



REMEDATION CLOSURE REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC.

FEBRUARY 24, 2025
PIMA ENVIRONMENTAL SERVICES, LLC.
5614 N LOVINGTON HWY, HOBBS, NM 88240



NMOCD District 2
811 S First St
Artesia, NM 88210

Bureau of Land Management
620 E Green St
Carlsbad, NM 88220

RE: Remediation Closure Report
LOCATION: Todd 36 CTB 3
FACILITY ID: fAPP2123651847
GPS (NAD83): 32.2565, -103.72862
INCIDENT LOCATION: O-36-T23S-R31E
COUNTY: Eddy
NMOCD REF. NO. nAPP2501625164

Pima Environmental Services LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Remediation Closure Report for a produced water release that occurred at the Todd 36 CTB 3 (Todd). This incident was assigned Incident ID nAPP2501625164 by the New Mexico Oil Conservation Division (NMOCD).

RELEASE INFORMATION

nAPP2501625164: On January 15, 2025, Leak from water dump line discovered on Todd 717H treater. Approximately 6 bbls impacted pad surface. A vacuum truck was able to recover 3 bbls of standing fluid.

SITE CHARACTERIZATION

The Todd 36 CTB 3 (Todd) is located approximately twenty (20) miles east of Malaga, NM. This spill site is in Unit O, Section 36, Township 23S, Range 31E, Latitude 32.2565 Longitude -103.72862, Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. A Geologic Unit Map can be referenced in Appendix B. The soil in this area is made up of Berino loamy fine sands, 0 to 3 percent slopes and Simona and wink fine sandy loams, 0 to 3 percent slopes, eroded according to the United States Department of Agriculture Natural Resources Conservation Service soil survey (Appendix B). The drainage class in this area is well drained. There is a low potential for karst geology to be present around the Todd (Figure 3) with the nearest medium karst zone being approximately 6.5 miles northwest. Reference Figure 2 for a Topographic Map.

Based on the well water data from the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is greater than 105 feet below grade surface (bgs). This information is based on OSE C-04746-POD1 which was drilled June 1, 2023, and is located approximately 1,800 feet southwest of this release area. Conversely, as per the United States Geological Survey well water data the nearest groundwater depth in this region is recorded at 101 feet bgs, from well USGS 321609103445901 23S.31E.26.34411 with the last gauge being conducted in 2013. This well is situated approximately 1.6 miles northwest of the Todd release area. The closest surface water feature is a salt pond located approximately 12.5 miles to the northwest of this location. See Appendix A for referenced Water Surveys and Water-Related Maps.

According to the U.S. Fish and Wildlife Service National Wetlands Inventory, a Freshwater Emergent Wetland lies approximately 1.7 miles to the southeast of the Todd release area. According to a FEMA search for flood hazard information, the Todd is in Zone X – Area of Minimal Flood Hazard.

Closure criteria for releases at the Todd pad surface are classified under the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 20,000 mg/kg, TPH (GRO+DRO+MRO) should be less than 2,500 mg/kg, GRO+DRO should be less than 1,000 mg/kg,



BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

SITE ASSESSMENT ACTIVITIES

On January 21, 2025, Pima Environmental mobilized personnel to the site to collect soil samples using a hand auger from within and around the edges of the release area for vertical and horizontal delineation. Twenty (20) discrete samples from 4 different sample points within the release area were collected for vertical delineation. These samples were collected from depths of surface, 1', 2', 3', and 4' bgs. Twenty-five (25) discrete samples from 5 different sample points were collected from around the edges of the release area for horizontal delineation. These samples were collected from depths of surface, 1', 2', 3', and 4' bgs. Two (2) samples were collected from the pasture as background samples, from a depth of 1' bgs. All samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. A corresponding Delineation Map can be seen in Figure 4. The lab sample results can be found among the Data Tables in Figure 5.

On January 28, 2025, an analytical report was received and verified that all sample results are under the regulatory limits of the greater than 100-foot depth to groundwater section of Table 1, and that horizontal and vertical delineation have been completed. Devon sent information to their construction department requesting a scrape of the surface staining.

REMEDIATION ACTIVITIES

On February 7, 2025, the Devon construction department and Pima mobilized personnel and equipment to the site to begin excavating the area of concern. The entire 1,522 square foot area was excavated using hand tools and mechanical equipment to a depth of 10" bgs to remove all surface staining. Approximately 47 cubic yards of soil were removed and hauled to Northern Delaware Basin Landfill for disposal. Clean, like material was brought back to the site and stockpiled to be used for backfilling. This excavation was combined with the excavation for nAPP2315623222, which will be addressed in a separate report. Photographic Documentation can be found in Appendix D.

On February 12, 2025, after Devon submitted a 48-hour notification for sampling (Appendix C), Pima returned to the site to collect 5-point composite confirmation samples of the excavated area. Forty (40) subsamples were collected to create eight (8) composite samples of the base of the excavation. Twenty-five (25) subsamples were collected to create five (5) composite samples of the walls of the excavation. A total of thirteen (13) samples were put on ice, prepared for delivery, then delivered to Envirotech Analytical Laboratory for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC.

On February 14, 2025, an analytical report was received and verified that all sample results are under the regulatory limits of the greater than 100-foot depth to groundwater section of Table 1. Sample results can be referenced in the Data Tables included in Figure 5. A corresponding Confirmation Sample Map can be referenced in Figure 7. Complete Laboratory Reports are included in Appendix E.

CLOSURE REQUEST

Based on the laboratory results, the contamination levels represented in all sample points are under the regulatory limits according to the closure criteria outlined in the greater 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. Devon requests that this incident, nAPP2501625164, be closed. The excavated area has been backfilled and repacked for normal everyday traffic using stockpiled material. Sample results confirming the backfill material is free of contaminants can be seen in the Data Tables included in Figure 5. Devon is also aware of and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan report addressing a minimum of four feet of non-waste containing earthen material. Followed by a revegetation plan report once the site has reached the required vegetative status.

Should you have any questions or need additional information, please feel free to contact:

Devon Energy Production – Jim Raley at 575-689-7597 or jim.ralej@dv.com.

Pima Environmental – Tom Bynum at 575-964-7740 or tom@pimaoil.com.



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2501625164

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ATTACHMENTS

FIGURES:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Delineation Map
- 5- Data Tables
- 6- Confirmation Sample Map

APPENDICES:

- Appendix A – Water Surveys & Water-Related Maps
- Appendix B – Soil Survey & Geological Data
- Appendix C – 48-Hour Notification
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



FIGURES

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Delineation Map
- 5- Data Tables
- 6- Confirmation Sample Map




Pima Environmental Services, LLC
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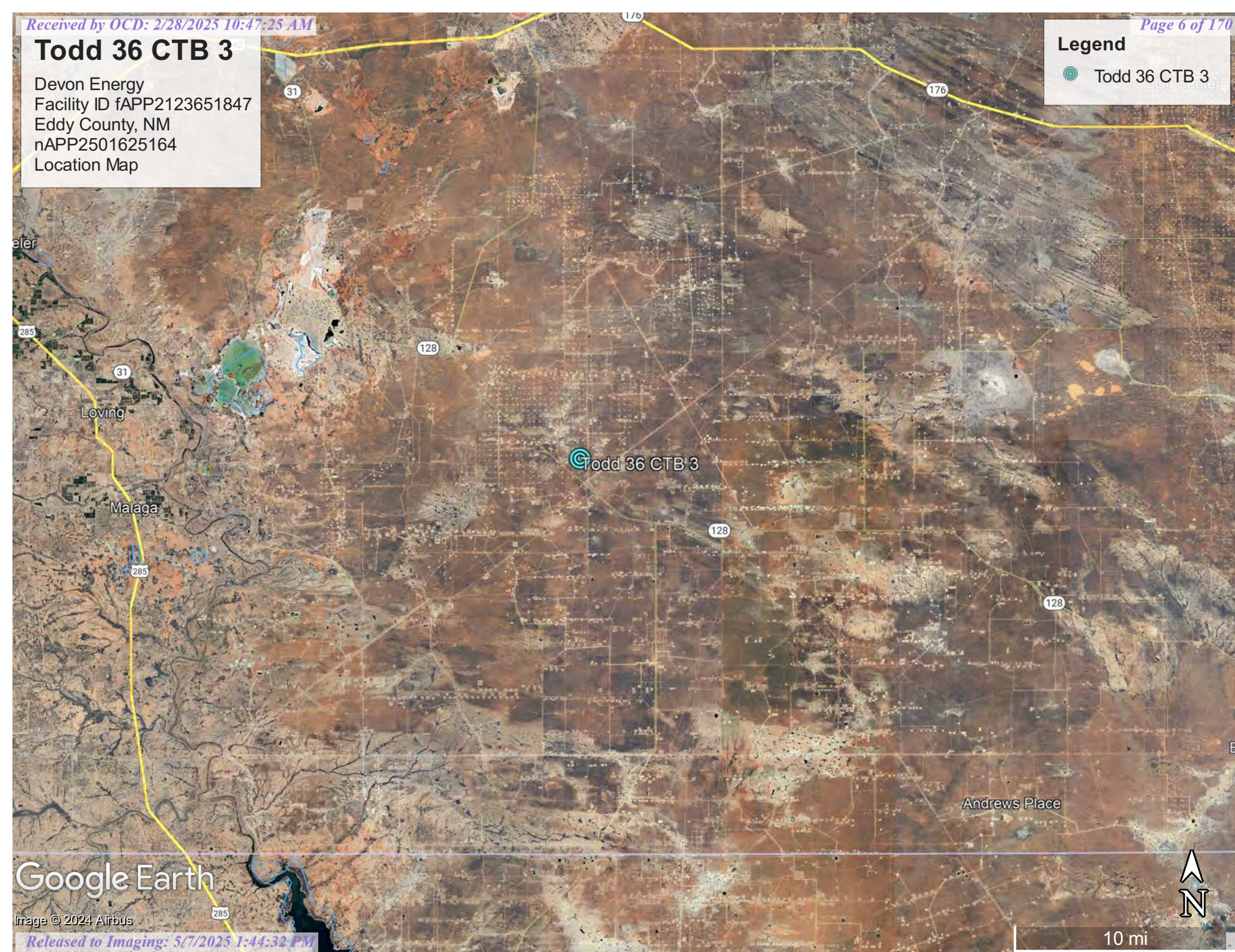
Todd 36 CTB 3 | nAPP2315623222
DEVON ENERGY PRODUCTION, LP.

