



**C-141 - CO2 GAS RELEASE ONLY (No Liquids)**  
**EVENT SUMMARY, VARIANCE REQUEST & CLOSURE REQUEST REPORT**

|                                          |                                                                                             |                    |                |
|------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|----------------|
| <b>Facility ID:</b>                      | fKJ1517634129                                                                               | <b>Incident #:</b> | nAPP2507945194 |
| <b>Facility Name:</b>                    | North Hobbs RCF                                                                             | <b>Flare Date:</b> | 03/01/2025     |
| <b>Event Duration:</b>                   | 03 Hours and 52 Minutes                                                                     | <b>MCF Flared:</b> | 72             |
| <b>Start Time:</b>                       | 11:42 AM                                                                                    | <b>End Time:</b>   | 03:34 PM       |
| <b>Cause:</b>                            | Controlled gas release only, no liquids involved - Combusted in a flare to reduce emissions |                    |                |
| <b>Method of Flared Gas Measurement:</b> | Gas Flare Meter                                                                             |                    |                |

### **C-141 EVENT SUMMARY & VARIANCE REQUEST:**

Oxy certifies that this C-141 is submitted solely as a CO2 gas release with no involvement, containment, or spillage of liquids during this reported flare event. With this C-141 Event Summary and Variance Request, Oxy is requesting a variance exemption from NMAC 19.15.29.11, NMAC 19.15.29.12 and NMAC 19.15.29.13, as there was no involvement, containment, or spillage of liquids or fluids from this flare event and there was no impact to or on the ground, a surface, a watercourse, or otherwise, and this event poses no reasonable probability or chance of endangering public health, the environment, or fresh water.

### **C-141 EVENT SUMMARY:**

- I. This flaring event was a controlled release of gas only, no liquids involved - combusted in a flare to reduce emissions; due to an unavoidable process upset at the facility involving CO2 gas.
- II. The occurrence of this event was beyond OXY's control as Oxy cannot predict when the facility will have a process upset. While flaring is not OXY's preferred method of handling excess gas, as a result of sudden and unexpected equipment malfunctions, and it is a necessary step under these exceptional circumstances to maintain the integrity and safety of our operations, equipment and personnel. OXY took all possible measures to manage and reduce emissions to the greatest extent possible.
- III. The flaring event has ceased.
- IV. This flare event consists primarily of CO2 gas and includes a small number of hydrocarbons. This flaring event did not result in a fire or result of a fire and no injuries were sustained or reported.
- V. This flare event did not result in the release of any liquids or fluids that reached, or have the potential to reach, the ground, a surface, a watercourse, or any other area. It poses no reasonable probability or chance of endangering public health, the environment, or fresh water.
- VI. There was no liquid or fluid impact to the area since there were no liquid or fluid spills and/or physical remedial actions required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing impacted or occurred on the ground.



**C-141 - CO2 GAS RELEASE ONLY (No Liquids)**  
**EVENT SUMMARY, VARIANCE REQUEST & CLOSURE REQUEST REPORT**

- VII. The flare at this facility is not located within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence.
- VIII. No affected or remediated materials were removed from the facility or the area of the flare, as this is solely a CO2 gas release, and no physical remediation actions or otherwise were necessary or taken as there was no impact to or on the ground.
- IX. While flaring is not OXY's preferred method of handling excess gas, it is a necessary step under these exceptional circumstances to maintain the integrity and safety of our field personnel, operations and its facility equipment.

**C-141 VARIANCE REQUEST:**

- X. Per NMAC 19.15.29.11, After the responsible party has removed all free liquids and recoverable materials, the responsible party must assess soils both vertically and horizontally for potential environmental impacts from any major or minor release containing liquids.
- a) In accordance with NMAC 19.15.29.11 and 19.15.29.11 A (1-5), B & C, no liquids or fluids were released during this minor CO2 gas release event.
  - b) A site assessment and characterization report have been submitted with this report.
  - c) The depth to groundwater was determined by using NMOSE website, <https://www.ose.nm.gov/>.
- XI. Per NMAC 19.15.29.12:
- a) The responsible party must remediate all releases regardless of volume.
    - I. N/A – No physical remediation actions or otherwise were necessary or taken as this is a minor CO2 gas release only with no involvement, containment, or spillage of liquids or fluids during this event.
  - b) Remediation requirements.
    - I. N/A – No physical remediation actions or otherwise were necessary or taken as this is a minor CO2 gas release only with no involvement, containment, or spillage of liquids or fluids during this event.
    - II. N/A – No physical remediation actions or otherwise were necessary or taken as this is a minor CO2 gas release only with no involvement, containment, or spillage of liquids or fluids during this event.
  - c) Remediation Plan Requirements: The responsible party must take the following action for any major or minor release containing liquids.
    - I. (1-5) N/A – No physical remediation actions or otherwise were necessary or taken as this is a minor CO2 gas release only with no involvement, containment, or spillage of liquids or fluids during this event and no impact to or on the ground.



