RECLAMATION REPORT

PREPARED FOR:
DEVON ENERGY PRODUCTION, LP.

PREPARED BY:
PIMA ENVIRONMENTAL SERIVCES, LLC.

April 23rd, 2025

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

NMOCD District 1
1625 N. French Drive
Hobbs, NM 88240

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

RE: RECLAMATION REPORT
LOCATION: Sea Snake 35 State #001H
API: 30-025-41625
GPS: 32.2544518, -103.5474319
INCIDENT LOCATION: UL- M. Section 35, T23S, R33E
COUNTY: Lea
NMOCD REF. NO. NAPP2101437181

Pima Environmental Services, LLC (Pima) has been contracted by Devon Energy Production Company, LP (Devon) to prepare the Reclamation Report for the Sea Snake 35 State #001H site (hereafter referred to as the "Sea Snake"). This report provides a comprehensive overview of the site's history, details the reclamation activities that have been undertaken to date, and outlines a proposed plan for ongoing vegetation monitoring.

SITE CHARACTERIZATION

The Sea Snake is located approximately twenty-six (26) miles southwest of Eunice, NM. This spill site is in Unit M, Section 35, Township 23S, Range 33E, Latitude 32.2544518 Longitude -103.5474319, Lea County, NM. Figure 1 references a Location Map.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is made up interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. The soil in this area is made up of Pyote loamy 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 Sea Snake (Figure 3). A Topographic Map can be referenced in Figure 2.

Based on the well water data from the New Mexico Office of the State Engineer water well (C-04753 POD 1), the depth to the nearest groundwater in this vicinity measures 55 feet below grade surface (BGS), positioned 0.12 of a mile away from the Sea Snake, drilled, July 27, 2023. Conversely, as per the United States Geological Survey well water data (USGS321312103395601), the nearest groundwater depth in this region is recorded at 38 feet BGS, situated approximately 1.58 miles away from the Sea Snake, with the last gauge conducted in 2006. The nearest water feature is a Salt Playa Reservoir located approximately 11.17 miles to the northwest of this site. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps.

Depth to groundwater at the Sea Snake will be classified as 51-100' BGS. Referenced water surveys, pod information, and water-related maps can be found in Appendix A.

Table 1 NMAC and Closure Criteria 19.15.29					
Depth to Groundwater (Appendix B)	Constituent & Limits				
	Chlorides	Total TPH	GRO+DRO	BTEX	Benzene
<50'	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
51-100' (C-04753 POD 1)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
>100'	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg

SITE CONDITIONS AND HISTORY

NAPP2101437181

On January 5, 2021, a fire resulted due to a leak in the fire tube on heater treater. The fire extinguished itself and heater treater was isolated, drained and depressurized. Minimal fluid was released on a small area of the pad and was cleaned. The released fluids were calculated to be approximately 0.14 barrels (bbls) of crude oil. A vacuum truck was able to recover 0.14 bbls of standing fluid.

On March 22, 2024, Pima Environmental conducted a site assessment and obtained soil samples. The laboratory results of this sampling event can be found in Figure 4. Analytical Laboratory Reports can be found in Appendix D. Photographic Documentation can be found in Appendix C.

The sample results were below NMOCD Closure Criteria 19.15.29 NMAC. Based on these findings, no remediation activities were needed at this location.

A Remediation Closure Report (Application ID: 331801), was submitted to the NMOCD on April 10, 2024 for approval.

On May 7, 2024, Incident ID: NAPP2101437181, was approved by the NMOCD.

RECLAMATION ACTIVITIES

The areas of concern do not require reclamation at this time as the conditions of the areas that were reported to have been affected were non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg. To support this the Laboratory Analytical Reports are available in Appendix D. Furthermore, Photographic Documentation to prove that the ground has not been affected is available in Appendix C.

Regarding the Sea Snake 35 State #001H site, proposed reclamation actions are outlined below and will be implemented once the site is no longer needed for production and/or subsequent drilling operations.

RECLAMATION ACTIONS REQUIRED

In accordance with NMAC 19.2.100.67 Regulations NMSLO Reclamation and Remediation Guidelines and Procedures, and any stipulations or land use agreements pertaining to the locations on private land, the following reclamation activities are proposed at the site.

Once the site is no longer needed for production of subsequent drilling operations, Devon will conduct the following:

- All surface equipment, tanks, and piping, along with all trash, junk, and debris, will be removed for the Site location and transported for reuse, recycling, or disposal as Resources Conservation and Recovery Act (RCRA- Exempt E&P Waste at an NMOCD-approved facility.
- Stained or discolored areas found during historical imagery search or reclamation activities will be assessed by collecting samples for submission to an analytical laboratory to analyze chloride and TPH. Soils identified with Total Petroleum Hydrocarbons (TPH) or chloride impacts above NMOCD reclamation requirements will be reclaimed according to NMOCD standards.
- Any removed known or suspected contaminated soil will be transported to an NMOCD-approved facility for disposal as RCRA Exempt Waste.
- Upon completion of any excavation of known or suspected impacted material, composite confirmation samples will be collected from the excavation floor and sidewalls, with each sample representing an area of no more than 200 square feet following sampling protocols set out in 19.15.29 NMAC.
- Upon receipt of any laboratory analytical results from confirmation soil samples demonstrating constituent contaminant levels are equal to or below NMOCD Closure Criteria, any excavated areas will be backfilled with locally sourced clean soil.
- Surface caliche and previously imported base aggregate will be scraped and removed from the site's surface using mechanical equipment and associated roads. The removed aggregate materials are anticipated to be reused to maintain nearby active well pads and lease roads.
- The site will have topsoil replaced and graded to match surrounding topography, then ripped, bermed, or water-barred to stabilize and control erosion and seeded with the appropriate NMSLO-approved seed mixture based on existing soil type at each location.
- Lease roads will have topsoil replaced, then ripped, bermed back to in-use lease roads, water barred and seeded with NMSLO-approved seed mixture for the location soil type.
- Reclamation activities are expected to be completed within 90 days of NMSLO approval of a Site Assessment and Reclamation Work Plan.
- Withing 30 days or at the beginning of the next favorable growing season following these completed reclamation activities, each Reclamation Site location will be seeded via hand broadcast at double the drill seeding rate as prescribed in NMSLO Seed Mix application guidelines.

RESTORATION, RECLAMATION, AND REVEGETATION

Based on laboratory analytical results from confirmation soil samples, the reclaimed area will be backfilled with locally sourced clean topsoil. The reclaimed areas will be ripped and bermed or water-barred to achieve erosion control, surface stability, and preservation of surface water flow.

Preparation and Seeding

Preparation of reclaimed areas will include cross-ripping to prepare the seedbed with two-foot furrows as deep as possible without bringing rock material back to the surface. The prepared areas will be seeded with NMSLO-approved seed mixtures. Within 30 days of completion of reclamation activities, the seed will be applied using broadcast methods at double drill seed application quantities as prescribed by NMSLO Mix Data sheet. Seed mixtures will be free of noxious weeds. Traffic control berms discussed below will also be seeded.

Traffic Control and Access Restriction

As discussed above, earthen berms will be installed to restrict access and vehicular traffic through reclamation areas during the revegetation process. If berms proved unsuccessful long term at preventing disturbance to the reclamation area, fencing will be installed to further restrict site access.

Vegetation Monitoring

Vegetation monitoring will be conducted in accordance with the New Mexico State Land Office Southeastern New Mexico Revegetation Handbook. Devon Energy acknowledges that a revised handbook is in development, and any applicable updated will be incorporated into the vegetation monitoring plan once published.

Revegetation typically requires approximately three years to be considered complete for reclamation purposes. After the first growing season, the revegetation area may initially appear sparse, with a mix of annual weeds, grasses, and other reclamation vegetation in the early stages of emergence.

By the second full growing season, pioneer reclamation grass species should be clearly visible, and grasses will typically begin to dominate over the annual weeds, although they may still be present. If there have been typical to above-average precipitation levels, revegetation will likely improve, with drought-tolerant species helping to support the growth. By the end of the third full growing season, the success of the revegetation efforts can generally be assessed.

Reclamation areas will be monitored semi-annually for growth, noxious weed management, and the need for additional reclamation activities until the required revegetation is completed. The following NMSLO-prescribed observational assessment methodology will guide the revegetation monitoring process during these semi-annual evaluations:

- Current conditions will be photographed with emphasis on problem areas, and ocular estimations of plant cover, production, and density will also be documented with photographs.
- Revegetation results will be compared to adjacent native areas.
- Erosional features such as gullies, rills, and sheet erosion will be recorded and photographed.
- Invasive and noxious weeds will be identified and photographed, and mitigation measures will be developed and implemented if required.
- Any grazing or overgrazing will be documented.
- Wildlife impacts will be documented to include rodents, rabbits, and large grazers.