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Location Map

Legend

 Todd 36 CTB 3



Google Earth


Image © 2024 Airbus

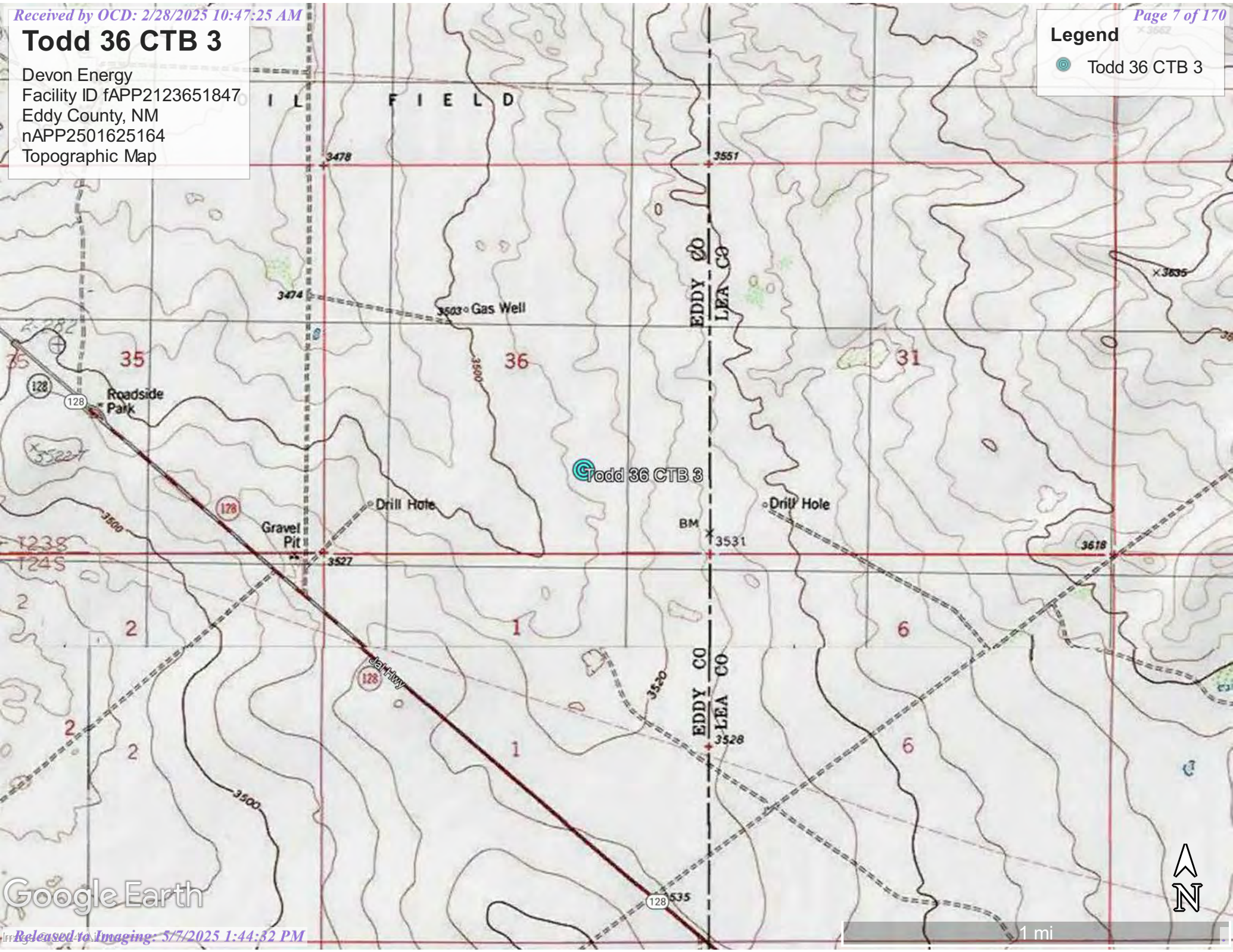
10 mi

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Topographic Map

Legend

 Todd 36 CTB 3



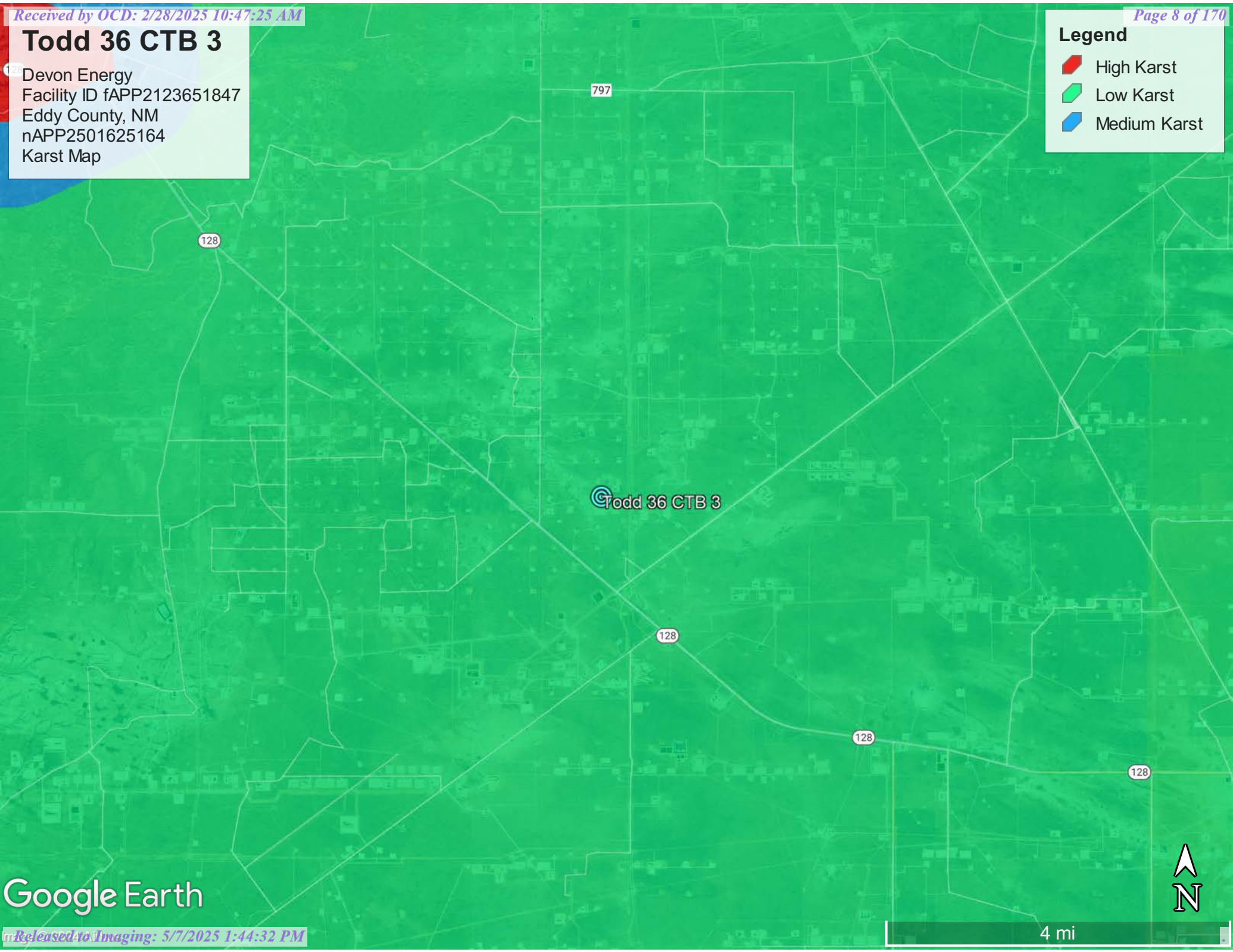
Google Earth

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Karst Map

Legend

- High Karst
- Low Karst
- Medium Karst



Google Earth



4 mi

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Delineation Map

Legend

- Background samples
- Horizontal delineation samples
- nAPP2315623222 Release area - 518 sqft
- nAPP2501625164 Release area - 1,522 sqft
- Vertical delineation samples

32.256350, -103.729001

Todd 36 CTB 3



Google Earth

Image © 2025 Airbus
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100 ft



NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2501625164								
Date: 1/21/25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
S1-Surface	0'	ND	ND	ND	ND	ND	ND	193
S1-1'	1'	ND	ND	ND	ND	ND	ND	3090
S1-2'	2'	ND	ND	ND	ND	ND	ND	229
S1-3'	3'	ND	ND	ND	ND	ND	ND	78.9
S1-4'	4'	ND	ND	ND	ND	ND	ND	73.4
S2-Surface	0'	ND	ND	ND	ND	ND	ND	3820
S2-1'	1'	ND	ND	ND	ND	ND	ND	7050
S2-2'	2'	ND	ND	ND	ND	ND	ND	5930
S2-3'	3'	ND	ND	ND	ND	ND	ND	278
S2-4'	4'	ND	ND	ND	ND	ND	ND	314
S3-Surface	0'	ND	ND	ND	ND	ND	ND	4370
S3-1'	1'	ND	ND	ND	ND	ND	ND	5050
S3-2'	2'	ND	ND	ND	ND	ND	ND	2930
S3-3'	3'	ND	ND	ND	ND	ND	ND	186
S3-4'	4'	ND	ND	ND	ND	ND	ND	64.6
S4-Surface	0'	ND	ND	ND	ND	ND	ND	214
S4-1'	1'	ND	ND	ND	ND	ND	ND	303
S4-2'	2'	ND	ND	ND	ND	ND	ND	28.3
S4-3'	3'	ND	ND	ND	ND	ND	ND	39
S4-4'	4'	ND	ND	ND	ND	ND	ND	31.1
SW1-Surface	0'	ND	ND	ND	ND	ND	ND	ND
SW1-1'	1'	ND	ND	ND	ND	ND	ND	ND
SW1-2'	2'	ND	ND	ND	ND	ND	ND	ND
SW1-3'	3'	ND	ND	ND	ND	ND	ND	ND
SW1-4'	4'	ND	ND	ND	ND	ND	ND	ND
SW2-Surface	0'	ND	ND	ND	ND	ND	ND	ND
SW2-1'	1'	ND	ND	ND	ND	ND	ND	ND
SW2-2'	2'	ND	ND	ND	ND	ND	ND	ND
SW2-3'	3'	ND	ND	ND	ND	ND	ND	ND
SW2-4'	4'	ND	ND	ND	ND	ND	ND	ND
SW3-Surface	0'	ND	ND	ND	ND	ND	ND	ND
SW3-1'	1'	ND	ND	ND	ND	ND	ND	ND
SW3-2'	2'	ND	ND	ND	ND	ND	ND	ND
SW3-3'	3'	ND	ND	ND	ND	ND	ND	ND
SW3-4'	4'	ND	ND	ND	ND	ND	ND	ND
SW4-Surface	0'	ND	ND	ND	ND	ND	ND	ND
SW4-1'	1'	ND	ND	ND	ND	ND	ND	ND
SW4-2'	2'	ND	ND	ND	ND	ND	ND	ND
SW4-3'	3'	ND	ND	ND	ND	ND	ND	ND
SW4-4'	4'	ND	ND	ND	ND	ND	ND	ND

Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
SW5-Surface	0'	ND	ND	ND	ND	98.2	98.2	ND
SW5-1'	1'	ND	ND	ND	ND	ND	ND	ND
SW5-2'	2'	ND	ND	ND	ND	ND	ND	ND
SW5-3'	3'	ND	ND	ND	ND	ND	ND	ND
SW5-4'	4'	ND	ND	ND	ND	ND	ND	ND
BG1-1'	1'	ND	ND	ND	ND	ND	ND	ND
BG2-1'	1'	ND	ND	ND	ND	ND	ND	ND




NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2501625164								
Date: 2/12/25		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
1-10"	10"	ND	ND	ND	ND	ND	ND	2250
2-10"	10"	ND	ND	ND	ND	ND	ND	3780
3-10"	10"	ND	ND	ND	ND	ND	ND	6700
4-10"	10"	ND	ND	ND	ND	ND	ND	1750
5-10"	10"	ND	ND	ND	ND	ND	ND	2000
6-10"	10"	ND	ND	ND	ND	ND	ND	1760
7-10"	10"	ND	ND	ND	ND	ND	ND	3510
8-10"	10"	ND	ND	ND	ND	ND	ND	3660
W1-10"	10"	ND	ND	ND	ND	ND	ND	573
W2-10"	10"	ND	ND	ND	ND	ND	ND	1050
W3-10"	10"	ND	ND	ND	ND	ND	ND	953
W4-10"	10"	ND	ND	ND	ND	ND	ND	3240
W5-10"	10"	ND	ND	ND	ND	ND	ND	770