**C-141 - CO2 GAS RELEASE ONLY (No Liquids)**  
**EVENT SUMMARY, VARIANCE REQUEST & CLOSURE REQUEST REPORT**

**XII. Per NMAC 19.15.29.13, RESTORATION, RECLAMATION AND RE-VEGETATION:**

- I. N/A – No restoration, reclamation and re-vegetation actions were necessary or taken as this is a CO2 gas release only and there was no impact to or on the ground, a surface, a watercourse, or any other area and Oxy is requesting a variance at this time.
- II. No physical remedial actions were necessary, taken or required as there was no impact to the ground or for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this flare event and Oxy is requesting a variance at this time.

***Listed below are the volume calculations that were determined for this flare event:***

|    | <b>Information</b>             |          | <b>Methodology</b>                            |
|----|--------------------------------|----------|-----------------------------------------------|
| A. | <b>Flare Volume:</b>           | 72 MCF   | Metered Gas Volume Field Personnel Reported** |
| B. | <b>CO2 Percentage:</b>         | 89.27%   | Gas Analysis - Dec 2024*                      |
| C. | <b>Hydrocarbon Percentage:</b> | 10.73%   | 100% - 89.27%                                 |
| D. | <b>Hydrocarbon Volume:</b>     | 7.7 MCF  | (10.73 mol%) /100 * 72 MCF                    |
| E. | <b>CO2 Volume:</b>             | 64.3 MCF | (89.27 mol%) /100 * 72 MCF                    |

\* Gas analysis sample is current and within one year from date of event. Please see mole % column on the gas fractional analysis table on the attached Gas Analysis to the C141 report

\*\*The metered volume is determined from a total flow meter in front of the flare which is then reported by operations.



**C-141 - CO2 GAS RELEASE ONLY (No LIQUIDS)**  
**EVENT SUMMARY, VARIANCE REQUEST & CLOSURE REQUEST REPORT**

**C-141 CLOSURE REPORT REQUEST:**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations, all operators are required to report and/or file certain release notifications and perform corrective actions for releases, when applicable. Oxy is requesting at this time, with the approval of this C-141 report, that the incident listed above is closed.

Signed By,

Shaina Rojas  
Air Quality EOR  
Environmental Specialist  
Oxy USA, Inc.  
Office: (432) 448-6693  
[Shaina\\_rojas@oxy.com](mailto:Shaina_rojas@oxy.com)



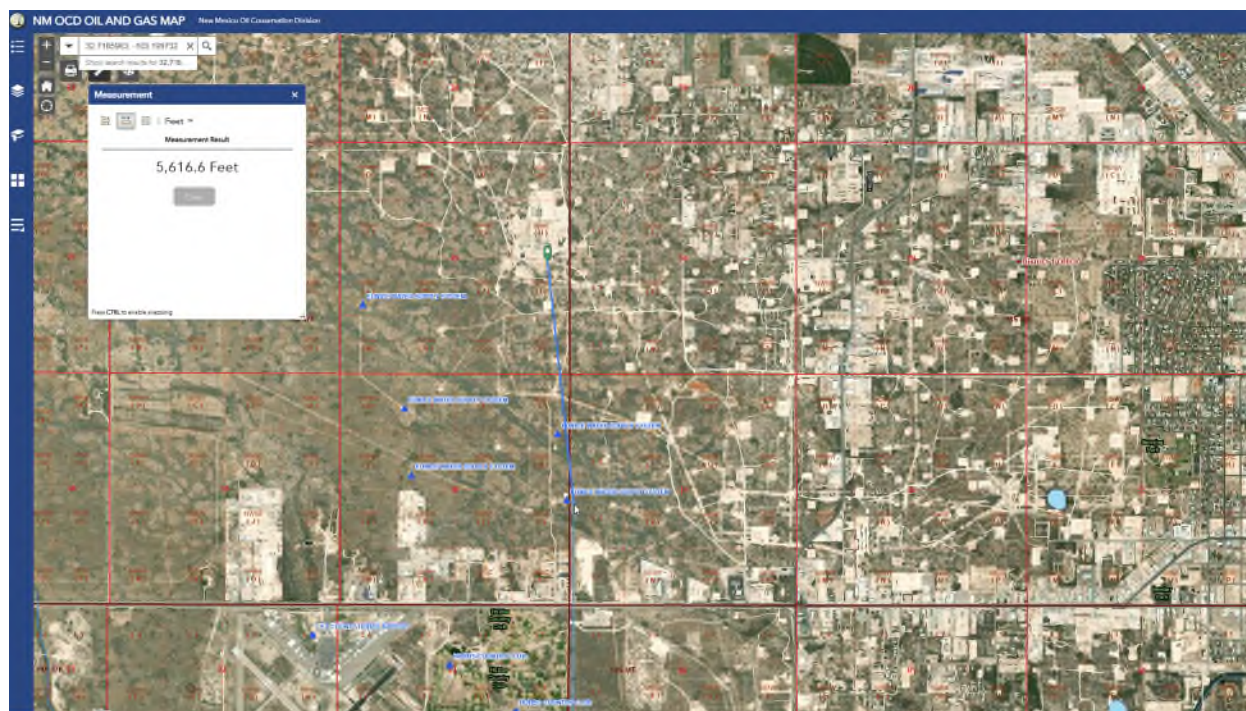
*Listed below are the volume calculations that were determined for this flare event:*

