TODD 36 CTB 3

Incident ID nAPP2315623222

PREPARED BY:
PIMA ENVIRONMENTAL SERVICES, LLC

PREPARED FOR:
DEVON ENERGY PRODUCTION CO, LP

Remediation Work Plan

December 3, 2024

Pima Environmental Services, LLC
5614 N Lovington Hwy
Hobbs, NM 88240

NMOCD District 2
811 S. First Street
Artesia, NM 88210

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

Re: Site Characteristic and Remediation Plan Report
Todd 36 CTB 3
Facility ID fAPP2123651847
NMOCD Incident ID nAPP2315623222
ULSTR – D – 36 – 23S – 31E 1074 FSL 1725 FEL Eddy County, NM
GPS Coordinates: Latitude 32.26694 Longitude -103.739066

This produced water release was discovered by the operator on June 4, 2023. The initial notification of release was submitted and approved on June 5, 2023 (OCD Online: Permitting – Application ID 223595). The initial C-141 form was submitted and approved on June 15, 2023 (OCD Online: Permitting – Application ID 228705). This incident was assigned Incident ID nAPP2315623222 by the New Mexico Oil Conservation Division (NMOCD).

Release Information

nAPP2315623222: On June 4, 2023, A pin hole leak developed on a water line, causing a fluid to be released. The released fluids were calculated to be approximately 10.2 barrels (bbls) of produced water. A vacuum truck was able to recover 9 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 D, Section 36, Township 23S, Range 31E, Latitude 32.26694 Longitude -103.739066, 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). 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. The closure criteria for this area will be classified under the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC due to the release area being entirely on the engineered pad surface.

Site Assessment and Delineation Activities

On June 5, 2023, Pima Environmental mobilized personnel to the site to collect soil samples from within and around the edges of the release area for vertical and horizontal delineation. Twelve (12) discrete samples from 3 different sample points within the release area were collected for vertical delineation. These samples were collected from depths of 1', 2', 3', and 4' bgs. Four (4) discrete samples from 4 different sample points were collected from around the edges of the release area for horizontal delineation. These samples were collected from depths of 6" bgs. One (1) sample was collected from the pasture as a background sample, from a depth of 6" 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 Site Map 2023 can be seen in Figure 4. The lab sample results can be found among the Data Tables in Figure 5.

On September 7, 2023, a remediation closure report was submitted asking for closure approval of this incident based on the delineation data from the initial sampling event.

On January 29, 2024, the NMOCD responded to the submitted closure report with the following comments:
rhamlet (1/29/2024), The Remediation Closure Report is Denied. Please conduct "grab samples" within the release area where discolored soil shows dried salt residue in photos contained in the corresponding report. Additional samples will need to be conducted in areas where chloride/salt is clearly visible on the surface of the pad. These areas will need to have all surface contaminants removed. The contamination must be fully delineated and does not cause an imminent risk to human health, the environment, or ground water.

rhamlet (1/29/2024), All sidewall samples should be taken from the sidewall of the excavation. The "step-out" samples on pad to verify the edge of the release should only be a maximum of 1-2 feet from the observed edge of the release. Stepping out away from the release area to conduct horizontal delineation samples may tell us whether or not the release left the active well pad, but it does not tell us where the actual edge of the release is located. Please make sure that the edge of the release extent is accurately defined. Additionally, when equipment is located in and around the release area, samples must come from the sidewalls of the release area excavation. The OCD needs to know if the release went in, around, or under equipment/tanks/pipelines. Not having sidewall samples from the actual excavation won't give us those sampling data points that we need. "Step-out" samples should never be conducted if equipment is in the vicinity of the release area.

In Response to Denied Closure Report

On May 31, 2024, after Devon submitted a 48-Hour Notification of Sampling event (Appendix C), Pima personnel returned to the site to reassess the release area. Due to research of initial pictures and description, it was concluded that the previously reported spill area was incorrect. A Corrected Site Map with assessment sample points and existing production equipment can be found in Figure 6. Discrete samples were collected from three (3) of the previous sample points along with an additional sample point (S4) added to the corrected area. These samples were collected from depths of surface and 1' bgs. All samples were put on ice, prepared for delivery, and delivered to Cardinal Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The lab results of this sampling event can be found in the Data Tables included in Figure 5. Complete Laboratory Reports can be referenced in Appendix E. Photographic Documentation can be found in Appendix D.

According to the denial reasons above, additional samples still need to be collected to verify the edges of the release. According to the sample results from May 31, 2024, an excavation needs to be performed in the S4 sample point area.

Proposed Remediation/Sampling Activities

On behalf of Devon, Pima proposes the following method for the remediation and additional sampling of this release area:

- The estimated total volume of soil to be remediated is approximately 9 cubic yards from the 283 square foot area surrounding sample point S4.
- We propose to excavate the 283 square foot area to a depth of 10" bgs, or until sample results are verified to be under the regulatory limits as per the greater than 100-foot depth to groundwater requirement in Table 1 19.15.29.12 NMAC.
- The contaminated soil will be disposed of at an NMOCD-approved disposal facility. Then clean, like material will be brought to the location to be used for backfilling. A Proposed Excavation/Sampling Map can be found in Figure 7.
- A 48-hour sampling notification will be issued to NMOCD for confirmation and horizontal delineation sampling of the area. Confirmation samples will be 5-point composite samples representing no more than 200 square feet from the base and walls of the excavated area. Horizontal delineation samples will be discrete samples collected from depth intervals of surface, 1', 2', 3', and 4' bgs to verify the original edges of the release. If any samples do not verify delineation, then the "step-out" method will be used where its practical and safe to do so in and amongst the production equipment and plumbing.
- If any horizontal delineation samples come back with sample results that are above the regulatory limits of the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC, then those sample point areas will be added to the excavation activities. Volumes and areas will be calculated at that point.
- Once all sample results confirm horizontal delineation is complete, and contamination has been removed, a remediation closure report will be drafted and submitted to the NMOCD Portal for review/approval.

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Hobbs, NM 88240

Devon has complied with the applicable requirements set forth in 19.15.29.12 NMAC and requests that this remediation work plan for incident ID nAPP2315623222 be approved.

For questions or additional information, please feel free to contact:
Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.
Pima Environmental Services – Tom Bynum at 580-748-1613 or tom@pimaoil.com.

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map 2023
5- Data Tables
6- Corrected Site Map
7- Proposed Excavation/Sampling Map

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

Pima Environmental Services, LLC
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Hobbs, NM 88240

Figures:

