gasoline Range Organics (C6-C10)	56.5	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

Matrix Spike Dup (2547029-MSD2)

Source: E511223-04

Prepared: 11/18/25 Analyzed: 11/18/25

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130	1.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/19/2025 11:27:47AM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2547034-BLK1)

Prepared: 11/18/25 Analyzed: 11/18/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	61-141			

LCS (2547034-BS1)

Prepared: 11/18/25 Analyzed: 11/18/25

Diesel Range Organics (C10-C28)	239	25.0	250		95.5	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			

Matrix Spike (2547034-MS1)

Source: E511225-01

Prepared: 11/18/25 Analyzed: 11/18/25

Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.1	56-156			
Surrogate: n-Nonane	51.3		50.0		103	61-141			

Matrix Spike Dup (2547034-MSD1)

Source: E511225-01

Prepared: 11/18/25 Analyzed: 11/18/25

Diesel Range Organics (C10-C28)	233	25.0	250	ND	93.1	56-156	1.10	20	
Surrogate: n-Nonane	51.5		50.0		103	61-141			

QC Summary Data

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name:	Cotton Draw 29-30	Reported: 11/19/2025 11:27:47AM
	Project Number:	01058-0007	
	Project Manager:	Leslie Mendenhall	

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2547030-BLK1)						Prepared: 11/18/25 Analyzed: 11/18/25			
Chloride	ND	20.0							
LCS (2547030-BS1)						Prepared: 11/18/25 Analyzed: 11/18/25			
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2547030-MS1)						Prepared: 11/18/25 Analyzed: 11/18/25			
Chloride	474	200	250	208	106	80-120			
Matrix Spike Dup (2547030-MSD1)						Prepared: 11/18/25 Analyzed: 11/18/25			
Chloride	532	200	250	208	130	80-120	11.6	20	M2

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

Safety & Environmental Solutions 1501 W Bender Blvd Hobbs NM, 88240	Project Name: Cotton Draw 29-30 Project Number: 01058-0007 Project Manager: Leslie Mendenhall	Reported: 11/19/25 11:27
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M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT			State								
Client: Safety & Environmental Solutions				Company: <u>Devon</u>				Lab WO# <u>E511225</u> Job Number <u>01058-0007</u>				1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: <u>Cotton Draw 29-30</u>				Address:				City, State, Zip:															
Project Manager: <u>Leslie Mendenhall</u>				Phone:				Email:															
Address: <u>1501 W Bender Blvd</u>				Miscellaneous: <u>Devon WO# 21453671</u>																			
City, State, Zip: <u>Hobbs, NM 88240</u>																							
Phone: <u>(575) 973-5675 or (575) 397-0510</u>																							
Email: <u>lmendenhall@sesi-nm.com</u>																							
Sample Information							Analysis and Method							EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRD/DRO by 8015	BTEN by 8021	VOC by 2660	Chloride 300.0	TCOQ 1005 - TX	RCRA 8 Metals	BODOC - NM	BODOC - TX	SDWA	CWA	RCRA					
10:05	11/14/25	S	1	SP-2-2'	2'	1	X	X	X	X													
10:12	↓	↓	↓	SP-4-3'	3'	2													2.9				
10:30	↓	↓	↓	SP-6-2'	2'	3													3.6				
																			3.4				
Additional Instructions: <u>lmendenhall@sesi-nm.com, shabb@sesi-nm.com, raquique@sesi-nm.com</u>																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: <u>Leslie Mendenhall</u>																							
Relinquished by: (Signature) <u>Leslie Mendenhall</u>				Date: <u>11/17/25</u>				Time: <u>11:35</u>				Received by: (Signature) <u>Michelle Ryz</u>				Date: <u>11-17-25</u>				Time: <u>1135</u>			
Relinquished by: (Signature) <u>Michelle Gonzalez</u>				Date: <u>11-17-25</u>				Time: <u>1235</u>				Received by: (Signature) <u>Dee Soto</u>				Date: <u>11-17-25</u>				Time: <u>1235</u>			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
Relinquished by: (Signature)				Date				Time				Received by: (Signature)				Date				Time			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.																Lab Use Only							
Received on ice:																Y/N							

