GREEN WAVE 20 CTB 3

OCD incident # nAPP2331731081

11/10/2023

Spill Volume(Bbls) Calculator	
Inputs in blue , Outputs in red	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
80	0.250
Cubic Feet of Soil Impacted	1.667
Barrels of Soil Impacted	0.30
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	0.04
Saturation	Fluid present when squeezed
Estimated Barrels of Oil Released	0.02
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
80	7.000
Standing fluid	8.318
Total fluids spilled	**8.363**

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

February 20, 2024

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

Re: Site Assessment, Remediation, and Closure Report
Green Wave 20 CTB 3
API No: N/A
GPS: Latitude 32.03175646 Longitude -103.4937875
UL - F, 20, T26S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2331731081

Pima Environmental Services, LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Site Assessment, Remediation, and Closure Report for a produced water released that occurred at the Green Wave 20 CTB 3 (Green Wave) The initial C-141 was submitted on July 12, 2004, this incident was assigned incident ID NAPP2331731081 by the New Mexico Oil Conservation Division (NMOCD).

Site Characterization

The Green Wave is located approximately nineteen (19) miles Southwest of Jal, NM. This spill site is in Unit F, Section 20, Township 26S, Range 34E, Latitude 32.03175646 Longitude -103.4937875, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up 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 association according to the United State 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 Green Wave (Figure 3).

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04626-POD1) ,the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 1.43 of a miles away from the Green Wave. Drilled on June 16, 2022. Conversely, as per the United States Geological Survey well water data (USGS320108103191301), the nearest groundwater depth in this region is recorded at 235 feet BGS, situated approximately 10.19 miles away from the Green Wave, with the last gauge conducted in 2012.

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’	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

Reference Figure 2 for a Topographic Map.

Release Information

NAPP2331731081: On November 10, 2023, A pinhole developed on a welded area on the 3" ball valve on the water side, causing a fluid to be released on the pad. The released fluids were calculated to be approximately 8.4 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 15, 2023, Pima mobilized personnel to the site to begin collecting soil samples from 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.

11-15-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
DEVON ENERGY - GREEN WAVE 20 CTB 3								
Date Sampled: 11-15-2023				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	86.5	ND	86.5	53.8
	2'	ND	ND	ND	ND	ND	0	ND
	3'	ND	ND	ND	ND	ND	0	1120
	4'	ND	ND	ND	ND	ND	0	ND
SW-1	6"	ND	ND	ND	ND	ND	0	28
SW-2	6"	ND	ND	ND	ND	ND	0	35.2
SW-3	6"	ND	ND	ND	ND	ND	0	25.6
SW-4	6"	ND	ND	ND	ND	ND	0	28.5
BG 1	6"	ND	ND	ND	ND	ND	0	30.1

ND- Analyte Not Detected

On February 5, 2024, the Devon Construction Department mobilized personnel and equipment to begin immediate remediation activities. They began excavating the area to a depth of 3' BGS. The contaminated soil of 8 cubic yards was hauled to an approved, lined disposal facility and clean backfill material was brought in.

On February 12, 2024, after sending a 48-hour notification, application ID:312496 (Appendix C), Pima returned to the site to collect confirmation samples of the excavation. The results of this sampling event can be found in the following table. A Confirmation Sample Map can be found in Figure 5.

2-12-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC - Depth to Groundwater is <50')								
Devon- Green wave 20 CTB 3								
Date 2/12/2024		NM Approved Laboratory Results						
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
CS1- Bottom	3'	ND	ND	ND	ND	ND	0	ND
CSW1	3'	ND	ND	ND	ND	ND	0	ND
CSW2	3'	ND	ND	ND	ND	ND	0	ND
CSW3	3'	ND	ND	ND	ND	ND	0	ND
CSW4	3'	ND	ND	ND	ND	ND	0	ND

ND- Analyte Not Detected

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. The contaminated material was sufficiently removed then transported to an NMOCD approved disposal site. The excavation was then backfilled with clean like material, machine compacted and returned to its previous state. See Appendix D for Photographic Documentation.

Closure Request

After careful review, Pima requests that this incident, NAPP2331731081, 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.

Respectfully,

Gio Gomez

Gio Gomez
Project Manager
Pima Environmental Services, LLC

Attachments

Figures:
1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map
5- Confirmation Sample Map

Appendices:
Appendix A – Referenced Water Surveys
Appendix B – Soil Survey and Geological Data
Appendix C – 48 Hour Notification
Appendix D – Photographic Documentation
Appendix E – Laboratory Reports

