

BELLOQ 11 CTB 1

OCD INCIDENT nAPP2411733155

4/26/2024

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
<b>Contaminated Soil measurement</b>	
Area (sq feet)	Depth (in)
<u>324.00</u>	<u>12.00</u>
Cubic Feet of Soil Impacted	<u>324.00</u>
Barrels of Soil Impacted	<u>57.75</u>
Soil Type	Clay
Barrels of Oil Assuming 100% Saturation	<u>5.78</u>
Saturation	Fluid present when squeezed
Estimated Barrels of Oil Released	2.89
<b>Free Standing Fluid Only</b>	
Area (sq feet)	Depth (inches))
<u>324.00</u>	<u>1.500</u>
Standing fluid	<u>7.20</u>
<b><u>Total fluids spilled</u></b>	<b><u>10.09</u></b>

# BELLOQ 11 CTB 1

nAPP2411733155 Remediation Closure Report



For Devon Energy Production, LP  
By Pima Environmental Services, LLC

September 5, 2024

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

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

**Re: Remediation Closure Report**  
**Belloq 11 CTB 1 Facility ID fAPP2129456577**  
**NMOCD Incident ID nAPP2411733155**  
**GPS: Latitude 32.31470991 Longitude -103.7534005**  
**ULSTR – M – 11 – 23S – 31E 1088 FSL 1140 FWL Eddy County, NM**

This produced water release was discovered by the operator on April 26, 2024. The initial Notification of Release was submitted and approved on April 26, 2024 (OCD Online: Permitting – Application ID 337922). The initial C-141 form was submitted and approved on May 1, 2024 (OCD Online: Permitting – Application ID 339426). This incident was assigned Incident ID nAPP2411733155 by the New Mexico Oil Conservation Division (NMOCD).

### **Site Characterization**

The Belloq is located approximately twenty (20) miles east of Loving, NM. This spill site is in Unit M, Section 11, Township 23S, Range 31E, Latitude 32.31470991 Longitude -103.7534005, Eddy County, NM. A Location Map can be found in Figure 1.

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. Reference Figure 2 for a Topographic Map. The soil in this area is made up of Berino complex, 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 Belloq (Figure 3).

According to 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). C-04855-POD1 was installed on this pad site on August 8, 2024, and is approximately 200 feet away from this release area. According to the United States Geological Survey, USGS 322046103460301 22S.31E.34.321 shows the nearest groundwater is 493 feet bgs with the latest gauge being recorded in 1975. See Appendix A for referenced Water Surveys and Water-Related Maps. The closest surface water body is a Salt Pond located approximately 10.2 miles to the west of this location.

### **Release Information**

**nAPP2411733155:** On April 26, 2024, found a ball valve with a pin hole leak spraying produced water onto the ground by the separators. 10 bbls estimated to be released. 6 bbls recovered.

### **Site Assessment and Delineation Activities**

On May 8, 2024, Pima mobilized personnel to the site to begin collecting soil samples of the release area for delineation. Eight (8) discreet samples were collected from within the release area for the purpose of determining vertical delineation. These samples were collected from 2 different sample points and from depths of 1', 2', 3', and 4' bgs. Four (4) composite samples were collected from the edges of the release for the purpose of determining horizontal delineation. These composites consisted of samples from depth intervals at surface, 1', 2', 3', and 4' bgs. One (1) sample was collected from the pasture area adjacent to the pad as a background from a depth of 1' bgs. All samples were collected, put on ice, jarred, and delivered to Envirotech Analytical Laboratories for official testing of all constituents. The laboratory results of this sampling event can be found in the following Data Table. A corresponding Site Map can be found in Figure 4. Photographic Documentation can be found in Appendix D.

### 5/8/24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - Belloq 11 CTB 1 - nAPP2411733155								
Date: 5/8/24		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	1'	ND	ND	ND	ND	ND	0	783
	2'	ND	ND	ND	ND	ND	0	723
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
S2	1'	ND	ND	ND	ND	ND	0	746
	2'	ND	ND	ND	ND	ND	0	701
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	0-4'	ND	ND	ND	ND	ND	0	ND
SW2	0-4'	ND	ND	ND	ND	ND	0	ND
SW3	0-4'	ND	ND	ND	ND	ND	0	ND
SW4	0-4'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

On August 8, 2024, Devon contracted H&R Enterprises, LLC. (H&R), an approved, licensed New Mexico well driller, to install a borehole on this pad approximately 200 feet to the south of this release area. This borehole was drilled to 105' bgs and was left open for approximately 120 hours protected by a PVC casing.

On August 14, 2024, H&R returned to the site to gauge the borehole for the presence of water. No water was encountered during the gauging process. The casing was then removed, and the well was plugged in accordance with the approved plugging plan of operations. The depth to ground water for the area within a ½-mile of this site is now classified as greater than 100 feet as per Table 1 19.15.29.12 NMAC.

Based on this new information, the sample results from the previous delineation event are under the regulatory limits of the greater than 100-foot depth to ground water section of Table 1 19.15.29.12 NMAC. No further action is required currently.

The Site Map referenced in Figure 4 shows sample points S3 and S4, but these samples were mistakenly not delivered to the lab for official testing.

On August 22, 2024, after Devon submitted a 48-hour notification of a sampling event (Appendix C) (OCD Online: Permitting - Application ID 375460), Pima personnel returned to the site to collect the samples from the S3 and S4 sample points for the completion of the vertical delineation process. A total of 10 samples were collected from these 2 sample points from depth intervals of surface, 1', 2', 3', and 4' bgs. All samples were put on ice, jarred, then delivered to Envirotech Analytical Laboratories for official analysis of all constituents listed in Table 1 19.15.29.12 NMAC. The results of this sampling event can be seen in the following Data Table.

### 8/22/24 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
DEVON ENERGY - Belloq 11 CTB 1 - nAPP2411733155								
Date: 8/22/24		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
S3-Surface	6"	ND	ND	ND	74.3	ND	74.3	384
S3-1'	1'	ND	ND	ND	ND	ND	0	4110
S3-2'	2'	ND	ND	ND	ND	ND	0	608
S3-3'	3'	ND	ND	ND	ND	ND	0	615
S3-4'	4'	ND	ND	ND	ND	ND	0	518
S4-Surface	6"	ND	ND	ND	ND	ND	0	765
S4-1'	1'	ND	ND	ND	ND	ND	0	755
S4-2'	2'	ND	ND	ND	ND	ND	0	224
S4-3'	3'	ND	ND	ND	ND	ND	0	278
S4-4'	4'	ND	ND	ND	ND	ND	0	299

Complete Laboratory Reports can be referenced in Appendix E.

### **Closure Request**

Based on the laboratory results, the contamination levels are under the regulatory limits as per the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC.

Devon requests that this incident, nAPP2411733155, be closed. Devon has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC and understands that reclamation of this pad area once it is no longer needed for production or subsequent drilling operations will require an approved reclamation plan addressing a minimum of four feet of non-waste containing earthen material.