The standard that will be employed to determine reclamation and revegetation progress is the comparison of the reclaimed and revegetated area with the adjacent native rangeland. This comparison may utilize ocular estimation or remote sensing of plant community cover, production, and diversity.

SCHEDULE

Upon approval of this Reclamation Report, Devon Energy will carry out the reclamation activities described above on the site within 25 years, provided that production and/or subsequent drilling operations have been completed. Once Reclamation activities are complete, a reclamation report will be prepared for the Site and submitted to the NMSLO.

CONCLUSION

The long-term goal of final reclamation is to restore the ecosystem, including the natural vegetation community, hydrology, and wildlife habitats. This involves returning the land to a condition that closely resembles or equals its state prior to disturbance. According to ECO's guidance, reclamation is deemed successful when the reclaimed areas achieve a vegetation density greater than 70-percent of pre-disturbance coverage, excluding invasive or noxious weeds. Once the disturbed areas reach a representative vegetative cover and are considered successful, the former pad area associated with the Site will be deemed reclaimed in accordance with 19.2.100.67 NMAC.

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 – Lynsey Coons at 575-318-7532 or lynsey@pimaoil.com.

Respectfully,

Lynsey Coons

Lynsey Coons
Project Manager
Pima Environmental Services, LLC

ATTACHMENTS

FIGURES:

1- Location Map

2- Topographic Map

3- Karst Map

4- Data Tables

5- Site Map

APPENDICES:

Appendix A – Water Surveys, Surface Water Map

Appendix B – Soil Survey, Geological Data, FEMA Flood Map, Wetlands Map

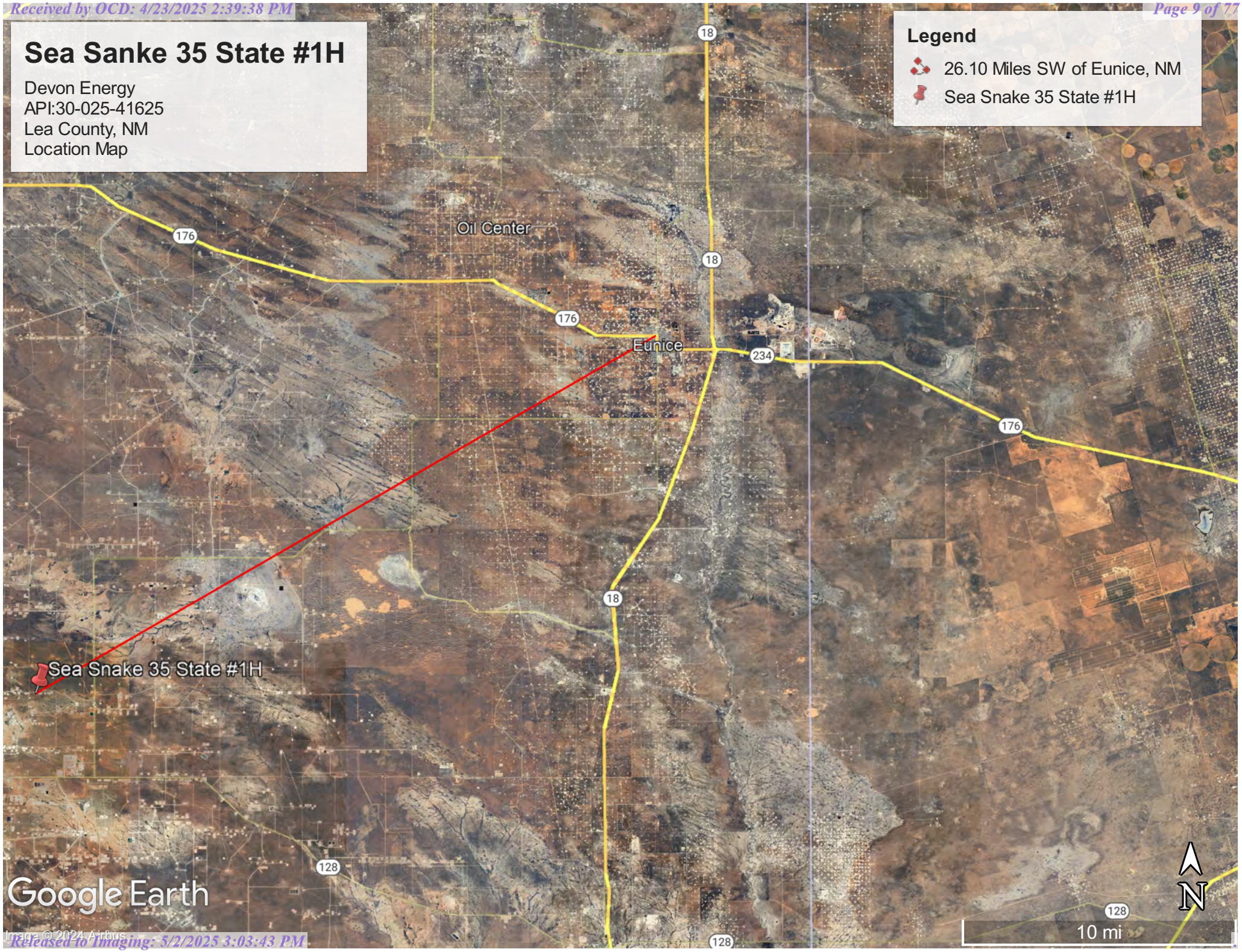
Appendix C – Photographic Documentation

Appendix D – Laboratory Results

FIGURES

Sea Sanke 35 State #1H

Devon Energy
API:30-025-41625
Lea County, NM
Location Map

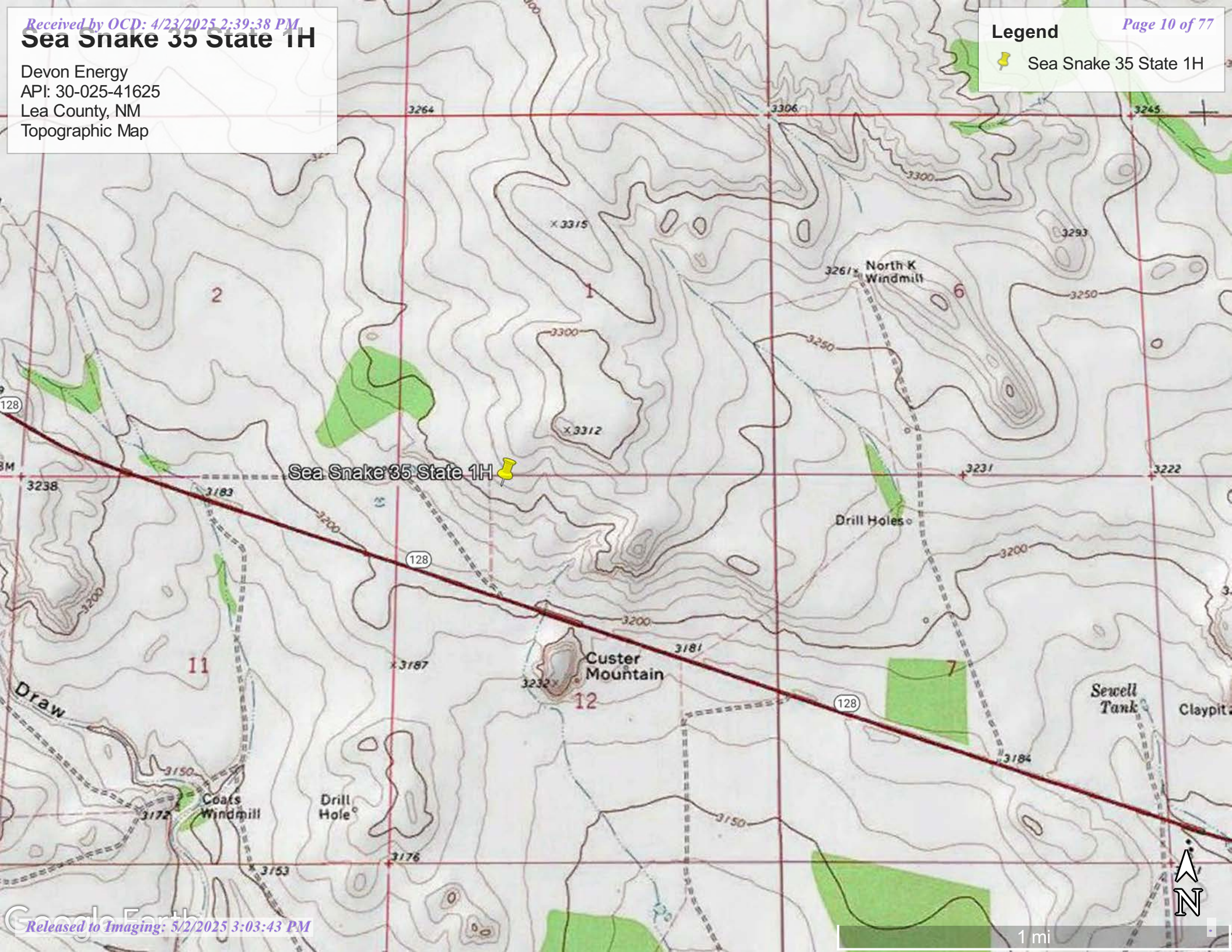


Sea Snake 35 State 1H

Devon Energy
API: 30-025-41625
Lea County, NM
Topographic Map

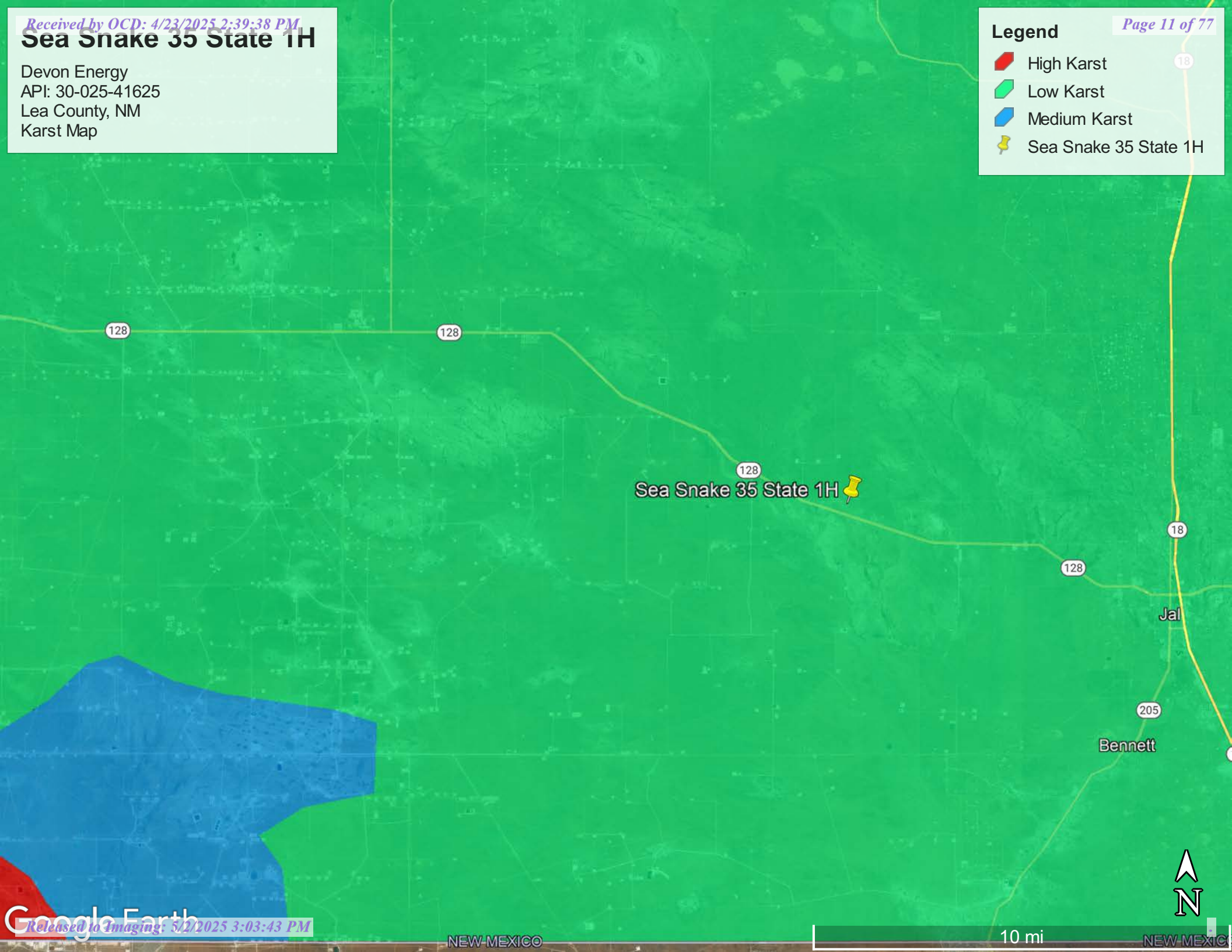
Legend

Sea Snake 35 State 1H



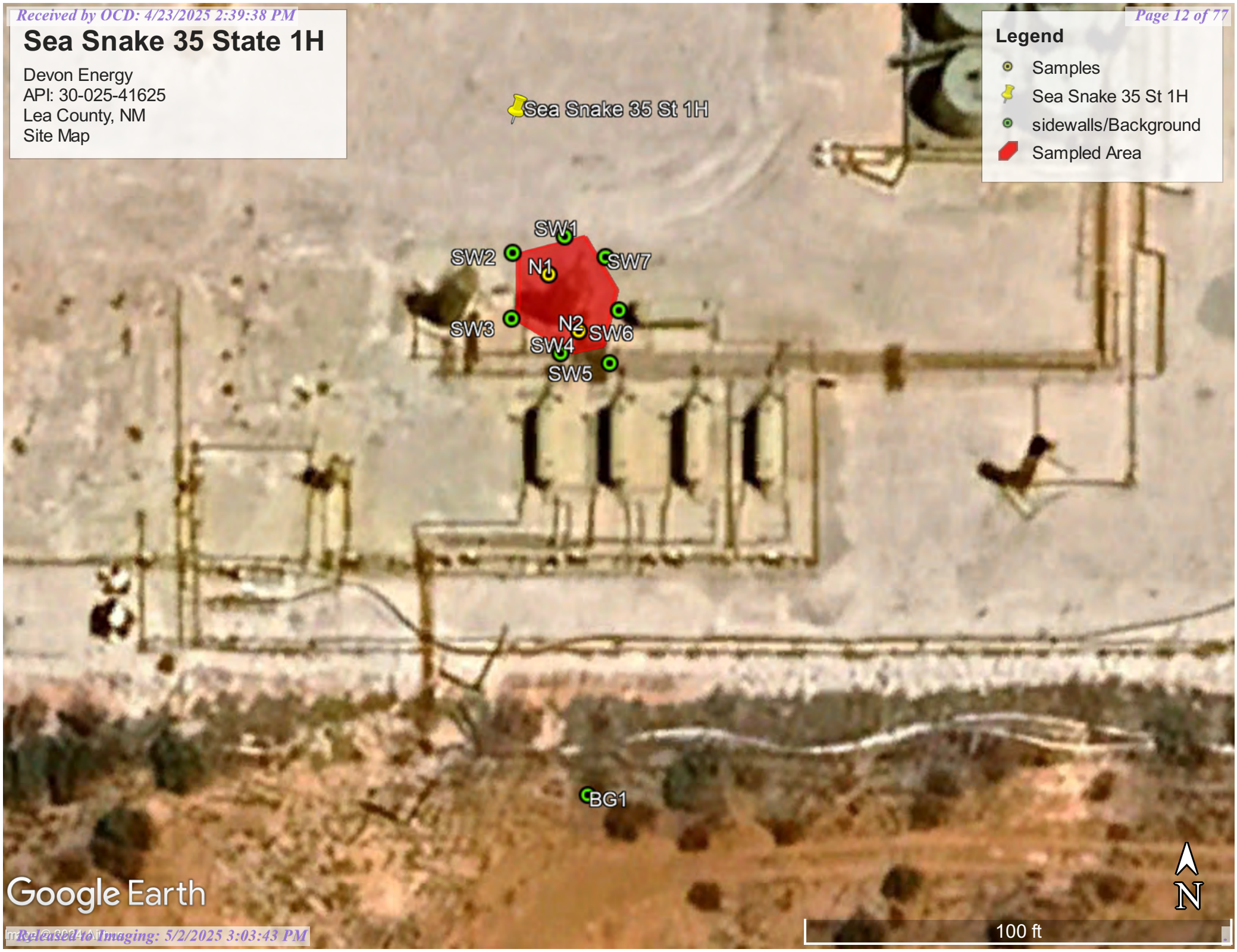
Sea Snake 35 State 1H

Devon Energy
API: 30-025-41625
Lea County, NM
Karst Map



Sea Snake 35 State 1H

Devon Energy
API: 30-025-41625
Lea County, NM
Site Map



ASSESSMENT DATA TABLES

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <51-100')								
DEVON ENERGY -SEA SNAKE 35 STATE#001H - nAPP2101437181								
Sample Date:3-22-24 NM Approved Laboratory Results								
Sample ID	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
N1	1'	ND	ND	ND	ND	ND	0	75.9
	2'	ND	ND	ND	ND	ND	0	49.6
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
N2	1'	ND	ND	ND	ND	ND	0	70.7
	2'	ND	ND	ND	ND	ND	0	43.8
	3'	ND	ND	ND	ND	ND	0	ND
	4'	ND	ND	ND	ND	ND	0	ND
SW1	1'	ND	ND	ND	ND	ND	0	ND
SW2	1'	ND	ND	ND	ND	ND	0	ND
SW3	1'	ND	ND	ND	ND	ND	0	ND