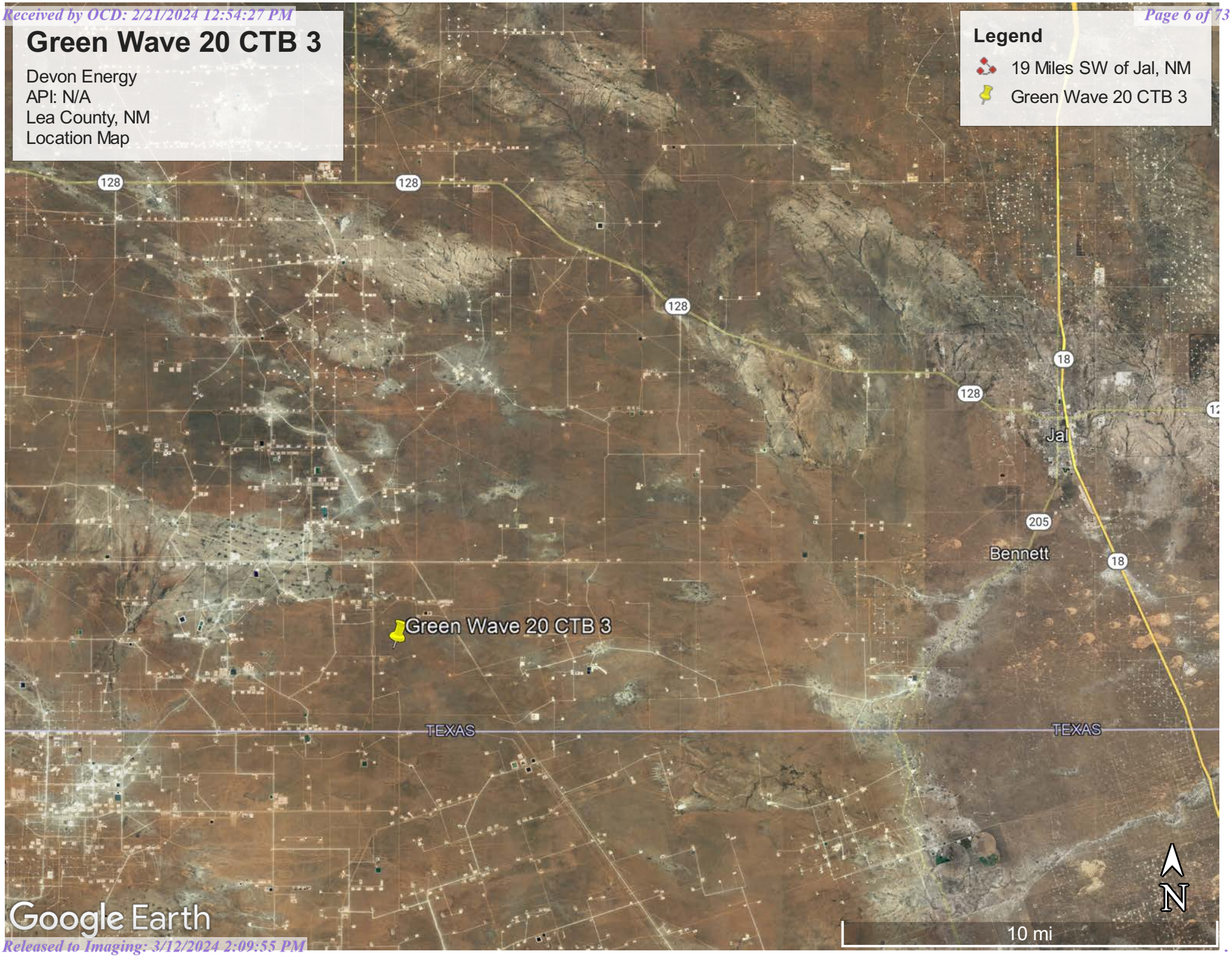
Pima Environmental Services

Figures:

1. Location Map
2. Topographic Map
3. Karst Map
4. Site Map
5. Confirmation Sample Map

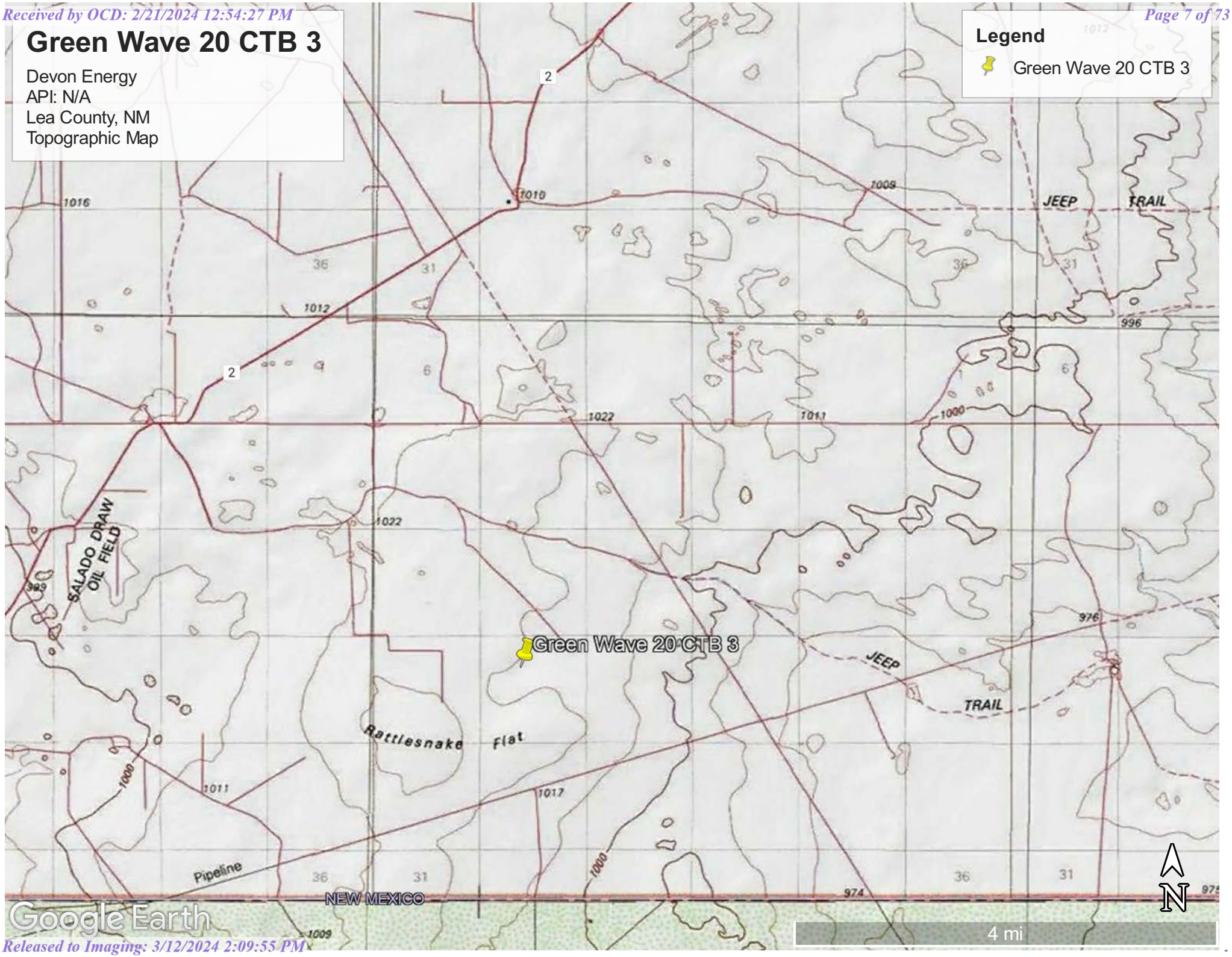
Green Wave 20 CTB 3

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



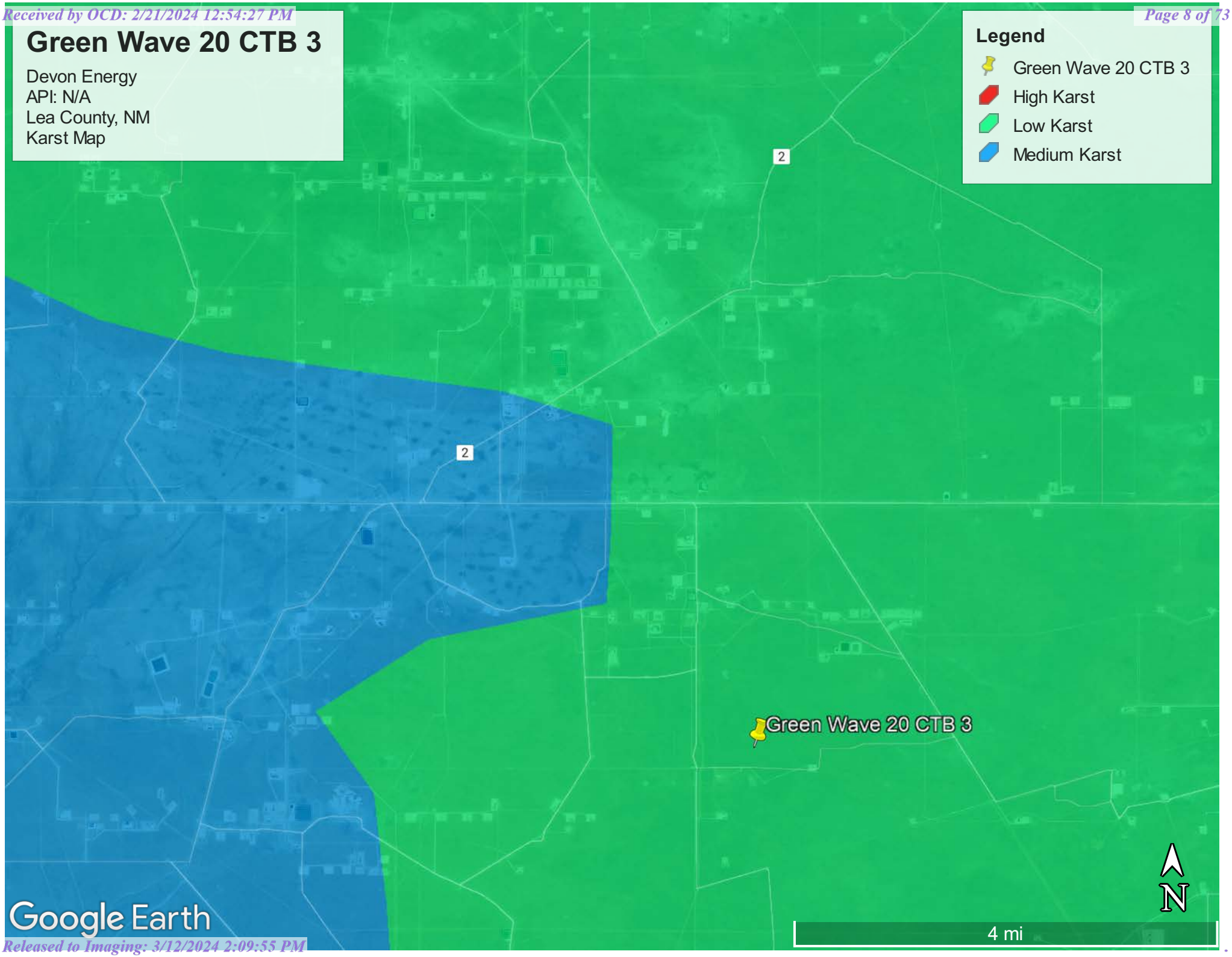
Green Wave 20 CTB 3

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



Green Wave 20 CTB 3

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



Green Wave 20 CTB 3

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

Green Wave 20 CTB 3

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

Legend

- Confirmation Sample Bottom
- Confirmation Sample Sidewalls
- Greenwave 20 CTB 3

Pima Environmental Services

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	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	2342			
C 04583 POD1		CUB	LE	3	3	3	15	26S	34E	644920	3545643	2779	55		
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	3571	250	200	50
C 04710 POD1		CUB	LE	4	4	4	22	26S	34E	646400	3543956	4286			

Average Depth to Water: **200 feet**
Minimum Depth: **200 feet**
Maximum Depth: **200 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

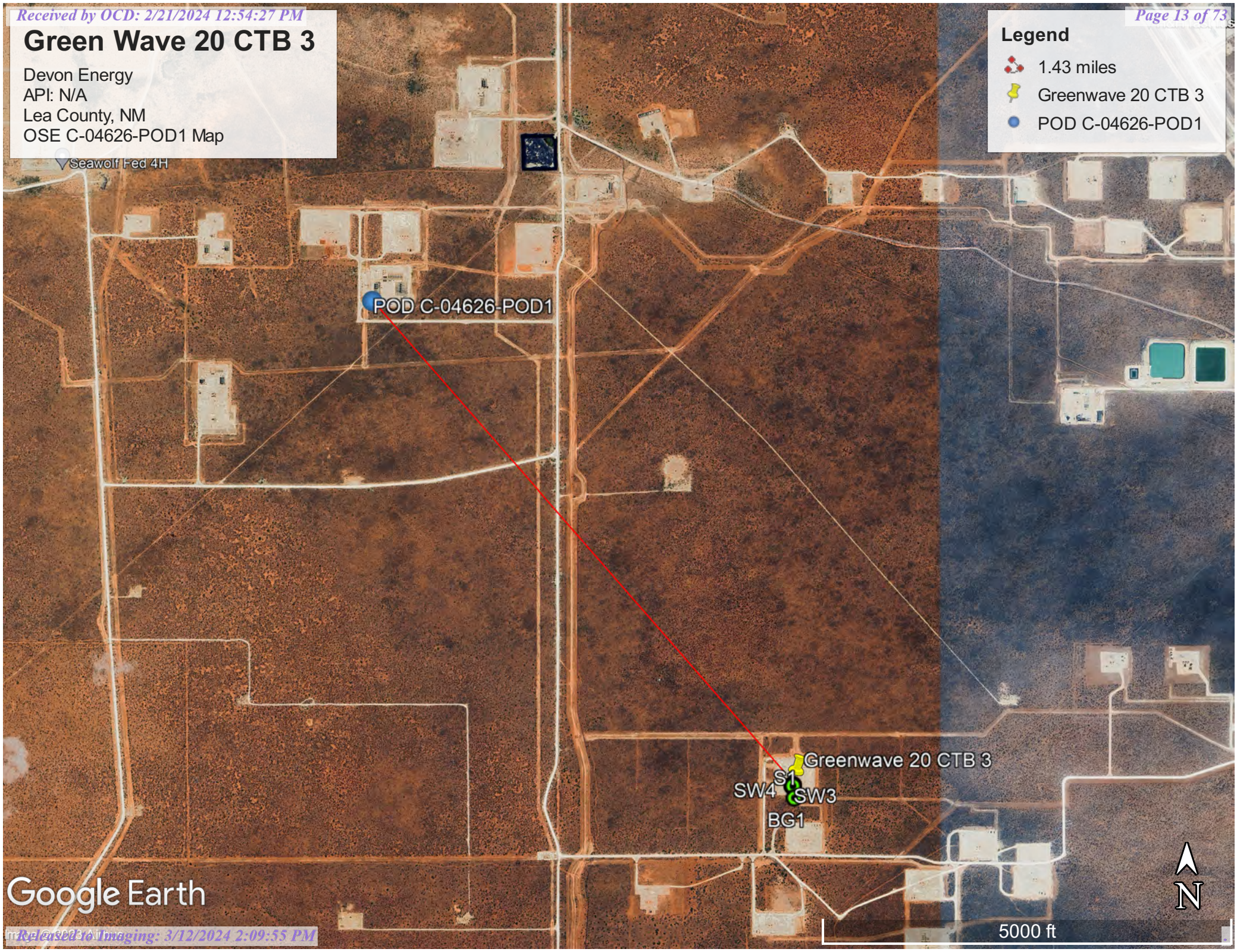
Easting (X): 642228.85 **Northing (Y):** 3544946.77 **Radius:** 5000