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

Devon Energy – Dale Woodall – [dale.woodall@devon.com](mailto:dale.woodall@devon.com) – 575-748-0167

Pima Environmental – Tom Bynum – [tom@pimaoil.com](mailto:tom@pimaoil.com) – 580-748-1613

### **Attachments**

#### **Figures:**

- 1-Location Map
- 2-Topographic Map
- 3-Karst Map
- 4-Site Map

#### **Appendices:**

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

## Figures

1 – Location Map

2 – Topographic Map

3 – Karst Map


4 – Site Map

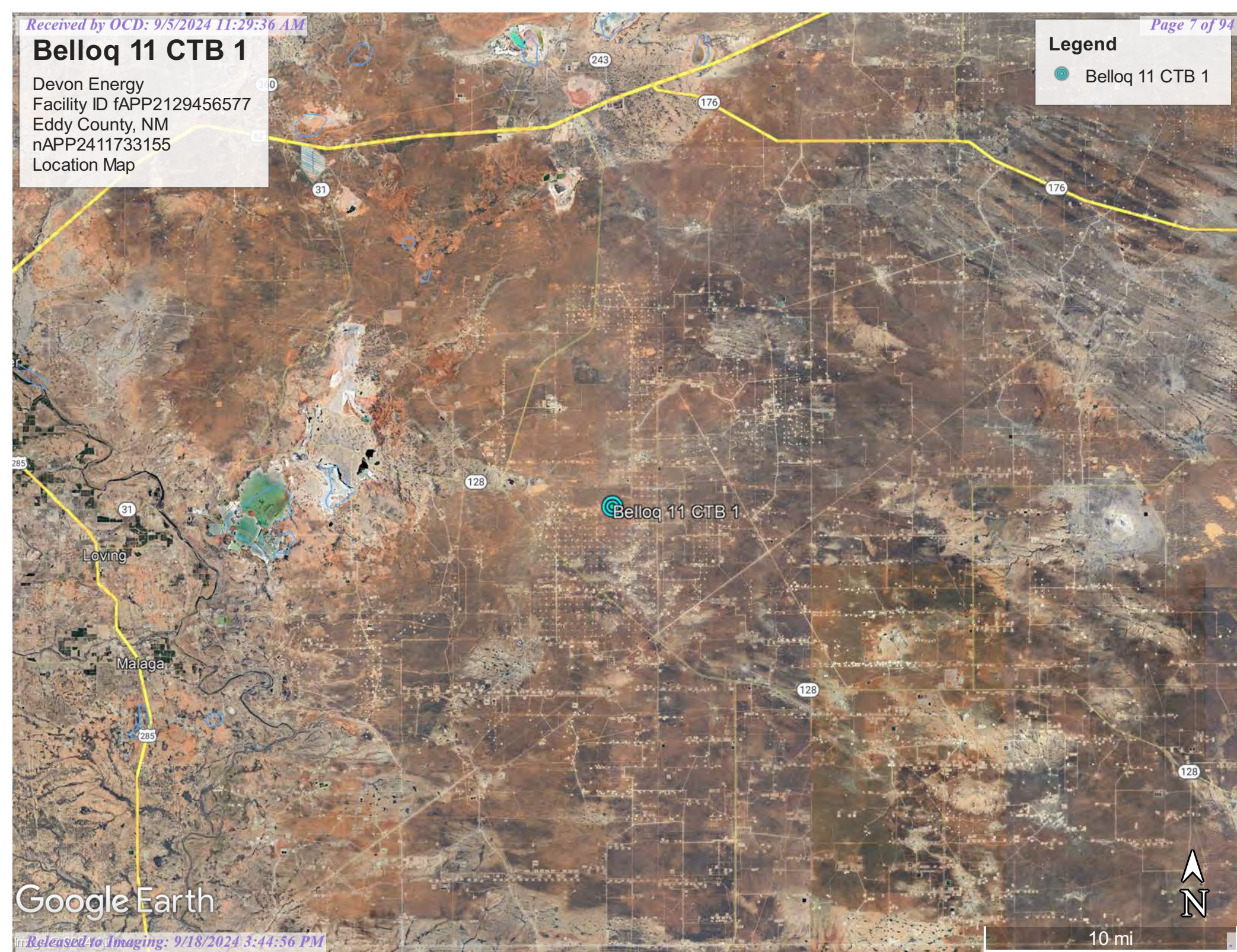


# Belloq 11 CTB 1

Devon Energy  
Facility ID fAPP2129456577  
Eddy County, NM  
nAPP2411733155  
Location Map

## Legend


 Belloq 11 CTB 1

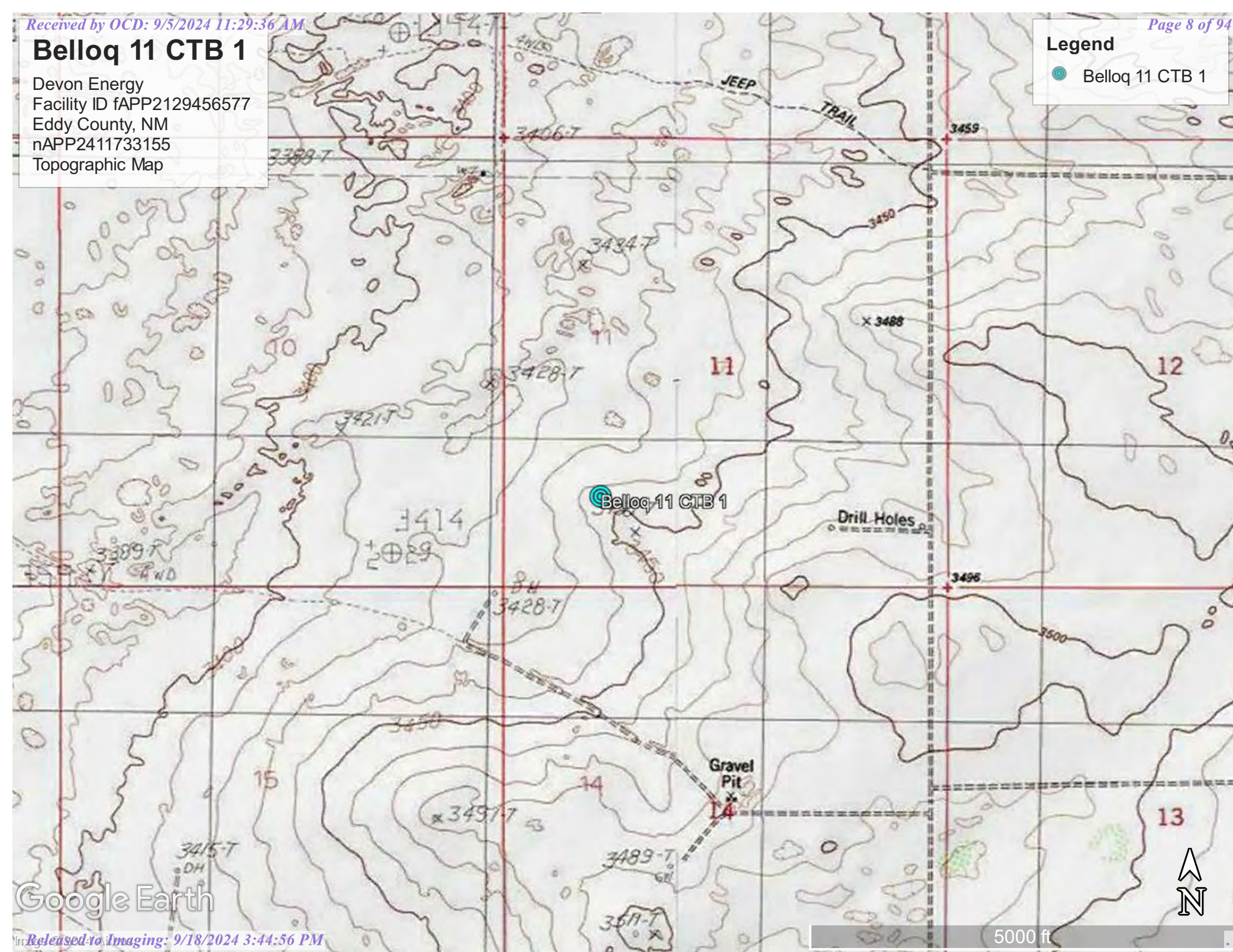


Google Earth



Devon Energy  
Facility ID fAPP2129456577  
Eddy County, NM  
nAPP2411733155  
Topographic Map

