

NAPP2311348527

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>344</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>14.333</u>
Barrels of Soil Impacted	<u>2.55</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>0.38</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	0.38
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>344</u>	<u>2.000</u>
Standing fluid	<u>10.220</u>
<b>Total fluids spilled</b>	<b><u>10.603</u></b>



**Pima Environmental Services**  
**5614 N. Lovington Highway**  
**Hobbs, NM 88240**  
**575-964-7740**

March 28, 2024

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

**Re: Site Assessment, and Closure Report**  
**Right Meow 31 CTB 7**  
**API No. N/A**  
**GPS: Latitude 32.265616 Longitude -103.710898**  
**UL –B Section 31, T23S, R32E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2311348527**

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to perform a spill assessment, remediation activities, and submit this closure report for a Produced Water release that occurred at the Right Meow 31 CTB 7 (Right Meow). The initial C-141 was submitted on May 3, 2023 (Appendix C). This incident was assigned Incident ID NAPP2311348527 by the New Mexico Oil Conservation Division (NMOCD).

#### Site Characterization

The Right Meow is located approximately twenty-one (21) miles northeast of Malaga, NM. This spill site is in Unit B, Section 31, Township 23S, Range 32E, Latitude 32.265616 Longitude -103.710898 Eddy County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Interlayered 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. The soil in this area is made up of Pyote and Maljamar fine sands, 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 Right Meow (Figure 3).

According to the New Mexico Office of the State Engineer, depth to the nearest groundwater in this area is 380 feet below grade surface (BGS). According to the United States Geological Survey (USGS), the nearest groundwater is 250 feet BGS. The closest waterway is a Salt Playa located approximately 13.40 miles to the northwest of this location. See Appendix A for referenced water surveys.

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity (C 04712 POD 1) measures 55 feet below grade surface (BGS), positioned roughly 0.35 miles away from the Right Meow, drilled on March 9, 2023. Conversely, as per the United States Geological Survey well water data, the nearest groundwater depth (USGS 321609103445981) in this region is recorded at 100 feet BGS, situated approximately 2.31 miles away from the Right Meow, with the last gauge conducted in 2012. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A,

Table 1 NMAC and Closure Criteria 19.15.29

Depth to Groundwater (Appendix A)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100' (C 04712 POD 1)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

(C 04712 POD 1) measures 55 feet below grade surface (BGS), positioned roughly 0.35 miles away from the Right Meow, drilled on March 9, 2023.

Reference Figure 2 for a Topographic Map.

### Release Information

**NAPP2311348527:** On April 23, 2023, a Pin hole developed a leak on a water line of a separator, causing a fluid to be released. The released fluids were calculated to be approximately 10.6 barrels (bbls) of produced water. A vacuum truck was able to recover 7 bbls of standing fluid.

### Remediation Activities, Site Assessment, and Soil Sampling Results

On November 16, 2023, Pima mobilized personnel to the site to begin collecting soil samples from the spill area. The laboratory results of this sampling event can be found in the following data table. A Site Map can be found in Figure 4.

11-16-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY - RIGHT MEOW CTB 7								
Sample Date: 11/16/2023		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
S-1	1'	ND	ND	ND	ND	ND	0	70.6
	2'	ND	ND	ND	ND	ND	0	46.7
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	22.4
S-2	1'	ND	ND	ND	ND	ND	0	56.7
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	148
	4'	ND	ND	ND	ND	ND	0	64.4
S-3	1'	ND	ND	ND	ND	ND	0	ND
	2'	ND	ND	ND	ND	ND	0	39.4
	3'	ND	ND	ND	ND	ND	0	228
	4'	ND	ND	ND	ND	ND	0	72.1
S-4	1'	ND	ND	ND	ND	ND	0	4440
	2'	ND	ND	ND	ND	ND	0	839
	3'	ND	ND	ND	ND	ND	0	2380
	4'	ND	ND	ND	ND	ND	0	278
S-5	1'	ND	ND	ND	ND	ND	0	2010
	2'	ND	ND	ND	ND	ND	0	820
	3'	ND	ND	ND	ND	ND	0	2070
	4'	ND	ND	ND	ND	ND	0	277
SW1 Comp	0-4'	ND	ND	ND	ND	ND	0	24.9
SW2 Comp	0-4'	ND	ND	ND	ND	ND	0	29.6
SW3 Comp	0-4'	ND	ND	ND	ND	ND	0	29.5
SW4 Comp	0-4'	ND	ND	ND	ND	ND	0	81.2
SW5 Comp	0-4'	ND	ND	ND	ND	ND	0	256
SW6 Comp	0-4'	ND	ND	ND	ND	ND	0	33.3

ND- Analyte Not Detected

Right Meow 31 CTB 7 | [Devon Energy](#)

Complete laboratory reports can be found in Appendix E.

Based on the sample results, the bottoms and sidewalls were below NMOCD Closure Criteria 19.15.29 NMAC. See Appendix D for Photographic Documentation.

#### **Closure Request**

After careful review, Pima requests that this incident, NAPP2311348527, be closed. Devon has complied with the applicable closure requirements set forth in rule 19.15.19.12 NMAC.

Should you have any questions or need additional information, please feel free to contact Gio Gomez at 806-782-1151 or [gio@pimaoil.com](mailto:gio@pimaoil.com).

Respectfully,



Gio Gomez  
Project Manager  
Pima Environmental Services, LLC

#### **Attachments**

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and Geological Data
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Pima Environmental Services