11/15/23 9:17 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Green Wave 20 CTB 3

Devon Energy
API: N/A
Lea County, NM
OSE C-04626-POD1 Map



Legend

- 1.43 miles
- Greenwave 20 CTB 3
- POD C-04626-POD1

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

Click to hideNews Bulletins

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

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

site_no list =

- 320108103191301

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

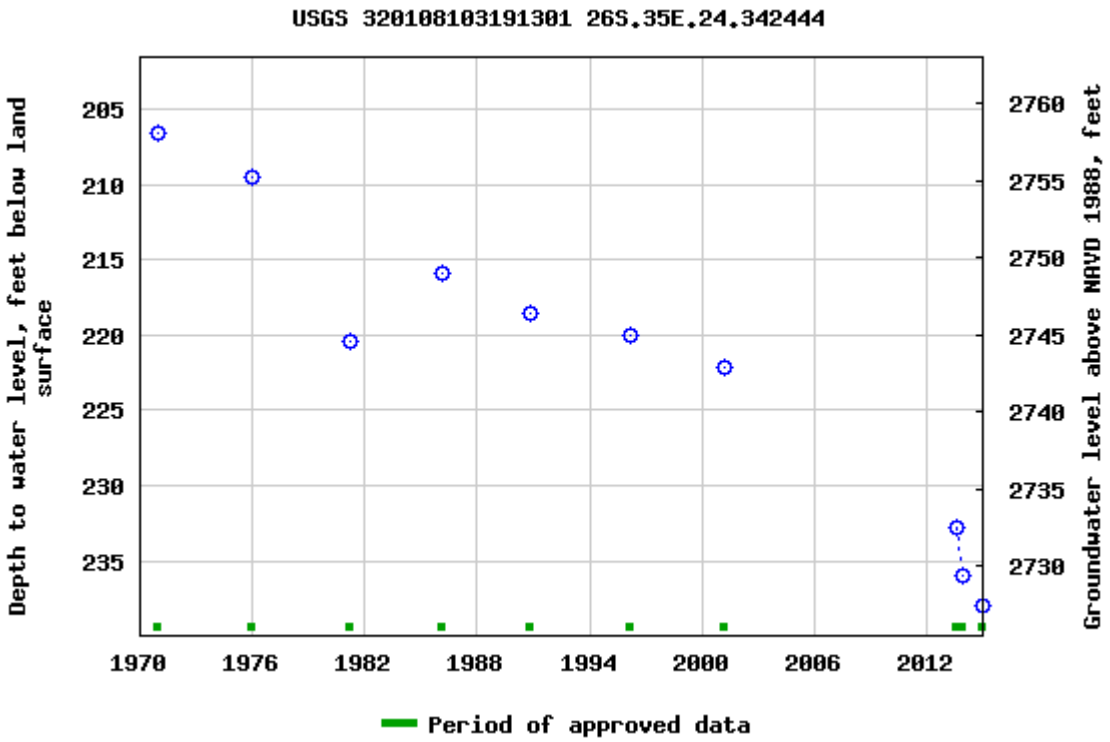
USGS 320108103191301 26S.35E.24.342444

Available data for this site | Groundwater: Field measurements | GO

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°01'08", Longitude 103°19'13" NAD27
Land-surface elevation 2,965 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period



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

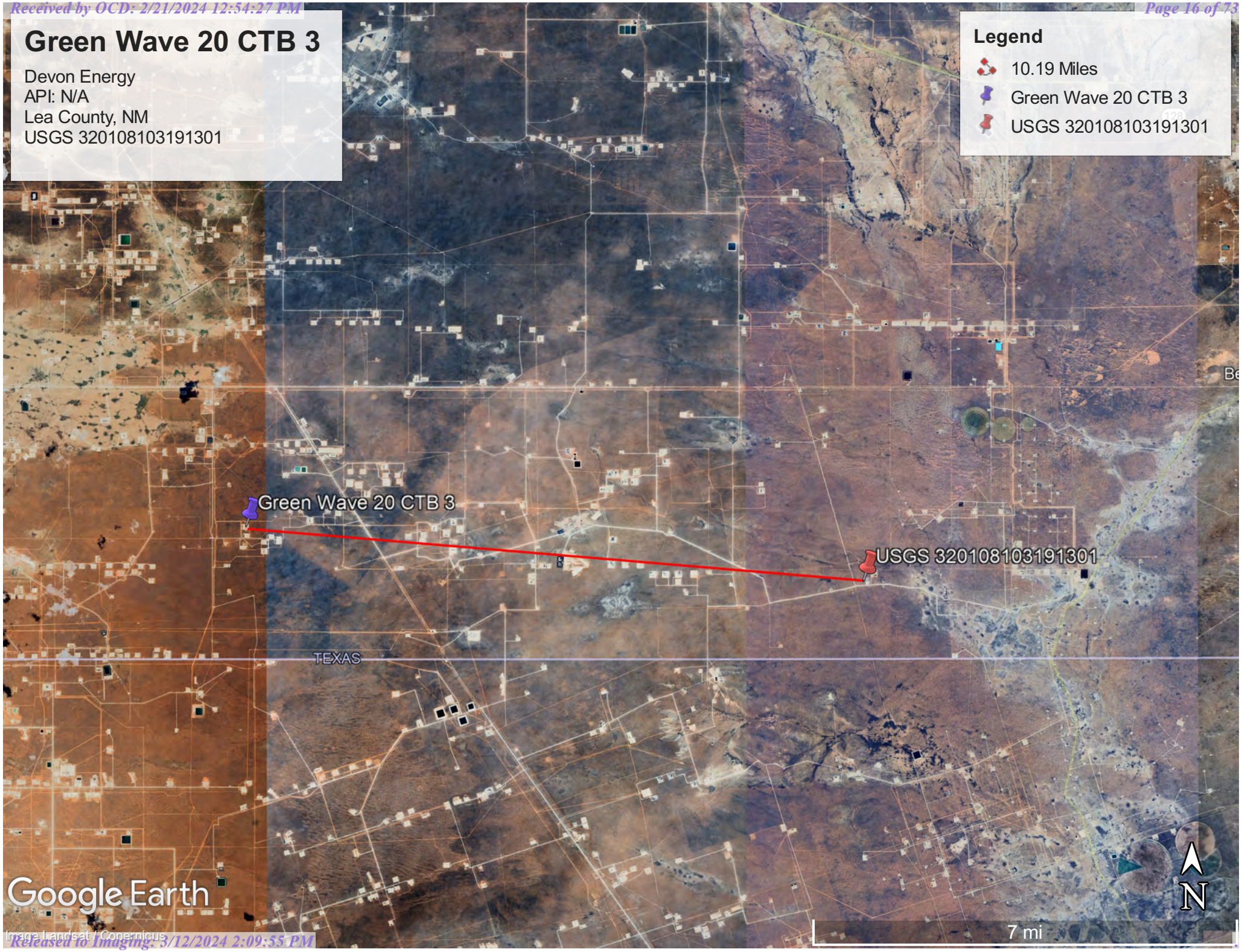
Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Title: Groundwater for USA: Water Levels
URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2023-11-15 11:14:59 EST
0.61 0.54 nadww02