 Belloq 11 CTB 1








# Belloq 11 CTB 1

Devon Energy  
Facility ID fAPP2129456577  
Eddy County, NM  
nAPP2411733155  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst

 Belloq 11 CTB 1

128

797

Google Earth



2 mi



# Belloq 11 CTB 1

Devon Energy  
Facility ID fAPP2129456577  
Eddy County, NM  
nAPP2411733155  
Site Map

## Legend

- 32.314111, -103.754142
- Borehole Area
- Horizontal delineation samples
- Release area - 811 sqft
- Vertical delineation samples

32.314937, -103.753861

SW3  
S4  
S3  
SW2  
S2  
S1  
SW1

Belloq 11 CTB 1

BG1

32.314111, -103.754142



100 ft

Google Earth Borehole Area



## 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	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C 02777</a>		CUB	ED	4	4	4	10	23S	31E	616974	3575662	505	890		
<a href="#">C 03749 POD1</a>		CUB	ED		2	2	15	23S	31E	616974	3575662	505	865	639	226
<a href="#">C 04712 POD4</a>		CUB	ED	1	4	3	14	23S	31E	617535	3574316	1695	55		
<a href="#">C 04709 POD1</a>		CUB	ED	3	1	1	15	23S	31E	615509	3575262	1983			
<a href="#">C 04774 POD1</a>		CUB	ED	4	2	2	23	23S	31E	618456	3573856	2414	105		
<a href="#">C 02773</a>		CUB	ED	4	1	3	03	23S	31E	615668	3577762*	2433	880		
<a href="#">C 04704 POD1</a>		CUB	ED	3	2	2	13	23S	31E	619854	3575363	2585			
<a href="#">C 03140</a>		CUB	ED	4	2	4	04	23S	31E	615266	3577758*	2724	684		
<a href="#">C 04712 POD5</a>		CUB	ED	4	4	3	09	23S	31E	614393	3575754	2966	55		

Average Depth to Water: **639 feet**  
Minimum Depth: **639 feet**  
Maximum Depth: **639 feet**

**Record Count:** 9

### UTMNAD83 Radius Search (in meters):

**Easting (X):** 617348.89

**Northing (Y):** 3576001.68

**Radius:** 3000

\*UTM location was derived from PLSS - see Help

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

5/21/24 7:44 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S) C-4855	
	WELL OWNER NAME(S) Devon Energy Production				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 6488 Seven Rivers Hwy.				CITY Artesia	STATE NM
					ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 18	SECONDS 50.80	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE -103	45	09.61	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SE SW S-32 T-24S R-32E						

2. DRILLING & CASING INFORMATION	LICENSE NO WD-1862		NAME OF LICENSED DRILLER James Hawley		NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC.		
	DRILLING STARTED 8/8/24	DRILLING ENDED 8/8/24	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 8/14/24	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
				No Casing left in hole			

3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A		

FOR OSE INTERNAL USE

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

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

#### 4. HYDROGEOLOGIC LOG OF WELL

### TEST: PIC SUPERVISION

### SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2





# PLUGGING RECORD



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

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4855 Pod-1  
 Well owner: Devon Energy Production Phone No.: \_\_\_\_\_  
 Mailing address: 6488 Seven Rivers Hwy  
 City: Artesia State: NM Zip code: 88210

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC.
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):  
James Hawley
- 4) Date well plugging began: 8/14/24 Date well plugging concluded: 8/14/24
- 5) GPS Well Location: Latitude: 32 deg, 18 min, 50.80 sec  
 Longitude: -103 deg, 45 min, 09.61 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),  
 by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/1/24
- 9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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

[illegible]

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

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

Signature of \_\_\_\_\_

Signature of Well Driller

8/15/24

Date \_\_\_\_\_



# OSE POD Location Map



8/16/2024, 8:14:36 AM

GIS WATERS PODs

- Active
- Pending

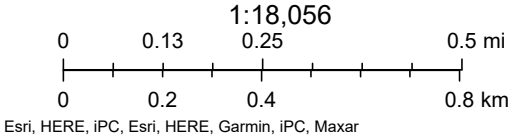


OSE District Boundary

Water Right Regulations



Artesian Planning Area







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

## National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News 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 =

- 322046103460301

Minimum number of levels = 1

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

### USGS 322046103460301 22S.31E.34.321

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°20'46", Longitude 103°46'03" NAD27

Land-surface elevation 3,448 feet above NGVD29

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

This well is completed in the Delaware Mountain Group (313DLRM) local aquifer.

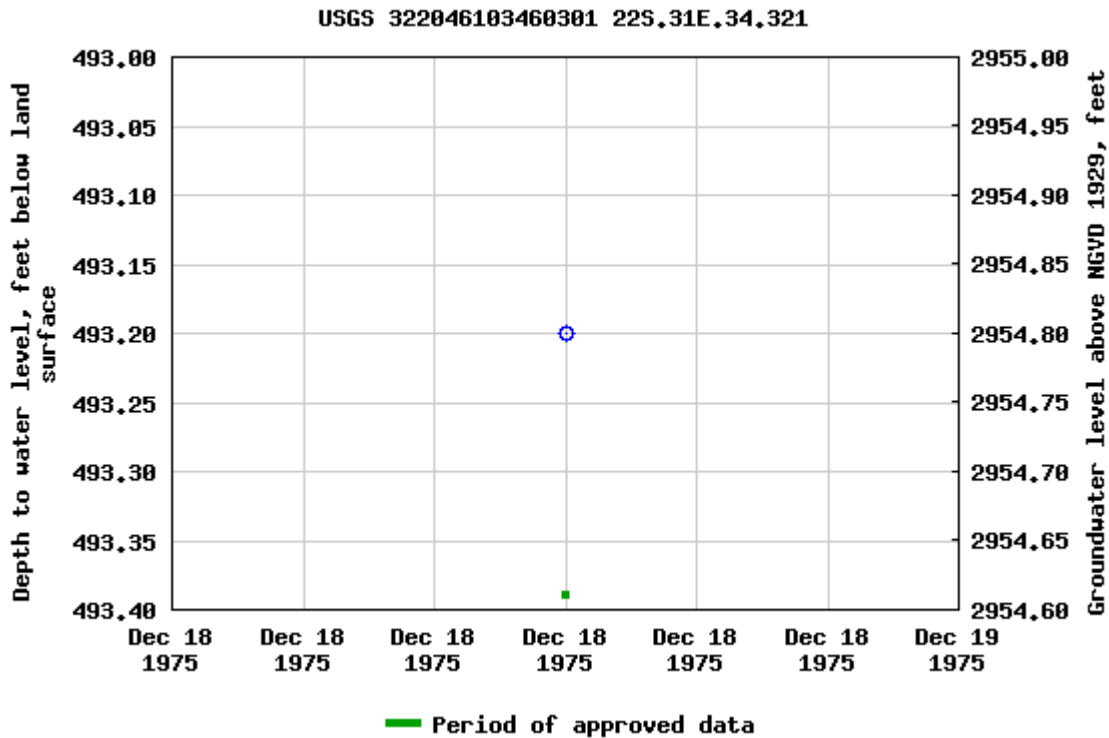
#### Output formats

[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.