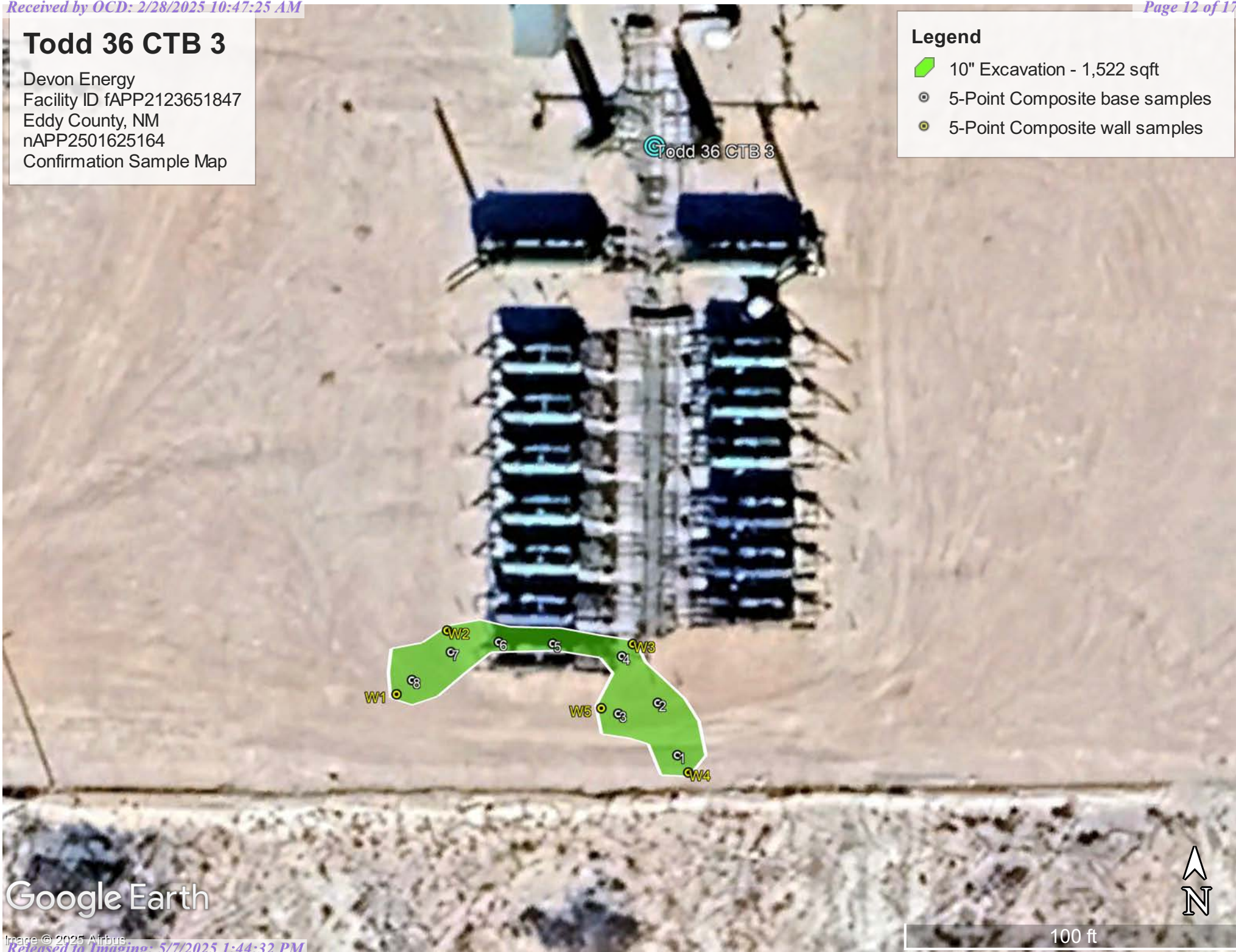
NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')							
DEVON ENERGY - TODD 36 CTB 3 - nAPP2501625164							
Date: 2/13/25		NM Approved Laboratory Results					
Sample ID	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	CI mg/kg
BACKFILL 1	ND	ND	ND	ND	ND	ND	ND
BACKFILL 2	ND	ND	ND	ND	ND	ND	ND
BACKFILL 3	ND	ND	ND	ND	ND	ND	ND
BACKFILL 4	ND	ND	ND	ND	ND	ND	ND

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Confirmation Sample Map

Legend

-  10" Excavation - 1,522 sqft
-  5-Point Composite base samples
-  5-Point Composite wall samples



Google Earth

APPENDIX A

Water Surveys

Water-Related Maps



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4746 POD 1		WELL TAG ID NO.		OSE FILE NO(S). C-4746			
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 205 E Bender Road #150				CITY Hobbs	STATE NM	ZIP 88240	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 15'	SECONDS 18.5" N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
		LONGITUDE 103	44'	03.4" W				
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) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED	
	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	100	6	2" PVC SCH 40	Thread	2"	SCH 40	-
	100	105	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-4746	POD NO. 1	TRN NO. 147203
LOCATION 235. 31E. 36 3 4 3	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST: RIG SUPERVISION

5. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-4746	POD NO. 1	TRN NO. 747 203	
LOCATION 235-316 36 343	WELL TAG ID NO. NA	PAGE 2 OF 2	

OSE POD Location Map



5/21/2024, 2:40:09 PM

GIS WATERS PODs

● Plugged

□ OSE District Boundary

Water Right Regulations

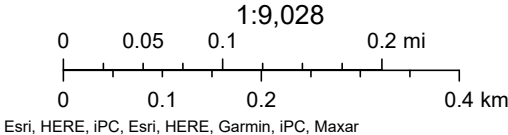
□ Closure Area

□ Artesian Planning Area

New Mexico State Trust Lands

□ Subsurface Estate

□ Both Estates





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C 04746 POD1		CUB	ED	3	4	3	36	23S	31E	619226	3569417	568	105		
C 04672 POD 1		CUB	ED	2	1	4	01	24S	31E	619762	3568286	1316	110		
C 04712 POD1		CUB	LE	1	4	1	31	23S	32E	620917	3570289	1342	55		
C 04790 POD1		CUB	ED	4	4	3	25	23S	31E	619309	3570904	1378	55		
C 02405		CUB	ED		4	1	02	24S	31E	617690	3568631*	2289	275	160	115
C 02464		C	ED	2	3	1	02	24S	31E	617645	3568581	2351	320	205	115
C 02348		C	ED	1	4	3	26	23S	31E	617648	3571068	2573	700	430	270
C 04775 POD1		CUB	LE	4	4	4	06	24S	32E	621789	3567860	2672	105		
C 02460		C	ED			3	02	24S	31E	617496	3568022*	2764	320		
C 02460 POD2		C	ED			3	02	24S	31E	617496	3568022*	2764	320		
C 02258		C	ED		3	2	26	23S	31E	618055	3571853*	2824	662		

Average Depth to Water: **265 feet**
Minimum Depth: **160 feet**
Maximum Depth: **430 feet**

Record Count: 11

UTMNAD83 Radius Search (in meters):

Easting (X): 619763.21

Northing (Y): 3569602.98

Radius: 3000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/21/24 1:29 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater

Geographic Area:

United States

GO

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

site_no list =

- 321609103445901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321609103445901 23S.31E.26.34411

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°16'11.9", Longitude 103°45'01.2" NAD83

Land-surface elevation 3,451.00 feet above NGVD29

The depth of the well is 365 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

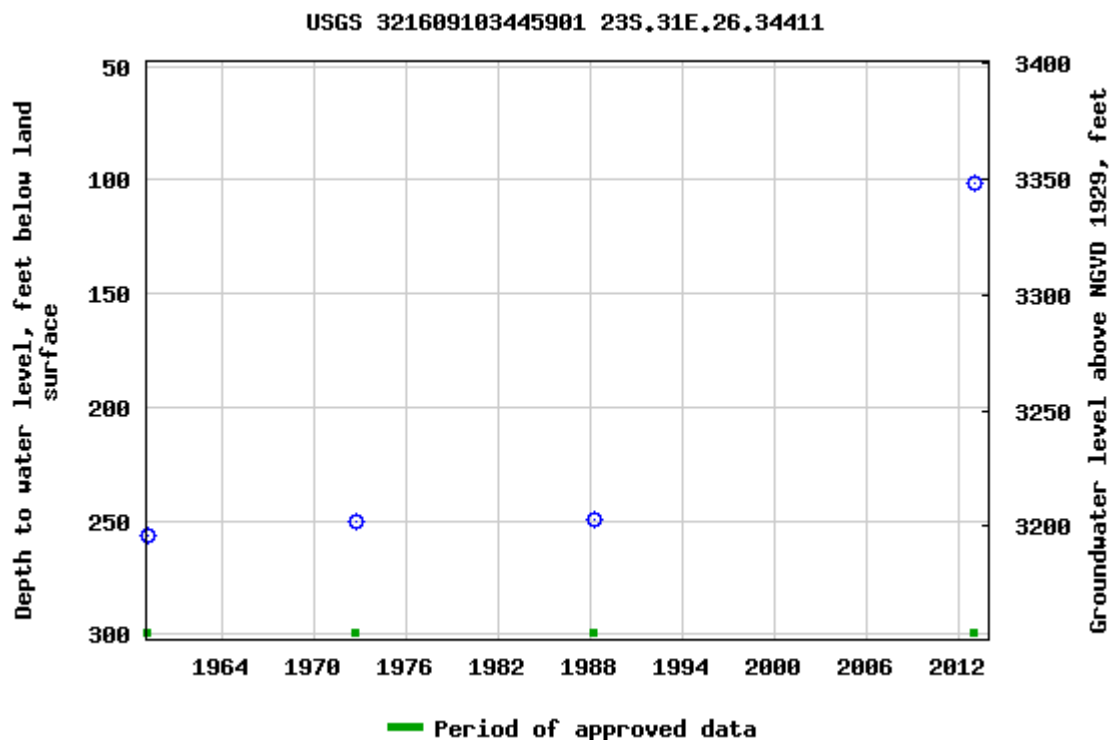
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

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Breaks in the plot represent a gap of at least one year between field measurements.