SW4	1'	ND	ND	ND	ND	ND	0	ND
SW5	1'	ND	ND	ND	ND	ND	0	ND
SW6	1'	ND	ND	ND	ND	ND	0	ND
SW7	1'	ND	ND	ND	ND	ND	0	ND
BG1	1'	ND	ND	ND	ND	ND	0	ND

APPENDIX A

OSE Water Survey

USGS Water Survey

Surface Water Map

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 04753 POD1	4	4	3	35	23S	33E	637075	3569526

Driller License: **Driller Company:**

Driller Name: JASON MALEY 1833

Drill Start Date:	07/27/2023	**Drill Finish Date:**	07/27/2023	**Plug Date:**	07/31/2023
Log File Date:	08/21/2023	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	55 feet	**Depth Water:**	

Sea Snake 35 State #1H

Devon Energy
API: 30-025-41625
Lea County, NM
C-04753-POD 1 MAP

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 =

- 321312103395601

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

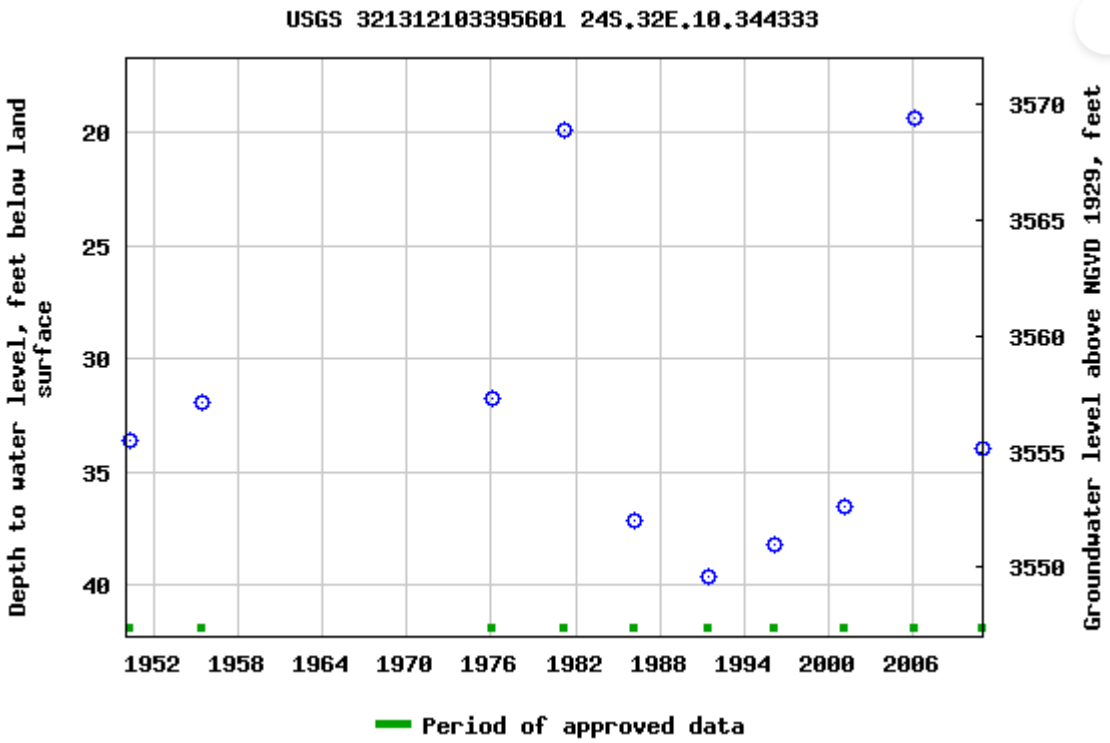
USGS 321312103395601 24S.32E.10.344333

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

Lea County, New Mexico
Hydrologic Unit Code 13070007
Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83
Land-surface elevation 3,589.00 feet above NGVD29
The depth of the well is 60 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

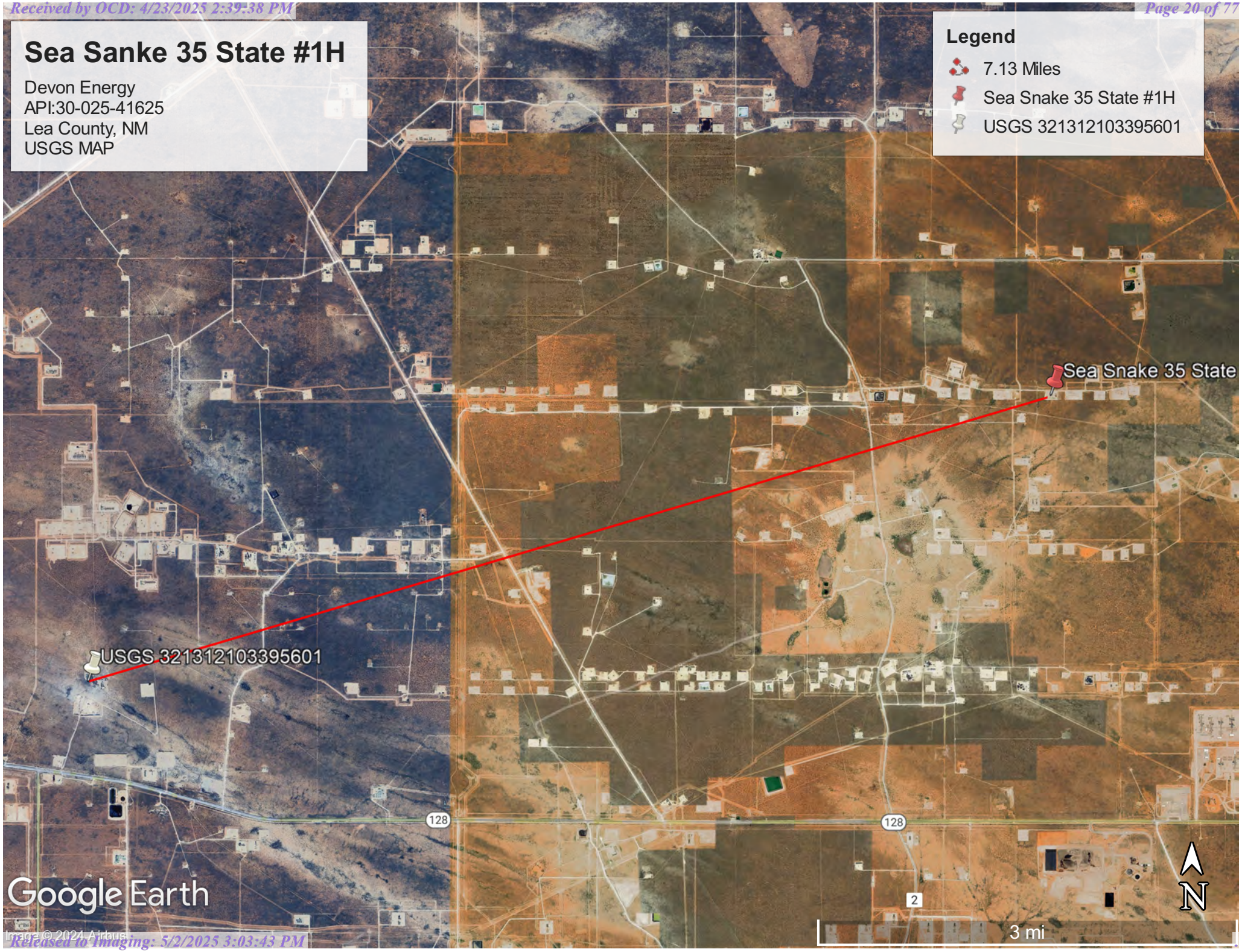
Questions or Comments
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