**Figures:**

1-Location Map

2-Topographic Map

3-Karst Map

4-Site Map



5-Pod Map

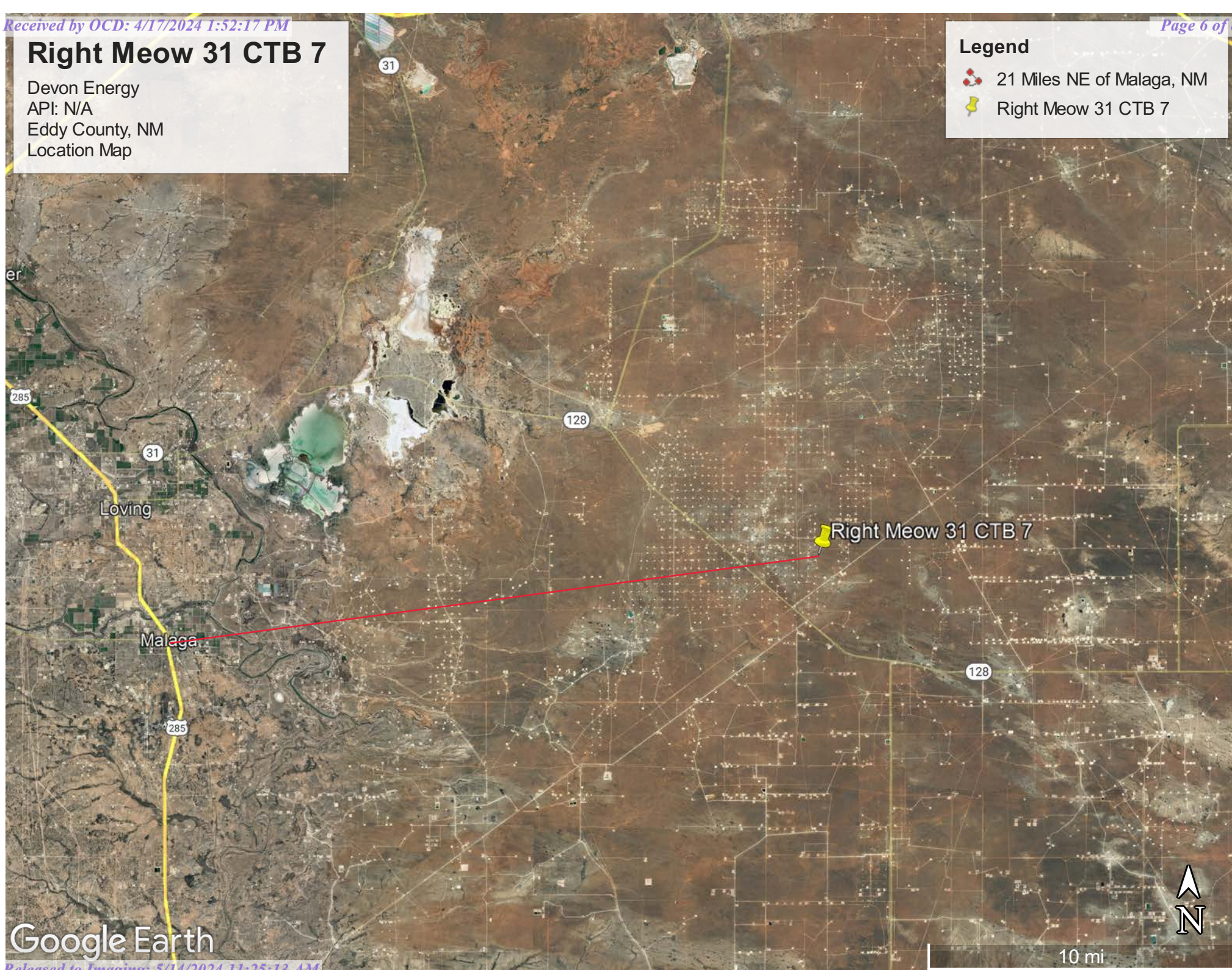


# Right Meow 31 CTB 7

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

## Legend

-  21 Miles NE of Malaga, NM
-  Right Meow 31 CTB 7



Google Earth

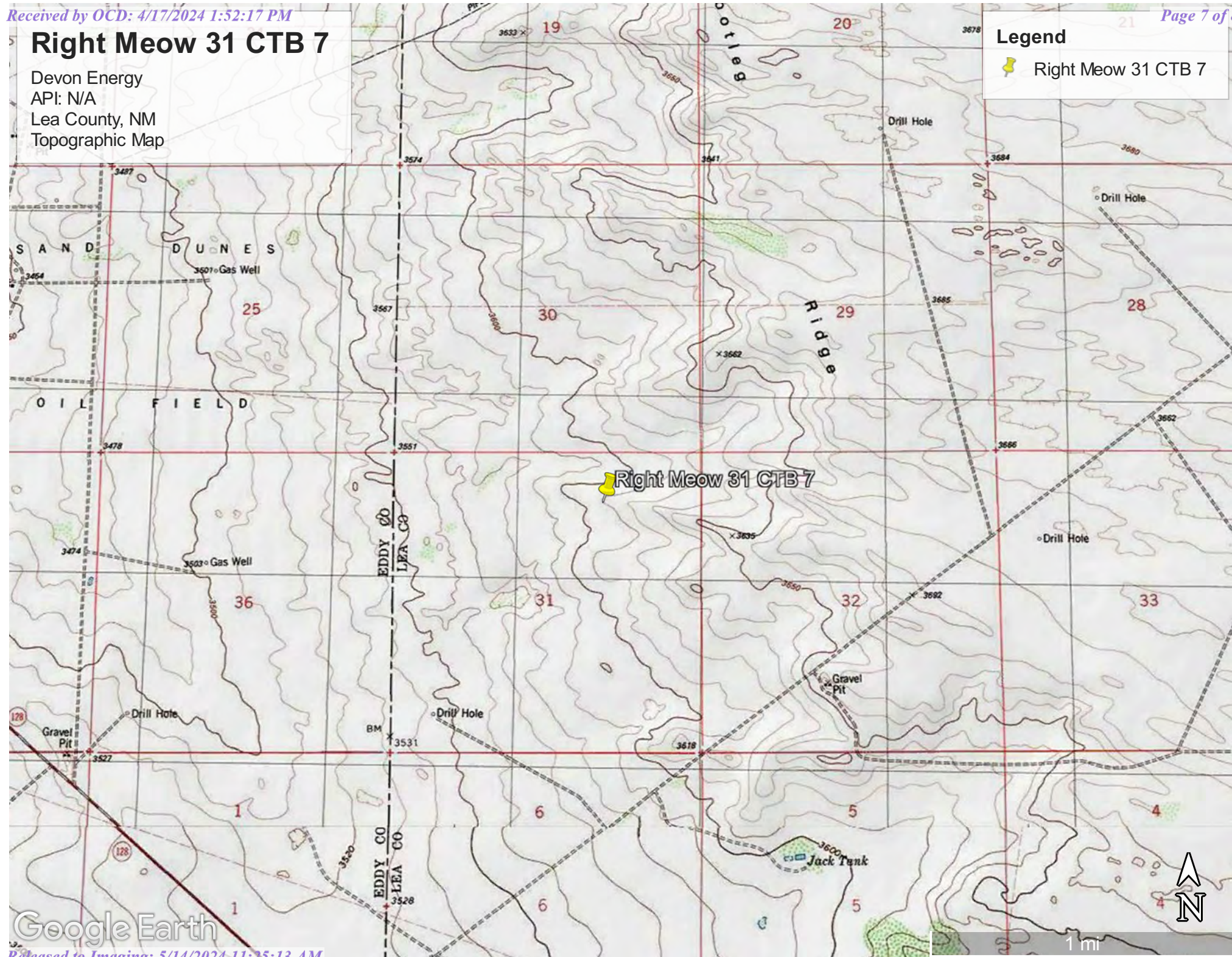


# Right Meow 31 CTB 7

Devon Energy  
API: N/A  
Lea County, NM  
Topographic Map

## Legend

 Right Meow 31 CTB 7







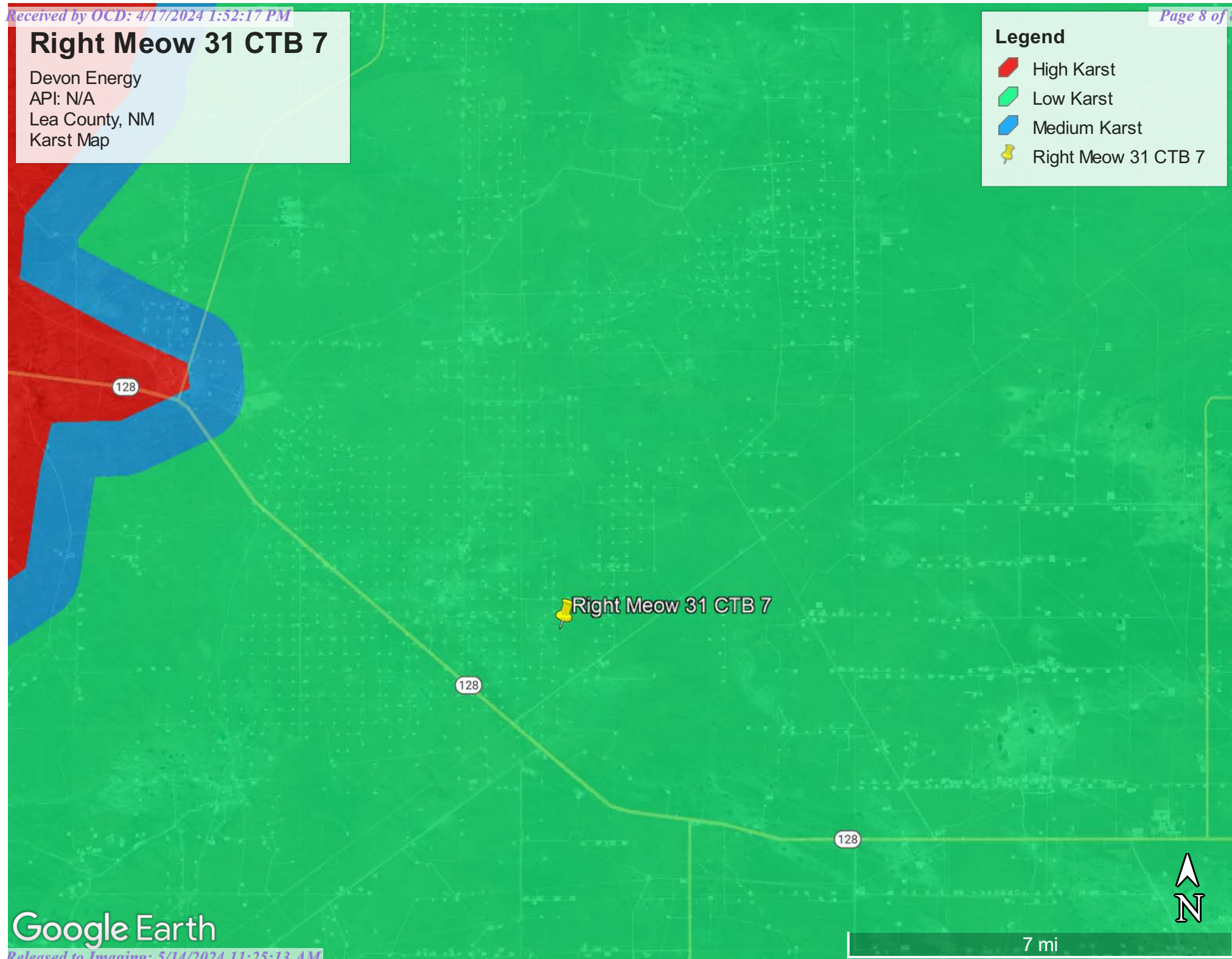


# Right Meow 31 CTB 7

Devon Energy  
API: N/A  
Lea County, NM  
Karst Map

## Legend

-  High Karst
-  Low Karst
-  Medium Karst
-  Right Meow 31 CTB 7



Google Earth







7 mi




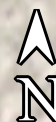
# Right Meow 31 CTB 7

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

## Legend

-  Samples
-  Right Meow 31 CTB 7
-  Sidewalls/Background
-  Spill Area 1,748 Sqft

Right Meow 31 CTB 7 



100 ft

Google Earth

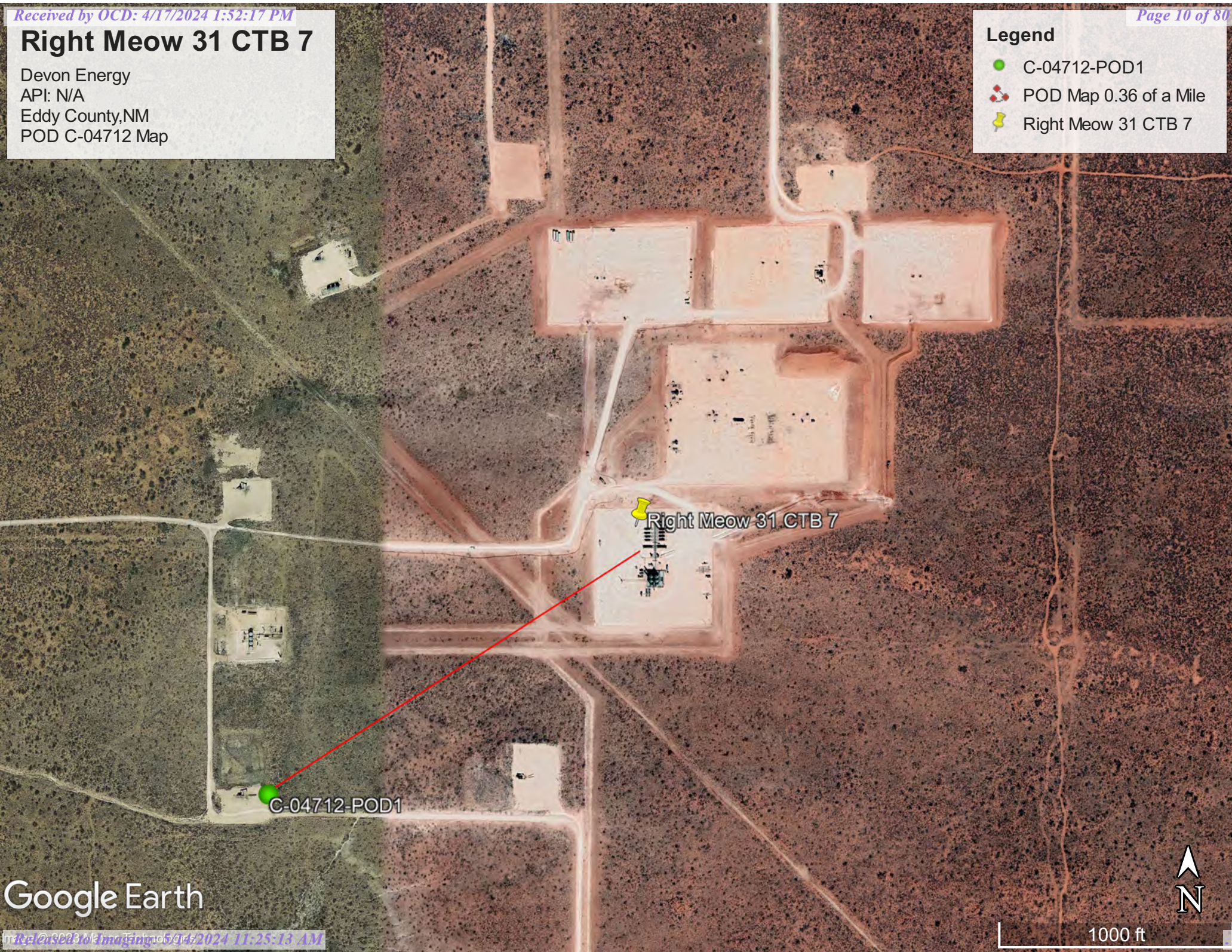


# Right Meow 31 CTB 7

Devon Energy  
API: N/A  
Eddy County, NM  
POD C-04712 Map

## Legend

- C-04712-POD1
- POD Map 0.36 of a Mile
- Right Meow 31 CTB 7



Google Earth





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**Appendix A**

Water Surveys:

OSE

USGS

Surface Water Map





# 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	Q 31	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">C_04712 POD1</a>		CUB	LE	1	4	1	31	23S	32E		620917	3570289	590	55		
<a href="#">C_03529 POD1</a>		C	LE	2	4	3	29	23S	32E		622651	3571212	1376	550		