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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



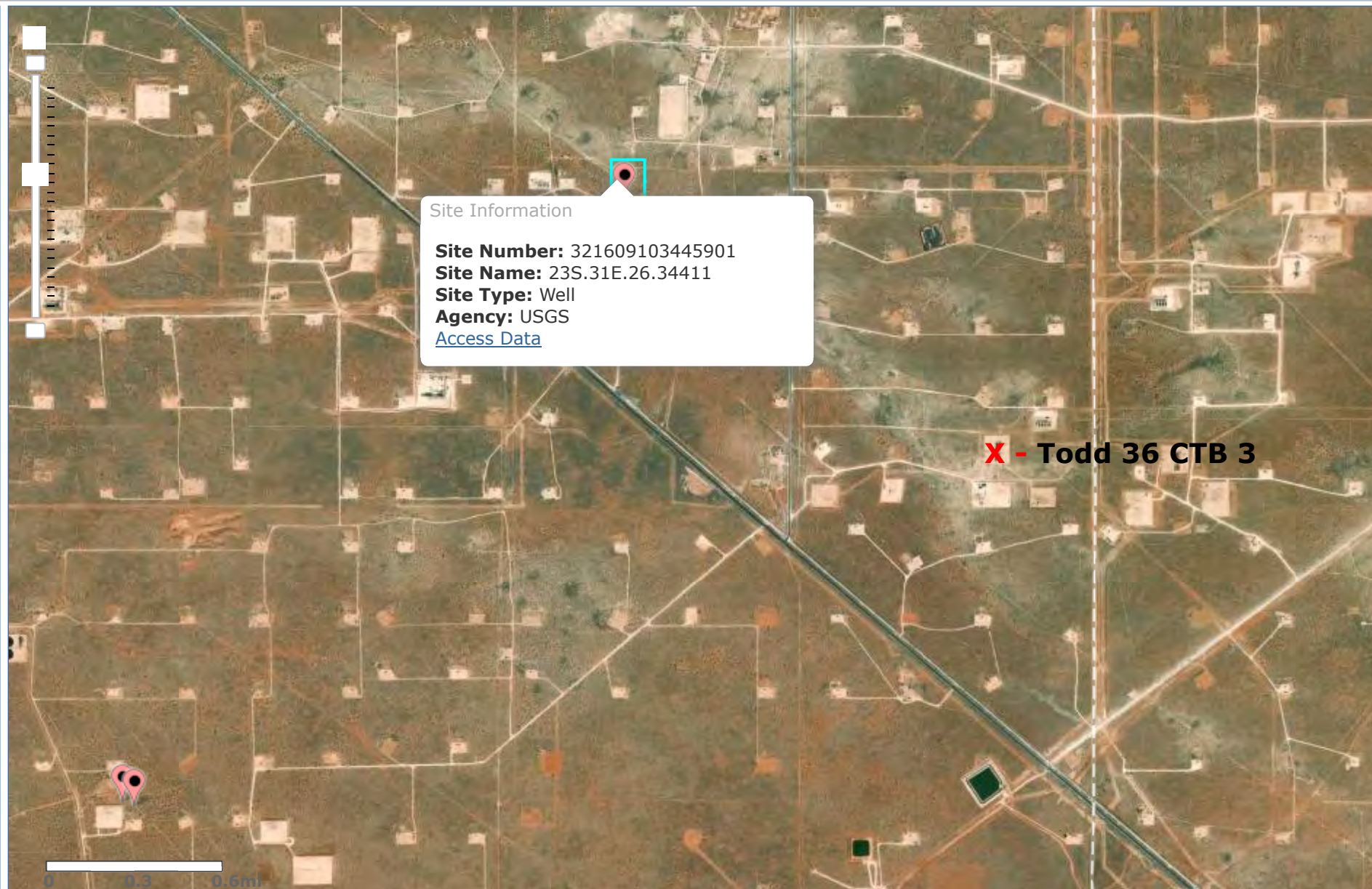
Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-05-21 15:43:13 EDT

0.61 0.52 nadww01



National Water Information System: Mapper

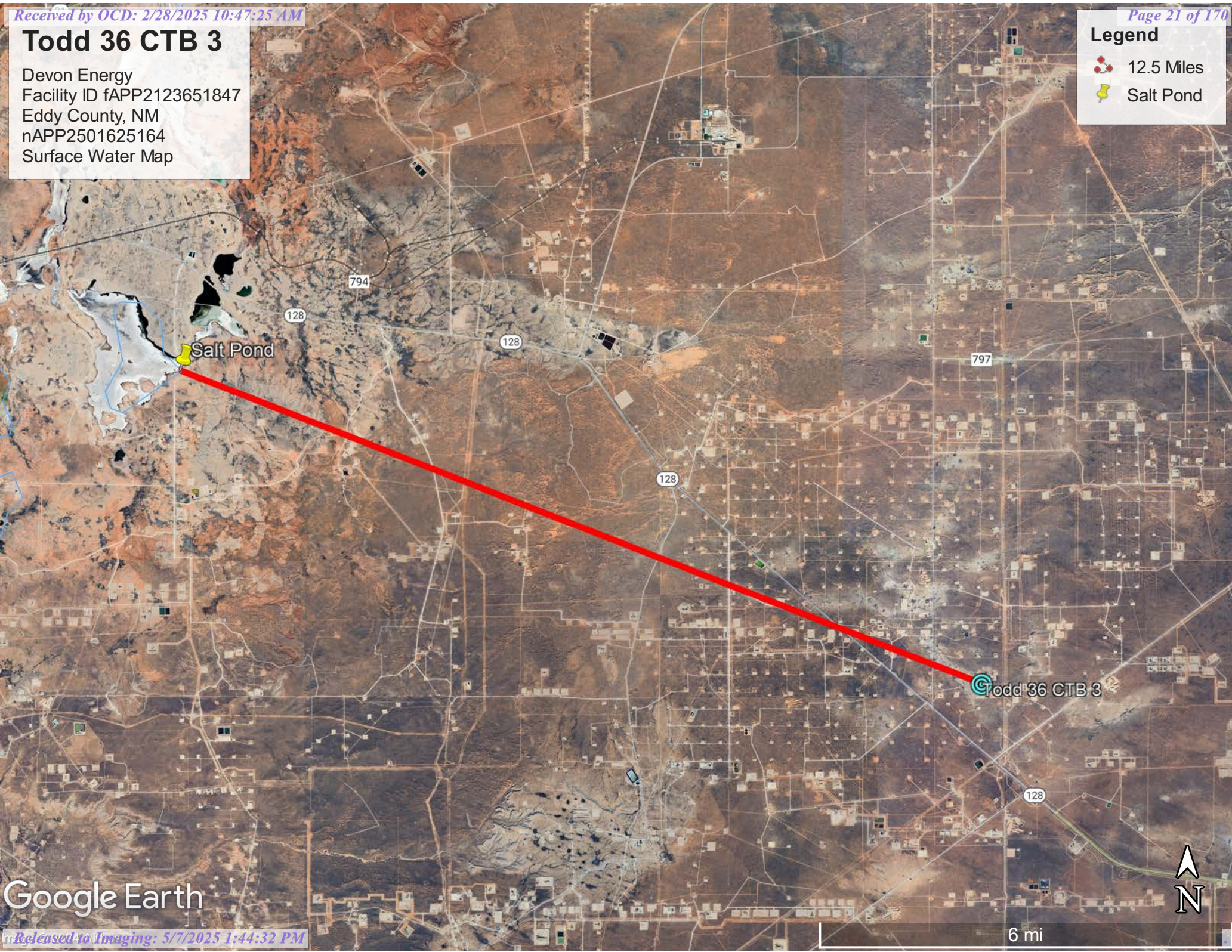


Todd 36 CTB 3

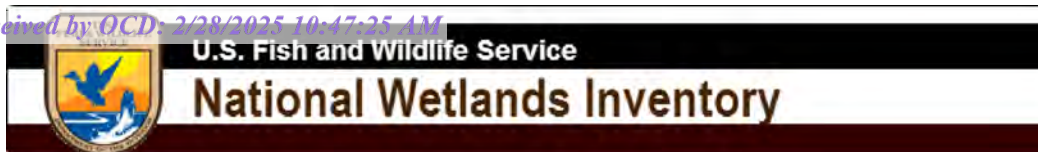
Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Surface Water Map

Legend

- 12.5 Miles
- Salt Pond



Google Earth



Wetlands Map



August 31, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



103°44'1"W 32°15'37"N



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

1:6,000

103°43'24"W 32°15'7"N

Released to Imaging: 5/7/2025 1:44:32 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/17/2025 at 2:20 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.

APPENDIX B

Soil Survey

Soil Map

Geologic Unit Map



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

Map Unit Description: Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded---
Eddy Area, New Mexico

Eddy Area, New Mexico

SN—Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w5y
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 200 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 45 percent
Wink and similar soils: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.5 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 7e

Map Unit Description: Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded---
Eddy Area, New Mexico

Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Wink

Setting

Landform: Swales, depressions
Landform position (three-dimensional): Talf
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 8 inches: fine sandy loam
H2 - 8 to 38 inches: fine sandy loam
H3 - 38 to 60 inches: stratified gravelly variable

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
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: 30 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 6.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

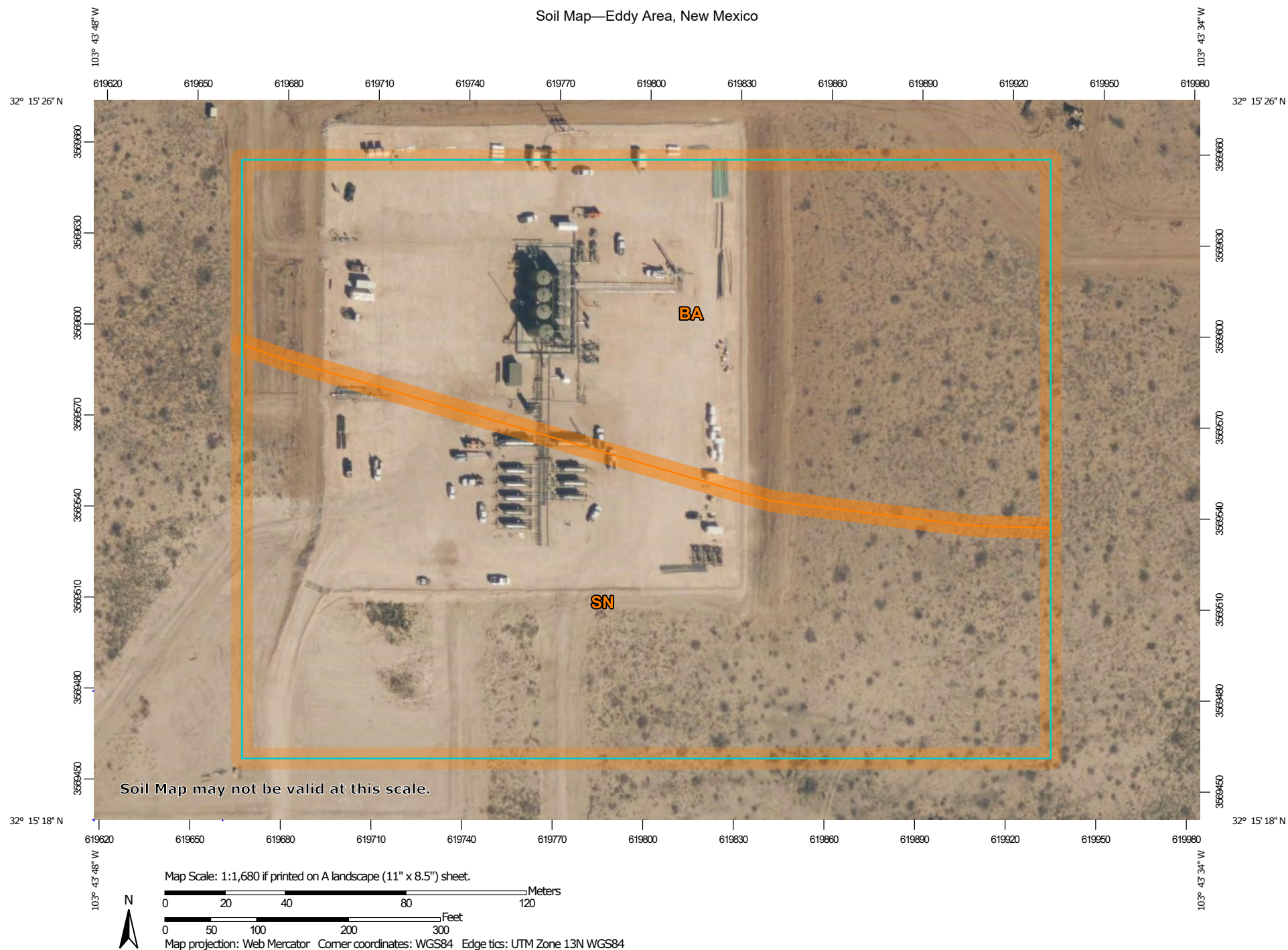
Dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