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**Title: Groundwater for USA: Water Levels**

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



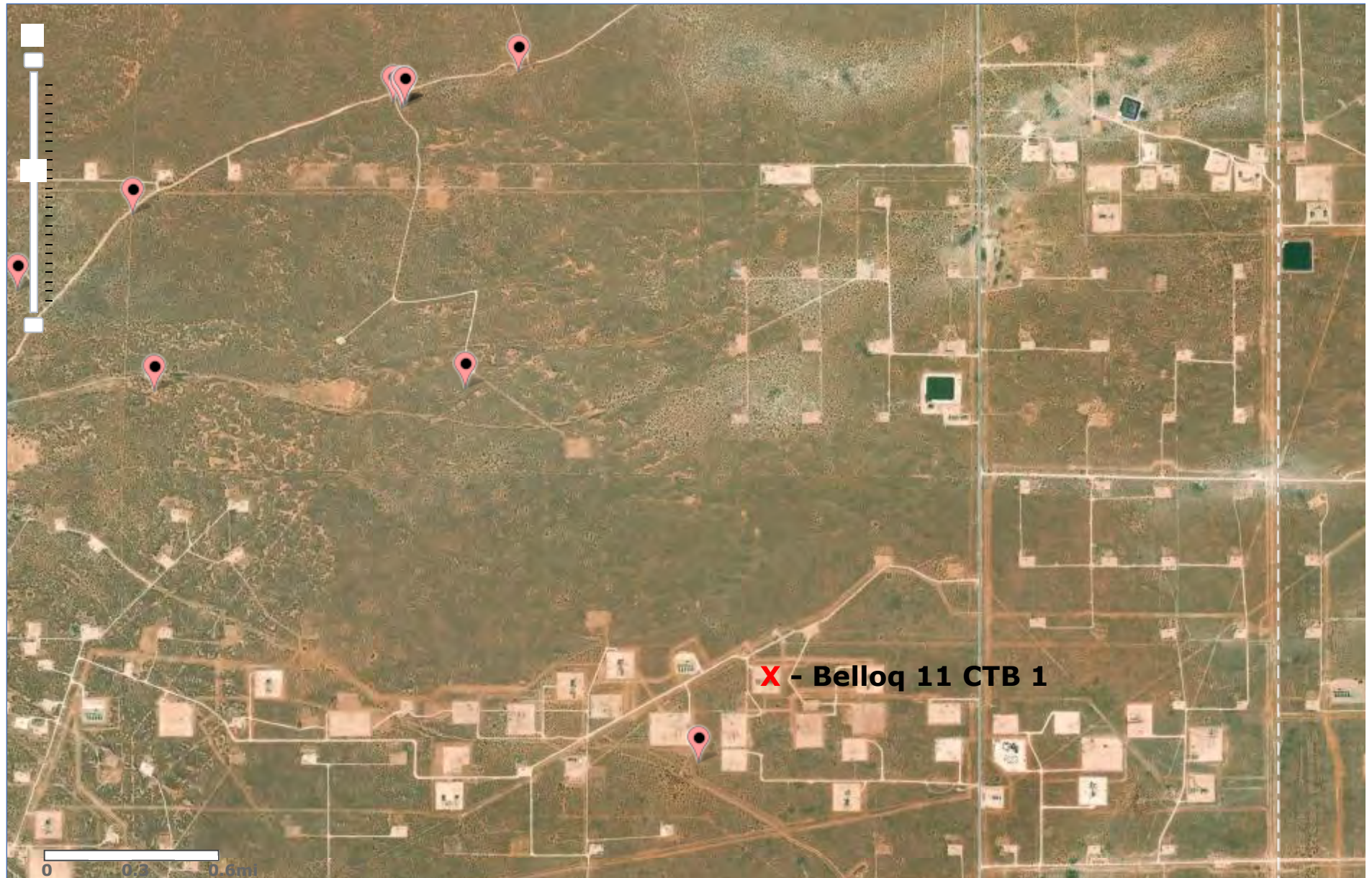
Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2024-05-21 08:31:22 EDT

0.63 0.56 nadww01



## National Water Information System: Mapper



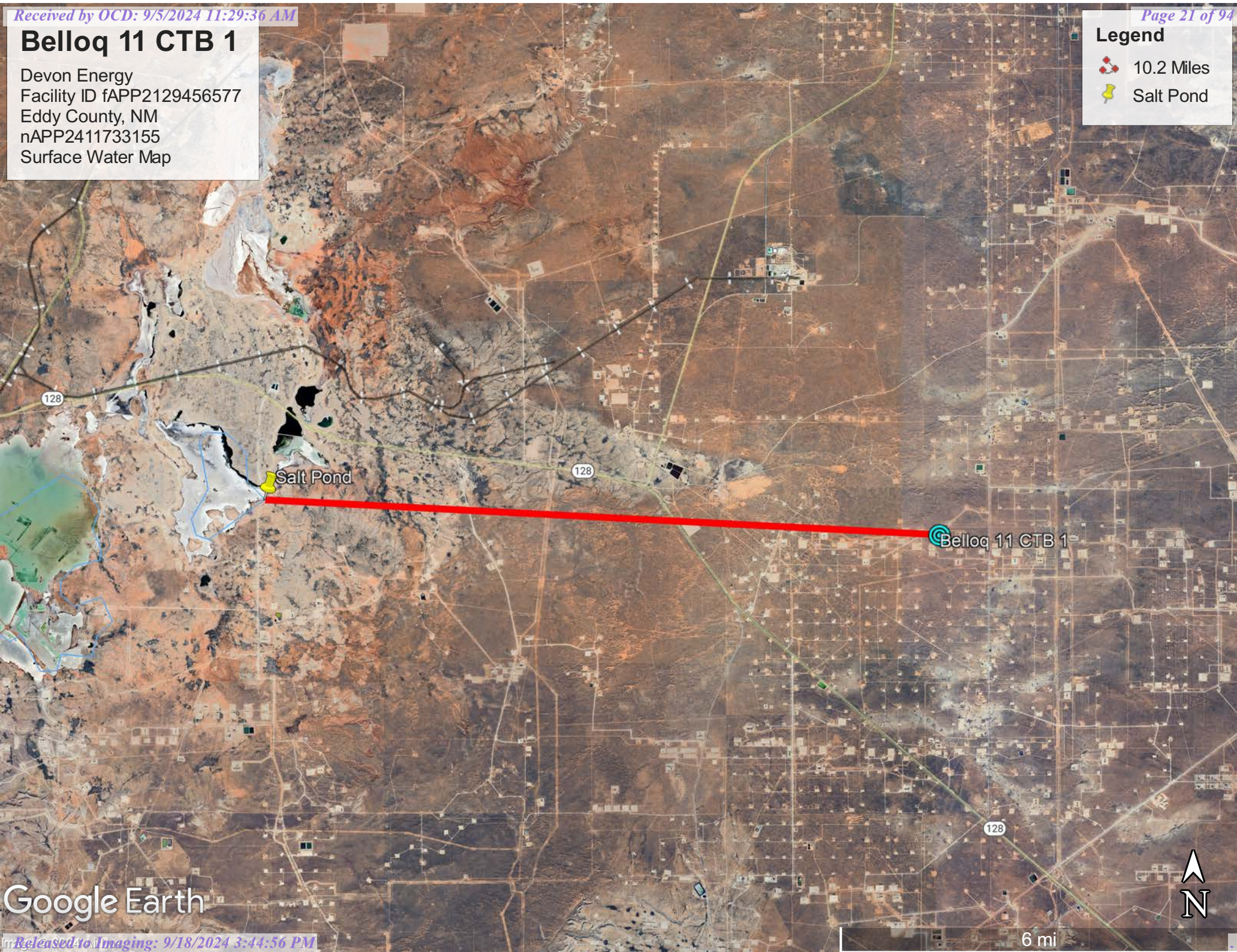


# Belloq 11 CTB 1

Devon Energy  
Facility ID fAPP2129456577  
Eddy County, NM  
nAPP2411733155  
Surface Water Map