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

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2024-04-02 14:20:07 EDT
0.63 0.51 nadww01

Sea Sanke 35 State #1H

Devon Energy
API:30-025-41625
Lea County, NM
USGS MAP

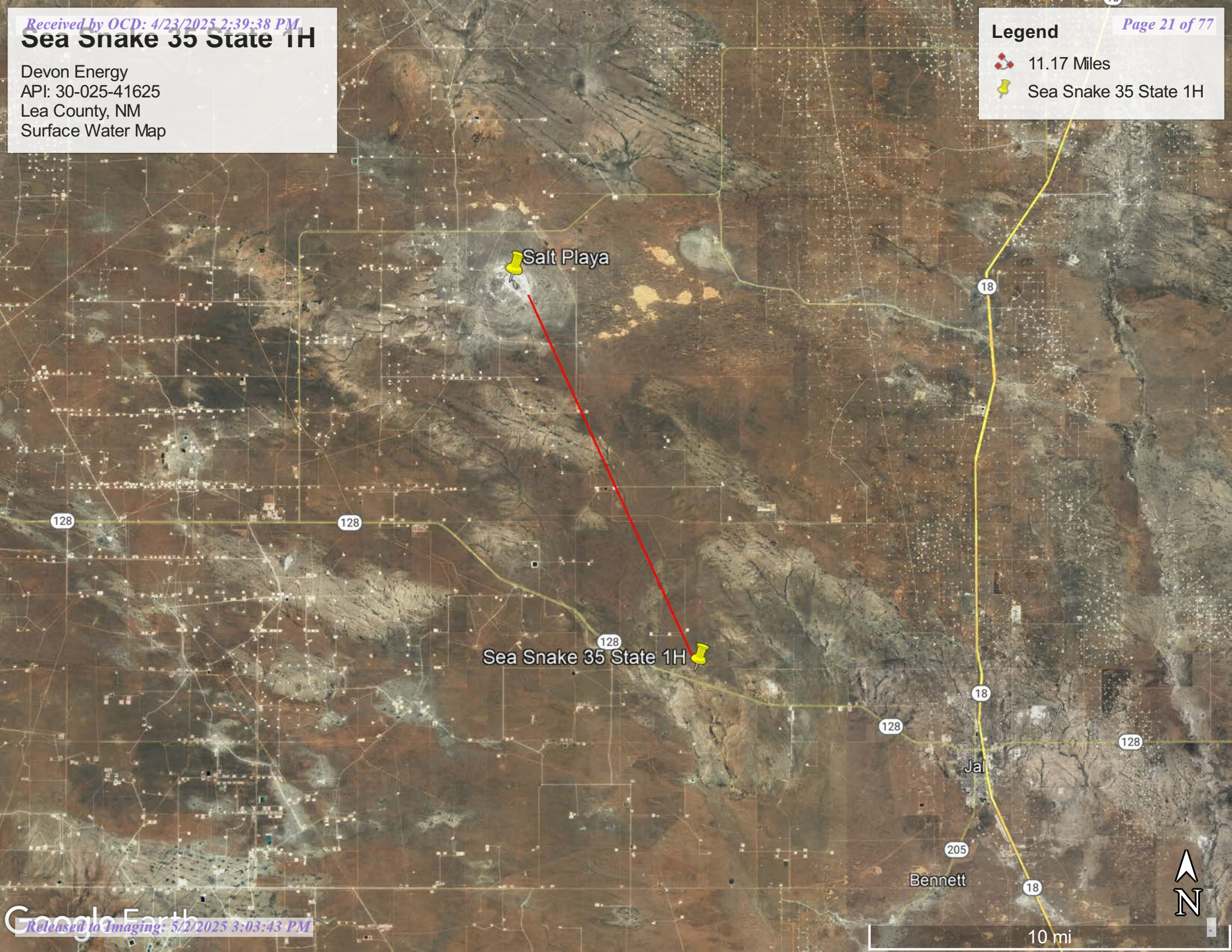


Sea Snake 35 State 1H

Devon Energy
API: 30-025-41625
Lea County, NM
Surface Water Map

Legend

- 11.17 Miles
- Sea Snake 35 State 1H



APPENDIX B

Soil Survey & Geological Data

Geologic Unit Map

Fema

Wetlands

Lea County, New Mexico

BE—Berino-Cacique loamy fine sands association

Map Unit Setting

National map unit symbol: dmpd
Elevation: 3,000 to 3,900 feet
Mean annual precipitation: 10 to 13 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

Berino and similar soils: 50 percent
Cacique and similar soils: 40 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

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 over calcareous sandy alluvium derived from sedimentary rock

Typical profile

A - 0 to 6 inches: loamy fine sand
Btk - 6 to 60 inches: sandy clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
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: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Cacique

Setting

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

Typical profile

A - 0 to 12 inches: loamy fine sand
Bt - 12 to 28 inches: sandy clay loam
Bkm - 28 to 38 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 20 to 40 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 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 3.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 6 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Palomas

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

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Lea County, New Mexico

SE—Simona fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: dmr2
Elevation: 3,000 to 4,200 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 58 to 62 degrees F
Frost-free period: 190 to 205 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

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

Typical profile

A - 0 to 8 inches: fine sandy loam
Bk - 8 to 16 inches: gravelly fine sandy loam
Bkm - 16 to 26 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 35 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: Very low (about 2.0 inches)

Interpretive groups

Land capability classification (irrigated): 6s

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Minor Components

Kimbrough

Percent of map unit: 8 percent
Ecological site: R077CY037TX - Very Shallow 16-21" PZ
Hydric soil rating: No