Soil Map—Eddy Area, New Mexico



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

5/21/2024
Page 1 of 3

Soil Map—Eddy Area, New Mexico


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

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

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



Map Unit Legend


Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BA	Berino loamy fine sand, 0 to 3 percent slopes	6.5	49.5%
SN	Simona and Wink fine sandy loams, 0 to 3 percent slopes, eroded	6.6	50.5%
Totals for Area of Interest		13.1	100.0%

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2501625164
Geologic Unit Map

Legend

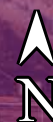
-  Eolian and piedmont deposits
-  Piedmont alluvial deposits

 Todd 36 CTB 3

Google Earth

Image © 2024 Airbus

4 mi



APPENDIX C

48-Hour Notification



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 429826

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 429826
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2501625164
Incident Name	NAPP2501625164 TODD 36 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123651847] TODD 36 CTB 3

Location of Release Source	
Site Name	TODD 36 CTB 3
Date Release Discovered	01/15/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,522
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	02/12/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Andrew Franco (806) 200-0054
Please provide any information necessary for navigation to sampling site	32.256350, -103.729001

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 429826

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 429826
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	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.	2/10/2025

APPENDIX D

Photographic Documentation



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

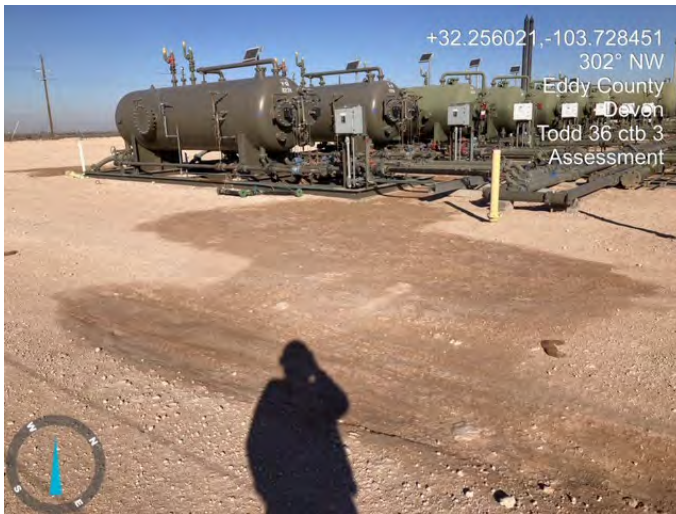
Initial Release



Devon Energy Production, LP
Todd 36 CTB 3



Assessment





Flagging/Marking



Devon Energy Production, LP
Todd 36 CTB 3

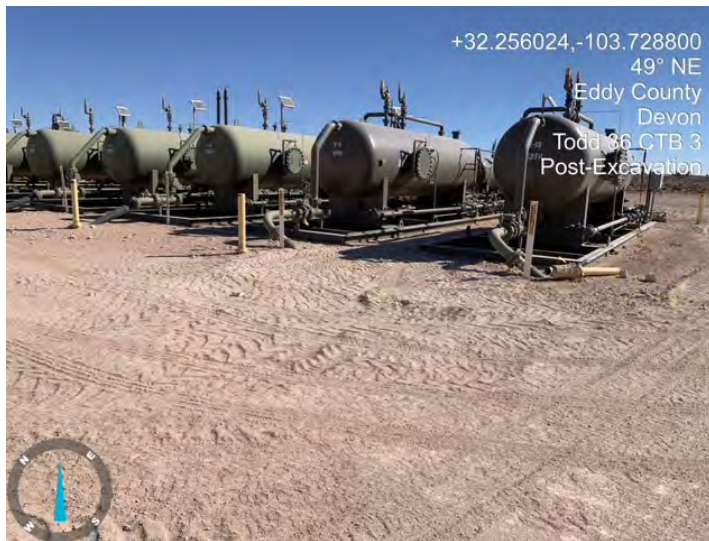


Excavation





Backfill



Devon Energy Production, LP
Todd 36 CTB 3



APPENDIX E

Laboratory Reports



Pima Environmental Services, LLC
5614 N Lovington Hwy, Hobbs, NM 88240
575-964-7740 | www.pimaoil.com

Todd 36 CTB 3 | nAPP2315623222

DEVON ENERGY PRODUCTION, LP.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E501160

Job Number: 01058-0007

Received: 1/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/28/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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.

Date Reported: 1/28/25



Tom Bynum
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 36 CTB 3
Workorder: E501160
Date Received: 1/23/2025 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2025 8:00:00AM, under the Project Name: Todd 36 CTB 3.

The analytical test results summarized in this report with the Project Name: Todd 36 CTB 3 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
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	01/28/25 17:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-Surface	E501160-01A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S1-1'	E501160-02A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S1-2'	E501160-03A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S1-3'	E501160-04A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S1-4'	E501160-05A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S2-Surface	E501160-06A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S2-1'	E501160-07A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S2-2'	E501160-08A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S2-3'	E501160-09A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S2-4'	E501160-10A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S3-Surface	E501160-11A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S3-1'	E501160-12A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S3-2'	E501160-13A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S3-3'	E501160-14A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S3-4'	E501160-15A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S4-Surface	E501160-16A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S4-1'	E501160-17A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S4-2'	E501160-18A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S4-3'	E501160-19A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
S4-4'	E501160-20A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	Reported: 1/28/2025 5:00:47PM

S1-Surface

E501160-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.7 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>		103 %	50-200	01/23/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	193	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S1-1'

E501160-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	78.9 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	3090	40.0	2	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S1-2'

E501160-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.7 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	102 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	229	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S1-3'

E501160-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.4 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	78.9	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S1-4'

E501160-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	78.6 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	73.4	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S2-Surface

E501160-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.4 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	3820	40.0	2	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S2-1'

E501160-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504101
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504109
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	98.8 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504124
Chloride	7050	100	5	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S2-2'

E501160-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.0 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	5930	100	5	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S2-3'

E501160-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504101
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.7 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2504101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.7 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504109
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504124
Chloride	278	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S2-4'

E501160-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.4 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	314	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S3-Surface

E501160-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	94.5 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	4370	40.0	2	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S3-1'

E501160-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.7 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	101 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	5050	40.0	2	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S3-2'

E501160-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	86.6 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.5 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>	101 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	2930	40.0	2	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S3-3'

E501160-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.9 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	98.4 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	186	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S3-4'

E501160-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	107 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	64.6	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S4-Surface

E501160-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	103 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	217	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S4-1'

E501160-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.0 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	303	20.0	1	01/24/25	01/25/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S4-2'

E501160-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.0 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	28.3	20.0	1	01/24/25	01/25/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S4-3'

E501160-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.2 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	39.0	20.0	1	01/24/25	01/25/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/28/2025 5:00:47PM

S4-4'

E501160-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2504101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2504109	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/25	01/25/25	
<i>Surrogate: n-Nonane</i>						
	104 %	50-200		01/23/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2504124	
Chloride	31.1	20.0	1	01/24/25	01/25/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/28/2025 5:00:47PM

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 (2504101-BLK1)

Prepared: 01/23/25 Analyzed: 01/25/25

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	6.44		8.00		80.5	70-130			

LCS (2504101-BS1)

Prepared: 01/23/25 Analyzed: 01/25/25

Benzene	5.18	0.0250	5.00		104	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.3	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	4.92	0.0250	5.00		98.4	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		99.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.73		8.00		84.2	70-130			

LCS Dup (2504101-BSD1)

Prepared: 01/23/25 Analyzed: 01/25/25

Benzene	5.05	0.0250	5.00		101	70-130	2.42	20	
Ethylbenzene	4.88	0.0250	5.00		97.6	70-130	1.73	20	
Toluene	4.99	0.0250	5.00		99.8	70-130	2.03	20	
o-Xylene	4.85	0.0250	5.00		97.0	70-130	1.43	20	
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130	1.34	20	
Total Xylenes	14.8	0.0250	15.0		98.6	70-130	1.37	20	
Surrogate: 4-Bromochlorobenzene-PID	6.76		8.00		84.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/28/2025 5:00:47PM

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 (2504101-BLK1) Prepared: 01/23/25 Analyzed: 01/25/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

LCS (2504101-BS2) Prepared: 01/23/25 Analyzed: 01/25/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

LCS Dup (2504101-BSD2) Prepared: 01/23/25 Analyzed: 01/25/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130	9.58	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/28/2025 5:00:47PM

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
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Blank (2504109-BLK1)					Prepared: 01/23/25 Analyzed: 01/27/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.7	50-200			

LCS (2504109-BS1)					Prepared: 01/23/25 Analyzed: 01/25/25				
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike (2504109-MS1)					Source: E501160-07		Prepared: 01/23/25 Analyzed: 01/25/25		
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.2	38-132			
Surrogate: n-Nonane	51.7		50.0		103	50-200			

Matrix Spike Dup (2504109-MSD1)					Source: E501160-07		Prepared: 01/23/25 Analyzed: 01/25/25		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	3.03	20	
Surrogate: n-Nonane	52.6		50.0		105	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/28/2025 5:00:47PM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2504124-BLK1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Chloride	ND	20.0							
LCS (2504124-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2504124-MS1)					Source: E501160-10		Prepared: 01/24/25 Analyzed: 01/24/25		
Chloride	554	20.0	250	314	95.7	80-120			
Matrix Spike Dup (2504124-MSD1)					Source: E501160-10		Prepared: 01/24/25 Analyzed: 01/24/25		
Chloride	572	20.0	250	314	103	80-120	3.28	20	

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

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Tom Bynum	01/28/25 17:00

- 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

Page 1 of 5

Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: <u>Devon</u>				Company: <u>Devon</u>				Lab WO# <u>E501100</u>				Job Number <u>1058007</u>				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1D</td><td>2D</td><td>3D</td><td>Std</td> </tr> <tr> <td></td><td></td><td></td><td style="text-align: center;">X</td> </tr> </table>				1D	2D	3D	Std				X	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>NM</td><td>CO</td><td>UT</td><td>TX</td> </tr> <tr> <td style="text-align: center;">X</td><td></td><td></td><td></td> </tr> </table>				NM	CO	UT	TX	X			
1D	2D	3D	Std																																				
			X																																				
NM	CO	UT	TX																																				
X																																							
Project Name: <u>Todd 36 CTB 3</u>				Address:																																			
Project Manager: <u>Tom Bynum</u>				City, State, Zip:																																			
Address: <u>5614 North Livingston Hwy</u>				Phone:																																			
City, State, Zip: <u>Hobbs, New Mexico 88240</u>				Email:																																			
Phone: <u>(580) 748-1613</u>				Miscellaneous: <u>1-380</u>																																			
Email: <u>Tom@pimaoil.com</u>																																							

Sample Information						Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA
8:35	1/21/25	S		S1-Surface		1						X						
8:39				S1-1'		2												
8:43				S1-2'		3												
8:49				S1-3'		4												
8:56				S1-4'		5												
8:59				S2-Surface		6												
9:08				S2-1'		7												
9:10				S2-2'		8												
9:13				S2-3'		9												
9:16				S2-4'		10												

Additional Instructions: WO# 21177975

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: _____

Relinquished by: (Signature) <u>Marisa Joya</u>	Date <u>1/21/25</u>	Time <u>2:30</u>	Received by: (Signature) <u>Karime Adams</u>	Date <u>1/22/25</u>	Time <u>8:39</u>
Relinquished by: (Signature) <u>Karime Adams</u>	Date <u>1/22/25</u>	Time <u>1:30</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>1/22/25</u>	Time <u>1330</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>1/22/25</u>	Time <u>1520</u>	Received by: (Signature) <u>Richard Gonzalez</u>	Date <u>1-22-25</u>	Time <u>1520</u>
Relinquished by: (Signature) <u>Richard Gonzalez</u>	Date <u>1-22-25</u>	Time <u>2330</u>	Received by: (Signature) <u>Carla Mon</u>	Date <u>1/23/25</u>	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.



envirotech

envirotech

Envirotech Analytical Laboratory

Printed: 1/23/2025 9:12:13AM

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:	Devon Energy - Carlsbad	Date Received:	01/23/25 08:00	Work Order ID:	E501160
Phone:	(575) 748-0176	Date Logged In:	01/22/25 14:54	Logged In By:	Caitlin Mars
Email:		Due Date:	01/29/25 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? No
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: CourierSample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? No

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 InstructionComments/Resolution

Project Todd 36 CTB 3 has been separated into 2 reports due to sample volume. WOs are E501160 & E501161. Sampled by and no of containers not provided on COC.