Envirotech Analytical Laboratory

Printed: 11/18/2025 9:27:16AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Safety & Environmental Solutions	Date Received:	11/17/25 12:35	Work Order ID:	E511225
Phone:	(575) 397-0510	Date Logged In:	11/17/25 15:42	Logged In By:	Caitlin Mars
Email:	lmendenhall@sesi-nm.com	Due Date:	11/19/25 17:00 (2 day TAT)		

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: COURIER

Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Comments/Resolution

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Devon Energy Production Company, LP
Cotton Draw 29-30 CTB
Closure Report



Appendix D. C-141 Forms and Correspondence

7/23/25, 1:36 PM

OCD Permitting - Incidents

SIGN-IN HELP

Searches

Operator Data

Hearing Fee Application

OCD Permitting

Home Searches Incidents Incident Details

NAPP2520435505 COTTON DRAW 29-30 CTB @ 0

General Incident Information

Site Name: COTTON DRAW 29-30 CTB
 Well:
 Facility: [\[APP2130734795\]](#) COTTON DRAW 29-30 CTB
 Operator: [\[6137\]](#) DEVON ENERGY PRODUCTION COMPANY LP
 Status: Notification Accepted Pending submission of Initial C-141 from the operator
 Type: Produced Water Release
 District: Hobbs
 Incident Location: H-30-25S-32E 1542 FNL 240 FEL
 Lat/Long: 32.10432422 -103.706636 NA083
 Directions:

Severity: Minor
 Surface Owner: Federal
 County: Lea (25)

- Quit
- [Gene](#)
- [Meter](#)
- [Event](#)
- [Order](#)
- [Action](#)
- Assoc
- [Facility](#)
- [Incidents](#)
- New
- [New](#)
- [New](#)
- [New](#)
- [New](#)
- [New](#)
- [New](#)

Notes

Source of Referral: Industry Rep
 Action / Escalation:
 Resulted In Fire:
 Resulted In Injury:
 Endangered Public Health:
 Will or Has Reached Watercourse:
 Fresh Water Contamination:
 Property Or Environmental Damage:

Contact Details

Contact Name:
 Contact Title:

Event Dates

Date of Discovery: 07/22/2025
 Initial C-141 Report Due: 8/6/2025
 Remediation Closure Report Due: 10/20/2025

