RECLAMATION REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERIVCES, LLC.

April 22, 2025

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

NMOCD District 1
1625 N French Dr
Hobbs, NM 88240

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

RE:	Reclamation Report
LOCATION:	Fighting Okra 18 CTB 3
FACILITY ID:	fAPP2123646509
GPS (NAD83):	32.049378, -103.516575
INCIDENT LOCATION:	D-18-T26S-R34E
COUNTY:	Lea
NMOCD REF. NO.	nAPP2317925175

Pima Environmental Services LLC. (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare this Reclamation Report for a produced water release that occurred at the Fighting Okra 18 CTB 3 (Fighting Okra). This incident was assigned Incident ID nAPP2317925175 by the New Mexico Oil Conservation Division (NMOCD).

RELEASE INFORMATION

nAPP2317925175: June 27, 2023 – "A water line developed a leak, causing a fluid to be released. The released fluids were calculated to be approximately 5.76 barrels (bbls) of produced water. A vacuum truck was able to recover 2 bbls of standing fluid.

SITE CHARACTERIZATION

The Fighting Okra is located approximately twenty (20) miles southwest of Jal, NM. This spill site is in Unit D, Section 18, Township 26S, Range 34E, Latitude 32.049378 Longitude -103.516575, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up of Eolian and piedmont deposits. Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. 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 Fighting Okra (Figure 3) with the nearest medium karst zone being 0.17 miles north. A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer, the depth to the nearest groundwater in this vicinity measures greater than 55 feet below grade surface (bgs). The closest POD with information is C-04626-POD1 which was drilled in 2022 and is approximately 0.39 miles away from this release area. The United States Geological Survey well water data shows the nearest groundwater depth in this region is recorded at 76 feet bgs, from well USGS 320059103333501 26S.33E.27.21112, which is situated approximately 3.18 miles away from the Fighting Okra. For detailed Water Surveys and Water-Related Maps please refer to Appendix A.

According to the U.S. Fish and Wildlife Service National Wetlands Inventory, a Freshwater Emergent Wetland lies approximately 0.42 miles to the north of the release area. According to a FEMA search for flood hazard information, the Fighting Okra is in Zone D – Area of Undetermined Flood Hazard.

Closure criteria for reclamation actvities at the Fighting Okra pad surface are classified under the less than 50-foot depth to groundwater section of Table 1 19.15.29.12 NMAC. The regulatory limits are as follows: Chlorides should be less than 600 mg/kg, TPH (GRO+DRO+MRO) should be less than 100 mg/kg, BTEX should be less than 50 mg/kg, and Benzene should be less than 10 mg/kg.

A desktop review of the Fighting Okra was performed and found to not be in range of any Special Status Plant or Wildlife Species. A Special Status Plant/Wildlife Map can be referenced in Figure 5.

SITE ASSESSMENT ACTIVITIES

On November 8, 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.

11-8-23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 51-100')								
DEVON ENERGY -FIGHTING OKRA 18 CTB 3								
Sample Date: 11/8/2023				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	446
	2'	ND	ND	ND	ND	ND	0	219
	3'	ND	ND	ND	ND	ND	0	98.6
	4'	ND	ND	ND	ND	ND	0	73.2
S-2	1'	ND	ND	ND	ND	ND	0	201
	2'	ND	ND	ND	ND	ND	0	183
	3'	ND	ND	ND	ND	ND	0	96
	4'	ND	ND	ND	ND	ND	0	73.3
S-3	1'	ND	ND	ND	ND	ND	0	241
	2'	ND	ND	ND	ND	ND	0	496
	3'	ND	ND	ND	ND	ND	0	141
	4'	ND	ND	ND	ND	ND	0	113
S-4	1'	ND	ND	ND	ND	ND	0	509
	2'	ND	ND	ND	ND	ND	0	294
	3'	ND	ND	ND	ND	ND	0	142
	4'	ND	ND	ND	ND	ND	0	133
SW 1 Comp	0-4'	ND	ND	ND	ND	ND	0	358
SW 2 Comp	0-4'	ND	ND	ND	ND	ND	0	362
SW 3 Comp	0-4'	ND	ND	ND	ND	ND	0	328
SW 4 Comp	0-4'	ND	ND	ND	ND	ND	0	406
SW 5 Comp	0-4'	ND	ND	ND	ND	ND	0	331
BG 1	6"	ND	ND	ND	ND	ND	0	353

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. See Appendix D for Photographic Documentation.

Remediation Closure Report Approved by the NMOCD on January 12, 2024.

RECLAMATION ACTIVITIES

The release and reclamation extent are on the pad surface and did not require remediation according to the lab sample results. These results also verified that the top 4 feet of soil in this area includes non-waste containing, earthen material with contaminant levels that are below the regulatory limits of 19.15.29.13 NMAC. Therefore, once this pad surface is no longer needed for production or subsequent drilling operations, the following proposed revegetation plan is submitted for review.

Devon respectfully requests approval of this reclamation closure report for the release area associated with this incident.

PROPOSED VEGETATION PLAN

A certified weed-free seed mix designed by the BLM to meet reclamation standards will be used. Based on the soil

complex (Pyote and Maljamar fine sands) within and surrounding the site, The BLM Seed Mixture #2 for sandy sites will be used for seeding and will be seeded according to the following:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

Species	lb/acre
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

The seed mix will be purchased from a New Mexico Department of Agriculture (NMDA) licensed dealer. Revegetation efforts will be completed in the first favorable growing season after all site reclamation activities have been completed.

RECLAMATION/VEGETATION MONITORING

Devon personnel will monitor vegetative growth to ensure the reclamation activities performed were sufficient. Monitoring will include inspections conducted at least semi-annually until revegetation is considered complete. The inspections will include monitoring and treating the reclamation for unauthorized traffic, erosion, and invasive or noxious weeds. When it has been determined that vegetation has been established that reflects pre-disturbance vegetation cover with a total percent plant cover of greater than 70% of pre-disturbance area levels, excluding invasive or noxious weeds, a final revegetation report will be submitted for review/approval.

Should you have any questions or need additional information, please feel free to contact:
Devon Energy Production – Jim Raley at 575-689-7597 or jim.raley@dvn.com.
Pima Environmental – Tom Bynum at 575-964-7740 or tom@pimaoil.com.

ATTACHMENTS

FIGURES:

1- Location Map
2- Topographic Map
3- Karst Map
4- Site Map
5- Special Status Plant/Wildlife Map

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APPENDICES:

Appendix A – Water Surveys & Water-Related Maps

Appendix B – Soil Survey & Geological Data

Appendix C – C-141 Form

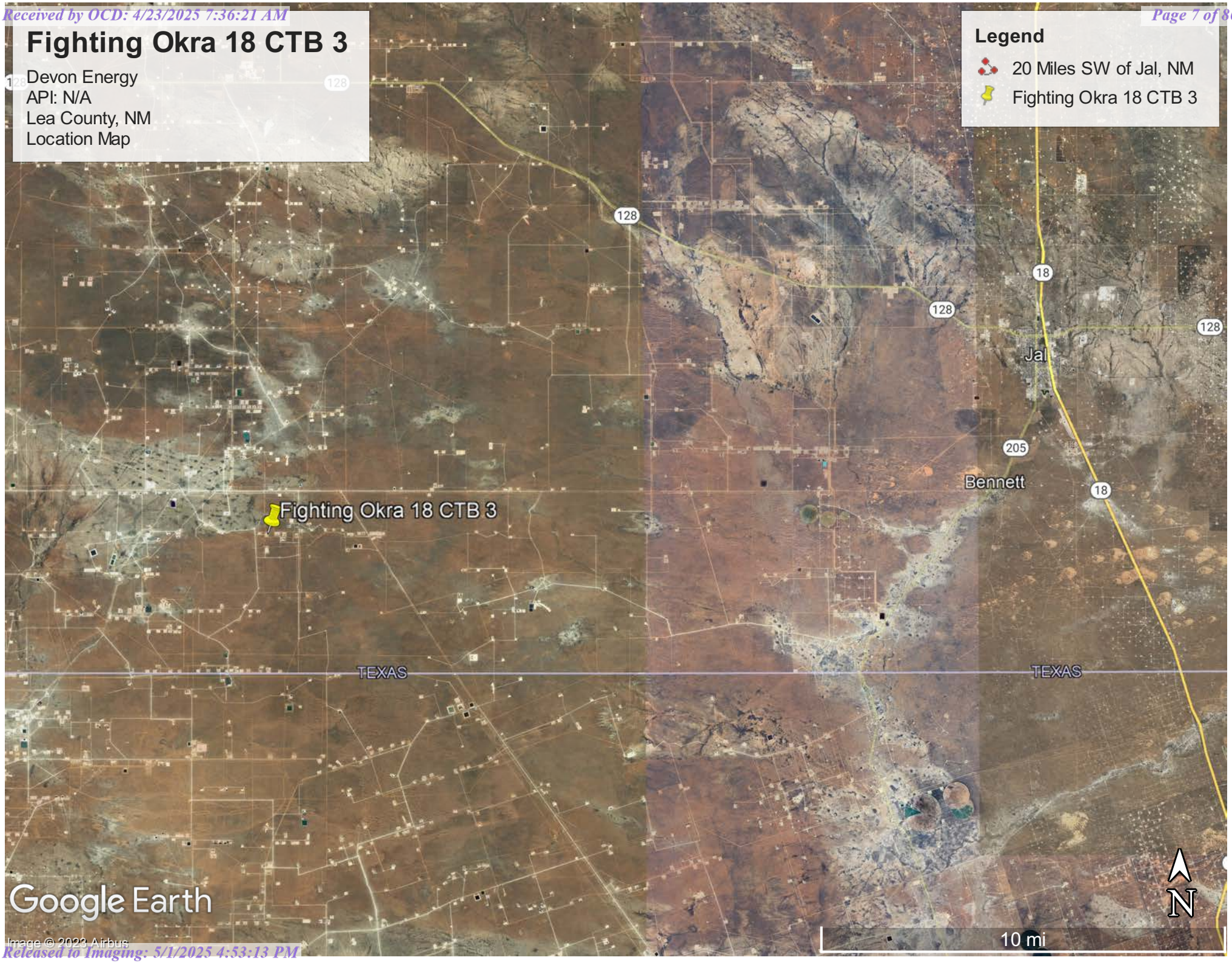
Appendix D – Photographic Documentation

Appendix E – Laboratory Reports

FIGURES

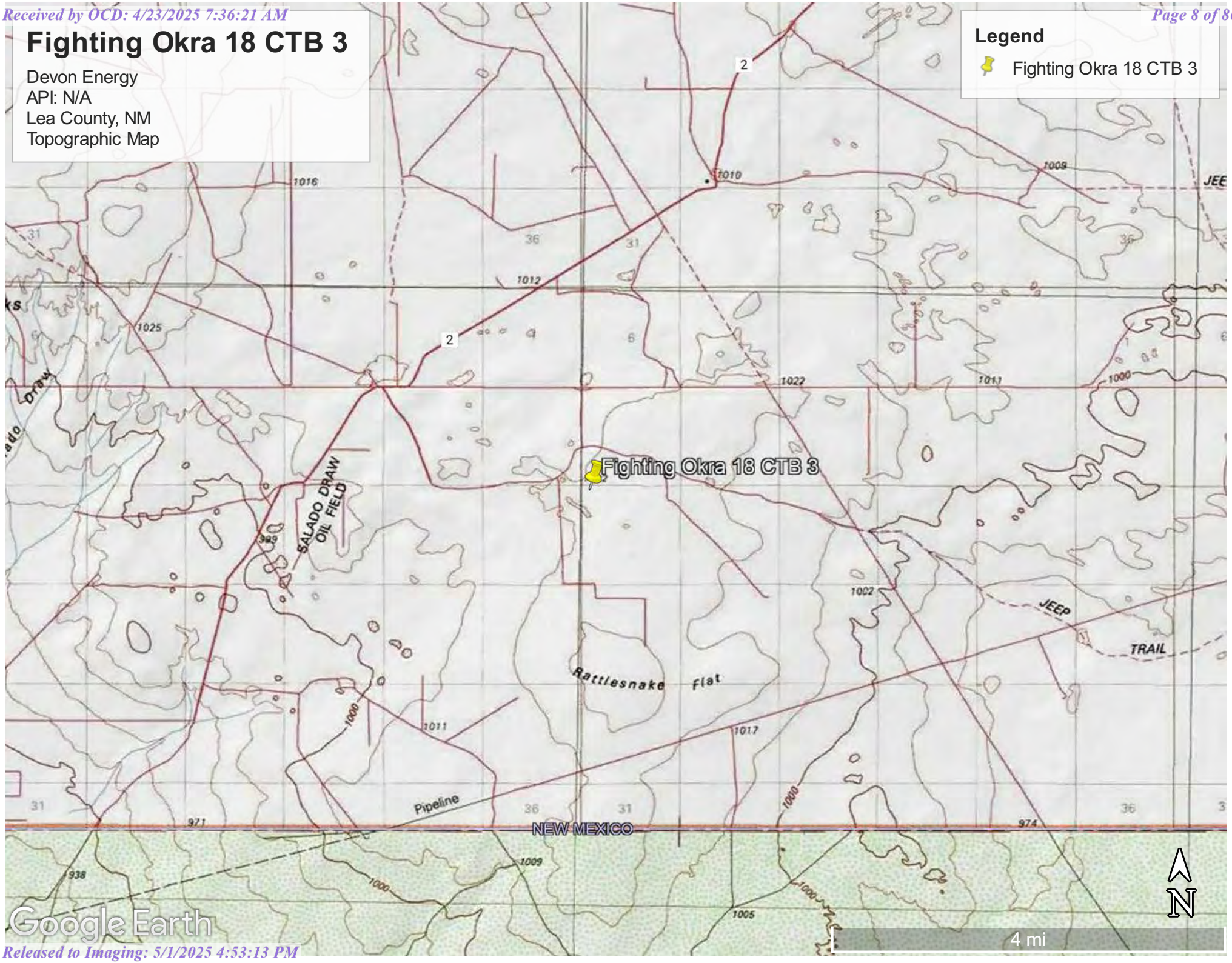
Fighting Okra 18 CTB 3

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



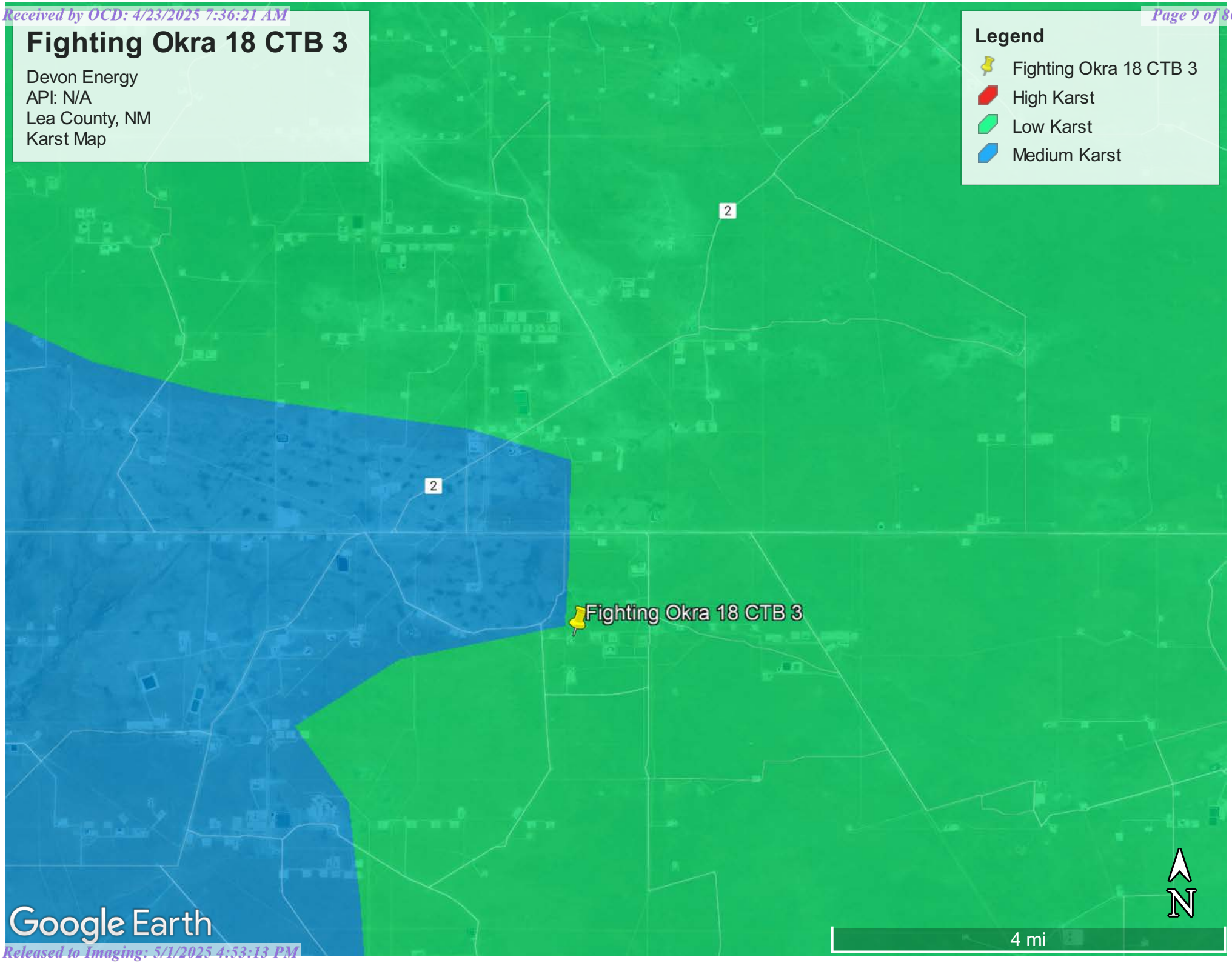
Fighting Okra 18 CTB 3

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



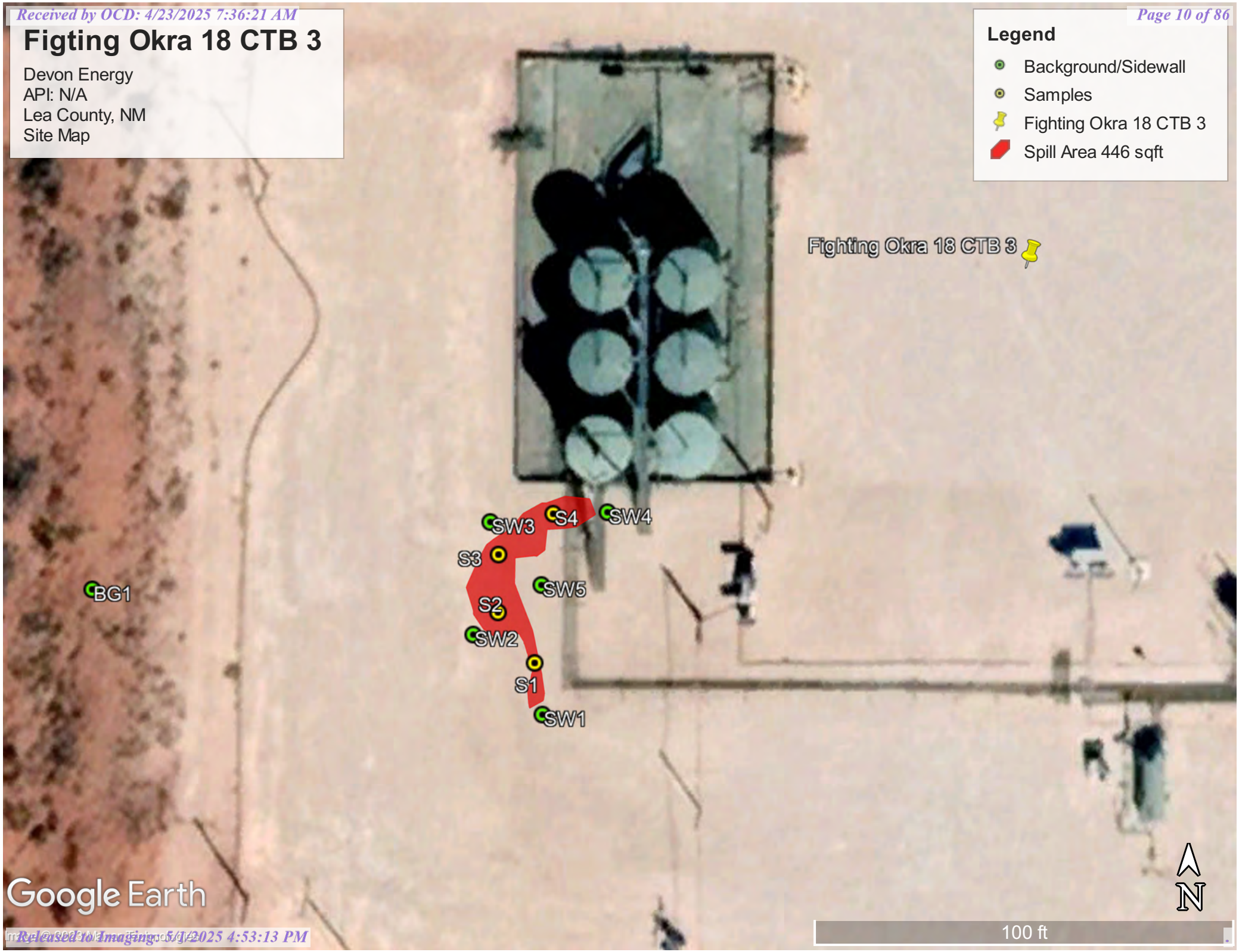
Fighting Okra 18 CTB 3

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



Figting Okra 18 CTB 3

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



Special Status Plant/Wildlife Map

4/22/2025

Potential Habitat (Planning Area Only)

Scheer's beehive cactus

Lesser Prairie Chicken Habitat

Isolated Population Area

World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations

19m Resolution Metadata

1:76,174

0 0.5 1 2 mi

0 0.75 1.5 3 km

Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community,

APPENDIX A

Water Surveys

Water-Related Maps

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

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

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

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