Location Map

Topographic Map

Karst Map

Site Map 2023

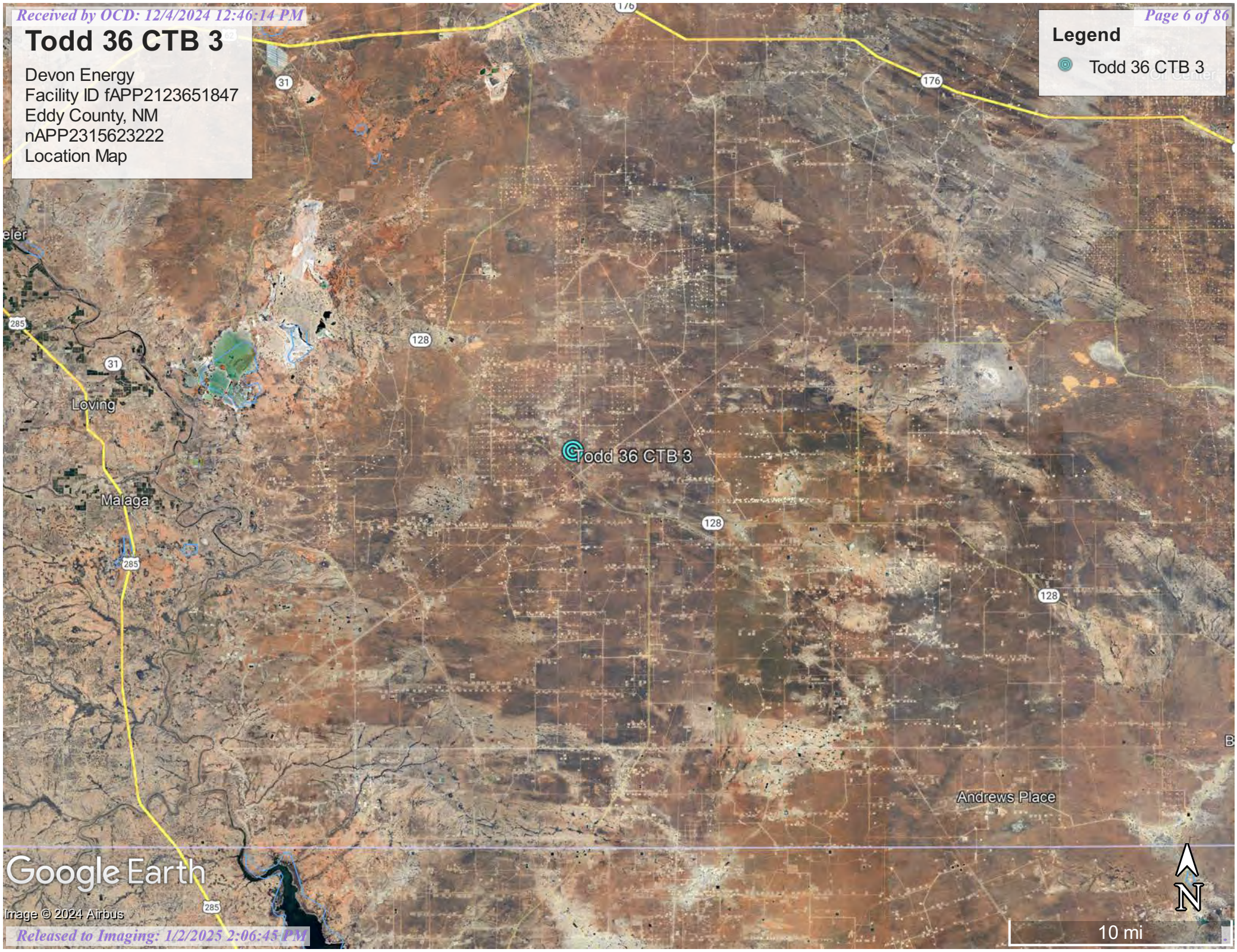
Data Tables

Corrected Site Map

Proposed Excavation/Sampling Map

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Location Map

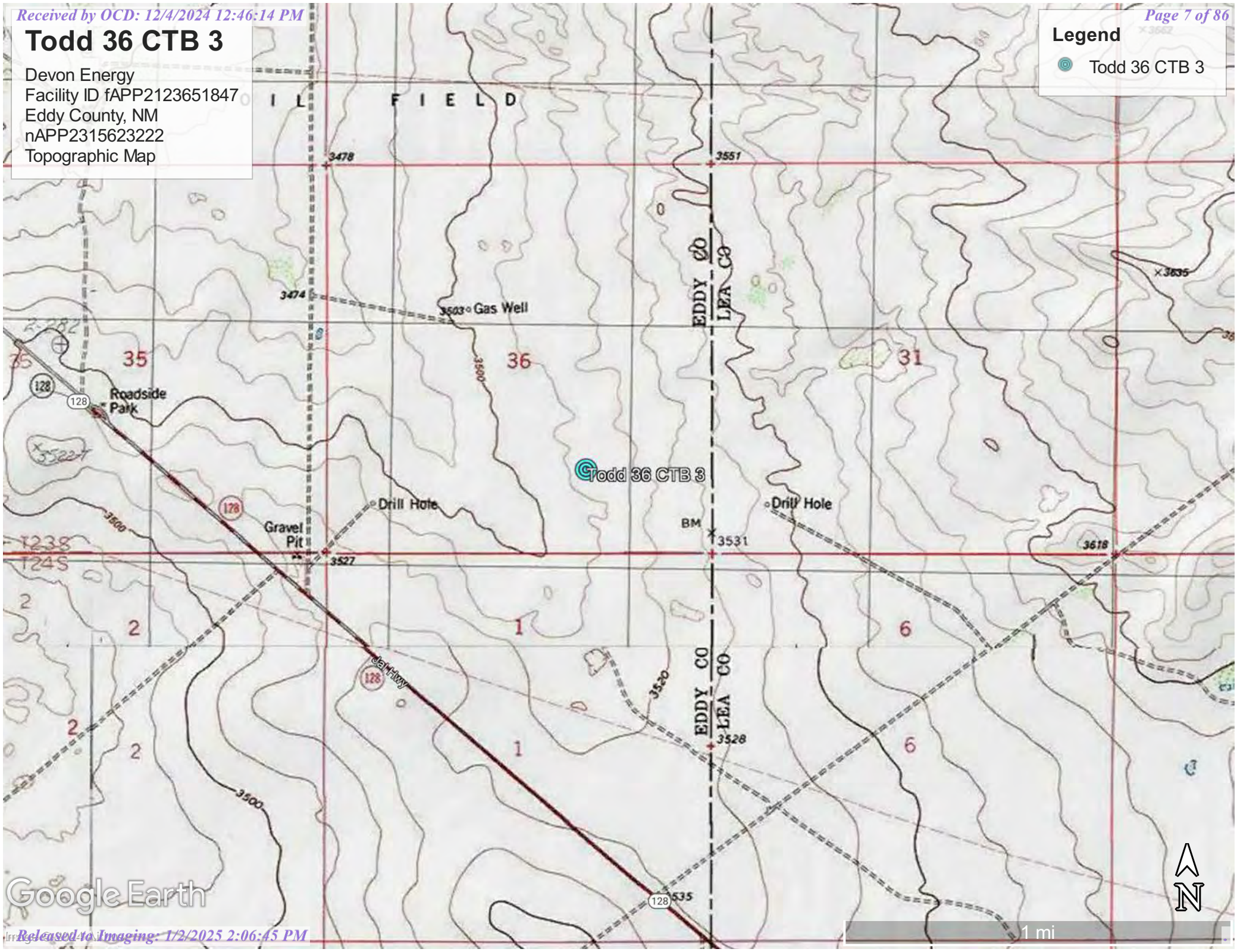


Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Topographic Map

Legend

Todd 36 CTB 3

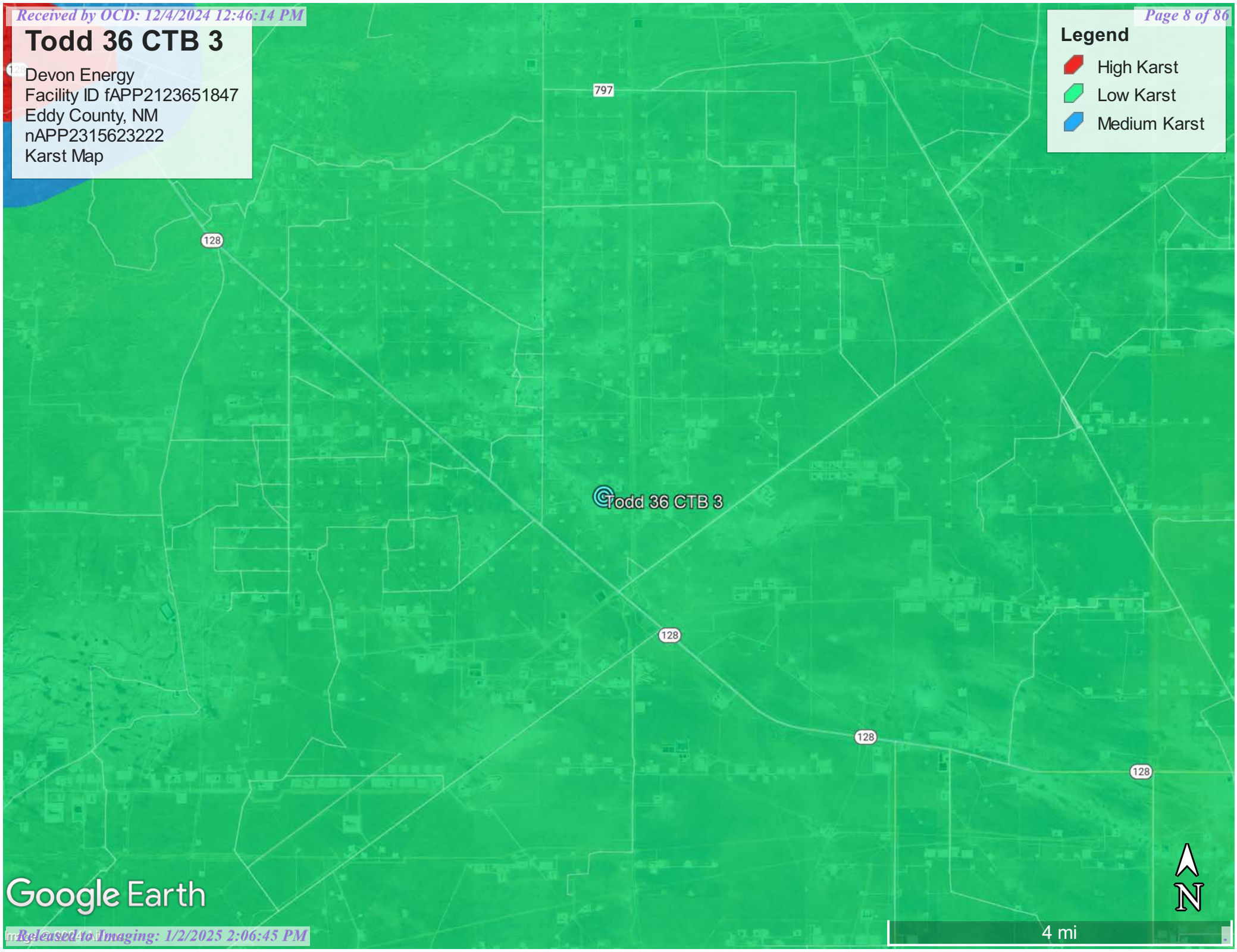


Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Karst Map

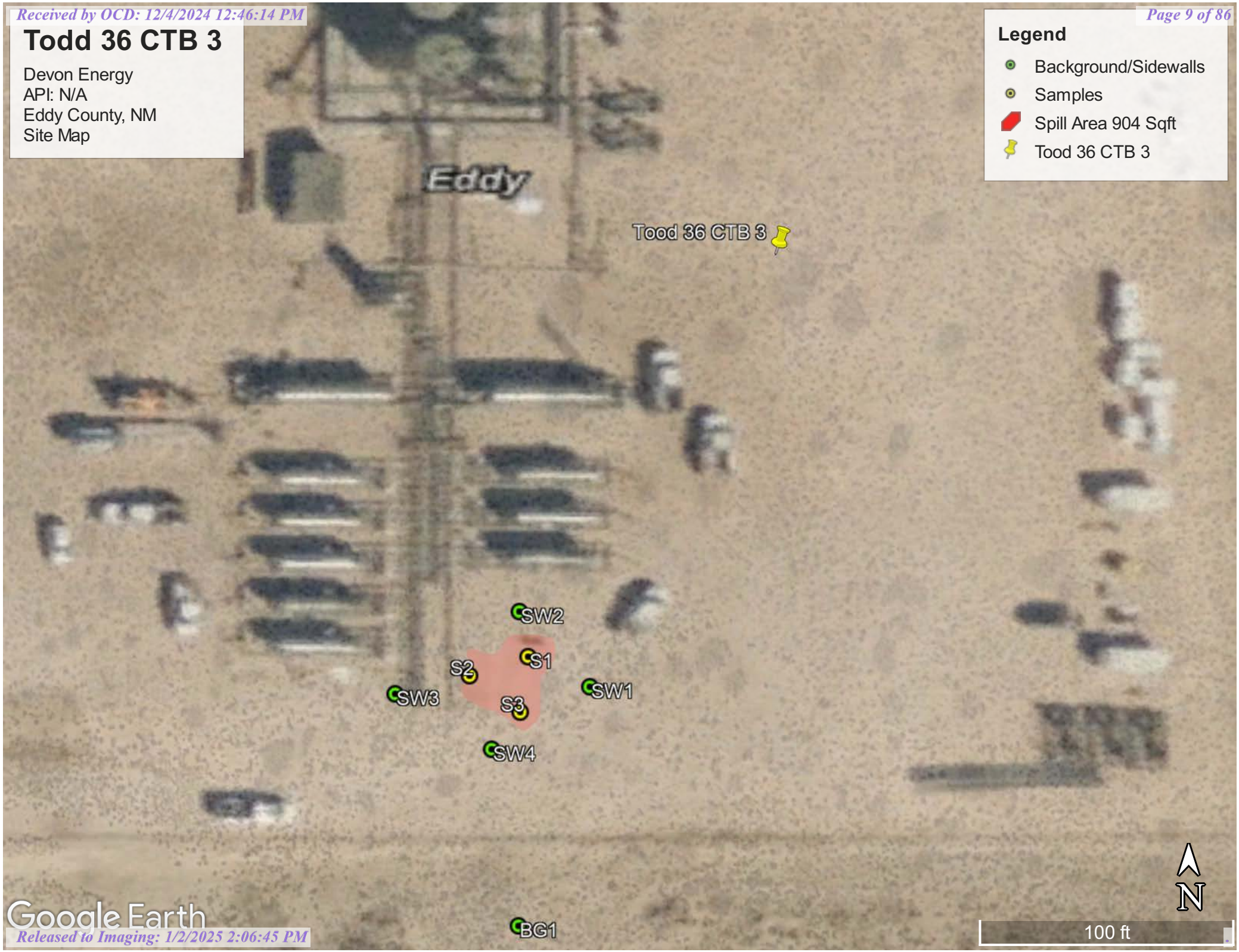
Legend

- High Karst
- Low Karst
- Medium Karst



Todd 36 CTB 3

Devon Energy
API: N/A
Eddy County, NM
Site Map



Legend

- Background/Sidewalls
- Samples
- Spill Area 904 Sqft
- Tood 36 CTB 3

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2315623222								
Date: 6/5/23		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	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	11000
	2'	ND	ND	ND	ND	ND	0	2600
	3'	ND	ND	ND	ND	ND	0	554
	4'	ND	ND	ND	ND	ND	0	46.5