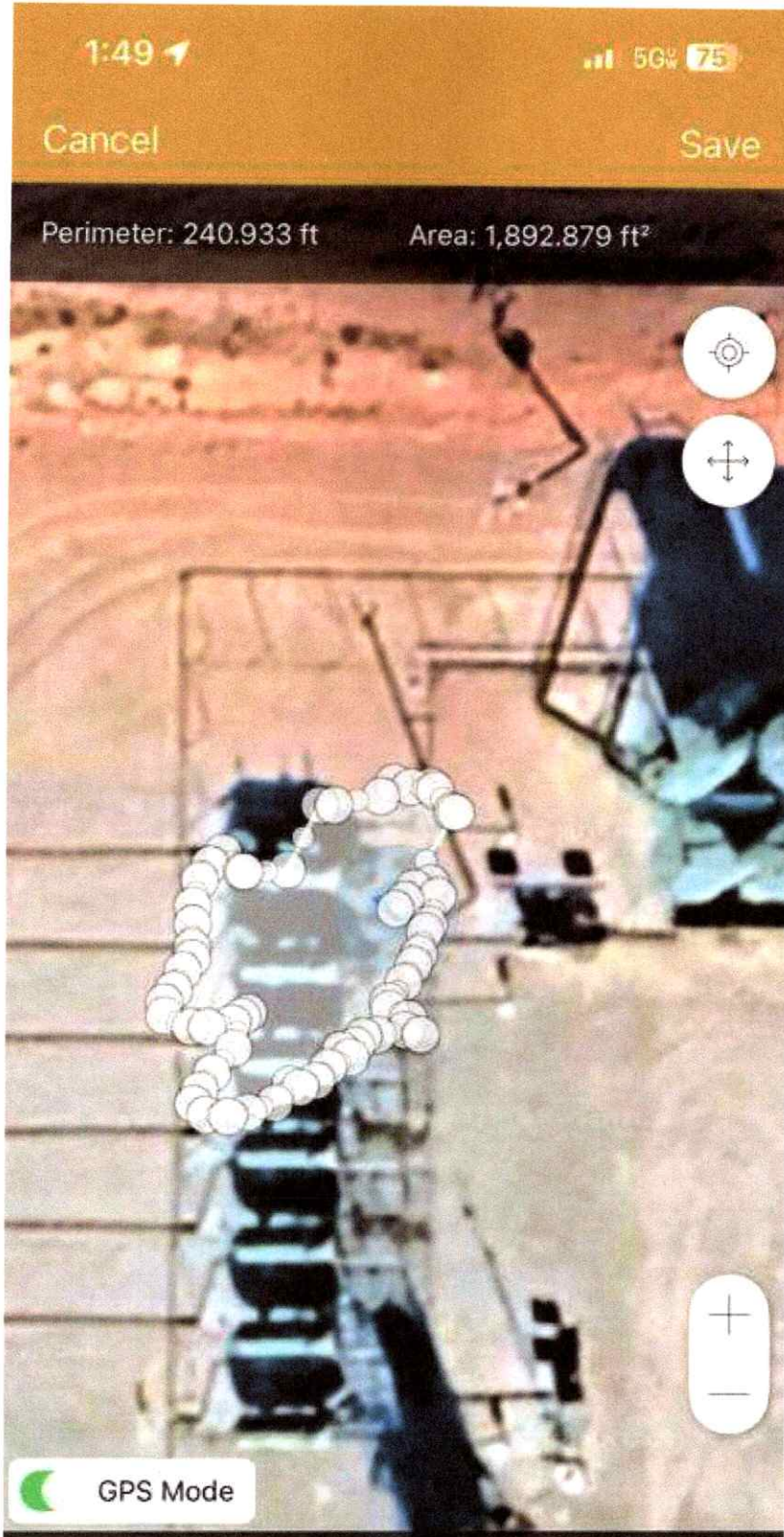
Incident Dates

Type	Action	Received	Event	Approved
Notification	[487967]	07/23/2025		07/23/2025

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analyses Found

Incident Materials



Spill Volume Calculations

Free Standing Fluid Volume

How do you want to enter area? Total area from app

Area from app (ft ²)	900.00
Depth of fluid	0.50 in
Number of Tanks in Fluid Affected Area (if any):	0
Tank Diameter (if needed):	15.5 ft
Volume of Standing Fluid	6.68 bbl

Contaminated Soil Calculations

How do you want to enter area? Total area from app

Area from app (ft ²)	900.00
Depth of impacted soil	0.25 in
Soil Type	Caliche
Spilled Material	Oil / Produced Water
Soil Saturation	Moist - some color change; little to no moisture left on hands
Volume of Spill In Soil	0.75 bbls
Total Spill Volume	7.43 bbls

From: [Velez, Nelson, EMNRD](#)
To: lmendenhall@sesi-nm.com; [ocdonline, emnrd, EMNRD](#)
Cc: "Raley, Jim"; [Sheila Babb](#)
Subject: Re: [EXTERNAL] Devon Energy - nAPP2520435505 - Cotton Draw 29-30 CTB
Date: Tuesday, November 4, 2025 3:19:18 PM
Attachments: [image001.png](#)
[Outlook-coorchlt.png](#)
[Outlook-1eab4x4a.png](#)
[Outlook-h5r32x55.png](#)
[Outlook-3gzihitj.png](#)
[Outlook-e5qs0ilx.png](#)
[Outlook-qveminme.png](#)
[Outlook-xm0rizmq.png](#)
[Outlook-yms0kwsa.png](#)

Good afternoon Leslie,

Thank you for the correspondence and it was good to speak with you this afternoon.

If you are the consultant hired by Jay Management, you will have to make arrangements to sample the backfill material on their behalf.

If you have any further questions or concerns, please contact me at your earliest convenience.

Have a safe and productive day!