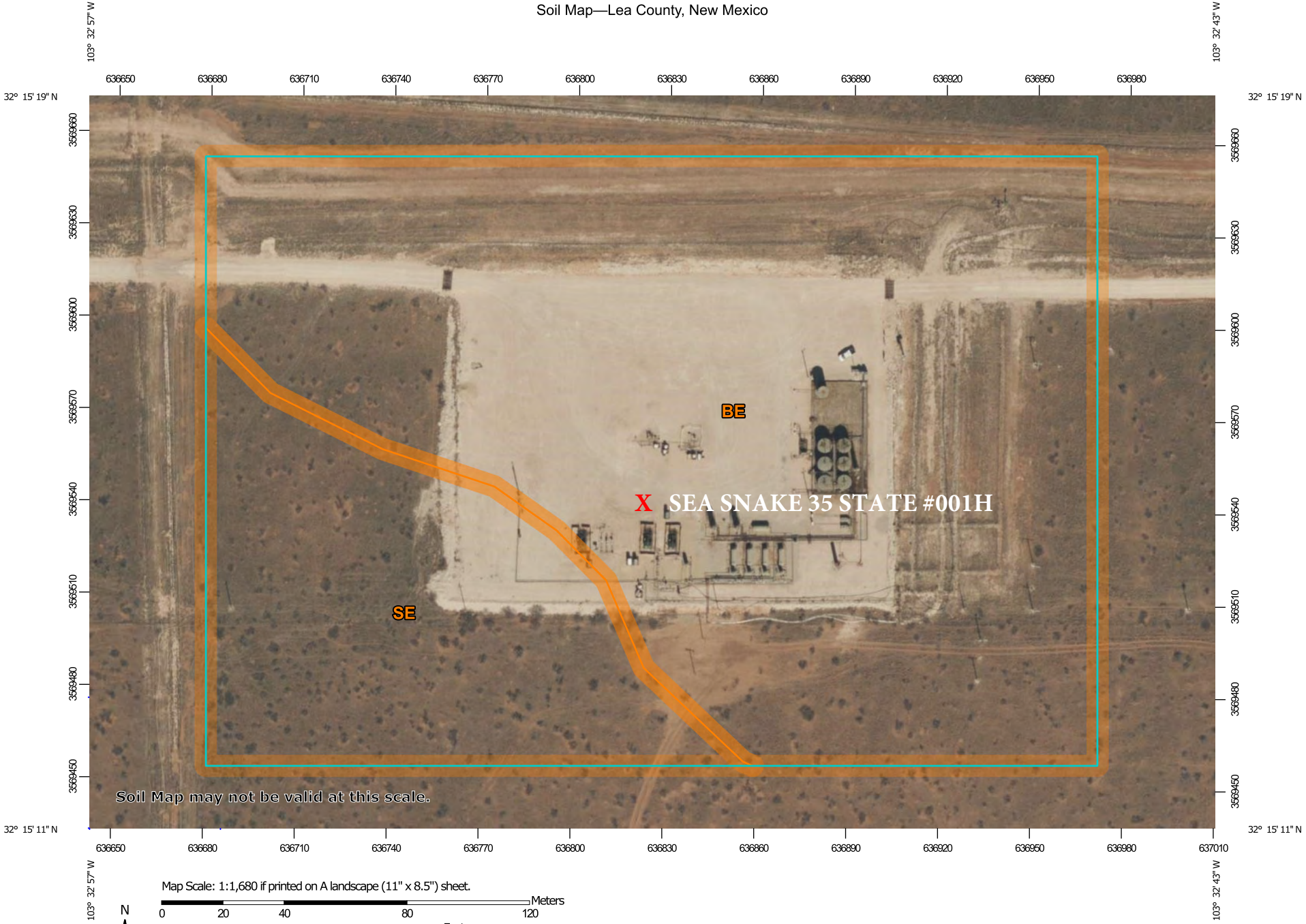
Lea

Percent of map unit: 7 percent
Ecological site: R077CY028TX - Limy Upland 16-21" PZ
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Soil Map—Lea County, New Mexico



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

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

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

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BE	Berino-Cacique loamy fine sands association	10.7	75.2%
SE	Simona fine sandy loam, 0 to 3 percent slopes	3.6	24.8%
Totals for Area of Interest		**14.3**	**100.0%**

(https://www.usgs.gov/)

Mineral Resources (https://www.usgs.gov/energy-and-minerals/mineral-resources-program) / Online Spatial Data (/) / Geology (/geology/) / by state (/geology/state/) / New Mexico (/geology/state/state.php?state=NM)

Eolian and piedmont deposits

XML (/geology/state/xml/NMQep;0) | JSON (/geology/state/json/NMQep;0)

Shapefile (/geology/state/unit-shape.php?unit=NMQep;0)

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.

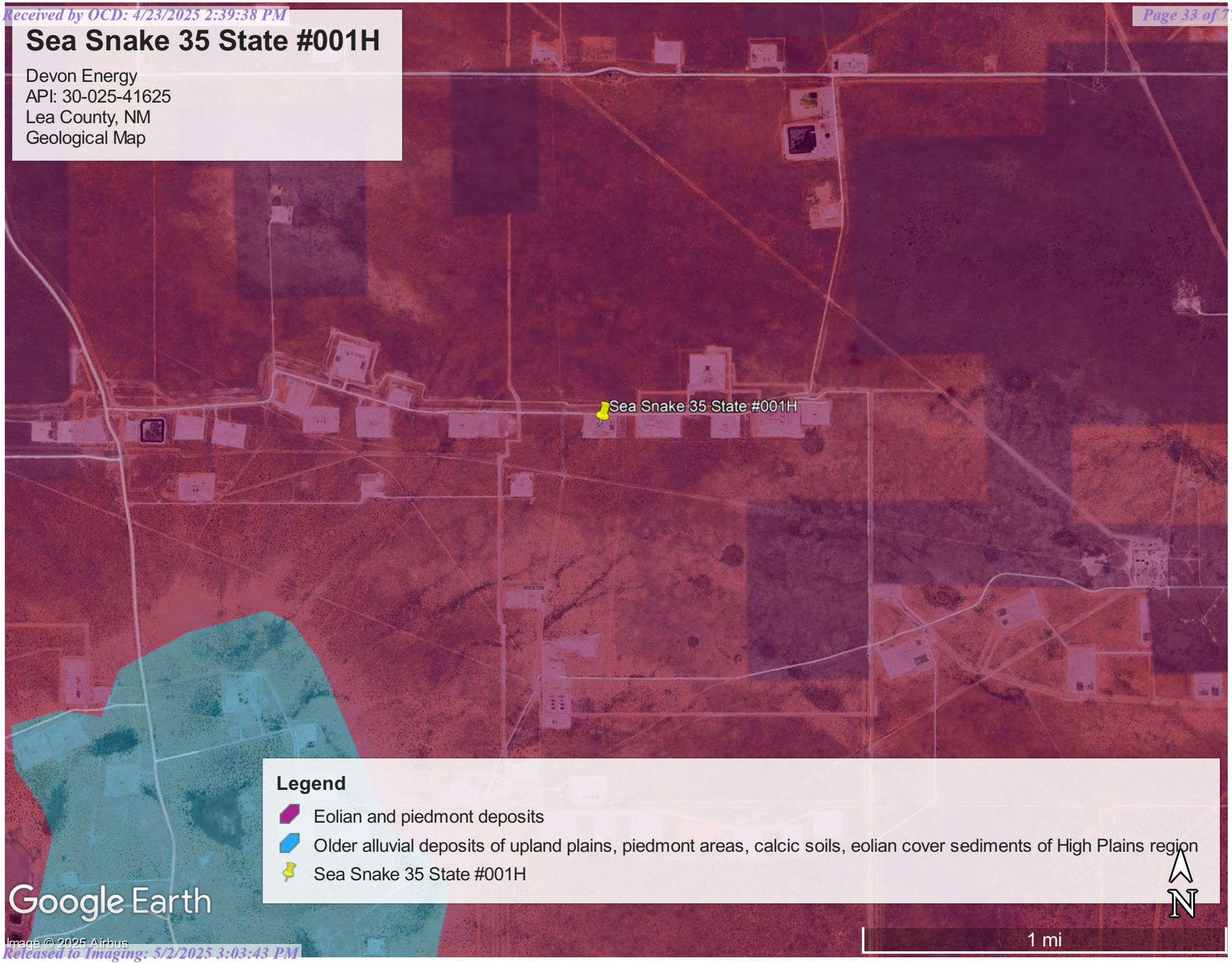
State	New Mexico (/geology/state/state.php?state=NM)
Name	Eolian and piedmont deposits
Geologic age	Holocene to middle Pleistocene
Lithologic constituents	Major Unconsolidated *(Eolian)* *Interlayered eolian sands and piedmont-slope deposits*
References	New Mexico Bureau of Geology and Mineral Resources, 2003, Geologic Map of New Mexico, scale 1:500,000 (includes some new polygons, faults, and attributes not in NM001 - heads up digitizing by JHorton).
NGMDB product	NGMDB product page for 22974 (https://ngmdb.usgs.gov/Prodesc/proddesc_22974.htm)
Counties	Chaves (/geology/state/fips-unit.php?code=f35005) - DeBaca (/geology/state/fips-unit.php?code=f35011) - Eddy (/geology/state/fips-unit.php?code=f35015) - Lea (/geology/state/fips-unit.php?code=f35025) - Roosevelt (/geology/state/fips-unit.php?code=f35041)

White House (https://www.whitehouse.gov/) | E-gov (https://www.whitehouse.gov/omb/management/egov/) |

No Fear Act (https://www.doi.gov/pmb/eeo/no-fear-act) | FOIA (https://www2.usgs.gov/foia)

Sea Snake 35 State #001H

Devon Energy
API: 30-025-41625
Lea County, NM
Geological Map



National Flood Hazard Layer FIRMette

FEMA

103°19'49"W 32°9'21"N

103°19'12"W 32°8'51"N

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

1:6,000

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

Legend

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

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

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

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

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

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / 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.