<a href="#">C_03555 POD1</a>		C	LE	2	2	1	05	24S	32E		622748	3569233	1913	600	380	220
<a href="#">C_03851 POD1</a>		CUB	LE	3	3	4	20	23S	32E		622880	3572660	2521	1392	713	679
<a href="#">C_04672 POD 1</a>		CUB	ED	2	1	4	01	24S	31E		619762	3568286	2848	110		
<a href="#">C_02258</a>		C	ED		3	2	26	23S	31E		618055	3571853*	3584	662		
<a href="#">C_04712 POD3</a>		CUB	ED	4	1	2	24	23S	31E		619651	3573877	3717	55		
<a href="#">C_02348</a>		C	ED	1	4	3	26	23S	31E		617648	3571068	3796	700	430	270
<a href="#">C_04712 POD2</a>		CUB	LE	4	4	4	17	23S	32E		623332	3574331	4189	55		
<a href="#">C_02405</a>		CUB	ED		4	1	02	24S	31E		617690	3568631*	4216	275	160	115
<a href="#">C_02464</a>		C	ED	2	3	1	02	24S	31E		617645	3568581	4280	320	205	115
<a href="#">C_03530 POD1</a>		C	LE	3	4	3	07	24S	32E		620886	3566156	4481	550		
<a href="#">C_02216</a>		CUB	LE	2	2	4	21	23S	32E		625035	3573261*	4488	585	400	185
<a href="#">C_04687 POD1</a>		CUB	ED	4	2	3	12	24S	31E		619481	3566450	4584	110		
<a href="#">C_02460</a>		C	ED			3	02	24S	31E		617496	3568022*	4694	320		
<a href="#">C_02460 POD2</a>		C	ED			3	02	24S	31E		617496	3568022*	4694	320		
<a href="#">C_03527 POD1</a>		C	LE	1	2	3	03	24S	32E		625770	3568487	4842	500		

Average Depth to Water: **381 feet**

Minimum Depth: **160 feet**

Maximum Depth: **713 feet**

**Record Count:** 17

### UTM NAD83 Radius Search (in meters):

**Easting (X):** 621415.55

**Northing (Y):** 3570606.49

**Radius:** 5000

\*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.