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04626 POD1		CUB	LE	4	2	1	18	26S	34E	640644	3546672	604			
C 02295		CUB	LE	2	2	4	12	26S	33E	639865	3547624	722	250	200	50
C 02293		CUB	LE	2	2	1	14	26S	33E	637501	3546975	2602	200	135	65
C 02294		CUB	LE	4	4	3	11	26S	33E	637465	3547003	2638	200	145	55
C 02292 POD1		CUB	LE	4	1	2	06	26S	34E	640992	3549987	3171	200	140	60
C 03441 POD1		C	LE	4	1	2	06	26S	34E	640971	3550039	3216	250		
C 03442 POD1		C	LE	4	1	2	06	26S	34E	641056	3550028	3229	251		
C 02291		CUB	LE	1	1	2	06	26S	34E	640825	3550140*	3278	220	160	60
C 04628 POD1		CUB	LE	1	1	2	01	26S	33E	639121	3550219	3421			
C 02289		CUB	LE	4	4	4	03	26S	33E	636612	3548675*	3897	200	160	40
C 02288		CUB	LE	4	4	4	03	26S	33E	636646	3548758	3905	220	180	40
C 02285 POD1		CUB	LE	1	4	4	03	26S	33E	636613	3548855	3980	220	220	0
C 02290		CUB	LE	4	4	4	03	26S	33E	636538	3548770	4006	200	160	40
C 02286		CUB	LE	3	4	4	03	26S	33E	636470	3548714	4043	220	175	45
C 02287		C	LE	3	4	4	03	26S	33E	636427	3548708	4078	220		
C 04583 POD1		CUB	LE	3	3	3	15	26S	34E	644920	3545643	4988	55		

Average Depth to Water: **167 feet**
Minimum Depth: **135 feet**
Maximum Depth: **220 feet**

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 640103.34 **Northing (Y):** 3546942.42 **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.