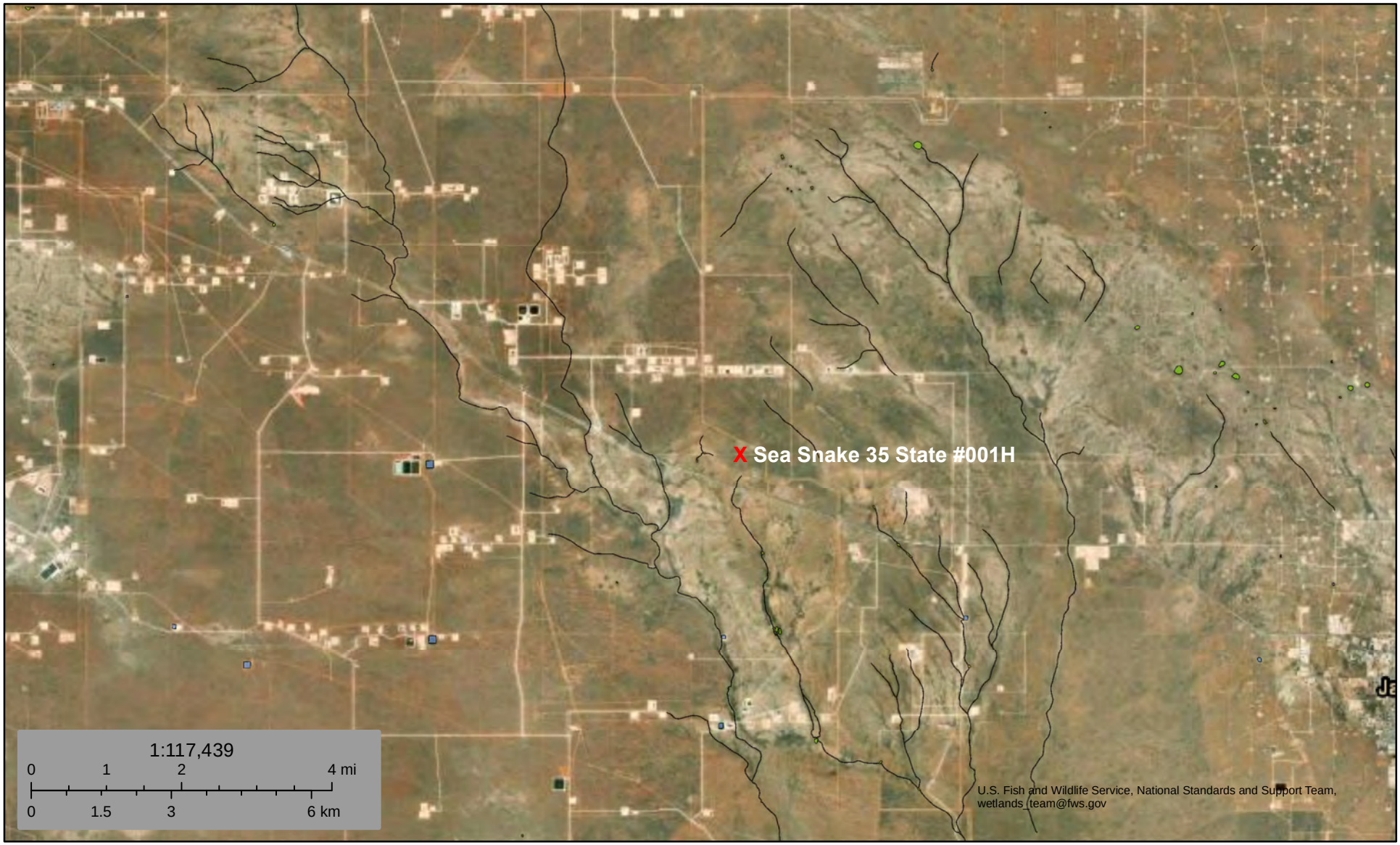
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/14/2023 at 7:38 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands Map



February 15, 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.

APPENDIX C

Photographic Documentation

SITE PHOTOGRAPHS
DEVON ENERGY

Sea Snake 35 State #001H

Assessment


+32.254148,-103.547261
Lea County
Devon
Sea Snake 35 State 1H
Assessment

APPENDIX D

Laboratory Reports

Report to:

Gio Gomez

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:	Sea Snake 35 State 1H
Work Order:	E403246
Job Number:	01058-0007
Received:	3/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/1/24

Date Reported: 4/1/24

Gio Gomez
PO Box 247
Plains, TX 79355-0247

Project Name: Sea Snake 35 State 1H
Workorder: E403246
Date Received: 3/26/2024 10:39:00AM

Gio Gomez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/26/2024 10:39:00AM, under the Project Name: Sea Snake 35 State 1H.

The analytical test results summarized in this report with the Project Name: Sea Snake 35 State 1H 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

Table of Contents (continued)

Sample Summary

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/01/24 15:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
N1 -1'	E403246-01A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
N1 -2'	E403246-02A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
N1 -3'	E403246-03A	Soil	03/26/24	03/26/24	Glass Jar, 2 oz.
N1 -4'	E403246-04A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
N2 -1'	E403246-05A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
N2 -2'	E403246-06A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
N2 -3'	E403246-07A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
N2 -4'	E403246-08A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW1	E403246-09A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW2	E403246-10A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW3	E403246-11A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW4	E403246-12A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW5	E403246-13A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW6	E403246-14A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
SW7	E403246-15A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.
BG1	E403246-16A	Soil	03/22/24	03/26/24	Glass Jar, 2 oz.

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N1 -1'

E403246-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.4 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/31/24	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*03/28/24*	*03/31/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	**75.9**	20.0	1	03/27/24	03/27/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N1 -2'

E403246-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/31/24	
Surrogate: n-Nonane		*90.7 %*	*50-200*	*03/28/24*	*03/31/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	**49.6**	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N1 -3'

E403246-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/31/24	
Surrogate: n-Nonane		*89.2 %*	*50-200*	*03/28/24*	*03/31/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N1 -4'

E403246-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.9 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/31/24	
Surrogate: n-Nonane		*91.0 %*	*50-200*	*03/28/24*	*03/31/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N2 -1'

E403246-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*90.1 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	03/31/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	03/31/24	
Surrogate: n-Nonane		*90.7 %*	*50-200*	*03/28/24*	*03/31/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	**70.7**	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N2 -2'

E403246-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*108 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*93.6 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	**43.8**	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N2 -3'

E403246-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*92.5 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

N2 -4'

E403246-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*94.0 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW1

E403246-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*92.6 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW2

E403246-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*90.1 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW3

E403246-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*91.7 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW4

E403246-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/30/24	
Toluene	ND	0.0250	1	03/27/24	03/30/24	
o-Xylene	ND	0.0250	1	03/27/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.0 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW5

E403246-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/29/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/29/24	
Toluene	ND	0.0250	1	03/27/24	03/29/24	
o-Xylene	ND	0.0250	1	03/27/24	03/29/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/29/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.6 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/29/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: 1,2-Dichloroethane-d4		*89.6 %*	*70-130*	*03/27/24*	*03/29/24*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*03/27/24*	*03/29/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*91.1 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW6

E403246-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/30/24	
Toluene	ND	0.0250	1	03/27/24	03/30/24	
o-Xylene	ND	0.0250	1	03/27/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*92.8 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*94.3 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

SW7

E403246-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/30/24	
Toluene	ND	0.0250	1	03/27/24	03/30/24	
o-Xylene	ND	0.0250	1	03/27/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*94.0 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*97.4 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

Sample Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

BG1

E403246-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Benzene	ND	0.0250	1	03/27/24	03/30/24	
Ethylbenzene	ND	0.0250	1	03/27/24	03/30/24	
Toluene	ND	0.0250	1	03/27/24	03/30/24	
o-Xylene	ND	0.0250	1	03/27/24	03/30/24	
p,m-Xylene	ND	0.0500	1	03/27/24	03/30/24	
Total Xylenes	ND	0.0250	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.2 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2413078
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/27/24	03/30/24	
Surrogate: Bromofluorobenzene		*107 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: 1,2-Dichloroethane-d4		*91.2 %*	*70-130*	*03/27/24*	*03/30/24*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*03/27/24*	*03/30/24*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2413095
Diesel Range Organics (C10-C28)	ND	25.0	1	03/28/24	04/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/28/24	04/01/24	
Surrogate: n-Nonane		*98.9 %*	*50-200*	*03/28/24*	*04/01/24*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: WF			Batch: 2413084
Chloride	ND	20.0	1	03/27/24	03/28/24	