6/18/23 7:09 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04712 POD1	1	4	1	31	23S	32E	620917	3570289 
Driller License:	1833	Driller Company:				VISION RESOURCES, INC			
Driller Name:	JASON MALEY								
Drill Start Date:	03/09/2023	Drill Finish Date:				03/09/2023		Plug Date:	03/14/2023
Log File Date:	04/04/2023	PCW Rev Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	6.00	Depth Well:				55 feet		Depth Water:	
Casing Perforations:				Top	Bottom				
				45	55				

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.

3/5/24 10:17 AM

POINT OF DIVERSION SUMMARY



[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 =

- 321609103445901

Minimum number of levels = 1

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

## USGS 321609103445901 23S.31E.26.34411

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

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

Land-surface elevation 3,451.00 feet above NGVD29

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

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

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

### Output formats

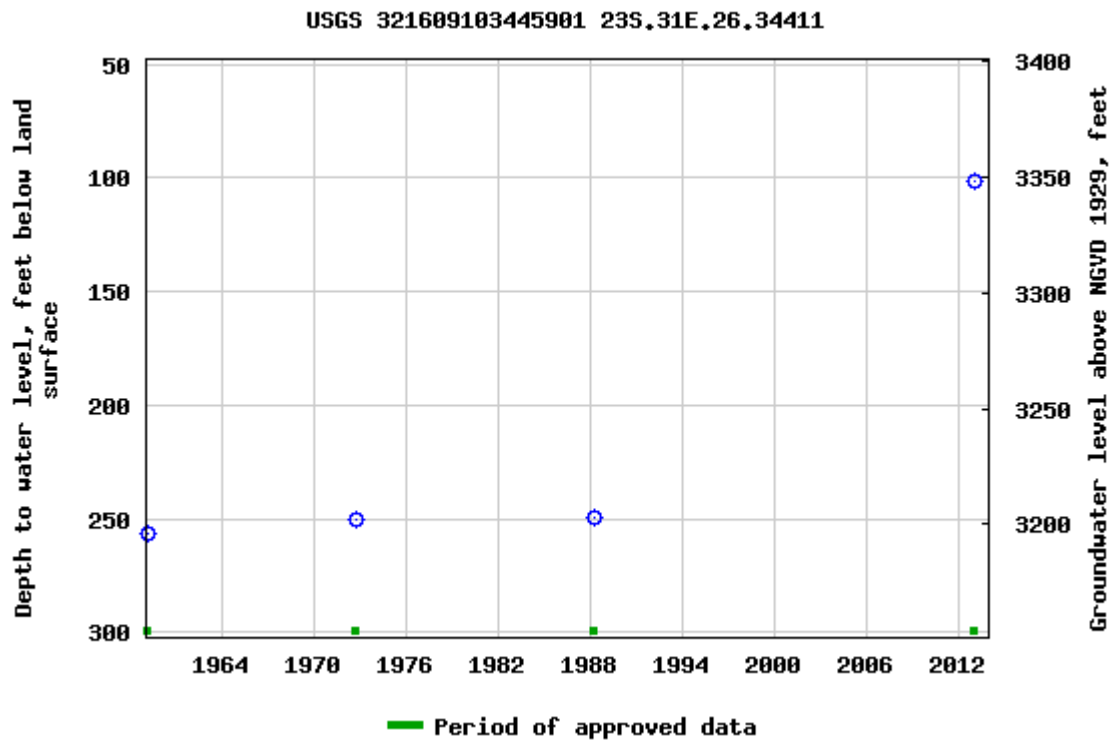
[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)





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

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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: 2023-06-18 09:07:46 EDT