S-2	1'	ND	ND	ND	ND	ND	0	7880
	2'	ND	ND	ND	ND	ND	0	2480
	3'	ND	ND	ND	ND	ND	0	2450
	4'	ND	ND	ND	ND	ND	0	68.8
S-3	1'	ND	ND	ND	ND	ND	0	10200
	2'	ND	ND	ND	ND	ND	0	304
	3'	ND	ND	ND	ND	ND	0	442
	4'	ND	ND	ND	ND	ND	0	26.5
SW 1	6"	ND	ND	ND	ND	ND	0	69.3
SW 2	6"	ND	ND	ND	ND	ND	0	ND
SW 3	6"	ND	ND	ND	ND	ND	0	ND
SW 4	6"	ND	ND	ND	ND	ND	0	ND
BG 1	6"	ND	ND	ND	ND	ND	0	ND

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - TODD 36 CTB 3 - nAPP2315623222								
Date: 5/31/2024		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	Cl mg/kg
S1-Surface	0'	ND	ND	ND	ND	ND	0	6240
S1-1'	1'	ND	ND	ND	ND	ND	0	32
S2-Surface	0'	ND	ND	ND	ND	ND	0	8400
S2-1'	1'	ND	ND	ND	ND	ND	0	32
S3-Surface	0'	ND	ND	ND	ND	ND	0	6960
S3-1'	1'	ND	ND	ND	ND	ND	0	32
S4-Surface	0'	ND	ND	ND	ND	ND	0	28800
S4-1'	1'	ND	ND	ND	ND	ND	0	16

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Corrected Site Map

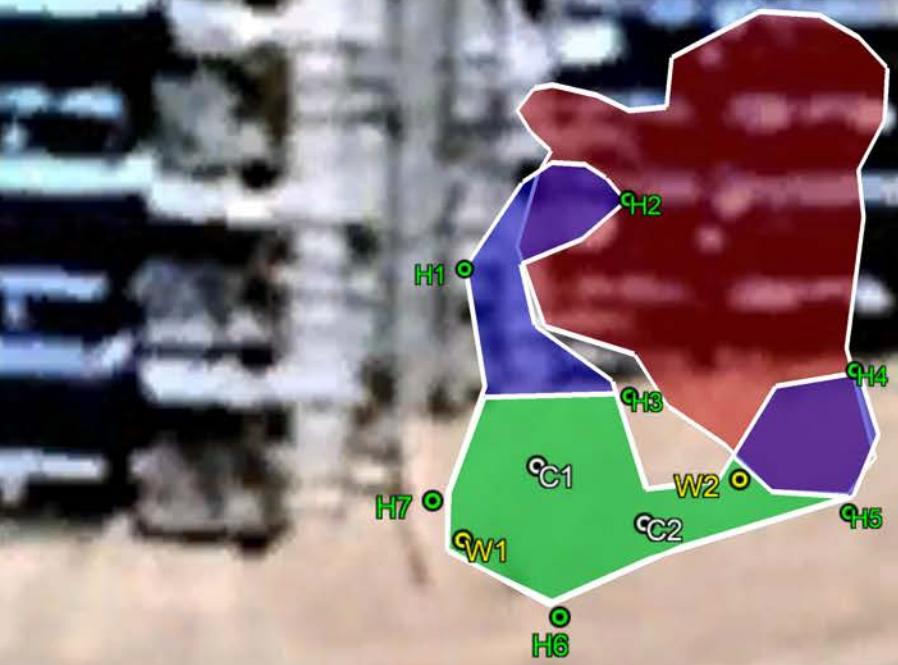
32.256350, -103.729001

Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Proposed Excavation/Sampling Map