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

Date



envirotech Inc.

Report to:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E501161

Job Number: 01058-0007

Received: 1/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/29/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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.

Date Reported: 1/29/25



Tom Bynum
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Todd 36 CTB 3
Workorder: E501161
Date Received: 1/23/2025 8:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/23/2025 8:00:00AM, under the Project Name: Todd 36 CTB 3.

The analytical test results summarized in this report with the Project Name: Todd 36 CTB 3 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

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	01/29/25 10:03

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1-Surface	E501161-01A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW1-1'	E501161-02A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW1-2'	E501161-03A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW1-3'	E501161-04A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW1-4'	E501161-05A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW2-Surface	E501161-06A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW2-1'	E501161-07A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW2-2'	E501161-08A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW2-3'	E501161-09A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW2-4'	E501161-10A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW3-Surface	E501161-11A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW3-1'	E501161-12A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW3-2'	E501161-13A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW3-3'	E501161-14A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW3-4'	E501161-15A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW4-Surface	E501161-16A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW4-1'	E501161-17A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW4-2'	E501161-18A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW4-3'	E501161-19A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW4-4'	E501161-20A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW5-Surface	E501161-21A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW5-1'	E501161-22A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW5-2'	E501161-23A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW5-3'	E501161-24A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
SW5-4'	E501161-25A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BG1-1'	E501161-26A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.
BG2-1'	E501161-27A	Soil	01/21/25	01/23/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW1-Surface

E501161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	01/23/25	01/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/23/25	01/24/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	01/23/25	01/24/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	01/23/25	01/24/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
<i>Surrogate: n-Nonane</i>		103 %	50-200	01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW1-1'

E501161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	97.9 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	97.9 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	103 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW1-2'

E501161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.9 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	97.8 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW1-3'

E501161-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	97.0 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	97.0 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	99.1 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW1-4'

E501161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	101 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	94.9 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	101 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	105 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW2-Surface

E501161-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	99.8 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW2-1'

E501161-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	95.2 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	95.2 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	105 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW2-2'

E501161-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	97.9 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW2-3'

E501161-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	98.8 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	98.8 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.4 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	104 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW2-4'

E501161-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.0 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	96.0 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	106 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW3-Surface

E501161-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	112 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW3-1'

E501161-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	95.8 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	95.8 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	101 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW3-2'

E501161-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/24/25	
Toluene	ND	0.0250	1	01/23/25	01/24/25	
o-Xylene	ND	0.0250	1	01/23/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/24/25	
Surrogate: Bromofluorobenzene	99.1 %	70-130		01/23/25	01/24/25	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		01/23/25	01/24/25	
Surrogate: Toluene-d8	102 %	70-130		01/23/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	101 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW3-3'

E501161-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	95.9 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	95.9 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	100 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/27/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW3-4'

E501161-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	96.1 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	96.1 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	98.3 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW4-Surface

E501161-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	99.6 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	99.6 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	102 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW4-1'

E501161-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	105 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW4-2'

E501161-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	96.3 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	98.3 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW4-3'

E501161-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	104 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	101 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW4-4'

E501161-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Benzene	ND	0.0250	1	01/23/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/23/25	01/25/25	
Toluene	ND	0.0250	1	01/23/25	01/25/25	
o-Xylene	ND	0.0250	1	01/23/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/23/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504103
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/23/25	01/25/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		01/23/25	01/25/25	
Surrogate: 1,2-Dichloroethane-d4	97.9 %	70-130		01/23/25	01/25/25	
Surrogate: Toluene-d8	103 %	70-130		01/23/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2504113
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/25/25	
Surrogate: n-Nonane	100 %	50-200		01/24/25	01/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505003
Chloride	ND	20.0	1	01/27/25	01/28/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW5-Surface

E501161-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	95.3 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	95.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	95.3 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505049
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/28/25	
Oil Range Organics (C28-C36)	98.2	50.0	1	01/24/25	01/28/25	
Surrogate: n-Nonane	110 %	50-200		01/24/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW5-1'

E501161-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	94.8 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	105 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	94.8 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505049
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/28/25	
Surrogate: n-Nonane	111 %	50-200		01/24/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW5-2'

E501161-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	95.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	95.9 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505049
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/28/25	
Surrogate: n-Nonane	110 %	50-200		01/24/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW5-3'

E501161-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.6 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	97.2 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505049
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/28/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/28/25	
Surrogate: n-Nonane	99.9 %	50-200		01/24/25	01/28/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

SW5-4'

E501161-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	96.2 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	96.2 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	104 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

BG1-1'

E501161-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	96.5 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	96.5 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	104 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
1/29/2025 10:03:42AM

BG2-1'

E501161-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Benzene	ND	0.0250	1	01/24/25	01/26/25	
Ethylbenzene	ND	0.0250	1	01/24/25	01/26/25	
Toluene	ND	0.0250	1	01/24/25	01/26/25	
o-Xylene	ND	0.0250	1	01/24/25	01/26/25	
p,m-Xylene	ND	0.0500	1	01/24/25	01/26/25	
Total Xylenes	ND	0.0250	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.4 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	95.5 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2504117
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/24/25	01/26/25	
Surrogate: Bromofluorobenzene	96.4 %	70-130		01/24/25	01/26/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/24/25	01/26/25	
Surrogate: Toluene-d8	95.5 %	70-130		01/24/25	01/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2504125
Diesel Range Organics (C10-C28)	ND	25.0	1	01/24/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/24/25	01/24/25	
Surrogate: n-Nonane	110 %	50-200		01/24/25	01/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2504123
Chloride	ND	20.0	1	01/24/25	01/24/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

Volatile Organic Compounds by EPA 8260B

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 (2504103-BLK1)

Prepared: 01/23/25 Analyzed: 01/24/25

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: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS (2504103-BS1)

Prepared: 01/23/25 Analyzed: 01/24/25

Benzene	2.34	0.0250	2.50		93.6	70-130			
Ethylbenzene	2.38	0.0250	2.50		95.3	70-130			
Toluene	2.33	0.0250	2.50		93.3	70-130			
o-Xylene	2.41	0.0250	2.50		96.5	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.16	0.0250	7.50		95.5	70-130			
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			

LCS Dup (2504103-BSD1)

Prepared: 01/23/25 Analyzed: 01/24/25

Benzene	2.34	0.0250	2.50		93.5	70-130	0.150	23	
Ethylbenzene	2.37	0.0250	2.50		94.8	70-130	0.568	27	
Toluene	2.33	0.0250	2.50		93.0	70-130	0.279	24	
o-Xylene	2.45	0.0250	2.50		97.9	70-130	1.40	27	
p,m-Xylene	4.83	0.0500	5.00		96.5	70-130	1.60	27	
Total Xylenes	7.27	0.0250	7.50		97.0	70-130	1.53	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.528		0.500		106	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

Volatile Organic Compounds by EPA 8260B

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 (2504117-BLK1)

Prepared: 01/24/25 Analyzed: 01/26/25

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: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2504117-BS1)

Prepared: 01/24/25 Analyzed: 01/26/25

Benzene	2.68	0.0250	2.50		107	70-130			
Ethylbenzene	2.43	0.0250	2.50		97.1	70-130			
Toluene	2.43	0.0250	2.50		97.3	70-130			
o-Xylene	2.31	0.0250	2.50		92.4	70-130			
p,m-Xylene	4.65	0.0500	5.00		93.1	70-130			
Total Xylenes	6.96	0.0250	7.50		92.8	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

LCS Dup (2504117-BSD1)

Prepared: 01/24/25 Analyzed: 01/26/25

Benzene	2.68	0.0250	2.50		107	70-130	0.0561	23	
Ethylbenzene	2.43	0.0250	2.50		97.3	70-130	0.165	27	
Toluene	2.42	0.0250	2.50		96.8	70-130	0.556	24	
o-Xylene	2.29	0.0250	2.50		91.5	70-130	1.02	27	
p,m-Xylene	4.58	0.0500	5.00		91.6	70-130	1.54	27	
Total Xylenes	6.87	0.0250	7.50		91.6	70-130	1.37	27	
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.472		0.500		94.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

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 (2504103-BLK1)

Prepared: 01/23/25 Analyzed: 01/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

LCS (2504103-BS2)

Prepared: 01/23/25 Analyzed: 01/24/25

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS Dup (2504103-BSD2)

Prepared: 01/23/25 Analyzed: 01/24/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0		102	70-130	4.84	20	
Surrogate: Bromofluorobenzene	0.497		0.500		99.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.519		0.500		104	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

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 (2504117-BLK1)

Prepared: 01/24/25 Analyzed: 01/26/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			

LCS (2504117-BS2)

Prepared: 01/24/25 Analyzed: 01/26/25

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

LCS Dup (2504117-BSD2)

Prepared: 01/24/25 Analyzed: 01/26/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130	0.397	20	
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.521		0.500		104	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

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
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Blank (2504113-BLK1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.8	50-200			

LCS (2504113-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	242	25.0	250		96.9	38-132			
Surrogate: n-Nonane	49.3		50.0		98.5	50-200			

Matrix Spike (2504113-MS1)					Source: E501161-13		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike Dup (2504113-MSD1)					Source: E501161-13		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	38-132	5.38	20	
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

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 (2504125-BLK1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.3		50.0		125	50-200			

LCS (2504125-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Diesel Range Organics (C10-C28)	278	25.0	250		111	38-132			
Surrogate: n-Nonane	52.6		50.0		105	50-200			

Matrix Spike (2504125-MS1)					Source: E501170-01		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Matrix Spike Dup (2504125-MSD1)					Source: E501170-01		Prepared: 01/24/25 Analyzed: 01/24/25		
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	38-132	0.656	20	
Surrogate: n-Nonane	53.9		50.0		108	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

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
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Blank (2505049-BLK1)					Prepared: 01/28/25 Analyzed: 01/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.1		50.0		110	50-200			

LCS (2505049-BS1)					Prepared: 01/28/25 Analyzed: 01/28/25				
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	53.0		50.0		106	50-200			

Matrix Spike (2505049-MS1)					Source: E501201-01		Prepared: 01/28/25 Analyzed: 01/28/25		
Diesel Range Organics (C10-C28)	2840	50.0	250	2420	169	38-132			M4
Surrogate: n-Nonane	56.8		50.0		114	50-200			