|    | Information             |          | Methodology                                    |
|----|-------------------------|----------|------------------------------------------------|
| A. | Flare Volume:           | 72 MCF   | Metered Gas Volume Field Personnel Reported**  |
| B. | CO2 Percentage:         | 89.27%   | Gas Analysis - Dec 2024*                       |
| C. | Hydrocarbon Percentage: | 10.73%   | 100% - 89.27%                                  |
| D. | Hydrocarbon Volume:     | 7.7 MCF  | $(10.73 \text{ mol\%}) / 100 * 72 \text{ MCF}$ |
| E. | CO2 Volume:             | 64.3 MCF | $(89.27 \text{ mol\%}) / 100 * 72 \text{ MCF}$ |

\* Gas analysis sample is current and within one year from date of event. Please see mole % column on the gas fractional analysis table on the attached Gas Analysis to the C141 report

\*\*The metered volume is determined from a total flow meter in front of the flare which is then reported by operations.

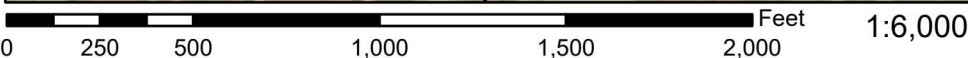
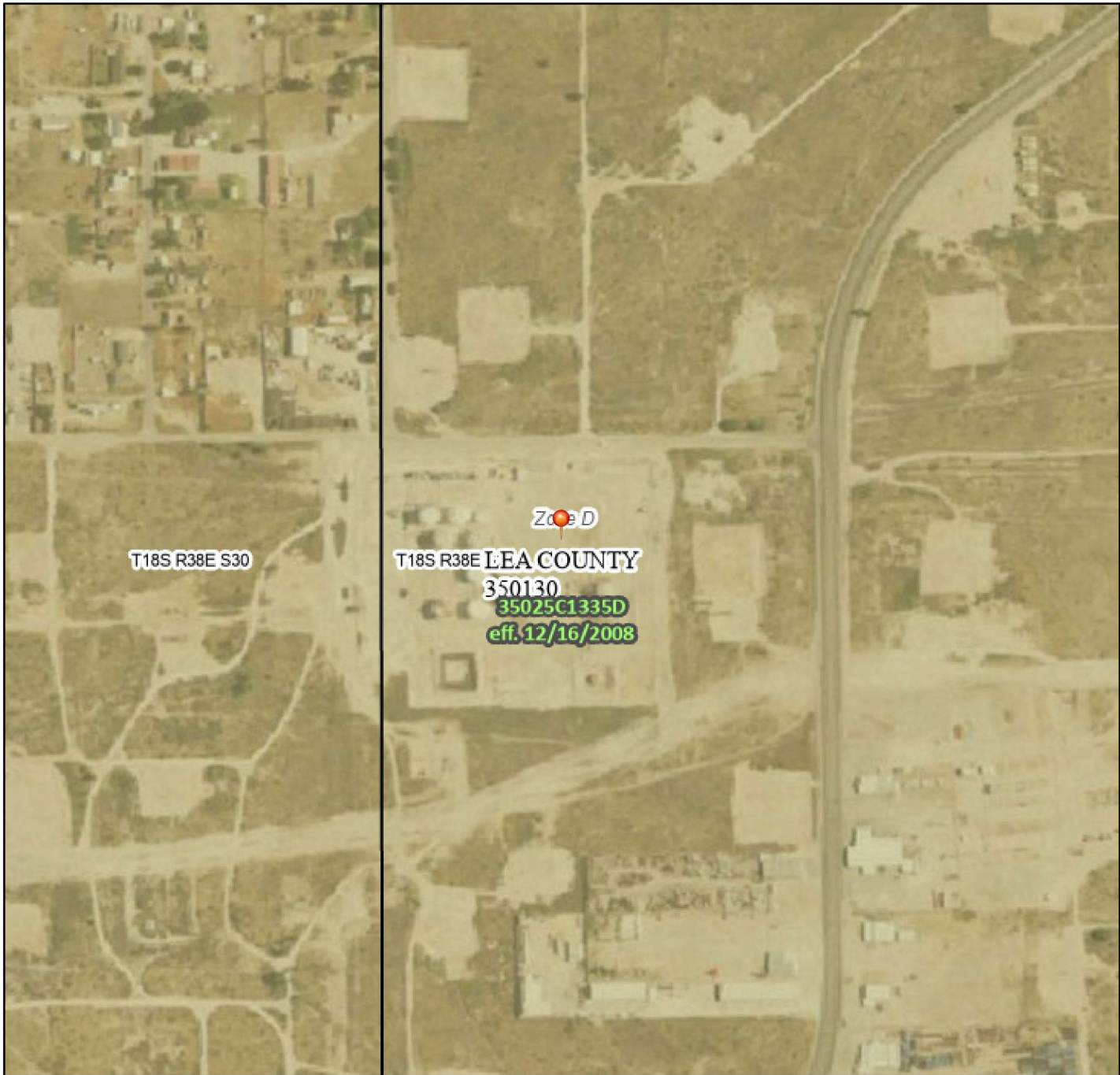
Significant Watercourse: ~5616 feet (~1.06 miles)



# National Flood Hazard Layer FIRMette



103°10'58"W 32°43'19"N



103°10'21"W 32°42'48"N

Basemap Imagery Source: USGS National Map 2023

## Legend

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

|                             |  |                                                                                                                                                                   |
|-----------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIAL FLOOD HAZARD AREAS  |  | Without Base Flood Elevation (BFE)<br>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<br>17.5<br>Cross Sections with 1% Annual Chance Water Surface Elevation                                                                                      |
|                             |  | Coastal Transect                                                                                                                                                  |
|                             |  | Base Flood Elevation Line (BFE)                                                                                                                                   |
|                             |  | Limit of Study                                                                                                                                                    |
|                             |  | Jurisdiction Boundary                                                                                                                                             |
|                             |  | Coastal Transect Baseline                                                                                                                                         |
| MAP PANELS                  |  | Digital Data Available                                                                                                                                            |
|                             |  | No Digital Data Available                                                                                                                                         |
|                             |  | Unmapped                                                                                                                                                          |