Legend

- 8" - 10" Excavation - 283 sqft
- Confirmation base samples
- Confirmation wall samples
- Corrected release area - 518 sqft
- Horizontal delineation samples
- Incorrect release area - 904 sqft



Google Earth

Image © 2024 Airbus

N

50 ft

Pima Environmental Services, LLC
5614 N Lovington Hwy
Hobbs, NM 88240

Appendix A

Water Surveys

Water Related Maps

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	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	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**

5/21/24 1:29 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
~~C-4746~~ POD 1		C-4746

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy Resources	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
205 E Bender Road #150	Hobbs	NM	88240

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	15'	18.5"	N
	LONGITUDE	103	44'	03.4"	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1833	Jason Maley	Vision Resources

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
6-1-23	6-1-23	105'	105'	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): Dry

DATE STATIC MEASURED:

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	100	6	2" PVC SCH 40	Thread	2"	SCH 40	-
100	105	6	2" PVC SCH 40	Thread	2"	SCH 40	.02
					OSE DIT JUN 13 2023 PM2:08		

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			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. 747203	
LOCATION 23S. 31E. 36 3 4 3		WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	10	10	Red sand/White Caliche	Y ✓ N	
10	20	10	White Caliche	Y ✓ N	
20	80	60	Light Tan fine sand	Y ✓ N	
80	105	25	Brown fine sand	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

OSE DIT JUN 13 2023 PM 2:08

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jason Maley

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jason Maley — 6-7-23

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4746	POD NO. 1	TRN NO. 747203	
LOCATION 235.31E.36.343		WELL TAG ID NO. NA	PAGE 2 OF 2

OSE POD Location Map

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

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

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

GIS WATERS PODs

- Plugged
- OSE District Boundary

Water Right Regulations

- Closure Area
- Artesian Planning Area

New Mexico State Trust Lands

- Subsurface Estate
- Both Estates

Online web user

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

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

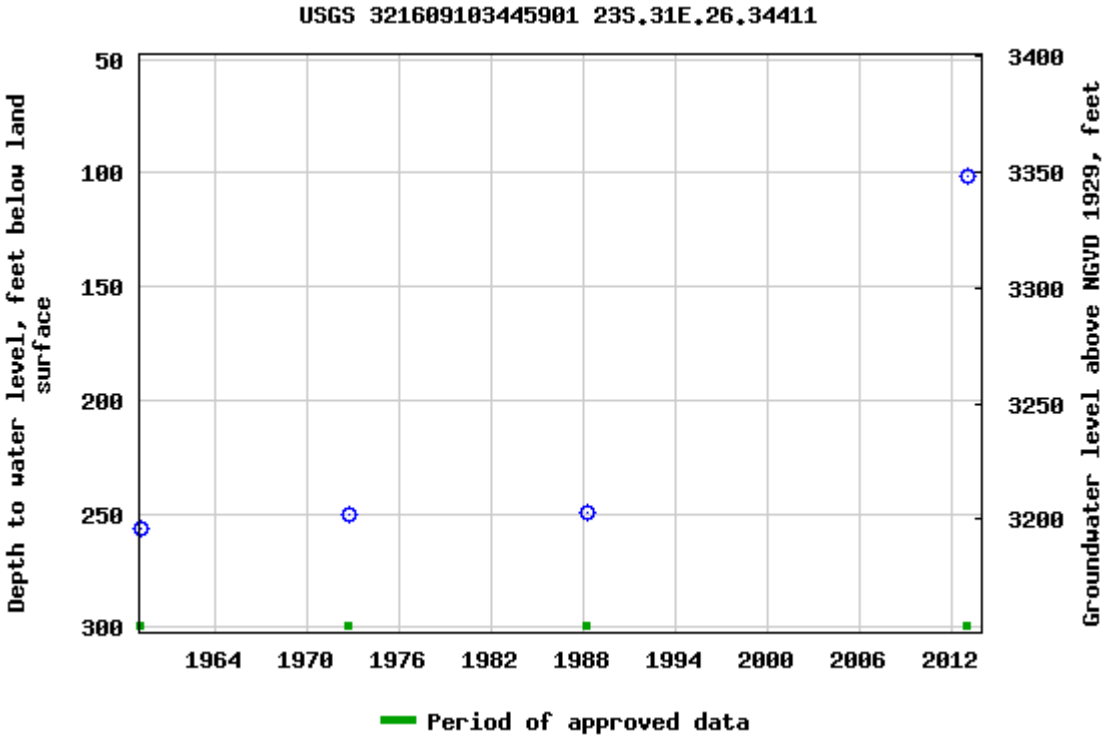
USGS 321609103445901 23S.31E.26.34411

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
Reselect period



Breaks in the plot represent a gap of at least one year between field measurements.
Download a presentation-quality graph

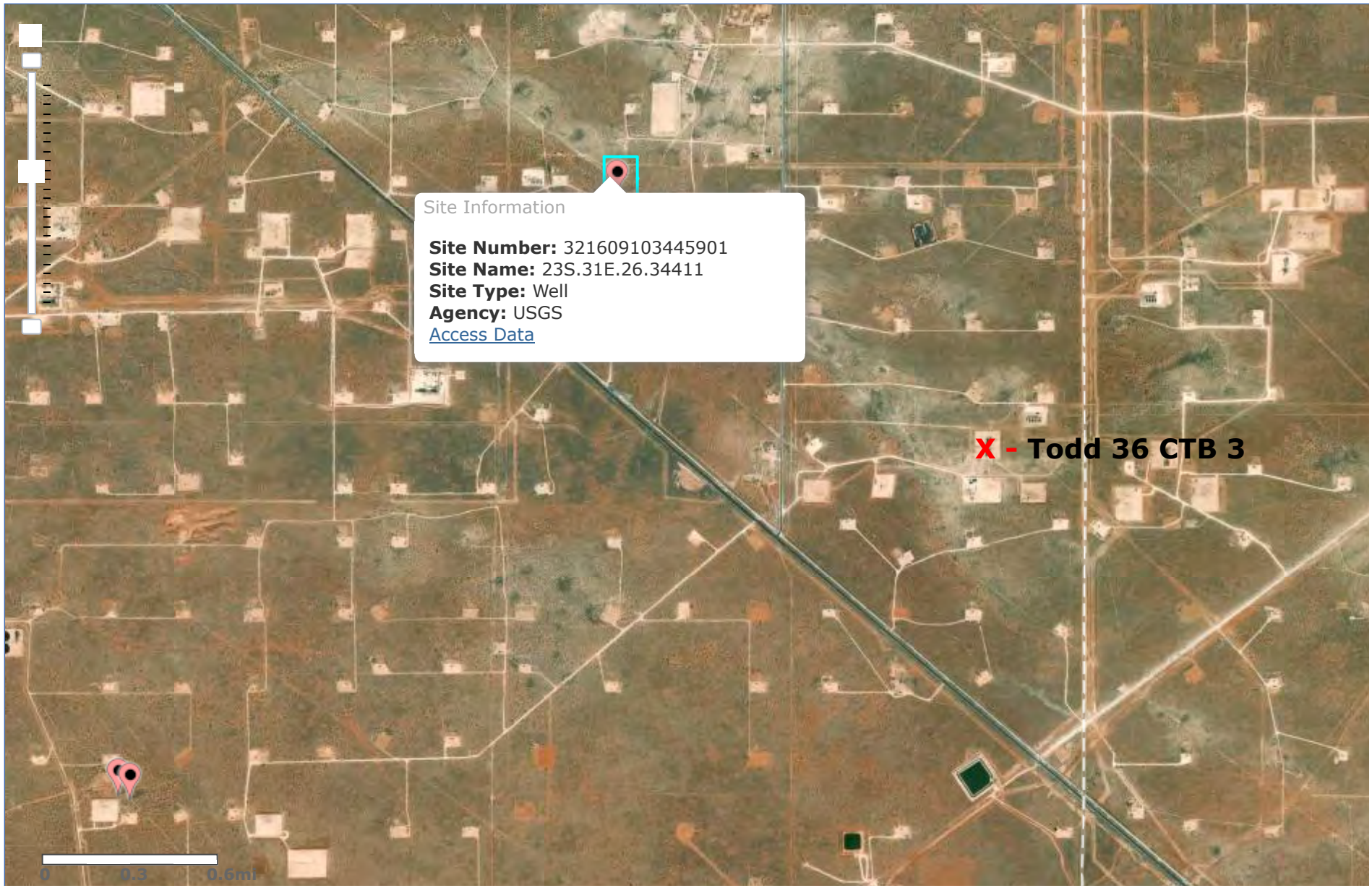
Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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