0.58 0.47 nadww01



# Right Meow 31 CTB 7

Devon Energy  
API: N/A  
Lea County, NM  
USGS Water Well Location Map

## Legend

-  2.31 Miles
-  Right Meow 31 CTB 7
-  USGS 321609103445981

USGS 321609103445981

Oxy AMEX SWD

Right Meow 31 CTB 7

128 Jal, NM Picnic Area



1 mi

Google Earth

Image © 2023 Maxar Technologies



Released to Imaging: 5/14/2024 11:25:13 AM

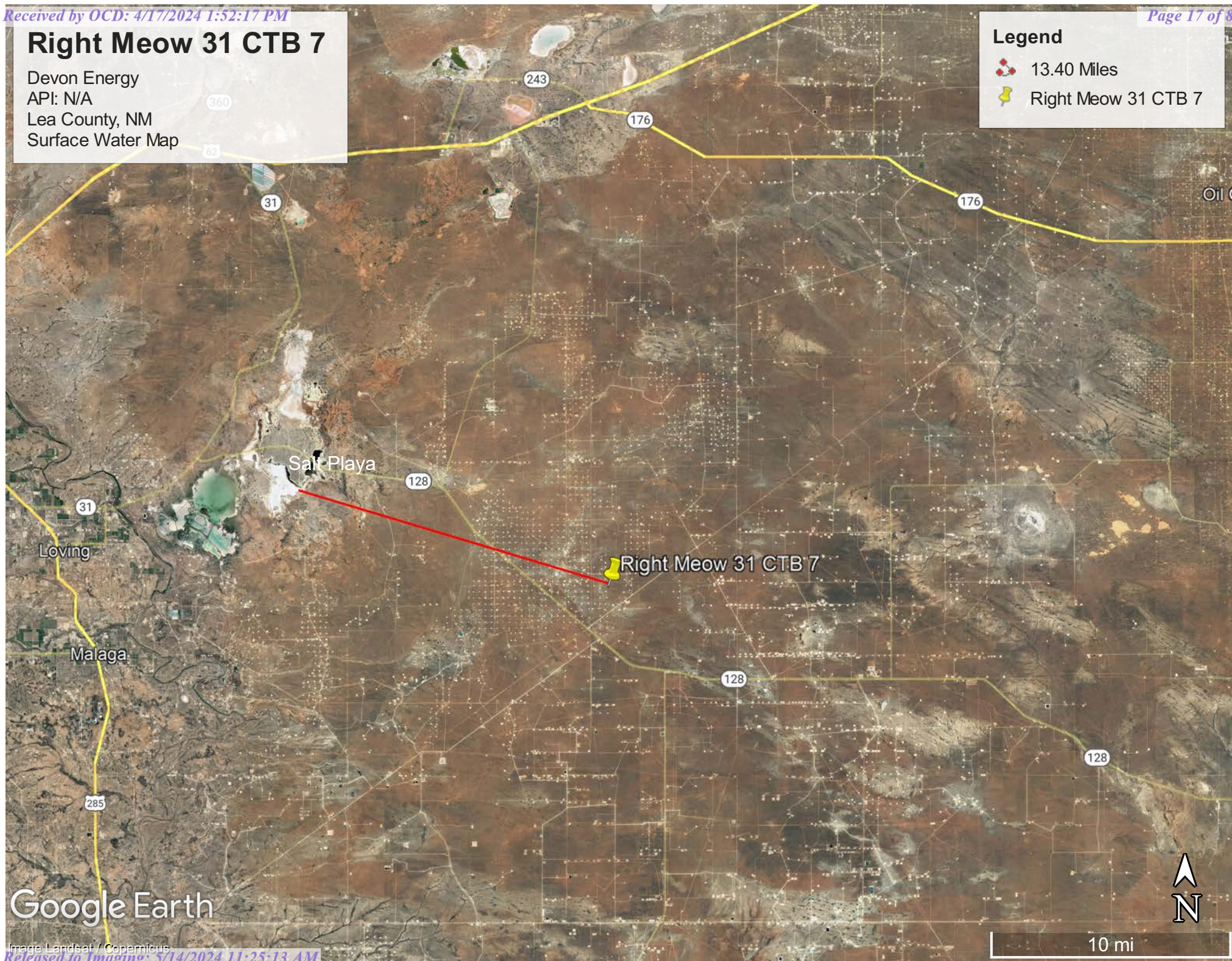


# Right Meow 31 CTB 7

Devon Energy  
API: N/A  
Lea County, NM  
Surface Water Map

## Legend

-  13.40 Miles
-  Right Meow 31 CTB 7



Google Earth

Image Landsat / Copernicus





Pima Environmental Services

**Appendix B**

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

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## Lea County, New Mexico

### PU—Pyote and Maljamar fine sands

#### Map Unit Setting

*National map unit symbol:* dmqq

*Elevation:* 3,000 to 3,900 feet

*Mean annual precipitation:* 10 to 12 inches

*Mean annual air temperature:* 60 to 62 degrees F

*Frost-free period:* 190 to 205 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Pyote and similar soils:* 46 percent

*Maljamar and similar soils:* 44 percent

*Minor components:* 10 percent

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

#### Description of Pyote

##### Setting

*Landform:* Plains

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Sandy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 30 inches:* fine sand

*Bt - 30 to 60 inches:* fine sandy loam

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Negligible

*Capacity of the most limiting layer to transmit water (Ksat):* High  
(2.00 to 6.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 5 percent

*Gypsum, maximum content:* 1 percent

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

*Sodium adsorption ratio, maximum:* 2.0

*Available water supply, 0 to 60 inches:* Low (about 5.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

---

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

### **Description of Maljamar**

#### **Setting**

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

#### **Typical profile**

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

#### **Properties and qualities**

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: 40 to 60 inches to petrocalcic*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 5 percent*  
*Gypsum, maximum content: 1 percent*  
*Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 2.0*  
*Available water supply, 0 to 60 inches: Low (about 5.6 inches)*

#### **Interpretive groups**

*Land capability classification (irrigated): 6e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: B*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### **Minor Components**

#### **Kermit**

*Percent of map unit: 10 percent*  
*Ecological site: R070BC022NM - Sandhills*



Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

---

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Lea County, New Mexico  
Survey Area Data: Version 19, Sep 8, 2022

# National Flood Hazard Layer FIRMette



103°42'58"W 32°16'12"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone 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
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

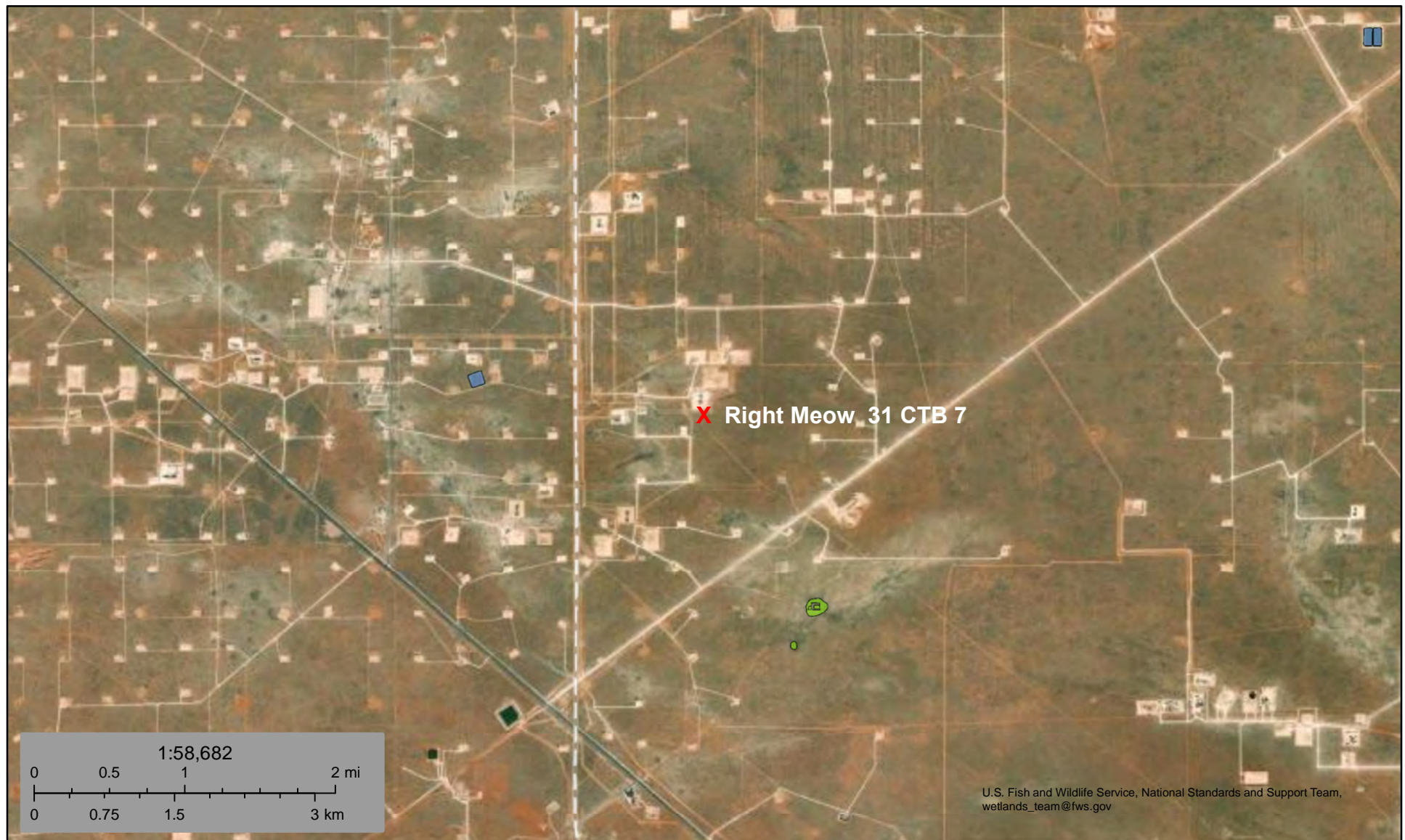
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/18/2023 at 9:10 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.





## Wetlands Map



December 6, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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