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

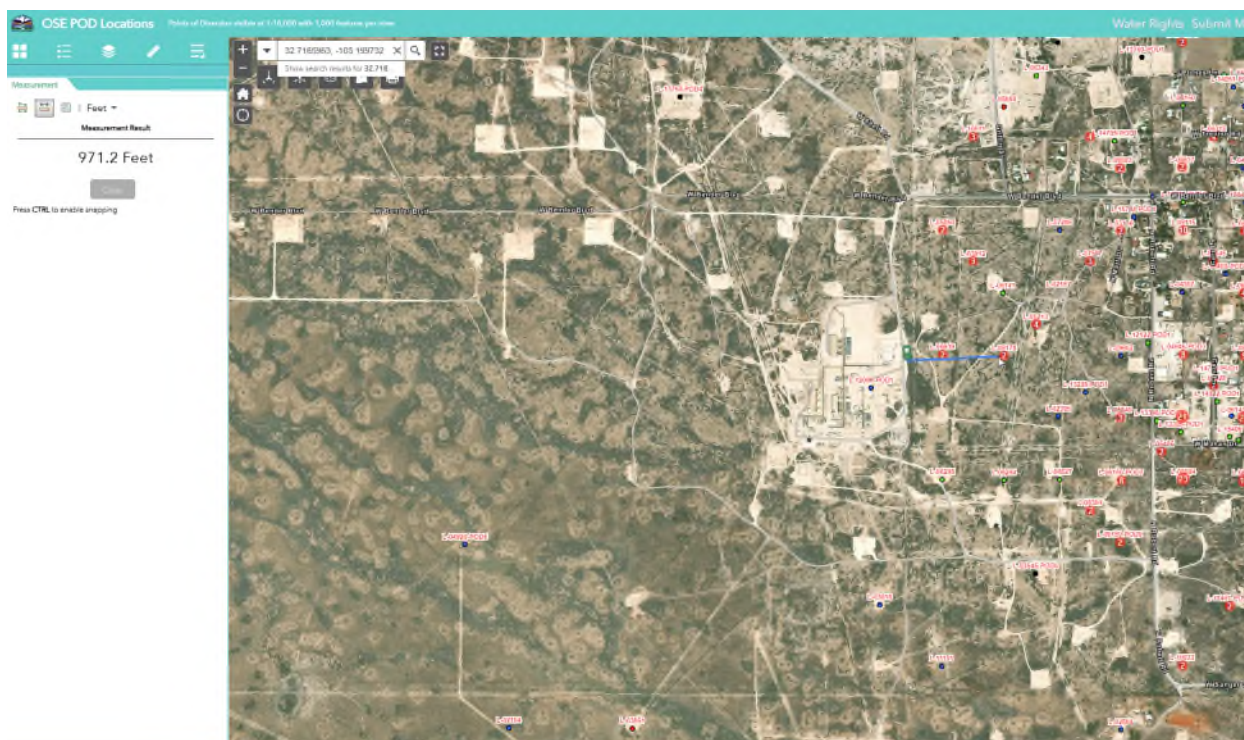
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **5/6/2025 at 9:53 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.

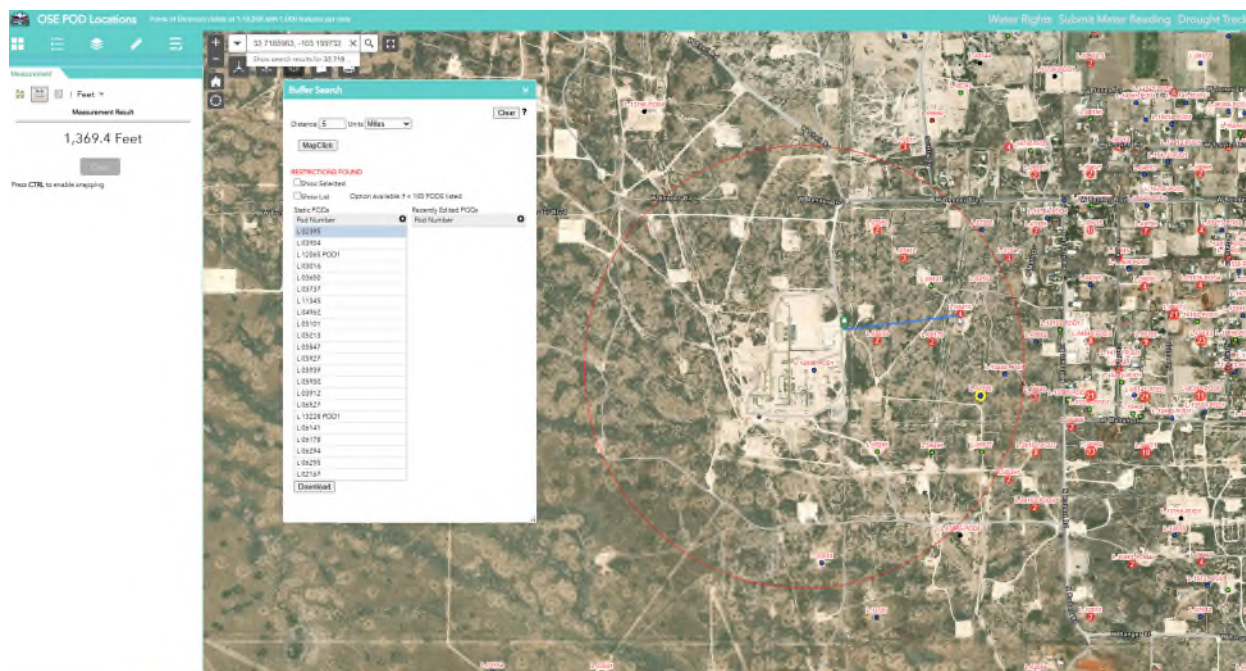
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