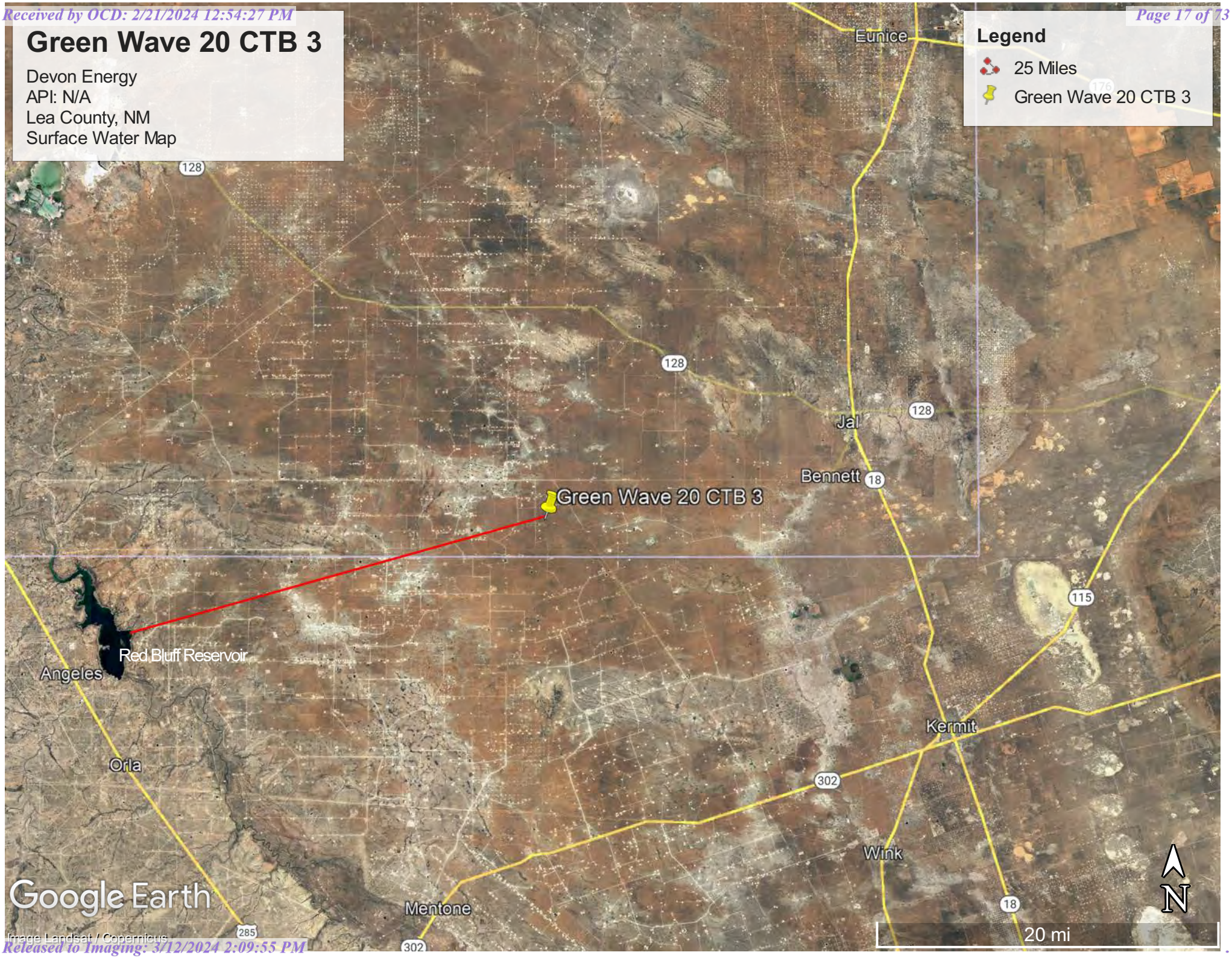
Green Wave 20 CTB 3

Devon Energy
API: N/A
Lea County, NM
USGS 320108103191301



Green Wave 20 CTB 3

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



Pima Environmental Services

Appendix B

Soil Survey & Geological Data

FEMA Flood Map

Wetlands Map

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

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

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

FEMA

103°29'38"W 32°1'49"N

103°29'W 32°1'18"N

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

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

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

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/9/2023 at 4:03 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map

June 23, 2023

Wetlands_Alaska

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

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

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

Pima Environmental Services

Appendix C

48-Hour Notification

Gmail

Gio PimaOil <gio@pimaoil.com>

FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 312496

1 message

Woodall, Dale <Dale.Woodall@dvn.com> Thu, Feb 8, 2024 at 8:29 AM
To: Lynsey Pima Oil <lynsey@pimaoil.com>, Gio PimaOil <gio@pimaoil.com>

Dale Woodall

Environmental Professional

Hobbs, NM

Office: 575-748-1838

Mobile: 405-318-4697

Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Thursday, February 8, 2024 8:29 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 312496

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2331731081.

The sampling event is expected to take place:

When: 02/12/2024 @ 08:00
Where: K-28-27N-13W 1601 FNL 2052 FWL (32.03175646,-103.4937875)

Additional Information: Andrew Franco -806-200-0054

Additional Instructions: From the intersection of NM 128 and County Rd 2, travel southwest on County Rd for 11.56 miles, turn East on lease for 2.58 miles, turn South on lease rd for 2.47 of a miles, Turn East on lease Rd for .18 of a mile, Turn North on lease Rd for .21 of a mile arriving to location.