Pima Environmental Services

## **Appendix D**

Photographic Documentation

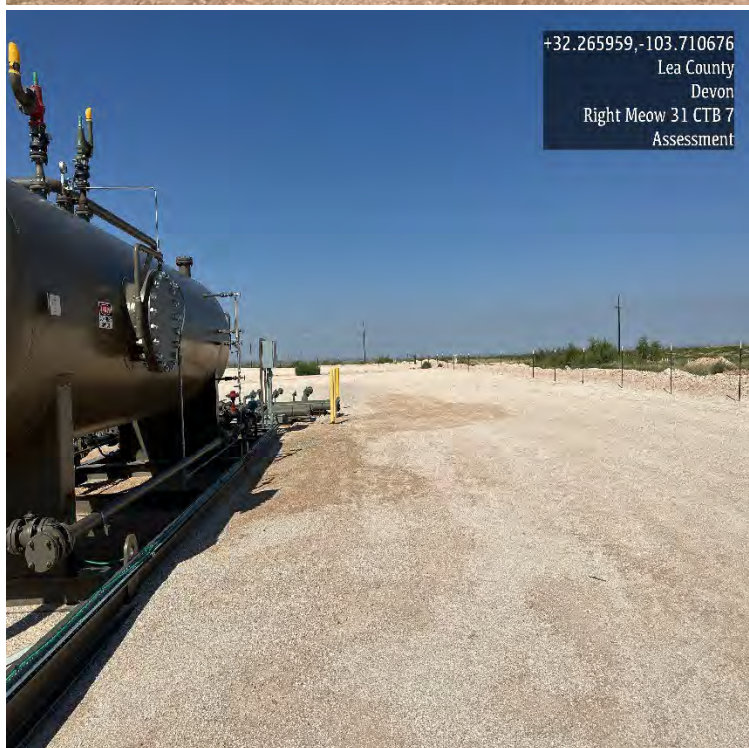
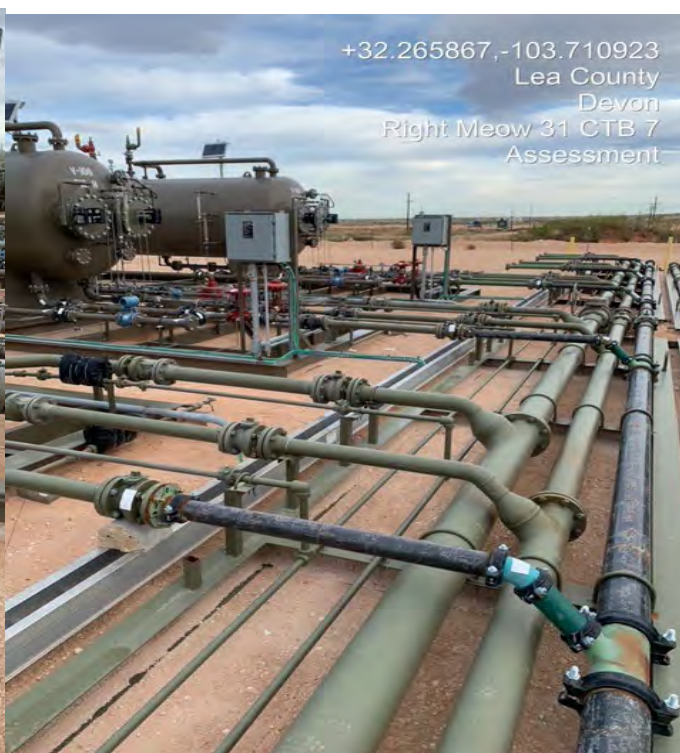


**SITE PHOTOGRAPHS  
DEVON ENERGY  
RIGHT MEOW 31 CTB 7**

**Site Assessment**















Pima Environmental Services

## **Appendix E**

Laboratory Reports

Report to:  
Tom Bynum



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

Pima Environmental Services-Carlsbad

Project Name: Right Meow 31 CTB 7

Work Order: E311159

Job Number: 01058-0007

Received: 11/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
11/30/23

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: 11/30/23



Tom Bynum  
PO Box 247  
Plains, TX 79355-0247

Project Name: Right Meow 31 CTB 7  
Workorder: E311159  
Date Received: 11/18/2023 7:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2023 7:30:00AM, under the Project Name: Right Meow 31 CTB 7.

The analytical test results summarized in this report with the Project Name: Right Meow 31 CTB 7 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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## Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/23 15:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E311159-01A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S1-2'	E311159-02A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S1-3'	E311159-03A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S1-4'	E311159-04A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S2-1'	E311159-05A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S2-2'	E311159-06A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S2-3'	E311159-07A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S2-4'	E311159-08A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S3-1'	E311159-09A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S3-2'	E311159-10A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S3-3'	E311159-11A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S3-4'	E311159-12A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S4-1'	E311159-13A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S4-2'	E311159-14A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S4-3'	E311159-15A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S4-4'	E311159-16A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S5-1'	E311159-17A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S5-2'	E311159-18A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S5-3'	E311159-19A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
S5-4'	E311159-20A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
SW1 (COMP)	E311159-21A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
SW2 (COMP)	E311159-22A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
SW3 (COMP)	E311159-23A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
SW4 (COMP)	E311159-24A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
SW5 (COMP)	E311159-25A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.
SW6 (COMP)	E311159-26A	Soil	11/16/23	11/18/23	Glass Jar, 2 oz.



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S1-1'

E311159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene	118 %	70-130		11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		11/20/23	11/28/23	
Surrogate: Toluene-d8	107 %	70-130		11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene	118 %	70-130		11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		11/20/23	11/28/23	
Surrogate: Toluene-d8	107 %	70-130		11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane	79.0 %	50-200		11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	70.6	20.0	1	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S1-2'

E311159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		115 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		115 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		79.4 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	46.7	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S1-3'

E311159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		79.5 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	ND	20.0	1	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S1-4'

E311159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		120 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		120 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		79.1 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	22.4	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S2-1'

E311159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		76.6 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	56.7	20.0	1	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S2-2'

E311159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		116 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		116 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		69.6 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	ND	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S2-3'

E311159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		119 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		119 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		77.9 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	148	20.0	1	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S2-4'

E311159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		78.3 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	64.4	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S3-1'

E311159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		77.5 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	ND	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S3-2'

E311159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		77.2 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	39.4	20.0	1	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S3-3'

E311159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		107 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		78.4 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	228	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S3-4'

E311159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		78.2 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	72.1	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S4-1'

E311159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		73.1 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	4440	40.0	2	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S4-2'

E311159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		116 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		116 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		77.4 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	839	20.0	1	11/29/23	11/30/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S4-3'

E311159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		76.5 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	2380	40.0	2	11/29/23	11/30/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S4-4'

E311159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane		79.6 %	50-200	11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	278	20.0	1	11/29/23	11/30/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S5-1'

E311159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane		79.1 %	50-200	11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	2010	40.0	2	11/29/23	11/30/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S5-2'

E311159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		110 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane		76.1 %	50-200	11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	820	20.0	1	11/29/23	11/30/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S5-3'

E311159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		115 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		115 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane		71.6 %	50-200	11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	2070	20.0	1	11/29/23	11/30/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

S5-4'

E311159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		115 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2347027
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		115 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348055
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/30/23	
Surrogate: n-Nonane		76.4 %	50-200	11/29/23	11/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348058
Chloride	277	20.0	1	11/29/23	11/30/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

## SW1 (COMP)

E311159-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		116 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		116 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348056
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		89.4 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348060
Chloride	24.9	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

## SW2 (COMP)

E311159-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		119 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		119 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348056
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		76.5 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348060
Chloride	29.6	20.0	1	11/29/23	11/29/23	





## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

## SW3 (COMP)

E311159-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348056
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		85.1 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348060
Chloride	29.5	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

## SW4 (COMP)

E311159-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348056
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		85.4 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348060
Chloride	81.2	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

## SW5 (COMP)

E311159-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		117 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		108 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348056
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		87.3 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348060
Chloride	25.6	20.0	1	11/29/23	11/29/23	



## Sample Data

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

Project Name: Right Meow 31 CTB 7  
Project Number: 01058-0007  
Project Manager: Tom Bynum

**Reported:**  
11/30/2023 3:28:11PM

## SW6 (COMP)

E311159-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Benzene	ND	0.0250	1	11/20/23	11/28/23	
Ethylbenzene	ND	0.0250	1	11/20/23	11/28/23	
Toluene	ND	0.0250	1	11/20/23	11/28/23	
o-Xylene	ND	0.0250	1	11/20/23	11/28/23	
p,m-Xylene	ND	0.0500	1	11/20/23	11/28/23	
Total Xylenes	ND	0.0250	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2347025
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/23	11/28/23	
Surrogate: Bromofluorobenzene		118 %	70-130	11/20/23	11/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	11/20/23	11/28/23	
Surrogate: Toluene-d8		109 %	70-130	11/20/23	11/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2348056
Diesel Range Organics (C10-C28)	ND	25.0	1	11/29/23	11/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/29/23	11/29/23	
Surrogate: n-Nonane		89.7 %	50-200	11/29/23	11/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2348060
Chloride	33.3	20.0	1	11/29/23	11/29/23	