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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 04626 POD1	4	2	1	18	26S	34E	640644	3546672

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: JACKIE ATKINS

Drill Start Date: 06/09/2022 **Drill Finish Date:** 06/09/2022 **Plug Date:**

Log File Date: 06/16/2022 **PCW Rcv Date:** **Source:**

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

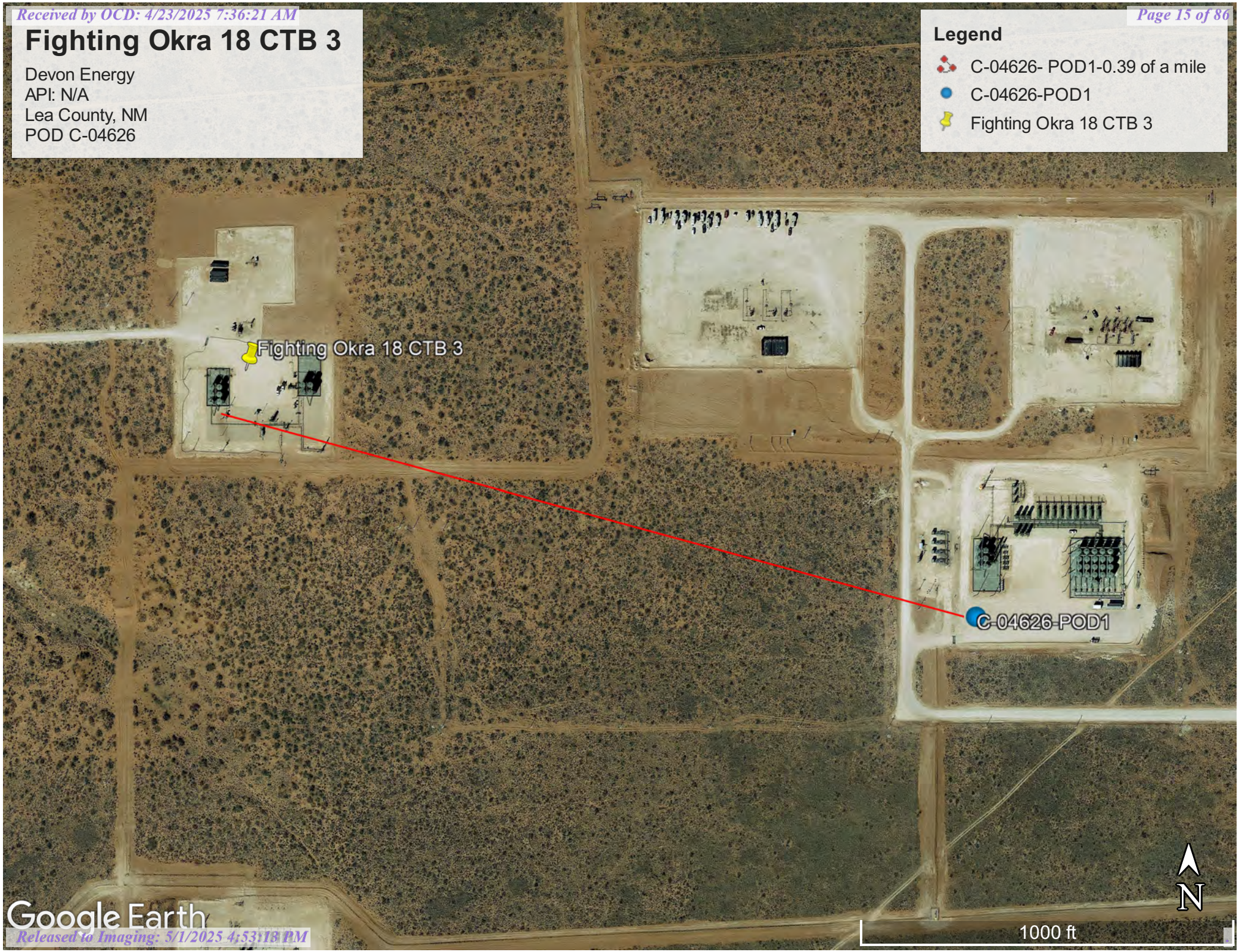
Casing Size: **Depth Well:** **Depth Water:**

Casing Perforations:	Top	Bottom
	0	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.

Fighting Okra 18 CTB 3

Devon Energy
API: N/A
Lea County, NM
POD C-04626



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 =

- 320059103333501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

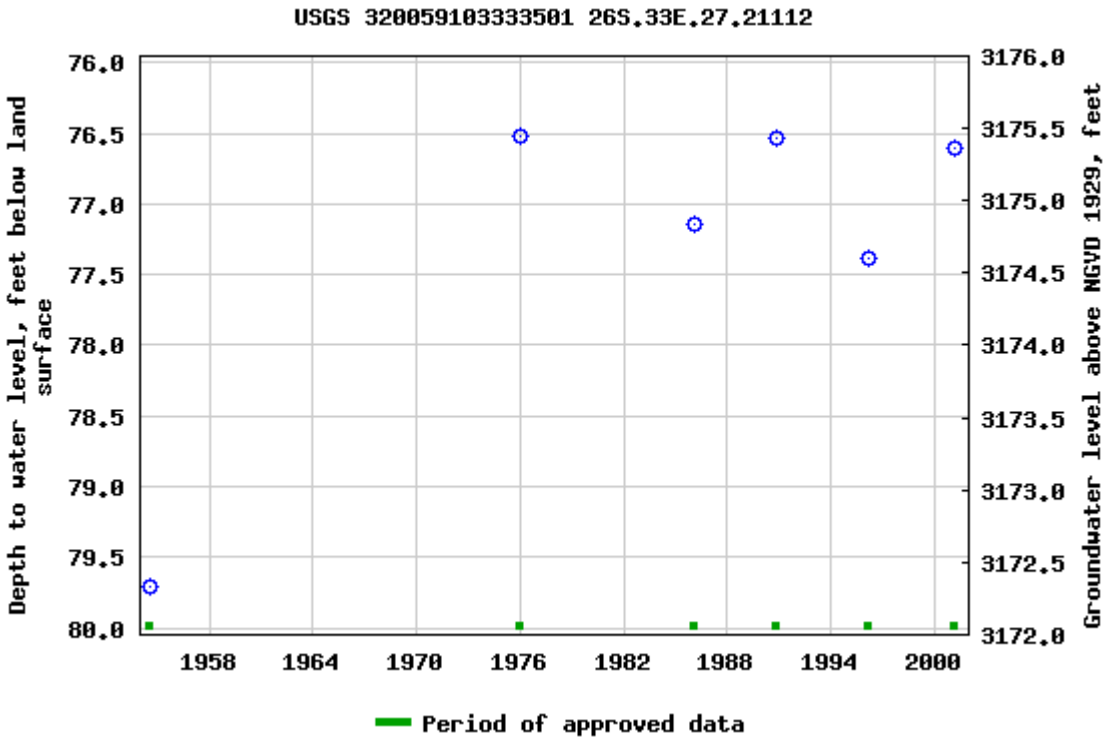
USGS 320059103333501 26S.33E.27.21112

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

Lea County, New Mexico
Hydrologic Unit Code 13070001
Latitude 32°01'16.0", Longitude 103°33'33.9" NAD83
Land-surface elevation 3,252.00 feet above NGVD29
The depth of the well is 200 feet below land surface.
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