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

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

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

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

Pima Environmental Services

Appendix D

Photographic Documentation

SITE PHOTOGRAPHS
DEVON ENERGY

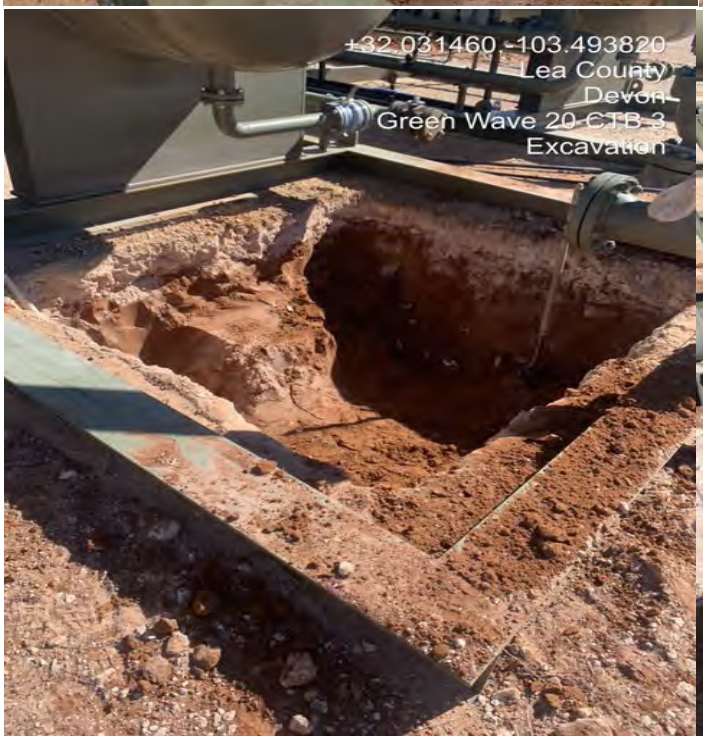
Green Wave 20 CTB 3

Assessment

Excavation


+32.031546,-103.493824
Lea County
Devon
Green Wave 20 CTB 3
Excavation


+32.027201,-103.487478
Devon
Green Wave 20 CTB 3
Excavation
CAUTION


+32.031460,-103.493820
Lea County
Devon
Green Wave 20 CTB 3
Excavation


+32.031460,-103.493820
Lea County
Devon
Green Wave 20 CTB 3
Excavation

Post Excavation

Pima Environmental Services

Appendix E

Laboratory Reports

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Green Wave 20 CTB 3
Work Order:	E311143
Job Number:	01058-0007
Received:	11/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/28/23

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: 11/28/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Green Wave 20 CTB 3
Workorder: E311143
Date Received: 11/17/2023 7:00:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/17/2023 7:00:00AM, under the Project Name: Green Wave 20 CTB 3.

The analytical test results summarized in this report with the Project Name: Green Wave 20 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/23 10:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E311143-01A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
S1-2'	E311143-02A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
S1-3'	E311143-03A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
S1-4'	E311143-04A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
SW 1	E311143-05A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
SW 2	E311143-06A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
SW 3	E311143-07A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
SW 4	E311143-08A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.
BG 1	E311143-09A	Soil	11/15/23	11/17/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

S1-1'

E311143-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	**86.5**	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*89.4 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	**53.8**	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

S1-2'

E311143-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.4 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*90.8 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	ND	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

S1-3'

E311143-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.6 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.1 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*94.7 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	ND	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

S1-4'

E311143-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.7 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*93.0 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	ND	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

SW 1

E311143-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*96.0 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*93.7 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	**28.0**	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

SW 2

E311143-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*97.7 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	**35.2**	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

SW 3

E311143-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.2 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*94.4 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	**25.6**	20.0	1	11/22/23	11/22/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

SW 4

E311143-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/27/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/27/23	
Toluene	ND	0.0250	1	11/17/23	11/27/23	
o-Xylene	ND	0.0250	1	11/17/23	11/27/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/27/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/27/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.1 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/27/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*11/17/23*	*11/27/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*96.3 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	**28.5**	20.0	1	11/22/23	11/23/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

BG 1

E311143-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Benzene	ND	0.0250	1	11/17/23	11/22/23	
Ethylbenzene	ND	0.0250	1	11/17/23	11/22/23	
Toluene	ND	0.0250	1	11/17/23	11/22/23	
o-Xylene	ND	0.0250	1	11/17/23	11/22/23	
p,m-Xylene	ND	0.0500	1	11/17/23	11/22/23	
Total Xylenes	ND	0.0250	1	11/17/23	11/22/23	
Surrogate: 4-Bromochlorobenzene-PID		*94.2 %*	*70-130*	*11/17/23*	*11/22/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346119
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/17/23	11/22/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.3 %*	*70-130*	*11/17/23*	*11/22/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2347080
Diesel Range Organics (C10-C28)	ND	25.0	1	11/22/23	11/22/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/22/23	11/22/23	
Surrogate: n-Nonane		*98.6 %*	*50-200*	*11/22/23*	*11/22/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2347089
Chloride	**30.1**	20.0	1	11/22/23	11/23/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346119-BLK1)									Prepared: 11/17/23 Analyzed: 11/22/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.28*		*8.00*		*91.0*	*70-130*			
LCS (2346119-BS1)									Prepared: 11/17/23 Analyzed: 11/22/23
Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.32	0.0250	5.00		106	70-130			
o-Xylene	5.40	0.0250	5.00		108	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.1	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
Matrix Spike (2346119-MS1)				**Source: E311143-09**					Prepared: 11/17/23 Analyzed: 11/22/23
Benzene	4.07	0.0250	5.00	ND	81.3	54-133			
Ethylbenzene	4.25	0.0250	5.00	ND	85.0	61-133			
Toluene	4.32	0.0250	5.00	ND	86.4	61-130			
o-Xylene	4.39	0.0250	5.00	ND	87.7	63-131			
p,m-Xylene	8.78	0.0500	10.0	ND	87.8	63-131			
Total Xylenes	13.2	0.0250	15.0	ND	87.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.8*	*70-130*			
Matrix Spike Dup (2346119-MSD1)				**Source: E311143-09**					Prepared: 11/17/23 Analyzed: 11/22/23
Benzene	3.72	0.0250	5.00	ND	74.4	54-133	8.98	20	
Ethylbenzene	3.87	0.0250	5.00	ND	77.4	61-133	9.36	20	
Toluene	3.94	0.0250	5.00	ND	78.7	61-130	9.32	20	
o-Xylene	4.00	0.0250	5.00	ND	80.0	63-131	9.18	20	
p,m-Xylene	8.00	0.0500	10.0	ND	80.0	63-131	9.28	20	
Total Xylenes	12.0	0.0250	15.0	ND	80.0	63-131	9.25	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.79*		*8.00*		*97.4*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346119-BLK1)									Prepared: 11/17/23 Analyzed: 11/22/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.1*	*70-130*			
LCS (2346119-BS2)									Prepared: 11/17/23 Analyzed: 11/22/23
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.2*	*70-130*			
Matrix Spike (2346119-MS2)				**Source: E311143-09**					Prepared: 11/17/23 Analyzed: 11/22/23
Gasoline Range Organics (C6-C10)	36.6	20.0	50.0	ND	73.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.53*		*8.00*		*94.1*	*70-130*			
Matrix Spike Dup (2346119-MSD2)				**Source: E311143-09**					Prepared: 11/17/23 Analyzed: 11/22/23
Gasoline Range Organics (C6-C10)	36.4	20.0	50.0	ND	72.7	70-130	0.637	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2347080-BLK1)									Prepared: 11/22/23 Analyzed: 11/22/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.3*		*50.0*		*101*	*50-200*			
LCS (2347080-BS1)									Prepared: 11/22/23 Analyzed: 11/22/23
Diesel Range Organics (C10-C28)	250	25.0	250		100	38-132			
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*50-200*			
Matrix Spike (2347080-MS1)				**Source: E311143-07**					Prepared: 11/22/23 Analyzed: 11/22/23
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*50-200*			
Matrix Spike Dup (2347080-MSD1)				**Source: E311143-07**					Prepared: 11/22/23 Analyzed: 11/22/23
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	38-132	4.57	20	
Surrogate: n-Nonane	*44.4*		*50.0*		*88.8*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/2023 10:11:53AM