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:  11/30/2023 3:28:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

Analyst: RAS

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 (2347025-BLK1) Prepared: 11/20/23 Analyzed: 11/27/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.591		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		88.9	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			

LCS (2347025-BS1) Prepared: 11/20/23 Analyzed: 11/27/23

Benzene	2.85	0.0250	2.50		114	70-130			
Ethylbenzene	2.80	0.0250	2.50		112	70-130			
Toluene	2.76	0.0250	2.50		110	70-130			
o-Xylene	2.69	0.0250	2.50		108	70-130			
p,m-Xylene	5.41	0.0500	5.00		108	70-130			
Total Xylenes	8.10	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.557		0.500		111	70-130			

Matrix Spike (2347025-MS1) Source: E311158-16 Prepared: 11/20/23 Analyzed: 11/27/23

Benzene	2.85	0.0250	2.50	ND	114	48-131			
Ethylbenzene	2.78	0.0250	2.50	ND	111	45-135			
Toluene	2.74	0.0250	2.50	ND	110	48-130			
o-Xylene	2.68	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.41	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.10	0.0250	7.50	ND	108	43-135			
Surrogate: Bromofluorobenzene	0.589		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.547		0.500		109	70-130			

Matrix Spike Dup (2347025-MSD1) Source: E311158-16 Prepared: 11/20/23 Analyzed: 11/27/23

Benzene	2.82	0.0250	2.50	ND	113	48-131	0.987	23	
Ethylbenzene	2.74	0.0250	2.50	ND	110	45-135	1.61	27	
Toluene	2.71	0.0250	2.50	ND	108	48-130	1.34	24	
o-Xylene	2.70	0.0250	2.50	ND	108	43-135	0.669	27	
p,m-Xylene	5.41	0.0500	5.00	ND	108	43-135	0.120	27	
Total Xylenes	8.11	0.0250	7.50	ND	108	43-135	0.142	27	
Surrogate: Bromofluorobenzene	0.609		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:  11/30/2023 3:28:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Volatile Organic Compounds by EPA 8260B

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 (2347027-BLK1) Prepared: 11/20/23 Analyzed: 11/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.593		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			

LCS (2347027-BS1) Prepared: 11/20/23 Analyzed: 11/28/23

Benzene	2.76	0.0250	2.50		111	70-130			
Ethylbenzene	2.76	0.0250	2.50		110	70-130			
Toluene	2.70	0.0250	2.50		108	70-130			
o-Xylene	2.70	0.0250	2.50		108	70-130			
p,m-Xylene	5.43	0.0500	5.00		109	70-130			
Total Xylenes	8.13	0.0250	7.50		108	70-130			
Surrogate: Bromofluorobenzene	0.592		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike (2347027-MS1) Source: E311159-07 Prepared: 11/20/23 Analyzed: 11/28/23

Benzene	2.83	0.0250	2.50	ND	113	48-131			
Ethylbenzene	2.79	0.0250	2.50	ND	111	45-135			
Toluene	2.73	0.0250	2.50	ND	109	48-130			
o-Xylene	2.68	0.0250	2.50	ND	107	43-135			
p,m-Xylene	5.42	0.0500	5.00	ND	108	43-135			
Total Xylenes	8.10	0.0250	7.50	ND	108	43-135			
Surrogate: Bromofluorobenzene	0.599		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.534		0.500		107	70-130			

Matrix Spike Dup (2347027-MSD1) Source: E311159-07 Prepared: 11/20/23 Analyzed: 11/28/23

Benzene	2.71	0.0250	2.50	ND	108	48-131	4.58	23	
Ethylbenzene	2.68	0.0250	2.50	ND	107	45-135	3.92	27	
Toluene	2.59	0.0250	2.50	ND	104	48-130	5.05	24	
o-Xylene	2.65	0.0250	2.50	ND	106	43-135	1.22	27	
p,m-Xylene	5.34	0.0500	5.00	ND	107	43-135	1.42	27	
Total Xylenes	7.99	0.0250	7.50	ND	107	43-135	1.36	27	
Surrogate: Bromofluorobenzene	0.607		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:  11/30/2023 3:28:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

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 (2347025-BLK1) Prepared: 11/20/23 Analyzed: 11/27/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.591		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		88.9	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			

LCS (2347025-BS2) Prepared: 11/20/23 Analyzed: 11/27/23

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.602		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			

Matrix Spike (2347025-MS2) Source: E311158-16 Prepared: 11/20/23 Analyzed: 11/27/23

Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.589		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.1	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			

Matrix Spike Dup (2347025-MSD2) Source: E311158-16 Prepared: 11/20/23 Analyzed: 11/27/23

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	70-130	3.24	20	
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.557		0.500		111	70-130			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:  11/30/2023 3:28:11PM
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 (2347027-BLK1) Prepared: 11/20/23 Analyzed: 11/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.593		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Surrogate: Toluene-d8	0.539		0.500		108	70-130			

LCS (2347027-BS2) Prepared: 11/20/23 Analyzed: 11/28/23

Gasoline Range Organics (C6-C10)	60.2	20.0	50.0		120	70-130			
Surrogate: Bromofluorobenzene	0.596		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.7	70-130			
Surrogate: Toluene-d8	0.554		0.500		111	70-130			

Matrix Spike (2347027-MS2) Source: E311159-07 Prepared: 11/20/23 Analyzed: 11/28/23

Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			

Matrix Spike Dup (2347027-MSD2) Source: E311159-07 Prepared: 11/20/23 Analyzed: 11/28/23

Gasoline Range Organics (C6-C10)	55.6	20.0	50.0	ND	111	70-130	1.21	20	
Surrogate: Bromofluorobenzene	0.613		0.500		123	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			





QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 3:28:11PM

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 (2348055-BLK1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.8		50.0		81.5	50-200			

LCS (2348055-BS1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	38-132			
Surrogate: n-Nonane	42.9		50.0		85.8	50-200			

Matrix Spike (2348055-MS1)					Source: E311159-05		Prepared: 11/29/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	240	25.0	250	ND	95.8	38-132			
Surrogate: n-Nonane	42.3		50.0		84.5	50-200			

Matrix Spike Dup (2348055-MSD1)					Source: E311159-05		Prepared: 11/29/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	38-132	1.15	20	
Surrogate: n-Nonane	41.1		50.0		82.2	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:  11/30/2023 3:28:11PM
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	

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 (2348056-BLK1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.4		50.0		90.8	50-200			

LCS (2348056-BS1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Diesel Range Organics (C10-C28)	230	25.0	250		92.1	38-132			
Surrogate: n-Nonane	45.5		50.0		91.1	50-200			

Matrix Spike (2348056-MS1)					Source: E311177-01		Prepared: 11/29/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.4	38-132			
Surrogate: n-Nonane	46.2		50.0		92.4	50-200			

Matrix Spike Dup (2348056-MSD1)					Source: E311177-01		Prepared: 11/29/23 Analyzed: 11/29/23		
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.1	38-132	0.694	20	
Surrogate: n-Nonane	45.7		50.0		91.4	50-200			



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 3:28:11PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348058-BLK1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Chloride	ND	20.0							
LCS (2348058-BS1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Chloride	248	20.0	250		99.0	90-110			
Matrix Spike (2348058-MS1)					Source: E311159-04		Prepared: 11/29/23 Analyzed: 11/29/23		
Chloride	274	20.0	250	22.4	101	80-120			
Matrix Spike Dup (2348058-MSD1)					Source: E311159-04		Prepared: 11/29/23 Analyzed: 11/29/23		
Chloride	272	20.0	250	22.4	99.8	80-120	0.706	20	



QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Right Meow 31 CTB 7	Reported:
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/2023 3:28:11PM