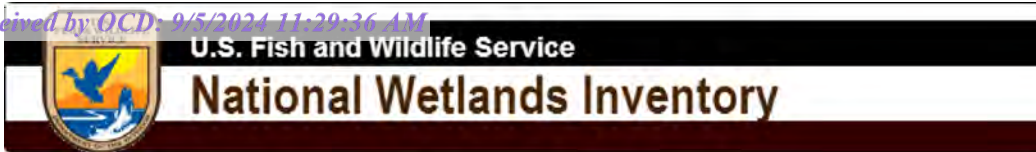
## Legend

- 10.2 Miles
- Salt Pond

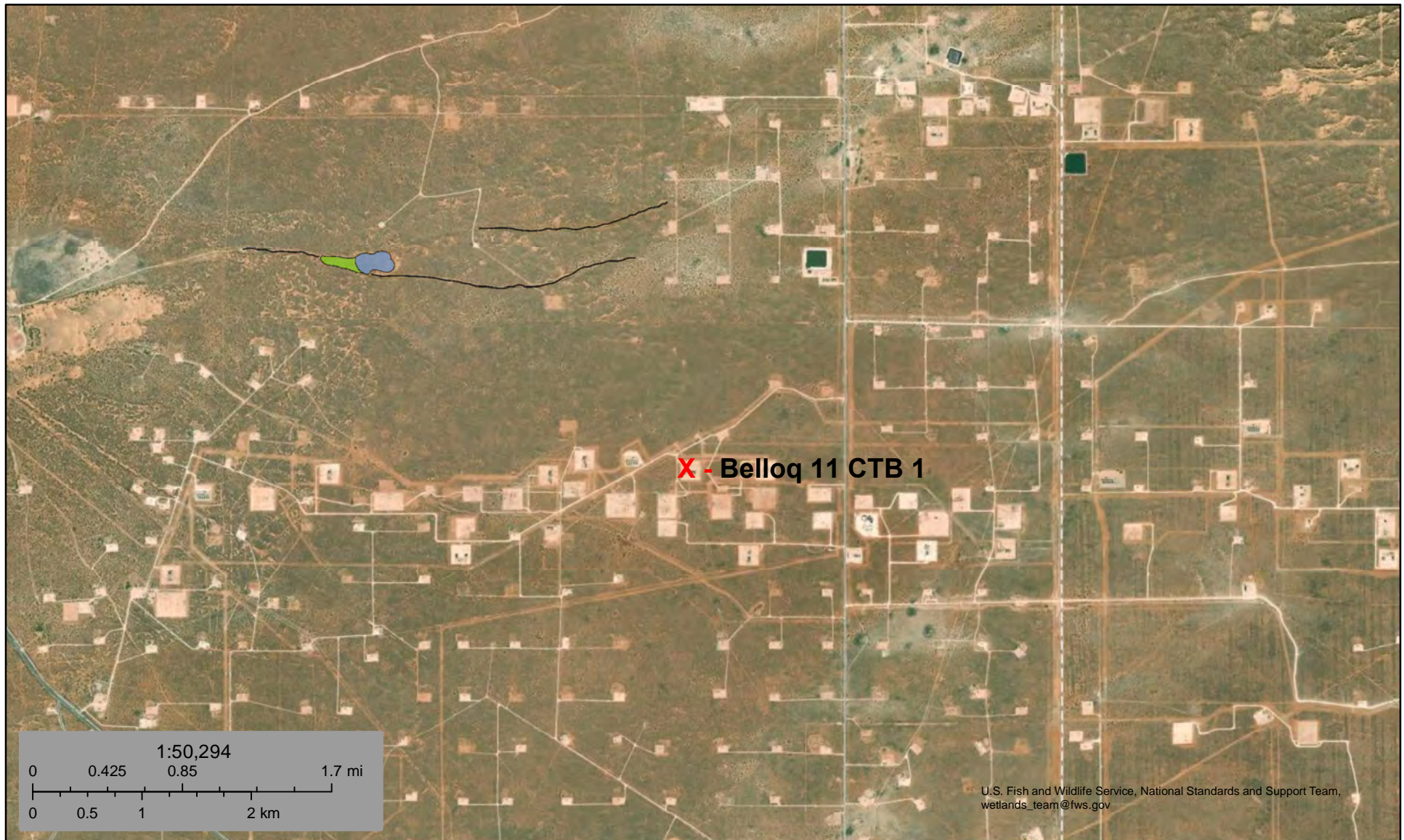


Google Earth









## Wetlands Map



May 21, 2024

**Wetlands**

	Estuarine and Marine Deepwater		Freshwater Emergent Wetland		Lake
	Estuarine and Marine Wetland		Freshwater Forested/Shrub Wetland		Other
			Freshwater Pond		Riverine

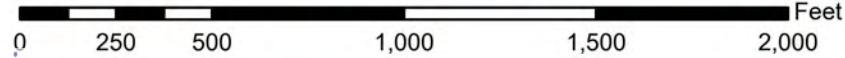
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# National Flood Hazard Layer FIRMette



103°45'31"W 32°19'8"N



1:6,000

103°44'54"W 32°18'38"N

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
		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
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
	Hydrographic Feature	
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/14/2024 at 12:01 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.

Released to Imaging: 9/18/2024 3:44:56 PM

Received by OCD: 9/18/2024 11:29:36 AM

Page 23 of 94

## Appendix B

Soil Survey

Soil Map

Geologic Unit Map



Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### BB—Berino complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w43

*Elevation:* 2,000 to 5,700 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 180 to 260 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 60 percent

*Pajarito and similar soils:* 25 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 58 inches:* sandy clay loam

*H3 - 58 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: B*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### **Description of Pajarito**

#### **Setting**

*Landform: Dunes, plains, interdunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Convex, linear*  
*Parent material: Mixed alluvium and/or eolian sands*

#### **Typical profile**

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 72 inches: fine sandy loam*

#### **Properties and qualities**

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: 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: 40 percent*  
*Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)*

#### **Interpretive groups**

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### **Minor Components**

#### **Wink**

*Percent of map unit: 4 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

#### **Cacique**

*Percent of map unit: 4 percent*  
*Ecological site: R070BD004NM - Sandy*  
*Hydric soil rating: No*

#### **Pajarito**

*Percent of map unit: 4 percent*



Map Unit Description: Berino complex, 0 to 3 percent slopes, eroded---Eddy Area, New Mexico

---

*Ecological site:* R070BD003NM - Loamy Sand

*Hydric soil rating:* No

**Kermit**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

## Soil Map—Eddy Area, New Mexico



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey


5/21/2024  
Page 1 of 3



## Soil Map—Eddy Area, New Mexico

## MAP LEGEND

## Area of Interest (AOI)

 Area of Interest (AOI)

## Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

## Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

## Water Features



Streams and Canals

## Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

## Background



Aerial Photography

## MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

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

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

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

Map Unit Legend


Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	10.9	100.0%
Totals for Area of Interest		10.9	100.0%




# Belloq 11 CTB 1

Devon Energy  
Facility ID fAPP2129456577  
Eddy County, NM  
nAPP2411733155  
Geologic Unit Map

## Legend

 Eolian and piedmont deposits

 Belloq 11 CTB 1

Google Earth



4000 ft

## Appendix C

### 48-Hour Notifications





Tom Pima Oil &lt;tom@pimaoil.com&gt;

**FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375460**

1 message

**Woodall, Dale** <Dale.Woodall@dvn.com>

Tue, Aug 20, 2024 at 10:18 AM

To: Tom Pima Oil &lt;tom@pimaoil.com&gt;, Gio PimaOil &lt;gio@pimaoil.com&gt;, Delrae Pima Oil &lt;delrae@pimaoil.com&gt;, "sebastian@pimaoil.com" &lt;sebastian@pimaoil.com&gt;, Lynsey Pima Oil &lt;lynsey@pimaoil.com&gt;

Dale Woodall

*Environmental Professional**Hobbs, NM**Office: 575-748-1838**Mobile: 405-318-4697**[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)***From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>**Sent:** Tuesday, August 20, 2024 9:17 AM**To:** Woodall, Dale <[Dale.Woodall@dvn.com](mailto:Dale.Woodall@dvn.com)>**Subject:** [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 375460

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#) nAPP2411733155.