Matrix Spike Dup (2505049-MSD1)					Source: E501201-01		Prepared: 01/28/25 Analyzed: 01/28/25		
Diesel Range Organics (C10-C28)	3020	50.0	250	2420	240	38-132	6.03	20	M4
Surrogate: n-Nonane	54.3		50.0		109	50-200			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2504123-BLK1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Chloride	ND	20.0							
LCS (2504123-BS1)					Prepared: 01/24/25 Analyzed: 01/24/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2504123-MS1)					Source: E501152-02		Prepared: 01/24/25 Analyzed: 01/24/25		
Chloride	561	100	250	302	103	80-120			
Matrix Spike Dup (2504123-MSD1)					Source: E501152-02		Prepared: 01/24/25 Analyzed: 01/24/25		
Chloride	544	100	250	302	96.6	80-120	3.08	20	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Tom Bynum	1/29/2025 10:03:42AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2505003-BLK1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	ND	20.0							
LCS (2505003-BS1)					Prepared: 01/27/25 Analyzed: 01/27/25				
Chloride	261	20.0	250		105	90-110			
Matrix Spike (2505003-MS1)					Source: E501161-08		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2505003-MSD1)					Source: E501161-08		Prepared: 01/27/25 Analyzed: 01/27/25		
Chloride	259	20.0	250	ND	104	80-120	0.153	20	

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

Devon Energy - Carlsbad	Project Name:	Todd 36 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Tom Bynum	01/29/25 10:03

- 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

Page 3 of 5

Client Information				Invoice Information		Lab Use Only		TAT		State																																																																																
Client: <u>Devon</u> Project Name: <u>TDH 36 CT B 3</u> Project Manager: <u>TOM Bynum</u> Address: <u>5614 North Lovington Hwy</u> City, State, Zip: <u>Hobbs, New Mexico 88240</u> Phone: <u>(505) 748-1613</u> Email: <u>Tom@pimaoil.com</u>				Company: <u>Devon</u> Address: _____ City, State, Zip: _____ Phone: _____ Email: _____ Miscellaneous: <u>1-380</u>		Lab WO# <u>E501161</u> Job Number <u>0058007</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"/>																																																																																		
Analysis and Method										EPA Program																																																																																
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg		SDWA	CWA	RCRA																																																																														
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Time Sampled</th> <th>Date Sampled</th> <th>Matrix</th> <th>No. of Containers</th> <th>Sample ID</th> <th>Field Filter</th> <th>Lab Number</th> </tr> </thead> <tbody> <tr><td>10:20</td><td>1/21/25</td><td>S</td><td></td><td>SW1-Surface</td><td></td><td>1</td></tr> <tr><td>10:23</td><td></td><td></td><td></td><td>SW1-1'</td><td></td><td>2</td></tr> <tr><td>10:27</td><td></td><td></td><td></td><td>SW1-2'</td><td></td><td>3</td></tr> <tr><td>10:29</td><td></td><td></td><td></td><td>SW1-3'</td><td></td><td>4</td></tr> <tr><td>10:32</td><td></td><td></td><td></td><td>SW1-4'</td><td></td><td>5</td></tr> <tr><td>10:34</td><td></td><td></td><td></td><td>SW2-Surface</td><td></td><td>6</td></tr> <tr><td>10:36</td><td></td><td></td><td></td><td>SW2-1'</td><td></td><td>7</td></tr> <tr><td>10:38</td><td></td><td></td><td></td><td>SW2-2'</td><td></td><td>8</td></tr> <tr><td>10:40</td><td></td><td></td><td></td><td>SW2-3'</td><td></td><td>9</td></tr> <tr><td>10:45</td><td></td><td></td><td></td><td>SW2-4'</td><td></td><td>10</td></tr> </tbody> </table>														Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	10:20	1/21/25	S		SW1-Surface		1	10:23				SW1-1'		2	10:27				SW1-2'		3	10:29				SW1-3'		4	10:32				SW1-4'		5	10:34				SW2-Surface		6	10:36				SW2-1'		7	10:38				SW2-2'		8	10:40				SW2-3'		9	10:45				SW2-4'		10
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number																																																																																				
10:20	1/21/25	S		SW1-Surface		1																																																																																				
10:23				SW1-1'		2																																																																																				
10:27				SW1-2'		3																																																																																				
10:29				SW1-3'		4																																																																																				
10:32				SW1-4'		5																																																																																				
10:34				SW2-Surface		6																																																																																				
10:36				SW2-1'		7																																																																																				
10:38				SW2-2'		8																																																																																				
10:40				SW2-3'		9																																																																																				
10:45				SW2-4'		10																																																																																				
Additional Instructions: <u>WO# 21177975</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: _____																																																																																										
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Chain of Custody

Page 4 of 5

Client Information					Invoice Information		Lab Use Only		TAT				State			
Client: <u>Devon</u>					Company: <u>Devon</u>		Lab WO# <u>E501161</u> Job Number <u>9058-0007</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>Todd 36 CTB 3</u>					Address:								<input checked="" type="checkbox"/>			
Project Manager: <u>Tom Bynum</u>					City, State, Zip:											
Address: <u>5614 North Lovington Hwy</u>					Phone:											
City, State, Zip: <u>Hobbs, New Mexico 88240</u>					Email:											
Phone: <u>(580) 748-1613</u>					Miscellaneous: <u>1-380</u>											
Email: <u>Toma@Pima-Gil.com</u>																

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCED 1005 - TX	RCRA 8 Metals	Calium/Antion Pig	SDWA	CWA	RCRA	
10:49	1/21/25	S		SW3-Surface		11						X							
10:51				SW3-1'		12													
10:55				SW3-2'		13													
10:54				SW3-3'		14													
11:06				SW3-4'		15													
11:10				SW4-Surface		16													
11:16				SW4-1'		17													
11:19				SW4-2'		18													
11:20				SW4-3'		19													
11:25				SW4-4'		20													

Additional Instructions: WO# 21177975

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: _____

Relinquished by: (Signature) <u>Marissa Jova</u>	Date <u>1/21/25</u>	Time <u>2:30</u>	Received by: (Signature) <u>Karime Hame</u>	Date <u>1/22/25</u>	Time <u>8:39</u>
Relinquished by: (Signature) <u>Karime Hame</u>	Date <u>1/22/25</u>	Time <u>1:30</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>1-22-25</u>	Time <u>1330</u>
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>1-22-25</u>	Time <u>1520</u>	Received by: (Signature) <u>Richard Gonzalez</u>	Date <u>1-22-25</u>	Time <u>1520</u>
Relinquished by: (Signature) <u>Richard Gonzalez</u>	Date <u>1-22-25</u>	Time <u>2130</u>	Received by: (Signature) <u>Caitlin Mann</u>	Date <u>1-23-25</u>	Time <u>800</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.


envirotech

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: <u>Devon</u>				Company: <u>Devon</u>		Lab WO# <u>E</u>		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: <u>Tad 36 CTB 3</u>				Address:									X	X					
Project Manager: <u>Tom Pynum</u>				City, State, Zip:															
Address: <u>5614 North Lovington Hwy</u>				Phone:															
City, State, Zip: <u>Hobbs New Mexico 88240</u>				Email:															
Phone: <u>(505) 748-1613</u>				Miscellaneous: <u>1-380</u>															
Email: <u>Tom@pimaoil.com</u>																			
Sample Information						Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BCDOC - NM	TCEQ 1005 + TX	RCRA 8 Metals	Cation/Anion Pkg	SDWA	CWA	RCRA	
11:30	1/21/25	S		SW5 - Surface		21						X							
11:33				SW5-1'		22													
11:36				SW5-2'		23													
11:40				SW5-3'		24													
11:45				SW5-4'		25													
11:49				BC1-1'		26													
				BC2-1'		27													
Additional Instructions: <u>WO# 21177975</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: _____																			
Relinquished by: (Signature) <u>Mansa Jola</u>		Date: 1/21/25	Time: 2:30	Received by: (Signature) <u>Larime Abene</u>		Date: 1/22/25	Time: 8:39	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>											
Relinquished by: (Signature) <u>Larime Abene</u>		Date: 1/22/25	Time: 1:30	Received by: (Signature) <u>Michelle Gonzales</u>		Date: 1-22-25	Time: 1330												
Relinquished by: (Signature) <u>Michelle Gonzales</u>		Date: 1-22-25	Time: 1520	Received by: (Signature) <u>Richard Gonzalez</u>		Date: 1-22-25	Time: 1520												
Relinquished by: (Signature) <u>Richard Gonzalez</u>		Date: 1-22-25	Time: 2130	Received by: (Signature) <u>Critty Man</u>		Date: 1-23-25	Time: 800												
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.																			

Envirotech Analytical Laboratory

Printed: 1/23/2025 3:45:04PM

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:	Devon Energy - Carlsbad	Date Received:	01/23/25 08:00	Work Order ID:	E501161
Phone:	(575) 748-0176	Date Logged In:	01/22/25 15:03	Logged In By:	Caitlin Mars
Email:		Due Date:	01/29/25 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? No
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
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: CourierSample 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? No

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 InstructionComments/Resolution

Project Todd 36 CTB 3 has been separated into 2 reports due to sample volume. WOs are E501160 & E501161. Sampled by and no of containers not provided on COC. Time sampled not provided on COC for sample #27. Received duplicate sample for SW3-3.

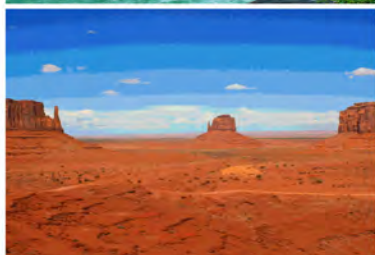
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Tom Bynum



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E502110

Job Number: 01058-0007

Received: 2/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/25

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.

Date Reported: 2/14/25

Tom Bynum
PO Box 247
Plains, TX 79355-0247



Project Name: Todd 36 CTB 3
Workorder: E502110
Date Received: 2/14/2025 5:00:21AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/14/2025 5:00:21AM, under the Project Name: Todd 36 CTB 3.