USGS science for a changing world

National Water Information System: Mapper

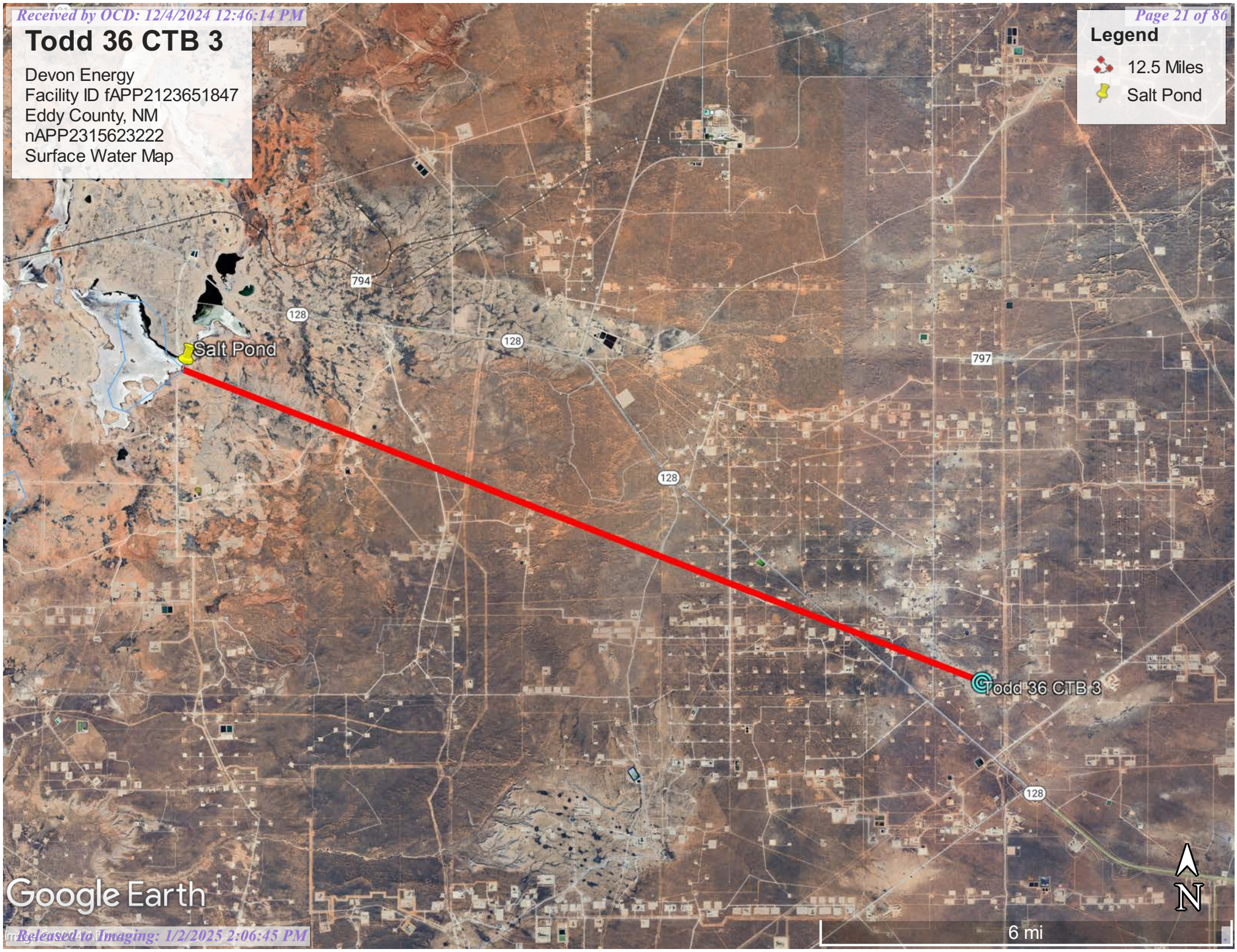


Todd 36 CTB 3

Devon Energy
Facility ID fAPP2123651847
Eddy County, NM
nAPP2315623222
Surface Water Map

Legend

- 12.5 Miles
- Salt Pond



U.S. Fish and Wildlife Service
National Wetlands Inventory

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 Wetlands Inventory (NWI)
This page was produced by the NWI mapper

National Flood Hazard Layer FIRMette

FEMA

103°44'2"W 32°15'39"N

103°43'24"W 32°15'9"N

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

1:6,000

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 8/31/2023 at 4:17 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.

Ping Environmental Services, LLC
5614 N Lovington Hwy
Hobbs, NM 88240

Appendix B

Soil Survey

Soil Map

Geologic Unit Map

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

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

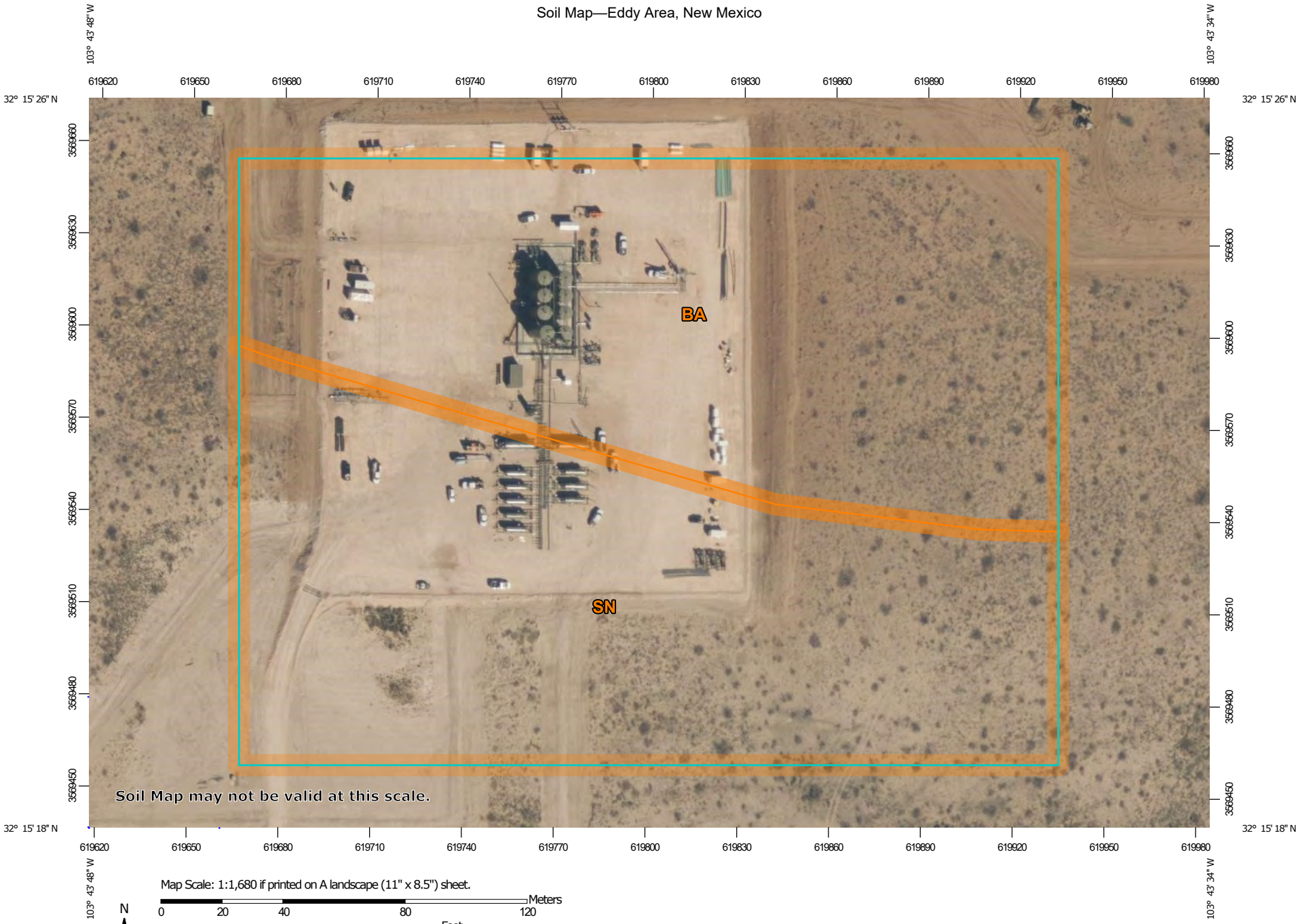
Dune land

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



Map Scale: 1:1,680 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 20 40 80 120