The sampling event is expected to take place:

**When:** 08/22/2024 @ 13:30**Where:** M-11-23S-31E 1088 FSL 1140 FWL (32.31470991,-103.7534005)**Additional Information:** Andrew Franco (806) 200-0054**Additional Instructions:** From the intersection of NM128 and Red Road in Eddy County, travel north on Red Rd for 4.6 miles, turn west on lease road for 0.9 miles, turn south on lease road for 230 feet, cross cattle guard 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

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

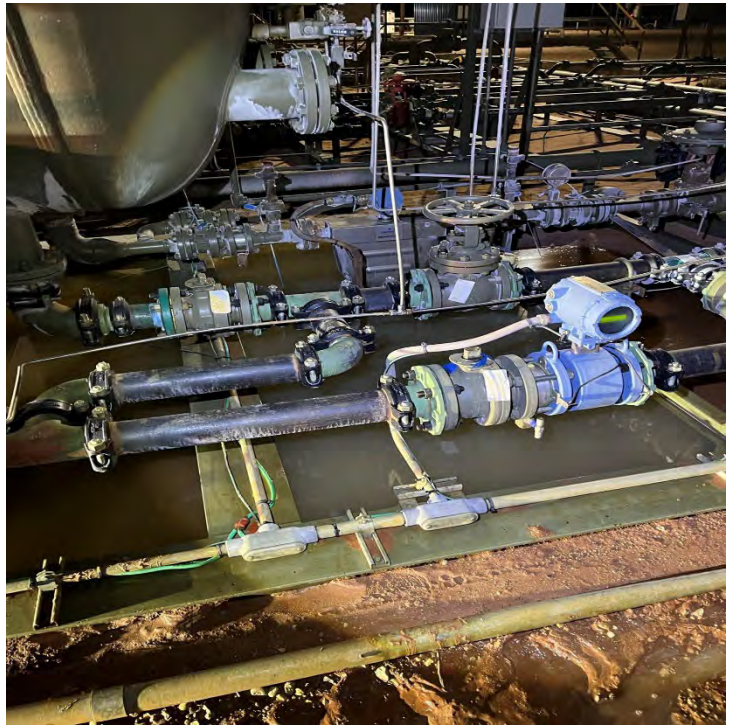
## Appendix D

### Photographic Documentation





Lease Sign



Point of Release



Spill between skids



Assessment 1





Assessment 2



Assessment 3



Assessment 4



Assessment 5



Assessment 6



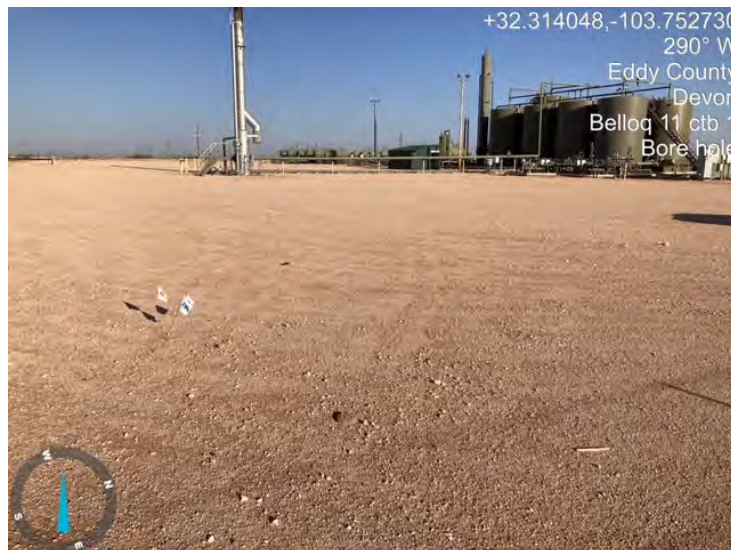
Assessment 7



Belloq 11 CTB 1



Flag borehole location



Flag borehole location



Drilling borehole to 105'



Borehole after 72 hours



Borehole after 72 hours



Borehole after 72 hours





Borehole soil types



Borehole backfilled



Borehole backfilled



# Appendix E

## Laboratory Reports

Report to:  
Gio Gomez



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Bell 09 11 CTB1

Work Order: E405146

Job Number: 01058-0007

Received: 5/10/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/20/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 5/20/24

Gio Gomez  
PO Box 247  
Plains, TX 79355-0247



Project Name: Bell 09 11 CTB1  
Workorder: E405146  
Date Received: 5/10/2024 5:00:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/10/2024 5:00:00AM, under the Project Name: Bell 09 11 CTB1.

The analytical test results summarized in this report with the Project Name: Bell 09 11 CTB1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported:  05/20/24 08:42
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1 - 1'	E405146-01A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 - 2'	E405146-02A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 - 3'	E405146-03A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S1 - 4'	E405146-04A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 - 1'	E405146-05A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 - 2'	E405146-06A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 - 3'	E405146-07A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
S2 - 4'	E405146-08A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW1	E405146-09A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW2	E405146-10A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW3	E405146-11A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
SW4	E405146-12A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.
BG1	E405146-13A	Soil	05/08/24	05/10/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Bell 09 11 CTB1 Project Number: 01058-0007 Project Manager: Gio Gomez	Reported: 5/20/2024 8:42:04AM
---	---	----------------------------------

S1 - 1'

E405146-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		97.4 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		102 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		97.4 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420077	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane		97.9 %	50-200	05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420125	
Chloride	783	20.0	1	05/15/24	05/17/24	





## Sample Data

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

Project Name: Bell 09 11 CTB1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 8:42:04AM

S1 - 2'

E405146-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		97.3 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane		93.0 %	50-200	05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420125
Chloride	723	20.0	1	05/15/24	05/17/24	



## Sample Data

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

Project Name: Bell 09 11 CTB1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 8:42:04AM

S1 - 3'

E405146-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		95.7 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		101 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		95.7 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane		104 %	50-200	05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	





## Sample Data

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

Project Name: Bell 09 11 CTB1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 8:42:04AM

S1 - 4'

E405146-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		96.1 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		96.1 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane		111 %	50-200	05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 1'

E405146-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.4 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.4 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	106 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420125
Chloride	746	20.0	1	05/15/24	05/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 2'

E405146-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.5 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.5 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420077	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	97.8 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420125	
Chloride	701	20.0	1	05/15/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 3'

E405146-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.2 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	98.1 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.2 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420077	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	105 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420125	
Chloride	ND	20.0	1	05/15/24	05/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

S2 - 4'

E405146-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	97.4 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.3 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2419198	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	97.4 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.3 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2420077	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	108 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2420125	
Chloride	ND	20.0	1	05/15/24	05/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW1

E405146-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	99.9 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.0 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	99.9 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.0 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	95.4 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW2

E405146-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	97.5 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	95.8 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	97.5 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	95.8 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	109 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

SW3

E405146-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	96.7 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.9 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	96.7 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	104 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	96.9 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	109 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	



## Sample Data

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

Project Name: Bell 09 11 CTB1  
Project Number: 01058-0007  
Project Manager: Gio Gomez

**Reported:**  
5/20/2024 8:42:04AM

## SW4

## E405146-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		96.5 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene		100 %	70-130	05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	05/10/24	05/15/24	
Surrogate: Toluene-d8		96.5 %	70-130	05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane		108 %	50-200	05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	





Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported: 5/20/2024 8:42:04AM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	