Accessibility FOIA Privacy Policies and Notices

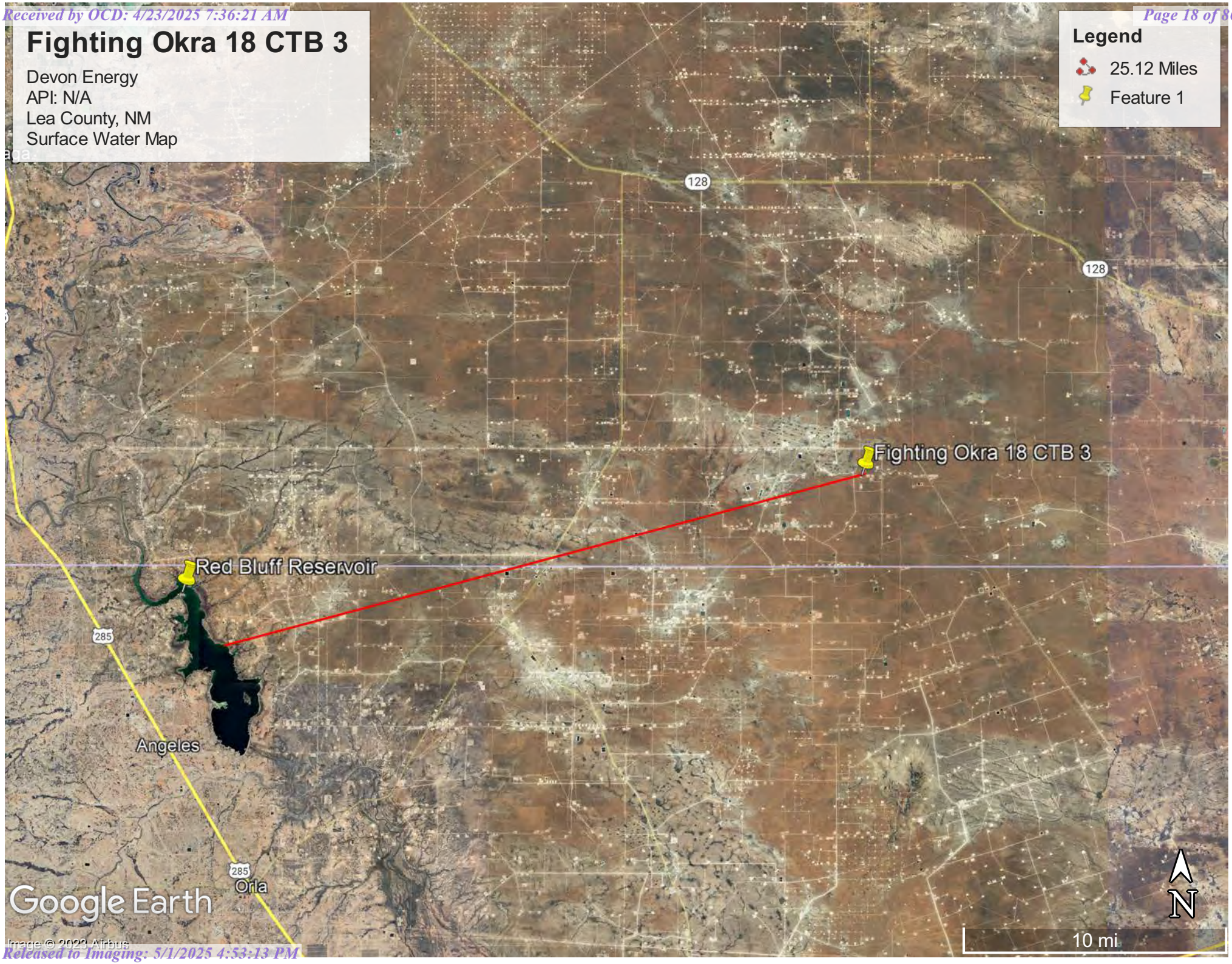
U.S. Department of the Interior | U.S. Geological Survey

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: 2023-07-07 15:49:08 EDT
0.54 0.46 nadww02

Fighting Okra 18 CTB 3

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



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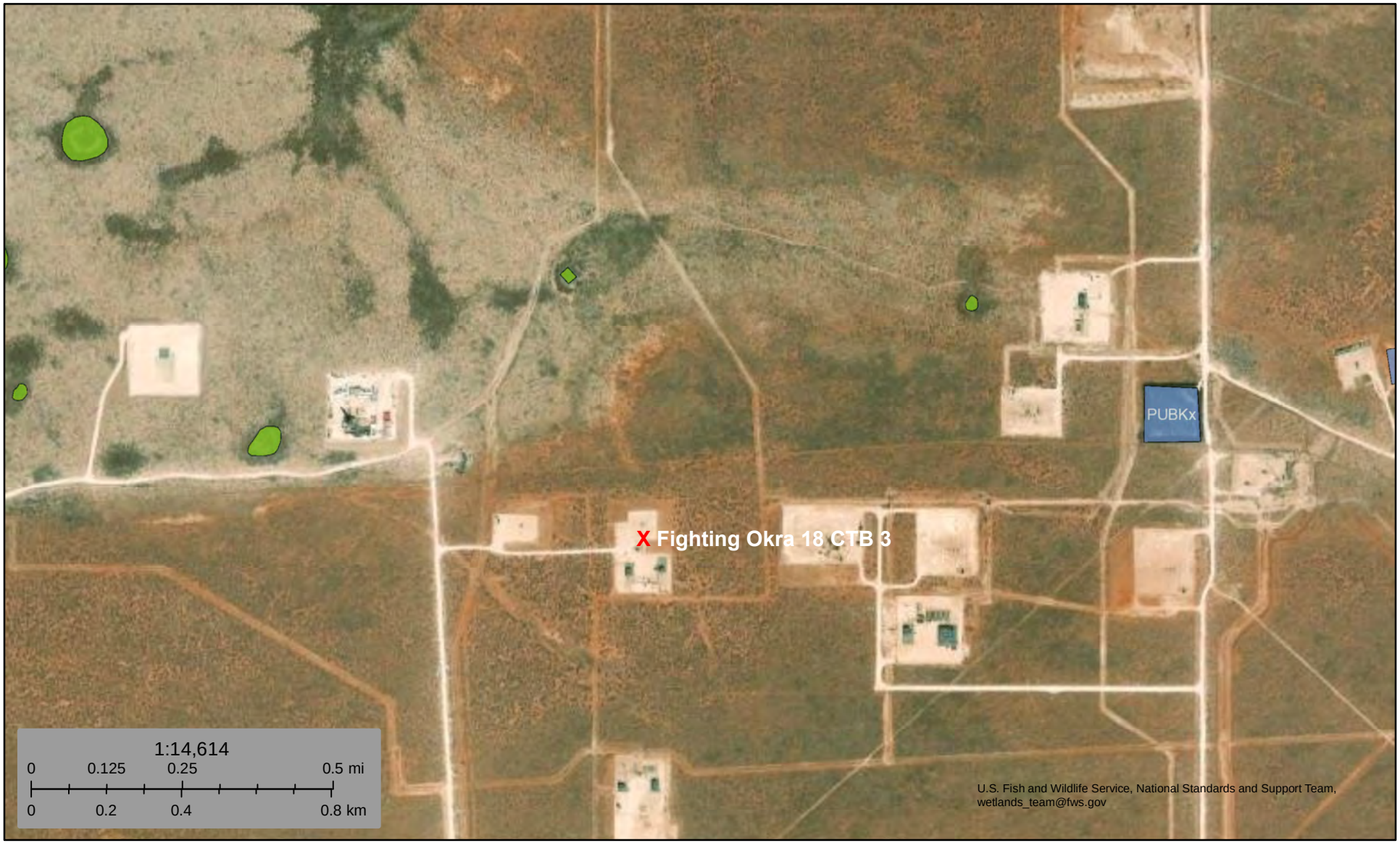
U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



July 7, 2023

Wetlands

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

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

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

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National Flood Hazard Layer FIRMette

FEMA

103°31'18"W 32°3'13"N

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

1:6,000

103°30'41"W 32°2'42"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *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*

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 11/20/2023 at 4:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

APPENDIX B

Soil Survey

Soil Map

Geologic Unit Map

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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

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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

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Hydric soil rating: No

Data Source Information

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

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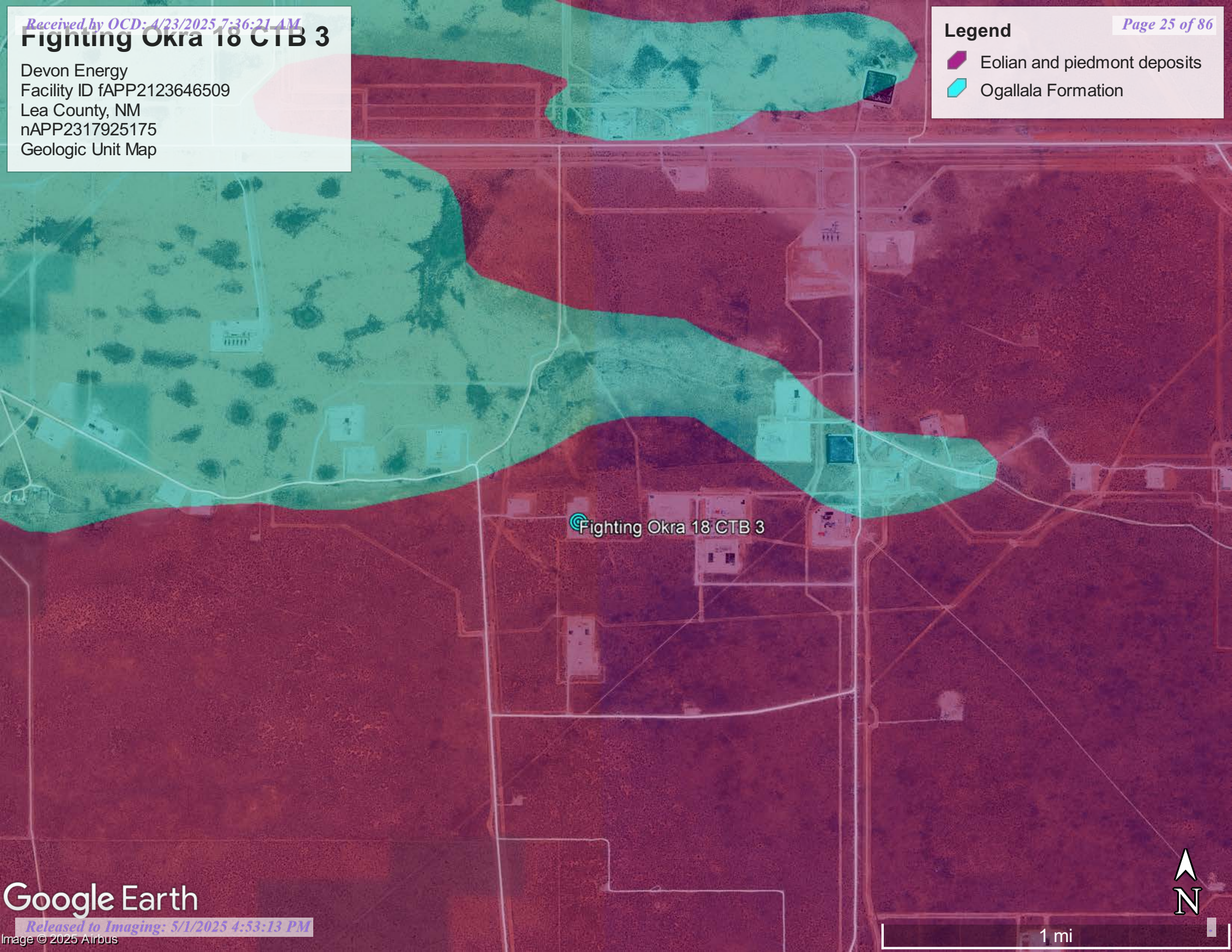
Fighting Okra 18 CTB 3