The analytical test results summarized in this report with the Project Name: Todd 36 CTB 3 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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Cell: 505-320-4759
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Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 02/14/25 14:34
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
1-10"	E502110-01A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
2-10"	E502110-02A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
3-10"	E502110-03A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
4-10"	E502110-04A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
5-10"	E502110-05A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
6-10"	E502110-06A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
7-10"	E502110-07A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
8-10"	E502110-08A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
W1-10"	E502110-09A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
W2-10"	E502110-10A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
W3-10"	E502110-11A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
W4-10"	E502110-12A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.
W5-10"	E502110-13A	Soil	02/12/25	02/14/25	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

1-10"

E502110-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.0 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	2250	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

2-10"

E502110-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.6 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	3780	40.0	2	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

3-10"

E502110-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	6700	100	5	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

4-10"

E502110-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.1 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.4 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	1750	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

5-10"

E502110-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	2000	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

6-10"

E502110-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.3 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	1760	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

7-10"

E502110-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.5 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	3510	40.0	2	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

8-10"

E502110-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	3660	40.0	2	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

W1-10"

E502110-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	115 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	573	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

W2-10"

E502110-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.0 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	82.8 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	1050	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

W3-10"

E502110-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.3 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	115 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	953	20.0	1	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

W4-10"

E502110-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.3 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.2 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: AF		Batch: 2507105	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507104	
Chloride	3240	40.0	2	02/14/25	02/14/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/14/2025 2:34:21PM

W5-10"

E502110-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Benzene	ND	0.0250	1	02/14/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/14/25	02/14/25	
Toluene	ND	0.0250	1	02/14/25	02/14/25	
o-Xylene	ND	0.0250	1	02/14/25	02/14/25	
p,m-Xylene	ND	0.0500	1	02/14/25	02/14/25	
Total Xylenes	ND	0.0250	1	02/14/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507100
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/14/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.7 %	70-130		02/14/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2507105
Diesel Range Organics (C10-C28)	ND	25.0	1	02/14/25	02/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/14/25	02/14/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		02/14/25	02/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507104
Chloride	770	20.0	1	02/14/25	02/14/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/14/2025 2:34:21PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2507100-BLK1)

Prepared: 02/14/25 Analyzed: 02/14/25

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	6.99		8.00		87.3	70-130			

LCS (2507100-BS1)

Prepared: 02/14/25 Analyzed: 02/14/25

Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.15	0.0250	5.00		103	70-130			
Toluene	5.26	0.0250	5.00		105	70-130			
o-Xylene	5.14	0.0250	5.00		103	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			

LCS Dup (2507100-BSD1)

Prepared: 02/14/25 Analyzed: 02/14/25

Benzene	4.82	0.0250	5.00		96.3	70-130	9.66	20	
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130	10.2	20	
Toluene	4.76	0.0250	5.00		95.2	70-130	9.98	20	
o-Xylene	4.70	0.0250	5.00		93.9	70-130	8.99	20	
p,m-Xylene	9.45	0.0500	10.0		94.5	70-130	10.2	20	
Total Xylenes	14.1	0.0250	15.0		94.3	70-130	9.78	20	
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.8	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/14/2025 2:34:21PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2507100-BLK1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2507100-BS2)					Prepared: 02/14/25 Analyzed: 02/14/25				
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			

LCS Dup (2507100-BSD2)					Prepared: 02/14/25 Analyzed: 02/14/25				
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0		86.7	70-130	5.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2025 2:34:21PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2507105-BLK1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	61-141			

LCS (2507105-BS1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	55.3		50.0		111	61-141			

LCS Dup (2507105-BSD1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Diesel Range Organics (C10-C28)	269	25.0	250		108	66-144	0.376	20	
Surrogate: n-Nonane	55.9		50.0		112	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2025 2:34:21PM

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
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Blank (2507104-BLK1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Chloride	ND	20.0							
LCS (2507104-BS1)					Prepared: 02/14/25 Analyzed: 02/14/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2507104-MS1)					Source: E502110-01		Prepared: 02/14/25 Analyzed: 02/14/25		
Chloride	2460	20.0	250	2250	86.6	80-120			
Matrix Spike Dup (2507104-MSD1)					Source: E502110-01		Prepared: 02/14/25 Analyzed: 02/14/25		
Chloride	2550	20.0	250	2250	121	80-120	3.40	20	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

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/14/25 14:34

- 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

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Pima Environmental Services, LLC				Company: Devon Energy		Lab WO#		Job Number				1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Todd 36 CTB 3				Address:		E 502110		01058-0007				X				X			
Project Manager: Tom Bynum				City, State, Zip:															
Address: 5614 N Lovington Hwy				Phone:															
City, State, Zip: Hobbs, NM 88240				Email:															
Phone: (580)748-1613				Miscellaneous: Project No. # 1-380															
Email: Tom@pimaoil.com																			
Sample Information										Analysis and Method						EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	AgDOC - NM	TCCQ 1005 - TX	RCRA 8 Metals	Carbon/Amion Pkg	SDWA	CWA	RCRA	
8:00	2/12/2025	S		1-10"		1						X							
8:08				2-10"		2													
8:11				3-10"		3													
8:17				4-10"		4													
8:22				5-10"		5													
8:28				6-10"		6													
8:32				7-10"		7													
8:38				8-10"		8													
8:43				W1-10"		9													
8:49				W2-10"		10													
Additional Instructions: BILLING- 21489381																			
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: Andrew Franco																			
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 in ice at an avg temp above 0 but less than 6 oC on subsequent days. Lab Use Only Received on ice: Y / N T1 _____ T2 _____ T3 _____ AVG Temp oC 4											
Andrew Franco		2/12/25	8:00	Karime Adame		2/13/25	8:35												
Karime Adame		2/13/25	11:11	Michelle Gonzales		2-13-25	1111												
Michelle Gonzales		2-13-25	1730	J.H.		2-13-25	1230												
J.H.		2-13-25	2400	Kueper N Heeler		2-14-25	0500												
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.																			

Released to Imaging: 5/7/2025 1:44:32 PM

Envirotech Analytical Laboratory

Printed: 2/14/2025 10:17:14AM

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:	Pima Environmental Services-Carlsbad	Date Received:	02/14/25 05:00	Work Order ID:	E502110
Phone:	(575) 631-6977	Date Logged In:	02/13/25 14:48	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	02/14/25 17:00 (0 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? No
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: CourierComments/Resolution

No of containers not provided 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? No

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:
Tom Bynum



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Todd 36 CTB 3

Work Order: E502176

Job Number: 01058-0007

Received: 2/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/20/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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.

Date Reported: 2/20/25



Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Todd 36 CTB 3
Workorder: E502176
Date Received: 2/20/2025 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/20/2025 5:00:00AM, under the Project Name: Todd 36 CTB 3.

The analytical test results summarized in this report with the Project Name: Todd 36 CTB 3 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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 02/20/25 15:22
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BACKFILL 1	E502176-01A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.
BACKFILL 2	E502176-02A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.
BACKFILL 3	E502176-03A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.
BACKFILL 4	E502176-04A	Soil	02/13/25	02/20/25	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 1

E502176-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	78.3 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.4 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2508086	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2508081	
Chloride	ND	20.0	1	02/19/25	02/20/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 2

E502176-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	79.0 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2508080	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.9 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2508086	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>	108 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2508081	
Chloride	ND	20.0	1	02/19/25	02/20/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 3

E502176-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	



Sample Data

Pima Environmental Services-Carlsbad
PO Box 247
Plains TX, 79355-0247

Project Name: Todd 36 CTB 3
Project Number: 01058-0007
Project Manager: Tom Bynum

Reported:
2/20/2025 3:22:43PM

BACKFILL 4

E502176-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508080
Benzene	ND	0.0250	1	02/19/25	02/20/25	
Ethylbenzene	ND	0.0250	1	02/19/25	02/20/25	
Toluene	ND	0.0250	1	02/19/25	02/20/25	
o-Xylene	ND	0.0250	1	02/19/25	02/20/25	
p,m-Xylene	ND	0.0500	1	02/19/25	02/20/25	
Total Xylenes	ND	0.0250	1	02/19/25	02/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2508080
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/19/25	02/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.5 %	70-130		02/19/25	02/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2508086
Diesel Range Organics (C10-C28)	ND	25.0	1	02/20/25	02/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/20/25	02/20/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		02/20/25	02/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2508081
Chloride	ND	20.0	1	02/19/25	02/20/25	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/20/2025 3:22:43PM

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 (2508080-BLK1)

Prepared: 02/19/25 Analyzed: 02/19/25

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	6.81		8.00		85.1	70-130			

LCS (2508080-BS1)

Prepared: 02/19/25 Analyzed: 02/19/25

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.87	0.0250	5.00		97.5	70-130			
Toluene	5.00	0.0250	5.00		99.9	70-130			
o-Xylene	4.89	0.0250	5.00		97.7	70-130			
p,m-Xylene	9.90	0.0500	10.0		99.0	70-130			
Total Xylenes	14.8	0.0250	15.0		98.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			

LCS Dup (2508080-BSD1)

Prepared: 02/19/25 Analyzed: 02/19/25

Benzene	5.15	0.0250	5.00		103	70-130	1.30	20	
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130	1.27	20	
Toluene	5.06	0.0250	5.00		101	70-130	1.32	20	
o-Xylene	4.94	0.0250	5.00		98.8	70-130	1.03	20	
p,m-Xylene	10.0	0.0500	10.0		100	70-130	1.19	20	
Total Xylenes	15.0	0.0250	15.0		99.7	70-130	1.14	20	
Surrogate: 4-Bromochlorobenzene-PID	6.83		8.00		85.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported: 2/20/2025 3:22:43PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2508080-BLK1) Prepared: 02/19/25 Analyzed: 02/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			

LCS (2508080-BS2) Prepared: 02/19/25 Analyzed: 02/19/25

Gasoline Range Organics (C6-C10)	37.7	20.0	50.0		75.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	70-130			

LCS Dup (2508080-BSD2) Prepared: 02/19/25 Analyzed: 02/19/25

Gasoline Range Organics (C6-C10)	38.3	20.0	50.0		76.6	70-130	1.53	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/20/2025 3:22:43PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2508086-BLK1)					Prepared: 02/20/25 Analyzed: 02/20/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			

LCS (2508086-BS1)					Prepared: 02/20/25 Analyzed: 02/20/25				
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	47.0		50.0		94.0	61-141			

LCS Dup (2508086-BSD1)					Prepared: 02/20/25 Analyzed: 02/20/25				
Diesel Range Organics (C10-C28)	259	25.0	250		103	66-144	1.55	20	
Surrogate: n-Nonane	47.8		50.0		95.7	61-141			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/20/2025 3:22:43PM

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
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Blank (2508081-BLK1)					Prepared: 02/19/25 Analyzed: 02/19/25				
Chloride	ND	20.0							
LCS (2508081-BS1)					Prepared: 02/19/25 Analyzed: 02/19/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2508081-MS1)					Source: E502175-02		Prepared: 02/19/25 Analyzed: 02/19/25		
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2508081-MSD1)					Source: E502175-02		Prepared: 02/19/25 Analyzed: 02/19/25		
Chloride	269	20.0	250	ND	107	80-120	0.262	20	

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

Pima Environmental Services-Carlsbad	Project Name:	Todd 36 CTB 3	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/20/25 15:22

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.



Released to Imaging: 5/7/2025 1:44:32 PM

Released to Imaging: 5/7/2025 1:44:32 PM

Envirotech Analytical Laboratory

Printed: 2/20/2025 8:40:11AM

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:	Pima Environmental Services-Carlsbad	Date Received:	02/20/25 05:00	Work Order ID:	E502176
Phone:	(575) 631-6977	Date Logged In:	02/19/25 14:37	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	02/20/25 17:00 (0 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? No
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: CourierComments/Resolution

No of containers not provided 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? No

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.

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Phone: (505) 476-3441

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

QUESTIONS

Action 435546

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2501625164
Incident Name	NAPP2501625164 TODD 36 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123651847] TODD 36 CTB 3

Location of Release Source

Please answer all the questions in this group.

Site Name	TODD 36 CTB 3
Date Release Discovered	01/15/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

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.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 6 BBL Recovered: 3 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Leak from water dump line discovered on Todd 717H treater. Approx. 6 bbls impacted pad surface.

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QUESTIONS, Page 2

Action 435546

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 02/28/2025
----------------------------------------------------	-----------------------------------------------------------------------------------------------

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QUESTIONS, Page 3

Action 435546

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	7050
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	98
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/07/2025
On what date will (or did) the final sampling or liner inspection occur	02/12/2025
On what date will (or was) the remediation complete(d)	02/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1522
What is the estimated volume (in cubic yards) that will be remediated	47
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 435546

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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@dmv.com Date: 02/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 435546

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 435546

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	429826
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/12/2025
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1522

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1522
What was the total volume (cubic yards) remediated	47
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	DTGW is >100', release area is all on pad surface

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 02/28/2025
----------------------------------------------------	----------------------------------------------------------------------------------------------

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QUESTIONS, Page 7

Action 435546

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 435546

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435546
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2501625164 TODD 36 CTB 3, thank you. This Remediation Closure Report is approved.	5/7/2025