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 (2347089-BLK1)									Prepared: 11/22/23 Analyzed: 11/22/23
Chloride	ND	20.0							
LCS (2347089-BS1)									Prepared: 11/22/23 Analyzed: 11/22/23
Chloride	246	20.0	250		98.4	90-110			
Matrix Spike (2347089-MS1)				**Source: E311142-03**					Prepared: 11/22/23 Analyzed: 11/22/23
Chloride	390	200	250	ND	156	80-120			M5
Matrix Spike Dup (2347089-MSD1)				**Source: E311142-03**					Prepared: 11/22/23 Analyzed: 11/22/23
Chloride	374	200	250	ND	150	80-120	4.18	20	M5

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

Definitions and Notes

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/28/23 10:11

M5	The analysis of the MS sample required a dilution such that the spike recovery calculation does not provide useful information. The accociated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
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 1

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Greenwave 20 CTB3	Attention: Devon	Lab WO# E 311143
Project Manager: Tom Bynum	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 580-748-1613	Email:	
Email: tom@pimaoil.com	Pima Project # 321-3	
Report due by:		

TAT				EPA Program	
1D	2D	3D	Standard	CWA	SDWA
			X		
					RCRA

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

Analysis and Method

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
11:04	11/15	S		SI-1'	1							X		
11:10	"	"		SI-2'	2							"		
11:16	"	"		SI-3'	3							"		
11:18	"	"		SI-4'	4							"		
11:25	"	"		SW1	5							"		
11:29	"	"		SW2	6							"		
11:31	"	"		SW3	7							"		
11:36	"	"		SW4	8							"		
11:37	"	"		BG1	9							"		

Additional Instructions: B# 21244237

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	11/16/23	1240	Michelle Garcia	11-16-23	1240
Michelle Garcia	11-16-23	1700	Andrew Mabe	11.16.23	1800
Andrew Mabe	11.16.23	2330	[illegible]	11/17/23	7:00

Lab Use Only — Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 11/17/2023 9:57:38AM

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:	11/17/23 00:00	Work Order ID:	E311143
Phone:	(575) 631-6977	Date Logged In:	11/16/23 16:01	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/27/23 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:	
Sample ID?	Yes
Date/Time Collected?	Yes
Collectors name?	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 filteration required and/or requested for dissolved metals?	No

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Tom Bynum

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Pima Environmental Services-Carlsbad

Project Name:	Green Wave 20 CTB 3
Work Order:	E402099
Job Number:	01058-0007
Received:	2/13/2024

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/24

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

Date Reported: 2/14/24

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Green Wave 20 CTB 3
Workorder: E402099
Date Received: 2/13/2024 5:30:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/13/2024 5:30:00AM, under the Project Name: Green Wave 20 CTB 3.

The analytical test results summarized in this report with the Project Name: Green Wave 20 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/14/24 16:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS1-Bottom	E402099-01A	Soil	02/12/24	02/13/24	Glass Jar, 2 oz.
CSW1	E402099-02A	Soil	02/12/24	02/13/24	Glass Jar, 2 oz.
CSW2	E402099-03A	Soil	02/12/24	02/13/24	Glass Jar, 2 oz.
CSW3	E402099-04A	Soil	02/12/24	02/13/24	Glass Jar, 2 oz.
CSW4	E402099-05A	Soil	02/12/24	02/13/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

CS1-Bottom

E402099-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Benzene	ND	0.0250	1	02/13/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/13/24	02/13/24	
Toluene	ND	0.0250	1	02/13/24	02/13/24	
o-Xylene	ND	0.0250	1	02/13/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/13/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/13/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/24	02/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/24	02/13/24	
Surrogate: n-Nonane		*105 %*	*50-200*	*02/13/24*	*02/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2407032
Chloride	ND	20.0	1	02/13/24	02/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

CSW1

E402099-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Benzene	ND	0.0250	1	02/13/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/13/24	02/13/24	
Toluene	ND	0.0250	1	02/13/24	02/13/24	
o-Xylene	ND	0.0250	1	02/13/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/13/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/13/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*91.5 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/24	02/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/24	02/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*02/13/24*	*02/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2407032
Chloride	ND	20.0	1	02/13/24	02/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

CSW2

E402099-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Benzene	ND	0.0250	1	02/13/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/13/24	02/13/24	
Toluene	ND	0.0250	1	02/13/24	02/13/24	
o-Xylene	ND	0.0250	1	02/13/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/13/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/13/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/24	02/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/24	02/13/24	
Surrogate: n-Nonane		*108 %*	*50-200*	*02/13/24*	*02/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2407032
Chloride	ND	20.0	1	02/13/24	02/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

CSW3

E402099-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Benzene	ND	0.0250	1	02/13/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/13/24	02/13/24	
Toluene	ND	0.0250	1	02/13/24	02/13/24	
o-Xylene	ND	0.0250	1	02/13/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/13/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/13/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/24	02/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/24	02/13/24	
Surrogate: n-Nonane		*95.3 %*	*50-200*	*02/13/24*	*02/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2407032
Chloride	ND	20.0	1	02/13/24	02/13/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

CSW4

E402099-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Benzene	ND	0.0250	1	02/13/24	02/13/24	
Ethylbenzene	ND	0.0250	1	02/13/24	02/13/24	
Toluene	ND	0.0250	1	02/13/24	02/13/24	
o-Xylene	ND	0.0250	1	02/13/24	02/13/24	
p,m-Xylene	ND	0.0500	1	02/13/24	02/13/24	
Total Xylenes	ND	0.0250	1	02/13/24	02/13/24	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RAS			Batch: 2407024
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/13/24	02/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*02/13/24*	*02/13/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2407022
Diesel Range Organics (C10-C28)	ND	25.0	1	02/13/24	02/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/13/24	02/13/24	
Surrogate: n-Nonane		*100 %*	*50-200*	*02/13/24*	*02/13/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2407032
Chloride	ND	20.0	1	02/13/24	02/13/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