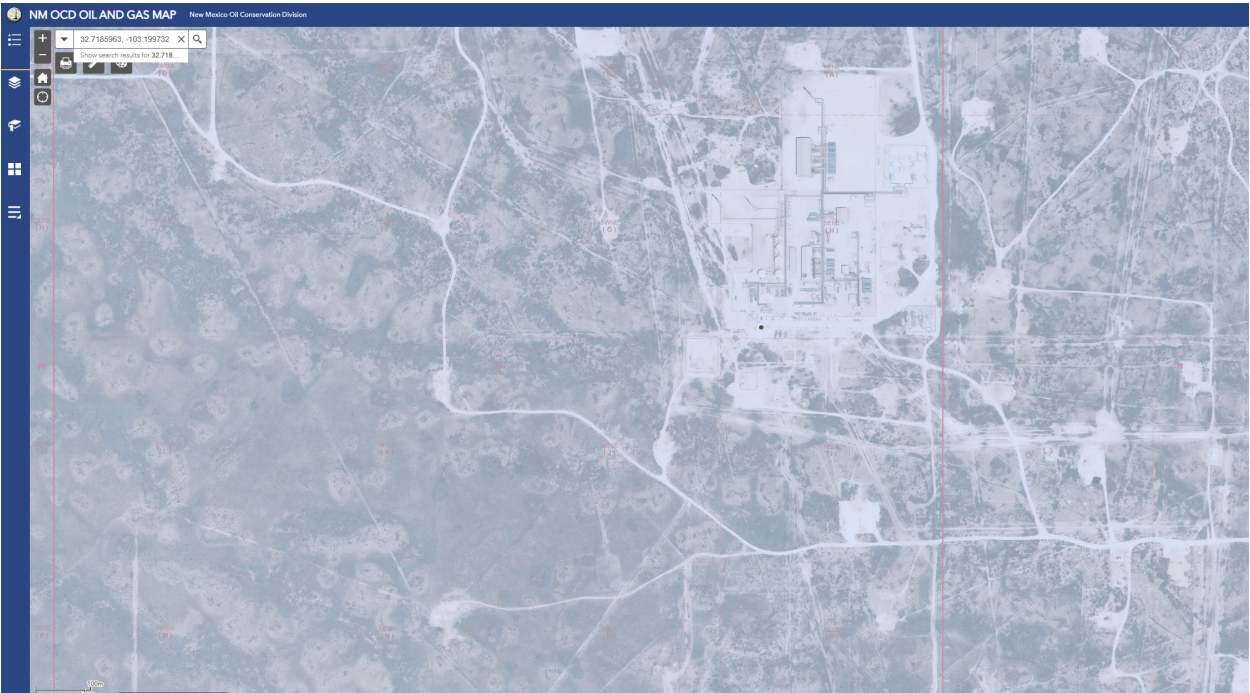
Fresh water well – Domestic: ~971 feet (~.18 miles)



Any other fresh water well – OSE PODS; ~1369 feet (~.25 miles)