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

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 (2413078-BLK1)									Prepared: 03/27/24 Analyzed: 03/29/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
LCS (2413078-BS1)									Prepared: 03/27/24 Analyzed: 03/29/24
Benzene	2.90	0.0250	2.50		116	70-130			
Ethylbenzene	2.80	0.0250	2.50		112	70-130			
Toluene	2.92	0.0250	2.50		117	70-130			
o-Xylene	2.94	0.0250	2.50		117	70-130			
p,m-Xylene	5.76	0.0500	5.00		115	70-130			
Total Xylenes	8.69	0.0250	7.50		116	70-130			
Surrogate: Bromofluorobenzene	*0.563*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
Matrix Spike (2413078-MS1)				**Source: E403246-13**					Prepared: 03/27/24 Analyzed: 03/29/24
Benzene	2.89	0.0250	2.50	ND	116	48-131			
Ethylbenzene	2.86	0.0250	2.50	ND	114	45-135			
Toluene	3.01	0.0250	2.50	ND	120	48-130			
o-Xylene	2.92	0.0250	2.50	ND	117	43-135			
p,m-Xylene	5.82	0.0500	5.00	ND	116	43-135			
Total Xylenes	8.74	0.0250	7.50	ND	117	43-135			
Surrogate: Bromofluorobenzene	*0.551*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.8*	*70-130*			
Surrogate: Toluene-d8	*0.530*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2413078-MSD1)				**Source: E403246-13**					Prepared: 03/27/24 Analyzed: 03/29/24
Benzene	2.83	0.0250	2.50	ND	113	48-131	2.22	23	
Ethylbenzene	2.81	0.0250	2.50	ND	112	45-135	1.64	27	
Toluene	2.97	0.0250	2.50	ND	119	48-130	1.32	24	
o-Xylene	2.93	0.0250	2.50	ND	117	43-135	0.376	27	
p,m-Xylene	5.76	0.0500	5.00	ND	115	43-135	1.07	27	
Total Xylenes	8.69	0.0250	7.50	ND	116	43-135	0.585	27	
Surrogate: Bromofluorobenzene	*0.556*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.492*		*0.500*		*98.3*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

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 (2413078-BLK1)									Prepared: 03/27/24 Analyzed: 03/29/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.462*		*0.500*		*92.4*	*70-130*			
Surrogate: Toluene-d8	*0.539*		*0.500*		*108*	*70-130*			
LCS (2413078-BS2)									Prepared: 03/27/24 Analyzed: 03/29/24
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	*0.553*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.483*		*0.500*		*96.5*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			
Matrix Spike (2413078-MS2)				**Source: E403246-13**					Prepared: 03/27/24 Analyzed: 03/29/24
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130			
Surrogate: Bromofluorobenzene	*0.567*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.459*		*0.500*		*91.7*	*70-130*			
Surrogate: Toluene-d8	*0.538*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2413078-MSD2)				**Source: E403246-13**					Prepared: 03/27/24 Analyzed: 03/29/24
Gasoline Range Organics (C6-C10)	58.7	20.0	50.0	ND	117	70-130	0.799	20	
Surrogate: Bromofluorobenzene	*0.573*		*0.500*		*115*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.463*		*0.500*		*92.6*	*70-130*			
Surrogate: Toluene-d8	*0.545*		*0.500*		*109*	*70-130*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

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 (2413095-BLK1)									Prepared: 03/28/24 Analyzed: 03/31/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.4*		*50.0*		*88.7*	*50-200*			
LCS (2413095-BS1)									Prepared: 03/28/24 Analyzed: 03/31/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	*44.5*		*50.0*		*89.0*	*50-200*			
Matrix Spike (2413095-MS1)				**Source: E403246-03**					Prepared: 03/28/24 Analyzed: 03/31/24
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	*41.8*		*50.0*		*83.5*	*50-200*			
Matrix Spike Dup (2413095-MSD1)				**Source: E403246-03**					Prepared: 03/28/24 Analyzed: 03/31/24
Diesel Range Organics (C10-C28)	279	25.0	250	ND	111	38-132	0.685	20	
Surrogate: n-Nonane	*42.9*		*50.0*		*85.8*	*50-200*			

QC Summary Data

Pima Environmental Services-Carlsbad	Project Name:	Sea Snake 35 State 1H	**Reported:**
PO Box 247	Project Number:	01058-0007	
Plains TX, 79355-0247	Project Manager:	Gio Gomez	4/1/2024 3:44:57PM

Anions by EPA 300.0/9056A

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2413084-BLK1)									Prepared: 03/27/24 Analyzed: 03/27/24
Chloride	ND	20.0							
LCS (2413084-BS1)									Prepared: 03/27/24 Analyzed: 03/27/24
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2413084-MS1)				**Source: E403246-01**					Prepared: 03/27/24 Analyzed: 03/27/24
Chloride	330	20.0	250	75.9	101	80-120			
Matrix Spike Dup (2413084-MSD1)				**Source: E403246-01**					Prepared: 03/27/24 Analyzed: 03/28/24
Chloride	330	20.0	250	75.9	102	80-120	0.0625	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:	Sea Snake 35 State 1H	
PO Box 247	Project Number:	01058-0007	**Reported:**
Plains TX, 79355-0247	Project Manager:	Gio Gomez	04/01/24 15:44

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Project Information | Chain of Custody | Page 1 of 2

Client: Pima Environmental Services	Bill To	Lab Use Only
Project: Sea Snake 35 State 1H	Attention: Devon	Lab WO# E4032460
Project Manager: Gio Gomez	Address:	Job Number 01058-0007
Address: 5614 N. Lovington Hwy.	City, State, Zip	
City, State, Zip Hobbs, NM, 88240	Phone:	
Phone: 806-782-1151	Email:	
Email: gio@pimaoil.com	Pima Project # 261-2	
Report due by:		

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0			BGDOC NM	BGDOC TX			Remarks
7:16	3/22	S	1	N1-1'	1									X				
7:28				N1-2'	2													
7:39				N1-3'	3													
7:45				N1-4'	4													
7:58				N2-1'	5													
8:01				N2-2'	6													
8:13				N2-3'	7													
8:30				N2-4'	8													
8:49				SW1	9													
8:56				SW2	10													

Analysis and Method

Additional Instructions: Billing: 21127518

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
Lorine Hanna	3.25.24	1220		3.25.24	1220
	3-25-24	1420		3-25-24	16:30
	3-25-24	20:15		3/26/24	10:39

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

Project Information | Chain of Custody | Page 2 of 2

Client: Pima Environmental Services	Bill To
Project: Sea Snake 35 State 1H	Attention: Devon
Project Manager: Gio Gomez	Address:
Address: 5614 N. Lovington Hwy.	City, State, Zip
City, State, Zip Hobbs, NM. 88240	Phone:
Phone: 806-782-1151	Email:
Email: gio@pimaoil.com	Pima Project # 261-2
Report due by:	

Lab Use Only: Lab WO# E403246 | Job Number 01058-0007

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

EPA Program: CWA | SDWA | RCRA

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

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

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	BGDOC NM	Remarks
9:06	3/22	S	1	SW3	11	X	
9:15	"	"	"	SW4	12	"	
9:28	"	"	"	SW5	13	"	
9:38	"	"	"	SW6	14	"	
9:45	"	"	"	SW7	15	"	
9:51	"	"	"	BG1	16	"	

Additional Instructions: Billing: 211275 18

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

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Karime Adame				3/25/24	1330
	3/25/24	1420		3-25-24	1630
	3-25-24	2015		3/26/24	1039

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 3/27/2024 9:19:33AM

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:	03/26/24 10:39	Work Order ID:	E403246
Phone:	(575) 631-6977	Date Logged In:	03/26/24 10:33	Logged In By:	Alexa Michaels
Email:	gio@pimaoil.com	Due Date:	04/01/24 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 455025

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2101437181**
Incident Name	**NAPP2101437181 SEA SNAKE 35 STATE #001H @ 30-025-41625**
Incident Type	**Fire**
Incident Status	**Reclamation Report Received**
Incident Well	**[30-025-41625] SEA SNAKE 35 STATE #001H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SEA SNAKE 35 STATE #001H
Date Release Discovered	01/05/2021
Surface Owner	State

Incident Details	
Please answer all the questions in this group.	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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	Cause: Other | Other (Specify) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
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	False
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	fuids exceeded the area of the berm
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 04/10/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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 51 and 75 (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	Greater than 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)	76
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	04/05/2024
On what date will (or did) the final sampling or liner inspection occur	03/22/2024
On what date will (or was) the remediation complete(d)	04/04/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	no excavation was conducted because chlorides and other constituents were below action levels.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 04/10/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**331824**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**03/25/2024**
What was the (estimated) number of samples that were to be gathered	**14**
What was the sampling surface area in square feet	**550**

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	0
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	assessment results were below state action levels.

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 04/10/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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	550
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)	12/01/2040
Summarize any additional reclamation activities not included by answers (above)	Assessment was completed and determined no remediation was required.
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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 455025
	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.	5/2/2025