BG1

E405146-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Benzene	ND	0.0250	1	05/10/24	05/15/24	
Ethylbenzene	ND	0.0250	1	05/10/24	05/15/24	
Toluene	ND	0.0250	1	05/10/24	05/15/24	
o-Xylene	ND	0.0250	1	05/10/24	05/15/24	
p,m-Xylene	ND	0.0500	1	05/10/24	05/15/24	
Total Xylenes	ND	0.0250	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	97.8 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	95.7 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2419198
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/10/24	05/15/24	
Surrogate: Bromofluorobenzene	97.8 %	70-130		05/10/24	05/15/24	
Surrogate: 1,2-Dichloroethane-d4	103 %	70-130		05/10/24	05/15/24	
Surrogate: Toluene-d8	95.7 %	70-130		05/10/24	05/15/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2420077
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/24	05/18/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/14/24	05/18/24	
Surrogate: n-Nonane	103 %	50-200		05/14/24	05/18/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: DT		Batch: 2420125
Chloride	ND	20.0	1	05/15/24	05/17/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 8:42:04AM

Volatile Organic Compounds by EPA 8260B

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 (2419198-BLK1) Prepared: 05/10/24 Analyzed: 05/15/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2419198-BS1) Prepared: 05/10/24 Analyzed: 05/15/24

Benzene	2.84	0.0250	2.50		113	70-130			
Ethylbenzene	2.62	0.0250	2.50		105	70-130			
Toluene	2.53	0.0250	2.50		101	70-130			
o-Xylene	2.55	0.0250	2.50		102	70-130			
p,m-Xylene	4.99	0.0500	5.00		99.8	70-130			
Total Xylenes	7.54	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.516		0.500		103	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS Dup (2419198-BSD1) Prepared: 05/10/24 Analyzed: 05/15/24

Benzene	2.95	0.0250	2.50		118	70-130	4.04	23	
Ethylbenzene	2.72	0.0250	2.50		109	70-130	3.50	27	
Toluene	2.59	0.0250	2.50		104	70-130	2.11	24	
o-Xylene	2.69	0.0250	2.50		108	70-130	5.41	27	
p,m-Xylene	5.24	0.0500	5.00		105	70-130	4.83	27	
Total Xylenes	7.93	0.0250	7.50		106	70-130	5.03	27	
Surrogate: Bromofluorobenzene	0.497		0.500		99.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 8:42:04AM

Nonhalogenated Organics by EPA 8015D - GRO

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 (2419198-BLK1) Prepared: 05/10/24 Analyzed: 05/15/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			

LCS (2419198-BS2) Prepared: 05/10/24 Analyzed: 05/15/24

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

LCS Dup (2419198-BSD2) Prepared: 05/10/24 Analyzed: 05/15/24

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0		110	70-130	1.89	20	
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 8:42:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420077-BLK1) Prepared: 05/14/24 Analyzed: 05/18/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	50-200			

LCS (2420077-BS1) Prepared: 05/14/24 Analyzed: 05/18/24

Diesel Range Organics (C10-C28)	281	25.0	250		112	38-132			
Surrogate: n-Nonane	56.3		50.0		113	50-200			

LCS Dup (2420077-BSD1) Prepared: 05/14/24 Analyzed: 05/18/24

Diesel Range Organics (C10-C28)	283	25.0	250		113	38-132	0.838	20	
Surrogate: n-Nonane	56.2		50.0		112	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	5/20/2024 8:42:04AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2420125-BLK1)					Prepared: 05/15/24 Analyzed: 05/17/24				
Chloride	ND	20.0							
LCS (2420125-BS1)					Prepared: 05/15/24 Analyzed: 05/17/24				
Chloride	253	20.0	250		101	90-110			
LCS Dup (2420125-BSD1)					Prepared: 05/15/24 Analyzed: 05/17/24				
Chloride	267	20.0	250		107	90-110	5.67	20	

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Bell 09 11 CTB1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Gio Gomez	05/20/24 08:42

- ND            Analyte NOT DETECTED at or above the reporting limit
- NR            Not Reported
- RPD          Relative Percent Difference
- DNI          Did Not Ignite
- DNR          Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





## Project Information

## Chain of Custody

Page 1 of 2Client: Pima Environmental ServicesProject: Bello911ETB1Project Manager: Glo GomezAddress: 5614 N. Lovington Hwy.City, State, Zip: Hobbs, NM, 88240Phone: 806-782-1151Email: glo@pimaoli.com

Report due by:

Bill To

Attention: Devon

Address:

City, State, Zip

Phone:

Email:

Pima Project # 1-366-2

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Analysis and Method										TAT		EPA Program	
						DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BDOC NM	BDOC TX	1D	2D	3D	Standard	CWA	SDWA
8:36	5/8	S		S1-1'	1														
8:41				S1-2'	2														
8:50				S1-3'	3														
8:59				S1-4'	4														
9:07				S2-1'	5														
9:11				S2-2'	6														
9:21				S2-3'	7														
9:36				S2-4'	8														
9:43				SW1	9														
9:51				SWZ	10														

## Additional Instructions:

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

Sampled by:

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

Relinquished by: (Signature)

Date

Time

Received by: (Signature)

Date

Time

Relinquished by: (Signature)

Date

Time

Received by: (Signature)

Date

Time

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Samples will be returned to client or disposed of at the client expense. The report for the analysis of the above is limited to the amount paid for on the report.







## Envirotech Analytical Laboratory

Printed: 5/14/2024 1:40:57PM

## 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:	05/10/24 05:00	Work Order ID:	E405146
Phone:	(575) 631-6977	Date Logged In:	05/09/24 16:34	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	05/16/24 17:00 (4 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

No. of Containers is not documented on COC by client

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

Date



envirotech Inc.



Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Belloq 11 CTB 1

Work Order: E408223

Job Number: 01058-0007

Received: 8/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/3/24

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 9/3/24

Tom Bynum  
PO Box 247  
Plains, TX 79355-0247



Project Name: Belloq 11 CTB 1  
Workorder: E408223  
Date Received: 8/27/2024 5:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/27/2024 5:00:00AM, under the Project Name: Belloq 11 CTB 1.

The analytical test results summarized in this report with the Project Name: Belloq 11 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/03/24 16:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S3-Surface	E408223-01A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S3-1'	E408223-02A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S3-2'	E408223-03A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S3-3'	E408223-04A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S3-4'	E408223-05A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S4-Surface	E408223-06A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S4-1'	E408223-07A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S4-2'	E408223-08A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S4-3'	E408223-09A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.
S4-4'	E408223-10A	Soil	08/22/24	08/27/24	Glass Jar, 2 oz.



Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Belloq 11 CTB 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:25:44PM
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S3-Surface  
E408223-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2435047	
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8	95.7 %	70-130		08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2435047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene	99.3 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8	95.7 %	70-130		08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2435058	
Diesel Range Organics (C10-C28)	74.3	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane	83.0 %	50-200		08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2435032	
Chloride	384	20.0	1	08/27/24	08/28/24	



## Sample Data

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

Project Name: Belloq 11 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/3/2024 4:25:44PM

S3-1'

E408223-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		77.7 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	4110	40.0	2	08/27/24	08/28/24	





Sample Data

Pima Environmental Services-Carlsbad PO Box 247 Plains TX, 79355-0247	Project Name: Belloq 11 CTB 1 Project Number: 01058-0007 Project Manager: Tom Bynum	Reported: 9/3/2024 4:25:44PM
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S3-2'

E408223-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		79.3 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	608	20.0	1	08/27/24	08/28/24	



## Sample Data

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

Project Name: Belloq 11 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/3/2024 4:25:44PM

S3-3'

E408223-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		98.1 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		98.1 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		80.7 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	615	20.0	1	08/27/24	08/28/24	



## Sample Data

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

Project Name: Belloq 11 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/3/2024 4:25:44PM

S3-4'

E408223-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		75.2 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	518	20.0	1	08/27/24	08/28/24	





## Sample Data

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

Project Name: Belloq 11 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/3/2024 4:25:44PM