Devon Energy
Facility ID fAPP2123646509
Lea County, NM
nAPP2317925175
Geologic Unit Map



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APPENDIX C

C-141 Form

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2317925175
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # *(assigned by OCD)*
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.049378 Longitude -103.516575
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Fighting Okra 18 CTB 3	Site Type Oil
Date Release Discovered 6/27/2023	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
D	18	26S	34E	Lea

Surface Owner: ☐ State ■ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
■ Produced Water	Volume Released (bbls) 5.76 BBLS	Volume Recovered (bbls) 2 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release Pin hole leak developed on water line.		

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ■ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
- ■ The impacted area has been secured to protect human health and the environment.
- ■ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ■ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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.

Printed Name: Kendra Ruiz Title: EHS Associate

Signature: Kendra Ruiz Date: 7/11/2023

email: Kendra.Ruiz@dvn.com Telephone: 575-748-0167

OCD Only

Received by: Shelly Wells Date: 7/13/2023

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

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 238768
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	7/13/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2317925175
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	51-100' (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2317925175
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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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 11/27/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Incident ID	NAPP2317925175
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Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

[x] A scaled site and sampling diagram as described in 19.15.29.11 NMAC

[x] Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

[x] Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

[x] Description of remediation activities

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.

Printed Name: Dale Woodall Title: Environmental Professional

Signature: Dale Woodall Date: 11/27/2023

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Scott Rodgers Date: 01/12/2024

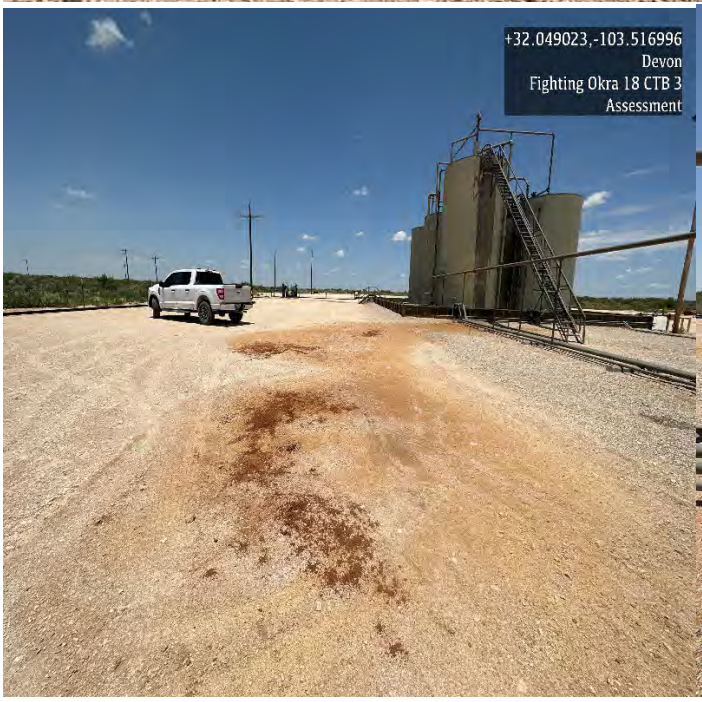
Printed Name: Scott Rogers Title: _____

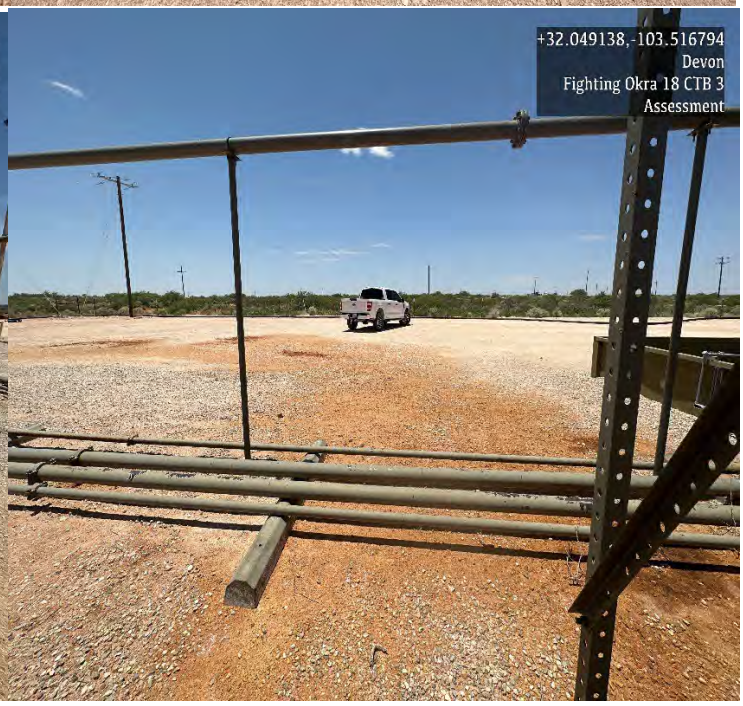
APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS
DEVON ENERGY
FIGHTING OKRA 18 CTB 3

Site Assessment






+32.049169,-103.516906
Devon
Fighting Okra 18 CTB 3
Assessment


+32.049117,-103.516981
Lea County
Devon
Fighting Okra 18 CTB 3
Assessment


+32.049097,-103.516844
Lea County
Devon
Fighting Okra 18 CTB 3
Assessment


+32.049017,-103.516928
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Assessment


+32.049138,-103.516903
Lea County
Devon
Fighting Okra 18 CTB 3
Assessment

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:	Fighting Okra 18 CTB 3
Work Order:	E311081
Job Number:	01058-0007
Received:	11/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/17/23

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: 11/17/23

Tom Bynum
PO Box 247
Plains, TX 79355-0247

Project Name: Fighting Okra 18 CTB 3
Workorder: E311081
Date Received: 11/10/2023 9:15:00AM

Tom Bynum,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/10/2023 9:15:00AM, under the Project Name: Fighting Okra 18 CTB 3.