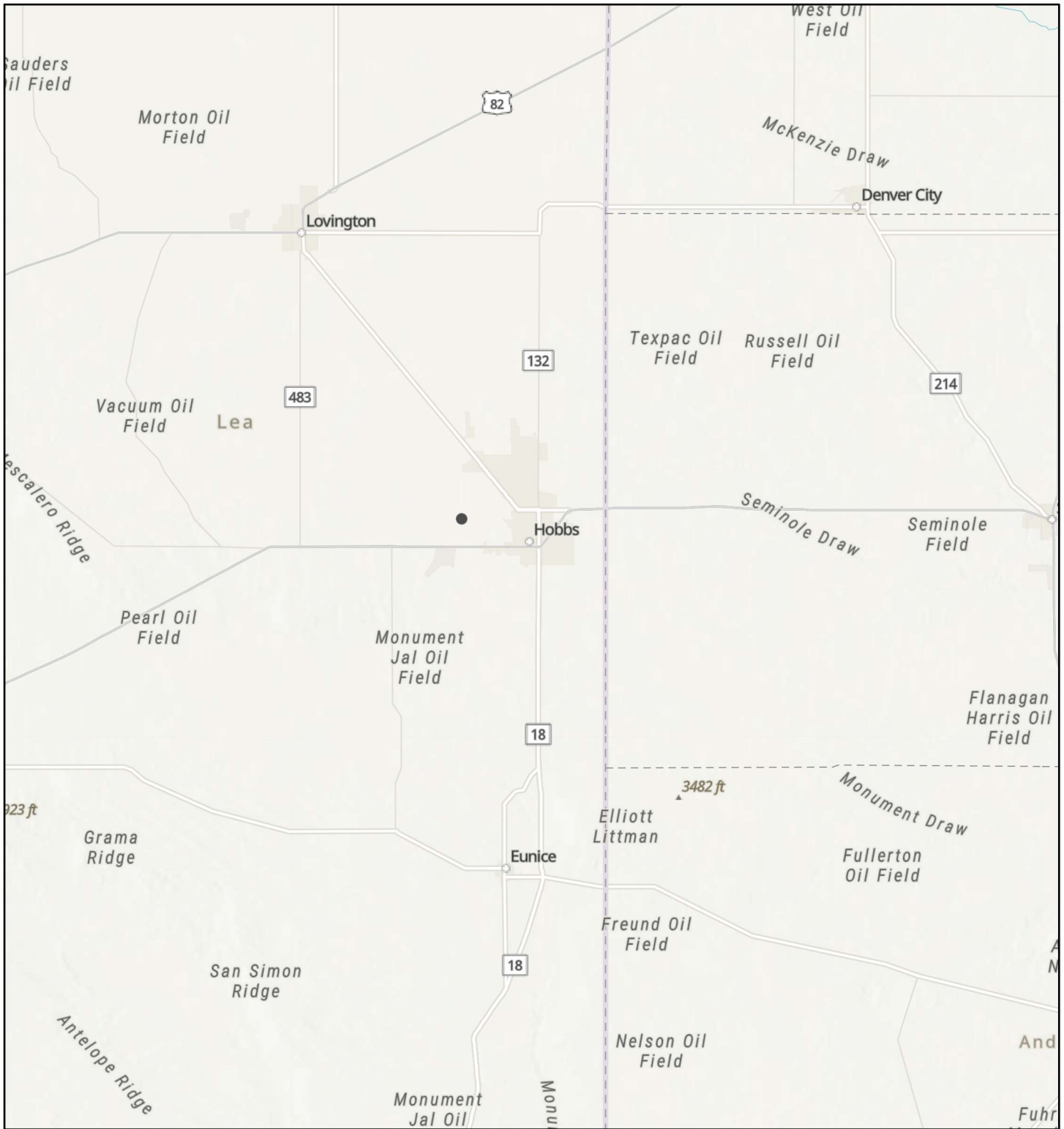


Karst Map: Low



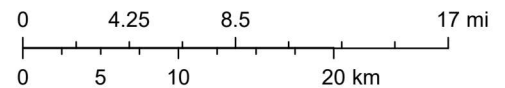


# Coal Mines in New Mexico



5/6/2025, 4:36:45 PM

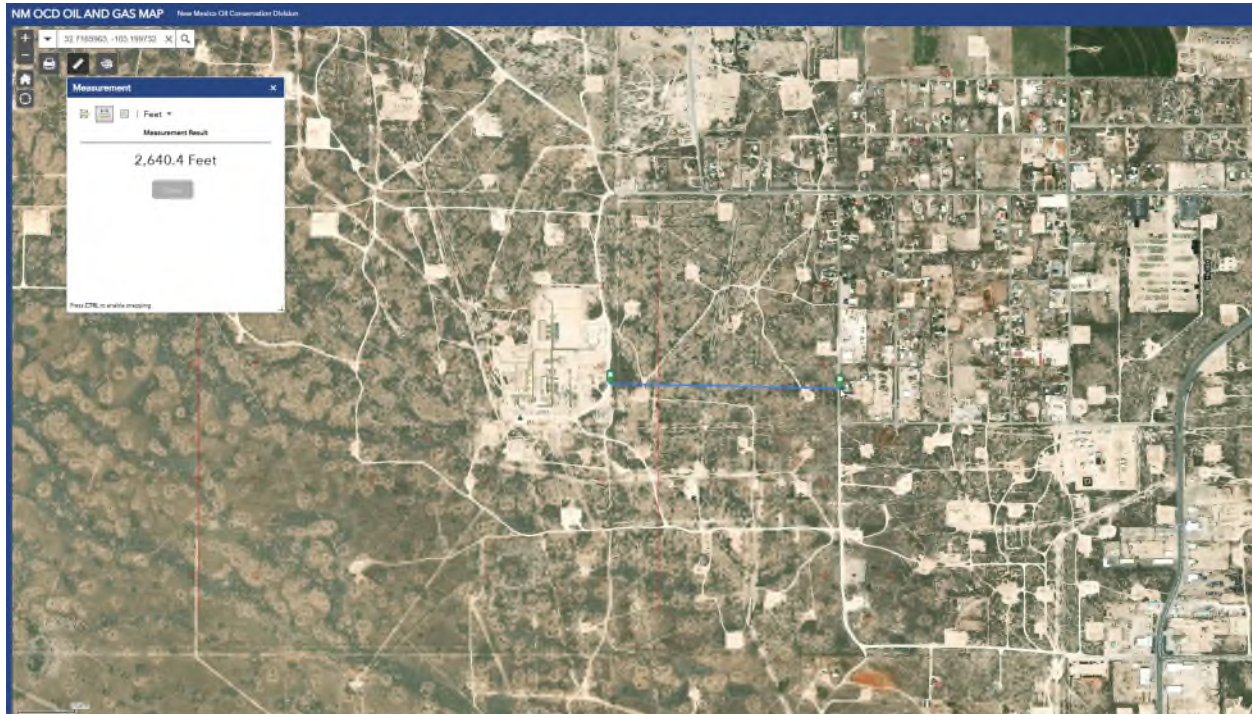
1:577,791



NM Coal Mine Reclamation Program, NM EMNRD, Esri, CGIAR, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