Volatile Organics by EPA 8021B

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2407024-BLK1)									Prepared: 02/13/24 Analyzed: 02/13/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			
LCS (2407024-BS1)									Prepared: 02/13/24 Analyzed: 02/13/24
Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.5	70-130			
Toluene	4.89	0.0250	5.00		97.7	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.76	0.0500	10.0		97.6	70-130			
Total Xylenes	14.6	0.0250	15.0		97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		*8.00*		*100*	*70-130*			
Matrix Spike (2407024-MS1)				**Source: E402100-01**					Prepared: 02/13/24 Analyzed: 02/13/24
Benzene	4.72	0.0250	5.00	ND	94.3	54-133			
Ethylbenzene	4.62	0.0250	5.00	ND	92.4	61-133			
Toluene	4.73	0.0250	5.00	ND	94.6	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.1	63-131			
p,m-Xylene	9.44	0.0500	10.0	ND	94.4	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.98*		*8.00*		*99.8*	*70-130*			
Matrix Spike Dup (2407024-MSD1)				**Source: E402100-01**					Prepared: 02/13/24 Analyzed: 02/13/24
Benzene	4.94	0.0250	5.00	ND	98.8	54-133	4.64	20	
Ethylbenzene	4.84	0.0250	5.00	ND	96.9	61-133	4.69	20	
Toluene	4.96	0.0250	5.00	ND	99.2	61-130	4.72	20	
o-Xylene	4.92	0.0250	5.00	ND	98.5	63-131	4.53	20	
p,m-Xylene	9.89	0.0500	10.0	ND	98.9	63-131	4.60	20	
Total Xylenes	14.8	0.0250	15.0	ND	98.7	63-131	4.58	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.93*		*8.00*		*99.1*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2407024-BLK1)									Prepared: 02/13/24 Analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.23*		*8.00*		*90.4*	*70-130*			
LCS (2407024-BS2)									Prepared: 02/13/24 Analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
Matrix Spike (2407024-MS2)				**Source: E402100-01**					Prepared: 02/13/24 Analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	45.3	20.0	50.0	ND	90.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.8*	*70-130*			
Matrix Spike Dup (2407024-MSD2)				**Source: E402100-01**					Prepared: 02/13/24 Analyzed: 02/13/24
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	3.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.9*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2407022-BLK1)									Prepared: 02/13/24 Analyzed: 02/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*59.2*		*50.0*		*118*	*50-200*			
LCS (2407022-BS1)									Prepared: 02/13/24 Analyzed: 02/13/24
Diesel Range Organics (C10-C28)	236	25.0	250		94.5	38-132			
Surrogate: n-Nonane	*58.7*		*50.0*		*117*	*50-200*			
Matrix Spike (2407022-MS1)				**Source: E402100-05**					Prepared: 02/13/24 Analyzed: 02/13/24
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	*54.3*		*50.0*		*109*	*50-200*			
Matrix Spike Dup (2407022-MSD1)				**Source: E402100-05**					Prepared: 02/13/24 Analyzed: 02/13/24
Diesel Range Organics (C10-C28)	240	25.0	250	ND	95.8	38-132	6.18	20	
Surrogate: n-Nonane	*58.8*		*50.0*		*118*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Green Wave 20 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	2/14/2024 4:55:18PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2407032-BLK1)									Prepared: 02/13/24 Analyzed: 02/13/24
Chloride	ND	20.0							
LCS (2407032-BS1)									Prepared: 02/13/24 Analyzed: 02/13/24
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2407032-MS1)				**Source: E402099-04**					Prepared: 02/13/24 Analyzed: 02/13/24
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2407032-MSD1)				**Source: E402099-04**					Prepared: 02/13/24 Analyzed: 02/13/24
Chloride	251	20.0	250	ND	101	80-120	0.401	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:	Green Wave 20 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	02/14/24 16:55

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 1

Client: Pima Environmental Services	Bill To	Lab Use Only	TAT	EPA Program
Project: Greenwave 20 CTB 3	Attention: Devon	Lab WO# E402099	Job Number 01058-0007	1D X	2D	3D	Standard	CWA	SDWA
Project Manager: Tom Bynum	Address:								
Address: 5614 N. Lovington Hwy.	City, State, Zip								RCRA
City, State, Zip Hobbs, NM. 88240	Phone:								
Phone: 580-748-1613	Email:							State	
Email: tom@pimaoil.com	Pima Project # 321-3							NM X	CO	UT	AZ	TX
Report due by:									

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
8:06	2/12	S		CS1 - Bottom	1							X		
8:25	"	"		CSW1	2							"		
8:38	"	"		CSW2	3							"		
8:56	"	"		CSW3	4							"		
9:13	"	"		CSW4	5							"		

Additional Instructions: Billing #212442237

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame	2/12/24	1:30 PM		2-12-24	1330
	2-12-24	1500	Andrew McBee	2.12.24	1800
Andrew McBee	2.12.24	2400	Kaylyn R Hall	2-13-24	0530

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C 4

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 2/13/2024 8:00:26AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Pima Environmental Services-Carlsbad	Date Received:	02/13/24 05:30	Work Order ID:	E402099
Phone:	(575) 631-6977	Date Logged In:	02/12/24 15:24	Logged In By:	Alexa Michaels
Email:	tom@pimaoil.com	Due Date:	02/13/24 17:00 (0 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

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

QUESTIONS

Action 316339

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316339
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2331731081**
Incident Name	**NAPP2331731081 GREEN WAVE 20 CTB 3 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2130250168] GREEN WAVE 20 CTB 3**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GREEN WAVE 20 CTB 3
Date Release Discovered	11/10/2023
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 | Valve | Produced Water | Released: 8 BBL | Recovered: 7 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A pinhole developed on a welded area on the 3" ball valve on the water side. The well was shut in and the leak was isolated. 8.4 bbls released. 7 bbls recovered.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316339
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/21/2024

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316339
	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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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	Yes
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	02/07/2024
On what date will (or did) the final sampling or liner inspection occur	01/12/2024
On what date will (or was) the remediation complete(d)	02/08/2024
What is the estimated surface area (in square feet) that will be remediated	78
What is the estimated volume (in cubic yards) that will be remediated	8
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316339
	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.)	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/21/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316339
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	**316344**
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	**02/12/2024**
Was all the impacted materials removed from the liner	**Yes**
What was the liner inspection surface area in square feet	**6600**

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	**Yes**
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	see report

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@dvn.com Date: 02/21/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 316339

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 316339
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	3/12/2024