The analytical test results summarized in this report with the Project Name: Fighting Okra 18 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

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Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/23 14:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S1-1'	E311081-01A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S1-2'	E311081-02A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S1-3'	E311081-03A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S1-4'	E311081-04A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S2-1'	E311081-05A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S2-2'	E311081-06A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S2-3'	E311081-07A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S2-4'	E311081-08A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S3-1'	E311081-09A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S3-2'	E311081-10A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S3-3'	E311081-11A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S3-4'	E311081-12A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S4-1'	E311081-13A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S4-2'	E311081-14A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S4-3'	E311081-15A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
S4-4'	E311081-16A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
SW1	E311081-17A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
SW2	E311081-18A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
SW3	E311081-19A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
SW4	E311081-20A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
SW5	E311081-21A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.
BG1	E311081-22A	Soil	11/08/23	11/10/23	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S1-1'

E311081-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*96.9 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**446**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S1-2'

E311081-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*99.1 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*118 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**219**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S1-3'

E311081-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*98.4 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**98.6**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S1-4'

E311081-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*97.4 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*116 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**73.2**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S2-1'

E311081-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*94.8 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*115 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**201**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S2-2'

E311081-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*94.2 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*135 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**183**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S2-3'

E311081-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*104 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**96.0**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S2-4'

E311081-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*96.6 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*91.9 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**73.3**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S3-1'

E311081-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/14/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/14/23	
Toluene	ND	0.0250	1	11/13/23	11/14/23	
o-Xylene	ND	0.0250	1	11/13/23	11/14/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/14/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/14/23	
Surrogate: Bromofluorobenzene		*93.7 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/13/23*	*11/14/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/13/23*	*11/14/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*88.7 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**241**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S3-2'

E311081-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.5 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**496**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S3-3'

E311081-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*85.7 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**141**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S3-4'

E311081-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*85.0 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**113**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S4-1'

E311081-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*98.6 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**509**	20.0	1	11/14/23	11/14/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S4-2'

E311081-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*85.2 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**294**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S4-3'

E311081-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*98.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*87.4 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**142**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

S4-4'

E311081-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*96.4 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*87.5 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**133**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

SW1

E311081-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*98.1 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*111 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**358**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

SW2

E311081-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*95.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*85.8 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**362**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

SW3

E311081-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*95.8 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*97.9 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*82.4 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**328**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

SW4

E311081-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346015
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*98.9 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/14/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/14/23	11/16/23	
Surrogate: n-Nonane		*103 %*	*50-200*	*11/14/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346031
Chloride	**406**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

SW5

E311081-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346009
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*91.6 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*99.0 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346042
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		*96.6 %*	*50-200*	*11/15/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346032
Chloride	**331**	20.0	1	11/14/23	11/15/23	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

BG1

E311081-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2346009
Benzene	ND	0.0250	1	11/13/23	11/15/23	
Ethylbenzene	ND	0.0250	1	11/13/23	11/15/23	
Toluene	ND	0.0250	1	11/13/23	11/15/23	
o-Xylene	ND	0.0250	1	11/13/23	11/15/23	
p,m-Xylene	ND	0.0500	1	11/13/23	11/15/23	
Total Xylenes	ND	0.0250	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2346009
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/13/23	11/15/23	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: 1,2-Dichloroethane-d4		*94.3 %*	*70-130*	*11/13/23*	*11/15/23*	
Surrogate: Toluene-d8		*98.7 %*	*70-130*	*11/13/23*	*11/15/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2346042
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		*97.3 %*	*50-200*	*11/15/23*	*11/16/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2346032
Chloride	**353**	20.0	1	11/14/23	11/15/23	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346009-BLK1)									Prepared: 11/13/23 Analyzed: 11/14/23
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	*0.536*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.479*		*0.500*		*95.7*	*70-130*			
LCS (2346009-BS1)									Prepared: 11/13/23 Analyzed: 11/14/23
Benzene	2.76	0.0250	2.50		110	70-130			
Ethylbenzene	2.50	0.0250	2.50		99.8	70-130			
Toluene	2.42	0.0250	2.50		96.9	70-130			
o-Xylene	2.44	0.0250	2.50		97.5	70-130			
p,m-Xylene	4.74	0.0500	5.00		94.8	70-130			
Total Xylenes	7.18	0.0250	7.50		95.7	70-130			
Surrogate: Bromofluorobenzene	*0.538*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.484*		*0.500*		*96.8*	*70-130*			
Surrogate: Toluene-d8	*0.480*		*0.500*		*95.9*	*70-130*			
Matrix Spike (2346009-MS1)				**Source: E311077-22**					Prepared: 11/13/23 Analyzed: 11/14/23
Benzene	2.63	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.7	45-135			
Toluene	2.41	0.0250	2.50	ND	96.4	48-130			
o-Xylene	2.45	0.0250	2.50	ND	98.1	43-135			
p,m-Xylene	4.76	0.0500	5.00	ND	95.1	43-135			
Total Xylenes	7.21	0.0250	7.50	ND	96.1	43-135			
Surrogate: Bromofluorobenzene	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.465*		*0.500*		*92.9*	*70-130*			
Surrogate: Toluene-d8	*0.490*		*0.500*		*98.0*	*70-130*			
Matrix Spike Dup (2346009-MSD1)				**Source: E311077-22**					Prepared: 11/13/23 Analyzed: 11/14/23
Benzene	2.74	0.0250	2.50	ND	109	48-131	4.03	23	
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135	3.64	27	
Toluene	2.47	0.0250	2.50	ND	99.0	48-130	2.58	24	
o-Xylene	2.58	0.0250	2.50	ND	103	43-135	4.91	27	
p,m-Xylene	5.01	0.0500	5.00	ND	100	43-135	5.11	27	
Total Xylenes	7.58	0.0250	7.50	ND	101	43-135	5.04	27	
Surrogate: Bromofluorobenzene	*0.537*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.471*		*0.500*		*94.1*	*70-130*			
Surrogate: Toluene-d8	*0.487*		*0.500*		*97.3*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346015-BLK1)									Prepared: 11/13/23 Analyzed: 11/14/23
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	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
LCS (2346015-BS1)									Prepared: 11/13/23 Analyzed: 11/14/23
Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.54	0.0250	2.50		102	70-130			
Toluene	2.58	0.0250	2.50		103	70-130			
o-Xylene	2.36	0.0250	2.50		94.5	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.11	0.0250	7.50		94.8	70-130			
Surrogate: Bromofluorobenzene	*0.471*		*0.500*		*94.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
Matrix Spike (2346015-MS1)				**Source: E311081-04**					Prepared: 11/13/23 Analyzed: 11/14/23
Benzene	2.53	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.54	0.0250	2.50	ND	102	45-135			
Toluene	2.56	0.0250	2.50	ND	102	48-130			
o-Xylene	2.39	0.0250	2.50	ND	95.7	43-135			
p,m-Xylene	4.82	0.0500	5.00	ND	96.5	43-135			
Total Xylenes	7.22	0.0250	7.50	ND	96.2	43-135			
Surrogate: Bromofluorobenzene	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.519*		*0.500*		*104*	*70-130*			
Surrogate: Toluene-d8	*0.523*		*0.500*		*105*	*70-130*			
Matrix Spike Dup (2346015-MSD1)				**Source: E311081-04**					Prepared: 11/13/23 Analyzed: 11/14/23
Benzene	2.55	0.0250	2.50	ND	102	48-131	0.670	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	2.30	27	
Toluene	2.62	0.0250	2.50	ND	105	48-130	2.47	24	
o-Xylene	2.48	0.0250	2.50	ND	99.1	43-135	3.41	27	
p,m-Xylene	4.98	0.0500	5.00	ND	99.7	43-135	3.24	27	
Total Xylenes	7.46	0.0250	7.50	ND	99.5	43-135	3.30	27	
Surrogate: Bromofluorobenzene	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

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 (2346009-BLK1)									Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.536*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: Toluene-d8	*0.479*		*0.500*		*95.7*	*70-130*			
LCS (2346009-BS2)									Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	52.3	20.0	50.0		105	70-130			
Surrogate: Bromofluorobenzene	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.482*		*0.500*		*96.3*	*70-130*			
Surrogate: Toluene-d8	*0.489*		*0.500*		*97.8*	*70-130*			
Matrix Spike (2346009-MS2)				**Source: E311077-22**					Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130			
Surrogate: Bromofluorobenzene	*0.561*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.466*		*0.500*		*93.1*	*70-130*			
Surrogate: Toluene-d8	*0.494*		*0.500*		*98.8*	*70-130*			
Matrix Spike Dup (2346009-MSD2)				**Source: E311077-22**					Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.1	70-130	14.0	20	
Surrogate: Bromofluorobenzene	*0.549*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.477*		*0.500*		*95.4*	*70-130*			
Surrogate: Toluene-d8	*0.496*		*0.500*		*99.2*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