Anions by EPA 300.0/9056A

Analyst: BA

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

Blank (2348060-BLK1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Chloride	ND	20.0							
LCS (2348060-BS1)					Prepared: 11/29/23 Analyzed: 11/29/23				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2348060-MS1)					Source: E311159-23		Prepared: 11/29/23 Analyzed: 11/29/23		
Chloride	290	20.0	250	29.5	104	80-120			
Matrix Spike Dup (2348060-MSD1)					Source: E311159-23		Prepared: 11/29/23 Analyzed: 11/29/23		
Chloride	286	20.0	250	29.5	102	80-120	1.38	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:	Right Meow 31 CTB 7	
PO Box 247	Project Number:	01058-0007	Reported:
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/30/23 15:28

- 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 3

Client: Pima Environmental Services Project: <u>Right meow 31 CTB 7</u> Project Manager: Tom Bynum Address: 5614 N. Lovington Hwy. City, State, Zip: Hobbs, NM, 88240 Phone: 580-748-1613 Email: tom@pimaoil.com Report due by:					Bill To Attention: <u>Devon</u> Address: City, State, Zip Phone: Email: Pima Project # <u>274-2</u>					Lab Use Only Lab WO# <u>E311159</u> Job Number <u>01058-0007</u> Analysis and Method					TAT 1D 2D 3D Standard <u>X</u>				EPA Program CWA SDWA RCRA	
										State NM CO UT AZ TX <u>X</u>										
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks						
7:12	11/16/23	Soil	1-202	S1-1'	1							X								
7:30				S1-2'	2															
7:38				S1-3'	3															
7:46				S1-4'	4															
7:55				S2-1'	5															
8:14				S2-2'	6															
8:33				S2-3'	7															
8:38				S2-4'	8															
8:52				S3-1'	9															
9:02				S3-2'	10															
Additional Instructions: <u>B# 211 IS 7404</u>																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										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	Lab Use Only Received on ice: <u>Y</u> N												
<u>Karrie Adams</u> <u>Nicelle Cough</u> <u>Andrew Musso</u>		<u>11/17/23</u> <u>11-17-23</u> <u>11-17-23</u>	<u>12:00</u> <u>1700</u> <u>2400</u>	<u>Nicelle Cough</u> <u>Andrew Musso</u> <u>Ali...</u>		<u>11-17-23</u> <u>11-17-23</u> <u>11-18-23</u>	<u>1200</u> <u>1800</u> <u>730</u>	T1 T2 T3 AVG Temp °C <u>4</u>												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



## Project Information

## Chain of Custody

Page 2 of 3

Client: Pima Environmental Services					Bill To		Lab Use Only		TAT				EPA Program						
Project: <u>Right Meow 31 CRB 7</u>					Attention: <u>Devon</u>		Lab WO# <u>E311159</u>		Job Number <u>61058-0007</u>		1D	2D	3D	Standard	CWA	SDWA			
Project Manager: Tom Bynum					Address:		Analysis and Method							<u>X</u>					
Address: 5614 N. Lovington Hwy.					City, State, Zip												RCRA		
City, State, Zip <u>Hobbs, NM, 88240</u>					Phone:														
Phone: 580-748-1613					Email:										State				
Email: <u>tom@pimaoil.com</u>					Pima Project # <u>274-2</u>										NM	CO	UT	AZ	TX
Report due by:															<u>X</u>				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX	Remarks			
9:15	11/16/23	Soil	1-202	S3-3'	11									<u>X</u>					
9:23				S3-4'	12														
9:34				S4-1'	13														
9:40				S4-2'	14														
9:48				S4-3'	15														
9:53				S4-4'	16														
10:12				SS-1'	17														
10:23				SS-2'	18														
10:38				SS-3'	19														
10:45				SS-4'	20														
Additional Instructions: <u>B# 21157404</u>																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												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 5 °C on subsequent days.							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only											
<u>Karine Adams</u>		11/17/23	12:00	<u>Michelle Gayle</u>		11-17-23	12:00	Received on ice: <u>(Y)</u> N											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____											
<u>Michelle Gayle</u>		11-17-23	07:00	<u>Andrew Messo</u>		11-17-23	18:00	AVG Temp °C <u>4</u>											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
<u>Andrew Messo</u>		11-17-23	24:00	<u>Ally</u>		11-18-23	7:30												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			


**envirotech**



## Project Information

## Chain of Custody

Page 3 of 3

<b>Client:</b> Pima Environmental Services <b>Project:</b> Right Meow 31 cr B 7 <b>Project Manager:</b> Tom Bynum <b>Address:</b> 5614 N. Lovington Hwy. <b>City, State, Zip:</b> Hobbs, NM, 88240 <b>Phone:</b> 580-748-1613 <b>Email:</b> tom@pimaoil.com <b>Report due by:</b>				<b>Bill To</b> <b>Attention:</b> Devon <b>Address:</b> <b>City, State, Zip:</b> <b>Phone:</b> <b>Email:</b> <b>Pima Project #</b> 274-2				<b>Lab Use Only</b> <b>Lab WO#</b> E311159 <b>Job Number</b> 01058-0007 <b>Analysis and Method</b>				<b>TAT</b> 1D 2D 3D Standard X				<b>EPA Program</b> CWA SDWA RCRA	
								<b>State</b> NM CO UT AZ TX X				<b>Remarks</b>					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX				
11:05	11/16/23	Soil	1-262	SW1 (comp)	21							X					
11:28				SW2 (comp)	22												
11:47				SW3 (comp)	23												
12:05				SW4 (comp)	24												
12:28				SW5 (comp)	25												
12:35				SW6 (comp)	26												
<b>Additional Instructions:</b> B# : 21157404																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.											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	Lab Use Only Received on ice: (Y/N)									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 T2 T3									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	AVG Temp °C 4									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	


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## Envirotech Analytical Laboratory

Printed: 11/20/2023 11:07:39AM

## 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:	11/18/23 07:30	Work Order ID:	E311159
Phone:	(575) 631-6977	Date Logged In:	11/17/23 15:23	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/30/23 17:00 (6 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/ResolutionSample 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



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

QUESTIONS  
  
Action 334554

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	334554
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2311348527
Incident Name	NAPP2311348527 RIGHT MEOW 31 CTB 7 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2125751032] RIGHT MEOW 31 CTB 7

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RIGHT MEOW 31 CTB 7
Date Release Discovered	04/21/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 11 BBL   Recovered: 7 BBL   Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	LO arrived to CTB to do his walk thru and saw standing fluids around the 3 phase of the Right Meow 626 well. Pinhole was on a weld of a 2" welded pipe right before water dump valve. 10.6 bbls released. 7 bbls recovered. spill was not in a contained area and impacted the pad. Spill did not go offsite.

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QUESTIONS, Page 2

Action 334554

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	334554
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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: 04/17/2024
--	--

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QUESTIONS, Page 3

Action 334554

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 334554
	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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	4440
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	03/28/2024
On what date will (or did) the final sampling or liner inspection occur	03/28/2024
On what date will (or was) the remediation complete(d)	03/28/2024
What is the estimated surface area (in square feet) that will be reclaimed	1748
What is the estimated volume (in cubic yards) that will be reclaimed	194
What is the estimated surface area (in square feet) that will be remediated	1748
What is the estimated volume (in cubic yards) that will be remediated	194

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 334554

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	334554
	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	scraped surficial staining

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@dmn.com Date: 04/17/2024
--	--

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 334554

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  334554
	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 334554

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 334554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	292050
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/11/2023
What was the (estimated) number of samples that were to be gathered	18
What was the sampling surface area in square feet	1195

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1748
What was the total volume (cubic yards) remediated	194
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1748
What was the total volume (in cubic yards) reclaimed	194
Summarize any additional remediation activities not included by answers (above)	surface soils were scraped.

*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: 04/17/2024
--	--

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QUESTIONS, Page 7  
  
Action 334554

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	334554
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 334554

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	334554
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.	5/14/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/14/2024