Feet: 0 50 100 200 300

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

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

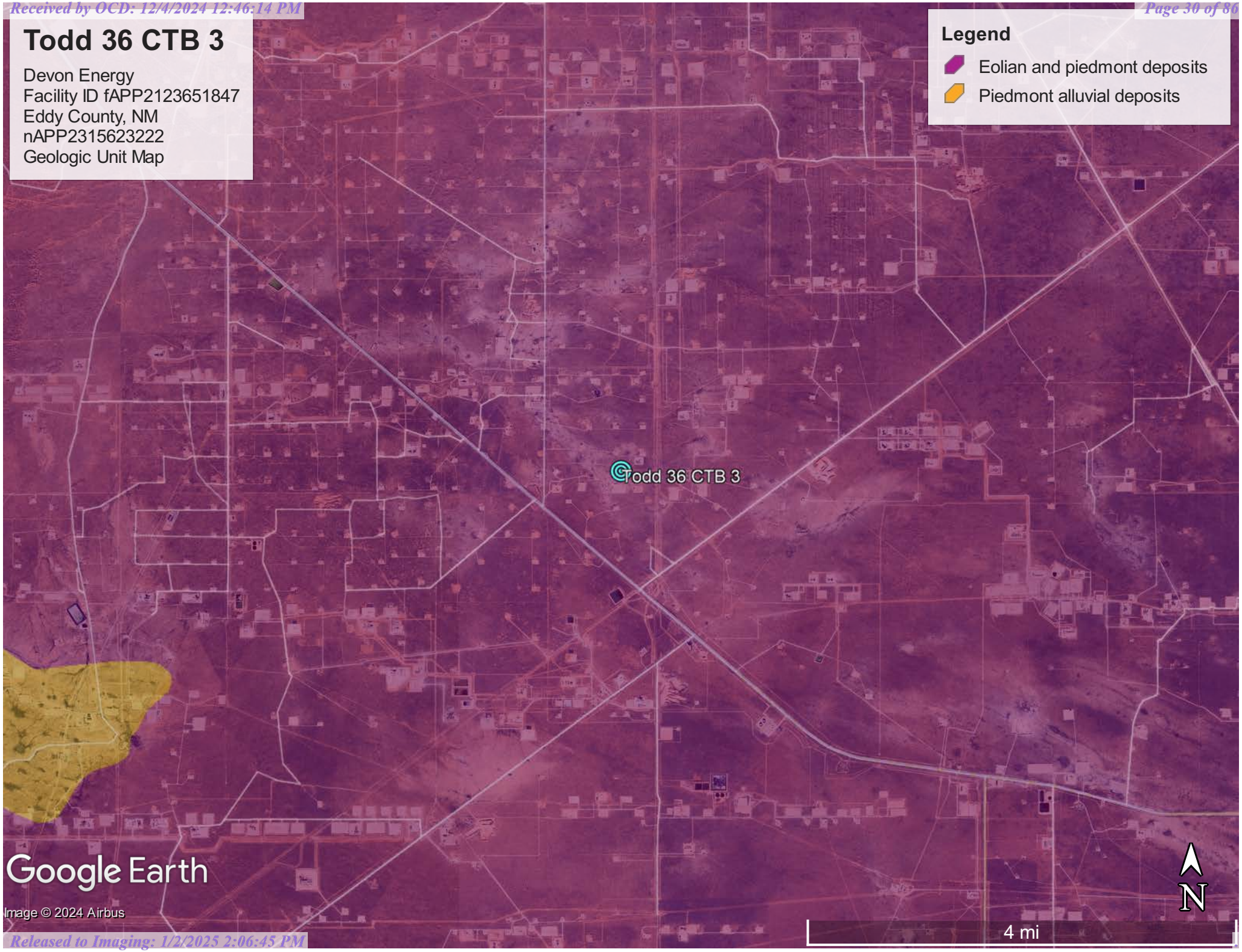
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

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
nAPP2315623222
Geologic Unit Map



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Hobbs, NM 88240

Appendix C

48-Hour Notification of Sampling

Gmail Tom Pima Oil <tom@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 348850

1 message

Woodall, Dale <Dale.Woodall@dvn.com> Wed, May 29, 2024 at 1:08 PM
To: Tom Pima Oil <tom@pimaoil.com>, Delrae Pima Oil <delrae@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>

Dale Woodall

Environmental Professional

Hobbs, NM

Office: 575-748-1838

Mobile: 405-318-4697

Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, May 29, 2024 12:06 PM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 348850

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2315623222.

The sampling event is expected to take place:

When: 05/31/2024 @ 15:00
Where: D-36-23S-31E 1074 FSL 1725 FEL (32.26694,-103.739066)

Additional Information: Andrew Franco (806) 200-0054

Additional Instructions: D-36-23S-31E Lat/Long: 32.26694,-103.739066 From the intersection of Red Road and NM128 in Eddy county, travel north on Red Rd for 450 feet, turn east on lease road for 0.8 miles, turn north for 300 feet, continue north into location

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

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

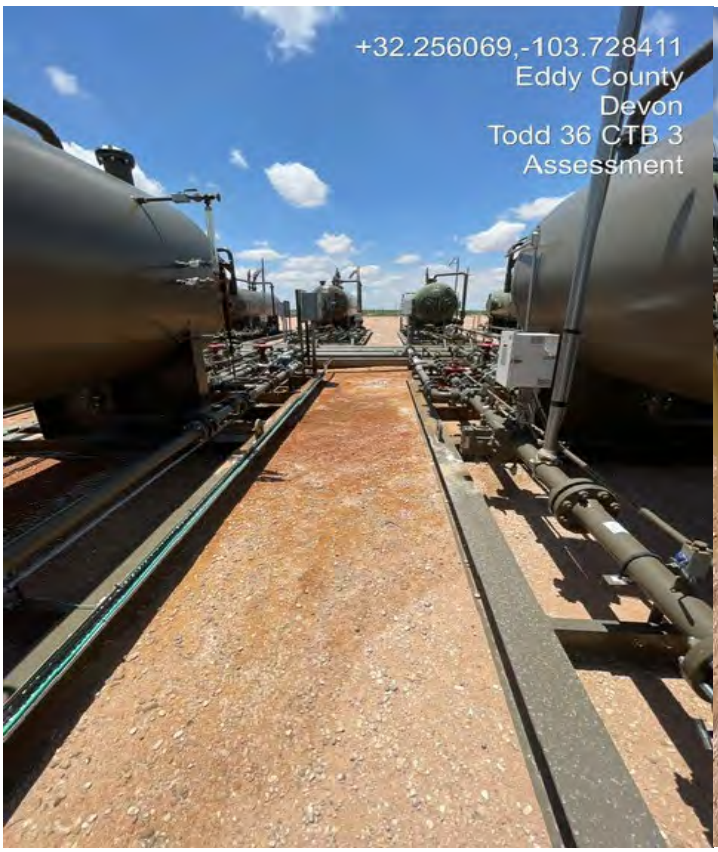
Pima Environmental Services, LLC
5614 N Lovington Hwy
Hobbs, NM 88240