## S4-Surface

E408223-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		96.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		96.5 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		78.7 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	765	20.0	1	08/27/24	08/28/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	Reported: 9/3/2024 4:25:44PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S4-1'

E408223-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		96.3 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		96.3 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		80.8 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	755	20.0	1	08/27/24	08/28/24	



## Sample Data

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

Project Name: Belloq 11 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/3/2024 4:25:44PM

S4-2'

E408223-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.7 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		97.7 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		81.0 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	224	20.0	1	08/27/24	08/28/24	





## Sample Data

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

Project Name: Belloq 11 CTB 1  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
9/3/2024 4:25:44PM

S4-3'

E408223-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		96.6 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2435047
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		96.6 %	70-130	08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: NV		Batch: 2435058
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		81.8 %	50-200	08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2435032
Chloride	278	20.0	1	08/27/24	08/28/24	



Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	<b>Reported:</b> 9/3/2024 4:25:44PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

S4-4'

E408223-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2435047	
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene	102 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8	98.6 %	70-130		08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2435047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene	102 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4	98.7 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8	98.6 %	70-130		08/27/24	08/27/24	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: NV		Batch: 2435058	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane	75.1 %	50-200		08/27/24	08/30/24	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2435032	
Chloride	299	20.0	1	08/27/24	08/28/24	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/3/2024 4:25:44PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2435047-BLK1) Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

LCS (2435047-BS1) Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	2.23	0.0250	2.50		89.4	70-130			
Ethylbenzene	2.31	0.0250	2.50		92.6	70-130			
Toluene	2.15	0.0250	2.50		86.1	70-130			
o-Xylene	2.28	0.0250	2.50		91.1	70-130			
p,m-Xylene	4.58	0.0500	5.00		91.6	70-130			
Total Xylenes	6.86	0.0250	7.50		91.4	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike (2435047-MS1) Source: E408223-04 Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	2.39	0.0250	2.50	ND	95.6	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.1	45-135			
Toluene	2.30	0.0250	2.50	ND	92.0	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.3	43-135			
p,m-Xylene	4.92	0.0500	5.00	ND	98.4	43-135			
Total Xylenes	7.38	0.0250	7.50	ND	98.4	43-135			
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike Dup (2435047-MSD1) Source: E408223-04 Prepared: 08/27/24 Analyzed: 08/27/24

Benzene	2.22	0.0250	2.50	ND	88.9	48-131	7.29	23	
Ethylbenzene	2.29	0.0250	2.50	ND	91.5	45-135	6.96	27	
Toluene	2.14	0.0250	2.50	ND	85.5	48-130	7.28	24	
o-Xylene	2.28	0.0250	2.50	ND	91.0	43-135	7.67	27	
p,m-Xylene	4.58	0.0500	5.00	ND	91.6	43-135	7.19	27	
Total Xylenes	6.85	0.0250	7.50	ND	91.4	43-135	7.35	27	
Surrogate: Bromofluorobenzene	0.504		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	Reported:  9/3/2024 4:25:44PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2435047-BLK1) Prepared: 08/27/24 Analyzed: 08/27/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.509		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.485		0.500		96.9	70-130			

LCS (2435047-BS2) Prepared: 08/27/24 Analyzed: 08/27/24

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.495		0.500		99.0	70-130			

Matrix Spike (2435047-MS2) Source: E408223-04 Prepared: 08/27/24 Analyzed: 08/27/24

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

Matrix Spike Dup (2435047-MSD2) Source: E408223-04 Prepared: 08/27/24 Analyzed: 08/27/24

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130	5.69	20	
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/3/2024 4:25:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2435058-BLK1) Prepared: 08/27/24 Analyzed: 08/30/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.4		50.0		82.8	50-200			

LCS (2435058-BS1) Prepared: 08/27/24 Analyzed: 08/30/24

Diesel Range Organics (C10-C28)	196	25.0	250		78.3	38-132			
Surrogate: n-Nonane	40.2		50.0		80.5	50-200			

Matrix Spike (2435058-MS1) Source: E408223-01 Prepared: 08/27/24 Analyzed: 08/30/24

Diesel Range Organics (C10-C28)	274	25.0	250	74.3	80.0	38-132			
Surrogate: n-Nonane	44.0		50.0		88.0	50-200			

Matrix Spike Dup (2435058-MSD1) Source: E408223-01 Prepared: 08/27/24 Analyzed: 08/30/24

Diesel Range Organics (C10-C28)	283	25.0	250	74.3	83.4	38-132	3.04	20	
Surrogate: n-Nonane	43.6		50.0		87.1	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Belloq 11 CTB 1	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	9/3/2024 4:25:44PM

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2435032-BLK1)					Prepared: 08/27/24 Analyzed: 08/28/24				
Chloride	ND	20.0							
LCS (2435032-BS1)					Prepared: 08/27/24 Analyzed: 08/28/24				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2435032-MS1)					Source: E408223-03		Prepared: 08/27/24 Analyzed: 08/28/24		
Chloride	913	20.0	250	608	122	80-120			M1
Matrix Spike Dup (2435032-MSD1)					Source: E408223-03		Prepared: 08/27/24 Analyzed: 08/28/24		
Chloride	935	20.0	250	608	130	80-120	2.36	20	M1

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:	Belloq 11 CTB 1	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	09/03/24 16:25

- M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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







## Envirotech Analytical Laboratory

Printed: 8/27/2024 10:07:14AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Pima Environmental Services-Carlsbad	Date Received:	08/27/24 06:00	Work Order ID:	E408223
Phone:	(575) 631-6977	Date Logged In:	08/26/24 17:02	Logged In By:	Noe Soto
Email:	tom@pimaoil.com	Due Date:	09/03/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Sampled by name is missing on COC.  
Time and collector initial missing on samples.

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
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QUESTIONS

Action 380936

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 380936
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2411733155
Incident Name	NAPP2411733155 BELLOQ 11 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2129456577] BELLOQ 11 CTB 1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BELLOQ 11 CTB 1
Date Release Discovered	04/26/2024
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   Valve   Produced Water   Released: 10 BBL   Recovered: 6 BBL   Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	found a ball valve with a pin hole leak spraying produced water onto the ground by the separators. 10 bbls estimated to be released. 6 bbls recovered.

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QUESTIONS, Page 2

Action 380936

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380936
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 09/05/2024
--	--

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QUESTIONS, Page 3

Action 380936

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380936
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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)	Greater than 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	Between 1 and 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)	4110
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	74.3
GRO+DRO	(EPA SW-846 Method 8015M)	74.3
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	05/08/2024
On what date will (or did) the final sampling or liner inspection occur	08/22/2024
On what date will (or was) the remediation complete(d)	08/22/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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



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QUESTIONS, Page 4

Action 380936

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 380936
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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)	Yes
Other Non-listed Remedial Process. Please specify	Based on the laboratory results, the contamination levels are under the regulatory limits as per the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC.

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 09/05/2024
--	--

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, Page 5  
  
Action 380936

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 380936
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 380936

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380936
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>375460</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>08/22/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>10</b>
What was the sampling surface area in square feet	<b>811</b>

**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	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>No</b>
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>0</b>
What was the total volume (cubic yards) remediated	<b>0</b>
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	<b>Yes</b>
What was the total surface area (in square feet) reclaimed	<b>0</b>
What was the total volume (in cubic yards) reclaimed	<b>0</b>
Summarize any additional remediation activities not included by answers (above)	Based on the laboratory results, the contamination levels are under the regulatory limits as per the greater than 100-foot depth to groundwater section of Table 1 19.15.29.12 NMAC

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 09/05/2024
--	--

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QUESTIONS, Page 7  
  
Action 380936

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	380936
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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



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CONDITIONS  
  
Action 380936

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 380936
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	9/18/2024