Regards,

Nelson Velez • Senior Environmental Scientist
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/ocd>



From: lmendenhall@sesi-nm.com <lmendenhall@sesi-nm.com>
Sent: Tuesday, November 4, 2025 3:02 PM
To: [ocdonline, emnrd, EMNRD](#) <emnrd.ocdonline@emnrd.nm.gov>; [Velez, Nelson, EMNRD](#) <Nelson.Velez@emnrd.nm.gov>
Cc: 'Raley, Jim' <Jim.Raley@dv.com>; 'Leslie Mendenhall' <lmendenhall@sesi-nm.com>; [Sheila Babb](#) <sbabb@sesi-nm.com>

Subject: [EXTERNAL] Devon Energy - nAPP2520435505 - Cotton Draw 29-30 CTB

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

Good afternoon Nelson,

I wanted to reach out and provide an update that Safety & Environmental Solutions on behalf of Devon Energy will be performing confirmation sampling on the Cotton Draw 29-30 CTB Thursday November 6, 2025, at 8:00 AM. Notification has been submitted via the NMOCD portal.

In the remediation plan approval, it was stated that Jay Management needed to collect (1) composite sample of the backfill prior to backfilling the excavation.

- Do I need to contact Jay Management and let them know that the backfill is stacked on the location awaiting them to sample, if so, can you provide me a contact to reach out to, or will NMOCD notify Jay Management?

1. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, Jay Management must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division

Please let me know if you should have any questions or need additional information.

Thank you

Leslie Mendenhall
Senior VP of Environmental
Safety & Environmental Solutions
(575) 973-5675
lmendenhall@sesi-nm.com



From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, September 8, 2025 12:00 PM
To: Raley, Jim <Jim.Raley@div.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has approved the application, Application ID: 498326

To whom it may concern (c/o James Raley for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2520435505, with the following conditions:

- **Remediation plan is approved as written except with the following conditions;**
 - 1. Prior to backfilling the open excavation per 19.15.29.12D (2) NMAC, Jay Management must collect a minimum of one (1) 5pcs from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top four (4) feet from the ground surface.**
 - 2. Devon has 90-days (December 8, 2025) to submit to OCD its appropriate or final remediation closure report.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Nelson Velez
Environmental Specialist - Advanced
505-469-6146
Nelson.Velez@emnr.dnm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

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OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	522700	Districts:	Hobbs
Operator:	[6137] DEVON ENERGY PRODUCTION COMPANY, LP	Counties:	Lea
Description:	DEVON ENERGY PRODUCTION COMPANY, LP [6137] . COTTON DRAW 29-30 CTB . nAPP2520435505		
Status:	Approved		
Status Date:	11/03/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2520435505
Incident Name	NAPP2520435505 COTTON DRAW 29-30 CTB @ FAPP2130734795
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[FAPP2130734795] COTTON DRAW 29-30 CTB

Location of Release Source

Site Name	COTTON DRAW 29-30 CTB
Date Release Discovered	07/22/2025
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,989
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2025
Time sampling will commence	08:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Leslie Mendenhall (575) 973-5675
Please provide any information necessary for navigation to sampling site	32.10432422, -103.706636

Comments

No comments found for this submission.

Conditions

Summary:

prev (11/3/2025). Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

prev (11/3/2025). If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

[Go Back](#)

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

QUESTIONS

Action 534180

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2520435505
Incident Name	NAPP2520435505 COTTON DRAW 29-30 CTB @ FAPP2130734795
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2130734795] COTTON DRAW 29-30 CTB

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	COTTON DRAW 29-30 CTB
Date Release Discovered	07/22/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Separator Produced Water Released: 7 BBL Recovered: 3 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Pinhole leak developed on separator, allowing produced water to impact pad surface.

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QUESTIONS, Page 2

Action 534180

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

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: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/12/2025
--	--

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QUESTIONS, Page 3

Action 534180

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	27200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	32
GRO+DRO (EPA SW-846 Method 8015M)	32
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	08/30/2025
On what date will (or did) the final sampling or liner inspection occur	09/15/2025
On what date will (or was) the remediation complete(d)	10/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	1969
What is the estimated volume (in cubic yards) that will be reclaimed	292
What is the estimated surface area (in square feet) that will be remediated	1969
What is the estimated volume (in cubic yards) that will be remediated	292

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

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QUESTIONS, Page 4

Action 534180

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/12/2025
--	--

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

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QUESTIONS, Page 5

Action 534180

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Seperators
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	80
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	9
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2130734795 COTTON DRAW 29-30 CTB
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvnm.com Date: 12/12/2025

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QUESTIONS, Page 6

Action 534180

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	522700
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2025
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1989

Remediation Closure Request

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

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

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CONDITIONS

Action 534180

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534180
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	2/13/2026