Appendix D

Photographic Documentation

Devon Energy Production, LP
Todd 36 CTB 3

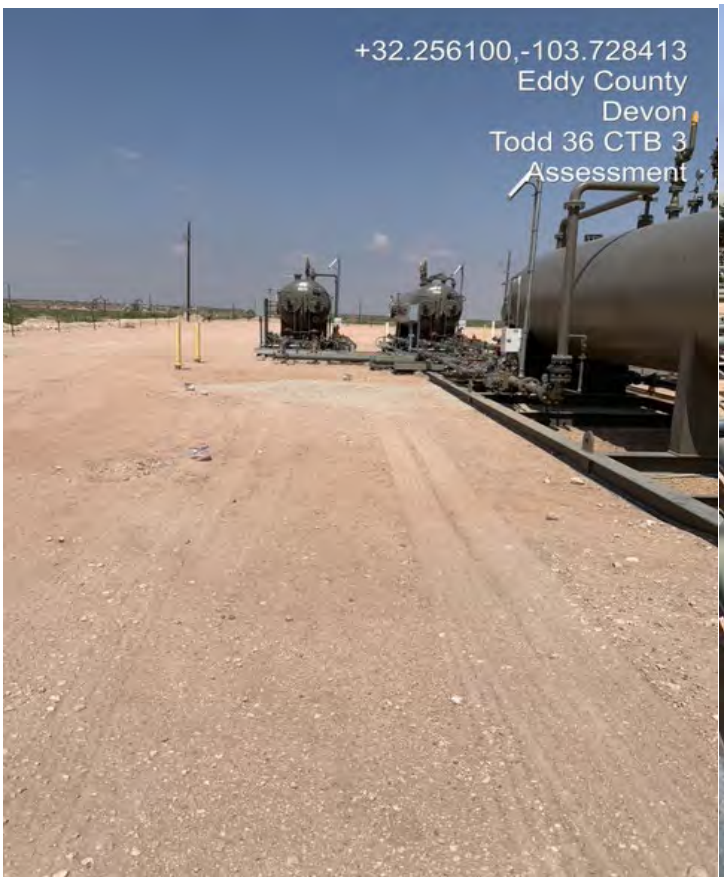
2023



Devon Energy Production, LP
Todd 36 CTB 3

2024

Devon Energy Production, LP
Todd 36 CTB 3



Ping Environmental Services, LLC
5614 N Lovington Hwy
Hobbs, NM 88240

Appendix E

Laboratory Reports

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:	E306046
Job Number:	01058-0007
Received:	6/7/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/13/23

Date Reported: 6/13/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Todd 36 CTB 3
Workorder: E306046
Date Received: 6/7/2023 8:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/7/2023 8:30:00AM, 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 reguarding 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

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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	06/13/23 12:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E306046-01A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 1'	E306046-02A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 1	E306046-03A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S1 - 2'	E306046-04A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 2'	E306046-05A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 2'	E306046-06A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S1 - 3'	E306046-07A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 3'	E306046-08A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 3'	E306046-09A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S1 - 4'	E306046-10A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S2 - 4'	E306046-11A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
S3 - 4'	E306046-12A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-1	E306046-13A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-2	E306046-14A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-3	E306046-15A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
SW-4	E306046-16A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.
BG-1	E306046-17A	Soil	06/05/23	06/07/23	Glass Jar, 2 oz.

Sample Data

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	6/13/2023 12:02:23PM

S1 - 1'

E306046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.5 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	**85.6**	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*67.5 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**11000**	400	20	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S2 - 1'

E306046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*64.8 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**7880**	400	20	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S3 - 1

E306046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.4 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*66.9 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**10200**	400	20	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S1 - 2'

E306046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/08/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/08/23	
Surrogate: n-Nonane		*71.5 %*	*50-200*	*06/07/23*	*06/08/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**2600**	40.0	2	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S2 - 2'

E306046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*72.3 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**2480**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S3 - 2'

E306046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*72.4 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**304**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S1 - 3'

E306046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*72.3 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**554**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S2 - 3'

E306046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.8 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*71.9 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**2450**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S3 - 3'

E306046-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*71.2 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**442**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S1 - 4'

E306046-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.5 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*67.3 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**46.5**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S2 - 4'

E306046-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*71.4 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**68.8**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

S3 - 4'

E306046-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*71.2 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**26.5**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

SW-1

E306046-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*71.4 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	**69.3**	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

SW-2

E306046-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/08/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/08/23	
Toluene	ND	0.0250	1	06/07/23	06/08/23	
o-Xylene	ND	0.0250	1	06/07/23	06/08/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/08/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/08/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.1 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/08/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*06/07/23*	*06/08/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*71.0 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	ND	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

SW-3

E306046-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/09/23	
Toluene	ND	0.0250	1	06/07/23	06/09/23	
o-Xylene	ND	0.0250	1	06/07/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*06/07/23*	*06/09/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*06/07/23*	*06/09/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*73.6 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	ND	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

SW-4

E306046-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/09/23	
Toluene	ND	0.0250	1	06/07/23	06/09/23	
o-Xylene	ND	0.0250	1	06/07/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*06/07/23*	*06/09/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*06/07/23*	*06/09/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*72.2 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	ND	20.0	1	06/07/23	06/08/23	

Sample Data

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	6/13/2023 12:02:23PM

BG-1

E306046-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Benzene	ND	0.0250	1	06/07/23	06/09/23	
Ethylbenzene	ND	0.0250	1	06/07/23	06/09/23	
Toluene	ND	0.0250	1	06/07/23	06/09/23	
o-Xylene	ND	0.0250	1	06/07/23	06/09/23	
p,m-Xylene	ND	0.0500	1	06/07/23	06/09/23	
Total Xylenes	ND	0.0250	1	06/07/23	06/09/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*06/07/23*	*06/09/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2323033
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/07/23	06/09/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*06/07/23*	*06/09/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2323028
Diesel Range Organics (C10-C28)	ND	25.0	1	06/07/23	06/09/23	
Oil Range Organics (C28-C36)	ND	50.0	1	06/07/23	06/09/23	
Surrogate: n-Nonane		*72.4 %*	*50-200*	*06/07/23*	*06/09/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2323032
Chloride	ND	20.0	1	06/07/23	06/08/23	

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	6/13/2023 12:02:23PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323033-BLK1)									Prepared: 06/07/23 Analyzed: 06/08/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.68*		*8.00*		*96.0*	*70-130*			
LCS (2323033-BS1)									Prepared: 06/07/23 Analyzed: 06/08/23
Benzene	4.35	0.0250	5.00		87.0	70-130			
Ethylbenzene	4.41	0.0250	5.00		88.2	70-130			
Toluene	4.52	0.0250	5.00		90.5	70-130			
o-Xylene	4.58	0.0250	5.00		91.6	70-130			
p,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		90.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike (2323033-MS1)				**Source: E306046-04**					Prepared: 06/07/23 Analyzed: 06/08/23
Benzene	4.46	0.0250	5.00	ND	89.3	54-133			
Ethylbenzene	4.56	0.0250	5.00	ND	91.1	61-133			
Toluene	4.66	0.0250	5.00	ND	93.2	61-130			
o-Xylene	4.69	0.0250	5.00	ND	93.8	63-131			
p,m-Xylene	9.25	0.0500	10.0	ND	92.5	63-131			
Total Xylenes	13.9	0.0250	15.0	ND	92.9	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.64*		*8.00*		*95.5*	*70-130*			
Matrix Spike Dup (2323033-MSD1)				**Source: E306046-04**					Prepared: 06/07/23 Analyzed: 06/08/23
Benzene	4.16	0.0250	5.00	ND	83.2	54-133	7.02	20	
Ethylbenzene	4.24	0.0250	5.00	ND	84.8	61-133	7.20	20	
Toluene	4.34	0.0250	5.00	ND	86.8	61-130	7.07	20	
o-Xylene	4.40	0.0250	5.00	ND	88.0	63-131	6.33	20	
p,m-Xylene	8.63	0.0500	10.0	ND	86.3	63-131	6.94	20	
Total Xylenes	13.0	0.0250	15.0	ND	86.8	63-131	6.73	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*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	6/13/2023 12:02:23PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323033-BLK1)									Prepared: 06/07/23 Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.2*	*70-130*			
LCS (2323033-BS2)									Prepared: 06/07/23 Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.36*		*8.00*		*92.0*	*70-130*			
Matrix Spike (2323033-MS2)				**Source: E306046-04**					Prepared: 06/07/23 Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0	ND	82.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.4*	*70-130*			
Matrix Spike Dup (2323033-MSD2)				**Source: E306046-04**					Prepared: 06/07/23 Analyzed: 06/08/23
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.7	70-130	11.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.0*	*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	6/13/2023 12:02:23PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323028-BLK1)									Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*36.9*		*50.0*		*73.7*	*50-200*			
LCS (2323028-BS1)									Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	242	25.0	250		97.0	38-132			
Surrogate: n-Nonane	*36.2*		*50.0*		*72.4*	*50-200*			
Matrix Spike (2323028-MS1)				**Source: E306046-05**					Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	38-132			
Surrogate: n-Nonane	*35.0*		*50.0*		*70.0*	*50-200*			
Matrix Spike Dup (2323028-MSD1)				**Source: E306046-05**					Prepared: 06/07/23 Analyzed: 06/08/23
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	38-132	2.14	20	
Surrogate: n-Nonane	*34.7*		*50.0*		*69.4*	*50-200*			