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 (2346015-BLK1)									Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.485*		*0.500*		*97.0*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.535*		*0.500*		*107*	*70-130*			
LCS (2346015-BS2)									Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	*0.496*		*0.500*		*99.1*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.500*		*0.500*		*99.9*	*70-130*			
Surrogate: Toluene-d8	*0.543*		*0.500*		*109*	*70-130*			
Matrix Spike (2346015-MS2)				**Source: E311081-04**					Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.4	70-130			
Surrogate: Bromofluorobenzene	*0.494*		*0.500*		*98.8*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.490*		*0.500*		*97.9*	*70-130*			
Surrogate: Toluene-d8	*0.546*		*0.500*		*109*	*70-130*			
Matrix Spike Dup (2346015-MSD2)				**Source: E311081-04**					Prepared: 11/13/23 Analyzed: 11/14/23
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130	5.21	20	
Surrogate: Bromofluorobenzene	*0.493*		*0.500*		*98.6*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.560*		*0.500*		*112*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346038-BLK1)									Prepared: 11/14/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*57.7*		*50.0*		*115*	*50-200*			
LCS (2346038-BS1)									Prepared: 11/14/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	262	25.0	250		105	38-132			
Surrogate: n-Nonane	*57.1*		*50.0*		*114*	*50-200*			
Matrix Spike (2346038-MS1)				**Source: E311081-06**					Prepared: 11/14/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	*56.3*		*50.0*		*113*	*50-200*			
Matrix Spike Dup (2346038-MSD1)				**Source: E311081-06**					Prepared: 11/14/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	1.75	20	
Surrogate: n-Nonane	*58.4*		*50.0*		*117*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2346042-BLK1)									Prepared: 11/15/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.2*		*50.0*		*88.4*	*50-200*			
LCS (2346042-BS1)									Prepared: 11/15/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	231	25.0	250		92.4	38-132			
Surrogate: n-Nonane	*43.8*		*50.0*		*87.6*	*50-200*			
Matrix Spike (2346042-MS1)				**Source: E311080-05**					Prepared: 11/15/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.5	38-132			
Surrogate: n-Nonane	*43.7*		*50.0*		*87.4*	*50-200*			
Matrix Spike Dup (2346042-MSD1)				**Source: E311080-05**					Prepared: 11/15/23 Analyzed: 11/16/23
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	38-132	2.99	20	
Surrogate: n-Nonane	*45.0*		*50.0*		*90.1*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

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 (2346031-BLK1)									Prepared: 11/14/23 Analyzed: 11/14/23
Chloride	ND	20.0							
LCS (2346031-BS1)									Prepared: 11/14/23 Analyzed: 11/14/23
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2346031-MS1)				**Source: E311081-06**					Prepared: 11/14/23 Analyzed: 11/15/23
Chloride	423	20.0	250	183	95.9	80-120			
Matrix Spike Dup (2346031-MSD1)				**Source: E311081-06**					Prepared: 11/14/23 Analyzed: 11/15/23
Chloride	431	20.0	250	183	99.2	80-120	1.95	20	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Fighting Okra 18 CTB 3	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/2023 2:52:05PM

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 (2346032-BLK1)									Prepared: 11/14/23 Analyzed: 11/15/23
Chloride	ND	20.0							
LCS (2346032-BS1)									Prepared: 11/14/23 Analyzed: 11/15/23
Chloride	245	20.0	250		97.9	90-110			
Matrix Spike (2346032-MS1)				**Source: E311087-04**					Prepared: 11/14/23 Analyzed: 11/15/23
Chloride	3640	200	250	3570	30.8	80-120			M4
Matrix Spike Dup (2346032-MSD1)				**Source: E311087-04**					Prepared: 11/14/23 Analyzed: 11/15/23
Chloride	3790	200	250	3570	91.1	80-120	4.05	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:	Fighting Okra 18 CTB 3	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Tom Bynum	11/17/23 14:52

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Envirotech Analytical Laboratory

Printed: 11/13/2023 9:45:57AM

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:	11/10/23 09:15	Work Order ID:	E311081
Phone:	(575) 631-6977	Date Logged In:	11/09/23 16:24	Logged In By:	Jordan Montano
Email:	tom@pimaoil.com	Due Date:	11/16/23 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:

Client Instruction

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

Date

envirotech Inc.

Released to Imaging: 5/1/2025 4:53:13 PM
Received by OCD: 4/23/2025 7:36:21 AM

Project Information

Chain of Custody

Page 1 of 3

Client: Pima Environmental Services	
Project: Fighting OKra 18 CTB 3	
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: Devon	
Address:	
City, State, Zip	
Phone:	
Email:	
Pima Project #	332-1

Lab Use Only

Lab WO#	Job Number
E311081	01058-0007

TAT

1D	2D	3D	Standard
			X

EPA Program

CWA	SDWA
	RCRA

State

NM	CO	UT	AZ	TX	
X					

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	11/8/23	S		S1-1'	1									X				
8:17	"	"		S1-2'	2									"				
8:25				S1-3'	3													
8:38				S1-4'	4													
8:48				S2-1'	5													
8:56				S2-2'	6													
8:59				S2-3'	7													
9:10				S2-4'	8													
9:19				S3-1'	9													
9:28				S3-2'	10													

Additional Instructions: B# 21191031

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
Karina Adame	11/9/23	2:15	Michelle Gaytan	11-9-23	1415
Michelle Gaytan	11-9-23	1730	Andrea Mosso	11-9-23	1830
Andrea Mosso	11-9-23	2400	[illegible]	11/10/23	9:15

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

Released to Imaging: 5/1/2025 4:53:13 PM
Received by OCD: 4/23/2025 7:36:21 AM

Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Fighting Okra 18 CTB3
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: Devon
Address:
City, State, Zip
Phone:
Email:
Pima Project # 332-1

Lab Use Only
Lab WO# E311081
Job Number 01058-0001

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

EPA Program: CWA | SDWA | 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
9:49	11/8	S		S3 - 3'	11									X				
9:55				S3 - 4'	12													
10:10				S4 - 1'	13													
10:21				S4 - 2'	14													
10:29				S4 - 3'	15													
10:36				S4 - 4	16													
10:48				SW1	17													
10:53				SW2	18													
10:59				SW3	19													
10:05				SW4	20													

Additional Instructions: B# 2119/031

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
Larime Adame	11/9/23	2:15	Michelle Gaytan	11-9-23	1415
Michelle Gaytan	11-9-23	1730	Andrew Nunez	11.9.23	1830
Andrew Nunez	11.9.23	2400	Amontano	11/10/23	9:185

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

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Released to Imaging: 5/1/2025 4:53:13 PM
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Project Information

Chain of Custody

Client: Pima Environmental Services
Project: Fighting Okra 18 CTB 3
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: Deron
Address:
City, State, Zip
Phone:
Email:
Pima Project # 332-1

Lab Use Only
Lab WO# E311081
Job Number 01058-0001

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

EPA Program: CWA | SDWA | 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
10:10	11/8	S		SWS	21									X				
10:18	1	1		BG1	22									1				

Additional Instructions: BF 2119031

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
Larine Adams	11/9/23	2:15	Michelle Gaylor	11-9-23	1415
Michelle Gaylor	11-9-23	1730	Andrew Garcia	11.9.23	1830
Andrew Garcia	11.9.23	2400	J Mendoza	11/10/23	9:15

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

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other
Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, **v** - VOA

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

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

QUESTIONS

Action 454547

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2317925175**
Incident Name	**NAPP2317925175 FIGHTING OKRA 18 CTB 3 @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fAPP2123646509] FIGHTING OKRA 18 CTB 3**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FIGHTING OKRA 18 CTB 3
Date Release Discovered	06/27/2023
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: Corrosion | Pipeline (Any) | Produced Water | Released: 6 BBL | Recovered: 2 BBL | Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	509
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	11/08/2023
On what date will (or did) the final sampling or liner inspection occur	11/08/2023
On what date will (or was) the remediation complete(d)	11/08/2023
What is the estimated surface area (in square feet) that will be reclaimed	446
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	446
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	No soil removal required.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2025
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: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**454576**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/08/2023**
What was the (estimated) number of samples that were to be gathered	**9**
What was the sampling surface area in square feet	**446**

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	446
What was the total volume (cubic yards) remediated	0
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	446
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	No actions necessary, reclamation standard already met

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	446
What was the total volume of replacement material (in cubic yards) for this site	0
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a 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.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	05/01/2040
Summarize any additional reclamation activities not included by answers (above)	No actions necessary, reclamation standard already met
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 04/23/2025

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 454547
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	5/1/2025