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	6/13/2023 12:02:23PM

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2323032-BLK1)							Prepared: 06/07/23 Analyzed: 06/08/23		
Chloride	ND	20.0							
LCS (2323032-BS1)							Prepared: 06/07/23 Analyzed: 06/12/23		
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2323032-MS1)				**Source: E306046-01**			Prepared: 06/07/23 Analyzed: 06/08/23		
Chloride	10100	400	250	11000	NR	80-120			M5
Matrix Spike Dup (2323032-MSD1)				**Source: E306046-01**			Prepared: 06/07/23 Analyzed: 06/08/23		
Chloride	8720	400	250	11000	NR	80-120	14.2	20	M5

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	06/13/23 12:02

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated 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

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To
Project: Todd 36 CTB3	Attention: Devon
Project Manager: Tom Bynum	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM, 88240	Phone:
Phone: 580-748-1613	Email:
Email: tom@pimaoil.com	Pima Project # 225-7
Report due by:	

Lab Use Only: Lab WO# E3060046 | Job Number 03E58-0007

TAT: 1D | 2D | 3D | Standard X

EPA Program: CWA | SDWA | RCRA

State: NM X | CO | UT | AZ | TX

Analysis and Method: DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Metals 6010 | Chloride 300.0 | BGDOC NM | BGDOC TX

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
8:00	6/5	S	1	S1-1'	1	V	
8:05				S2-1'	2		
8:10				S3-1	3		
8:15				S1-2'	4		
8:20				S2-2'	5		
8:25				S3-2'	6		
8:30				S1-3'	7		
8:35				S2-3'	8		
8:40				S3-3'	9		
8:45				[redacted] S1-4'	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 mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: A.F

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karina Adame	6/6/23	230	Michelle Gonzales	6-6-23	1430
Michelle Gonzales	6-6-23	1700	Andrew Munoz	6-6-23	1715
Andrew Munoz	6-6-23	2330	Cartha Mann	6/7/23	8:30

Lab Use Only — Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT / EPA Program
Project: Todd 36 CTB#3	Attention: Devon	Lab WO# E3060460	Job Number 01058-0007
Project Manager: Tom Bynum	Address:	1D 2D 3D Standard: X	CWA SDWA RCRA
Address: 5614 N. Lovington Hwy.	City, State, Zip	Analysis and Method	State: NM X, CO, UT, AZ, TX
City, State, Zip Hobbs, NM, 88240	Phone:		
Phone: 580-748-1613	Email:		
Email: tom@pimaoil.com	Pima Project # 225-7		
Report due by:			

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:50	6/5	S	1	[redacted] S2-4'	11							X		
8:55				S3-4'	12									
9:00				SW-1	13									
9:05				SW-2	14									
9:10				SW-3	15									
9:15				SW-4	16									
9:20 AM				BG-1										

Additional Instructions: WO# 21779.75

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: A.F

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.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	6/6/23	230	Michelle Gonzales	6-6-23	1430
Michelle Gonzales	6-6-23	1700	Andrew Mesa	6-6-23	1715
Andrew Mesa	6-6-23	2330	Cathy Man	6/7/23	8:30

Lab Use Only — Received on ice: (Y) / N; T1 ____ T2 ____ T3 ____; AVG Temp °C 4

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 30 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 Analytical Laboratory

Printed: 6/7/2023 11:02:04AM

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:	06/07/23 08:30	Work Order ID:	E306046
Phone:	(575) 631-6977	Date Logged In:	06/06/23 16:42	Logged In By:	Caitlin Mars
Email:	tom@pimaoil.com	Due Date:	06/13/23 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
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?	Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No
22. Are sample(s) correctly preserved?	NA
24. Is lab filteration 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.

CARDINAL Laboratories

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

June 14, 2024

GIO GOMEZ

PIMA ENVIROMENTAL

1601 N TURNER STE. 500

HOBBS, NM 88240

RE: TODD 36 CTB3

Enclosed are the results of analyses for samples received by the laboratory on 06/10/24 14:57.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 1 - SURFACE (H243312-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6240**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 1 - 1' (H243312-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 2 - SURFACE (H243312-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8400**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *88.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 2 - 1' (H243312-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 3 - SURFACE (H243312-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6960**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 3 - 1' (H243312-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *96.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 4 - SURFACE (H243312-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**28800**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *88.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

PIMA ENVIROMENTAL
GIO GOMEZ
1601 N TURNER STE. 500
HOBBS NM, 88240
Fax To:

Received:	06/10/2024	Sampling Date:	05/31/2024
Reported:	06/14/2024	Sampling Type:	Soil
Project Name:	TODD 36 CTB3	Sampling Condition:	Cool & Intact
Project Number:	1-225-7	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON		

Sample ID: S 4 - 1' (H243312-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2024	ND	1.86	93.1	2.00	0.662	
Toluene*	<0.050	0.050	06/13/2024	ND	1.96	98.0	2.00	5.51	
Ethylbenzene*	<0.050	0.050	06/13/2024	ND	2.00	99.8	2.00	6.74	
Total Xylenes*	<0.150	0.150	06/13/2024	ND	5.96	99.3	6.00	6.13	
Total BTEX	<0.300	0.300	06/13/2024	ND					

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

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	06/13/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/13/2024	ND	204	102	200	6.92	
DRO >C10-C28*	<10.0	10.0	06/13/2024	ND	190	94.9	200	7.12	
EXT DRO >C28-C36	<10.0	10.0	06/13/2024	ND					

Surrogate: 1-Chlorooctane *84.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Pima Environmental	**BILL TO**	
Project Manager:	Gio Gomez	P.O. #:	
Address:	5614 N Lovington Hwy	Company:	Devon
City:	Hobbs State: NM Zip: 88240	Attn:	
Phone #:	575-964-7740 Fax #:	Address:	
Project #:	1-225-7 Project Owner: Devon	City:	
Project Name:	Todd 36 CTB 3	State: Zip:	
Project Location:		Phone #:	
Sampler Name:		Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	SAMPLING TIME	BTEX	TPH	Chloride
H243312																	
1	S1-Surface	G				X					X		5/31/24	8:03	X	X	X
2	S1-1'													8:10			
3	S2-Surface													8:20			
4	S2-1'													8:28			
5	S3-Surface													8:33			
6	S3-1'													8:37			
7	S4-Surface													8:41			
8	S4-1'													8:45			

Relinquished By:	Date: 6-10-24 Time: 1457	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Karine Adame		SRodriguez	All Results are emailed. Please provide Email address: tom@Pimaoil.com
Relinquished By:	Date: Time:	Received By:	REMARKS: Billing# 21177975

Delivered By: (Circle One)	Observed Temp. °C 7.1c	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Bacteria (only) Sample Condition
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	SR	Standard ☒ Rush ☐	Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C
				Thermometer ID #140 Correction Factor 0°C	Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to kelsey@cardinallabsnm.com

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 408553

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2315623222**
Incident Name	**NAPP2315623222 TODD 36 CTB 3 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan 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	06/04/2023
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 | Separator | Produced Water | Released: 10 BBL | Recovered: 9 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Lease operator was at location when noticed fluid spraying from around the 3 phase separators. Found discharge pipe leaking from a weld connected to a flange. The well was shut in and the leak was isolated. All fluids stayed on pad. Recovered volumes are not available as of this notification. Leak was not in an area of lined containment.

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*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	False
If all the actions described above have not been undertaken, explain why	Recovered volumes are not available as of this notification.
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/04/2024

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
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.	
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)	28800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/06/2025
On what date will (or did) the final sampling or liner inspection occur	01/07/2025
On what date will (or was) the remediation complete(d)	01/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	283
What is the estimated volume (in cubic yards) that will be reclaimed	9
What is the estimated surface area (in square feet) that will be remediated	283
What is the estimated volume (in cubic yards) that will be remediated	9
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/04/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**348850**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**05/31/2024**
What was the (estimated) number of samples that were to be gathered	**13**
What was the sampling surface area in square feet	**904**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 408553
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. OSE C-04746-POD1 is not located within ½ mile of the release area and cannot be used for depth to groundwater determination. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. The release area will need confirmation floor/sidewall samples representing no more than 200 ft2. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please make sure that the edge of the release extent is accurately defined, especially around equipment. The work will need to occur in 90 days after the report has been reviewed.	1/2/2025