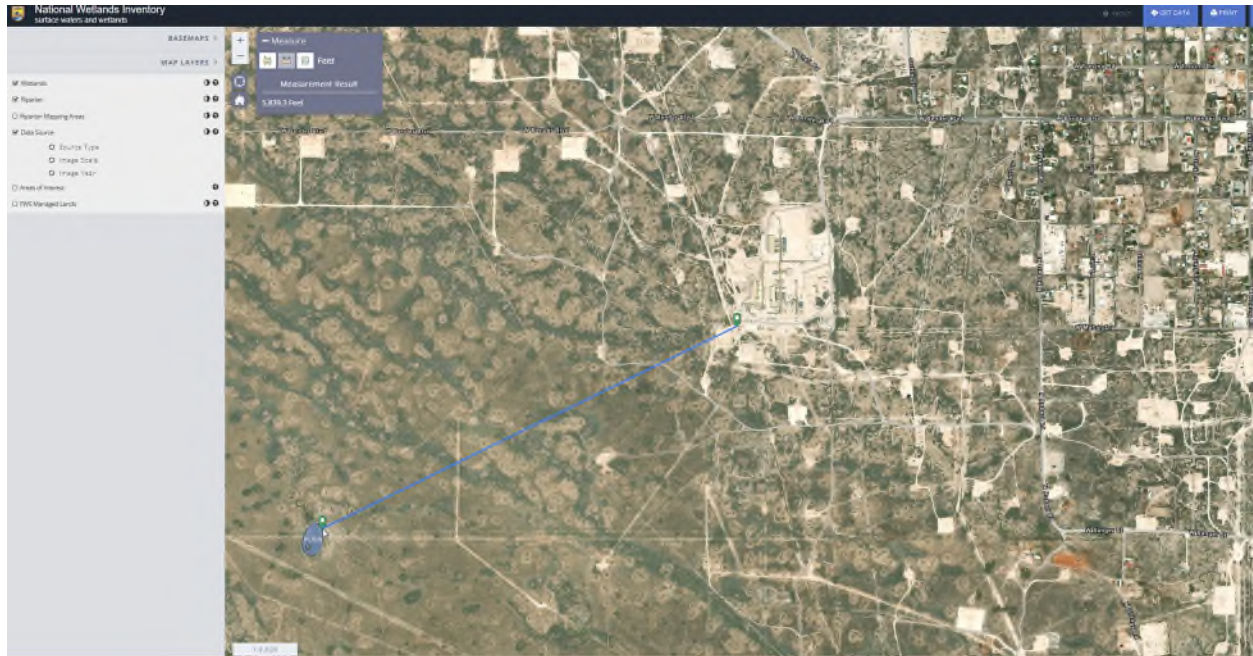
EMNRD MMD GIS Coordinator

Residence Map: ~2640 feet (~0.5 miles)





Significant Water: Freshwater pond: ~5839 feet (~1.1 miles)





**North Hobbs RCF**

OCD Facility ID: fKJ1517634129

NH RCF  
LP-Flare



1000 ft

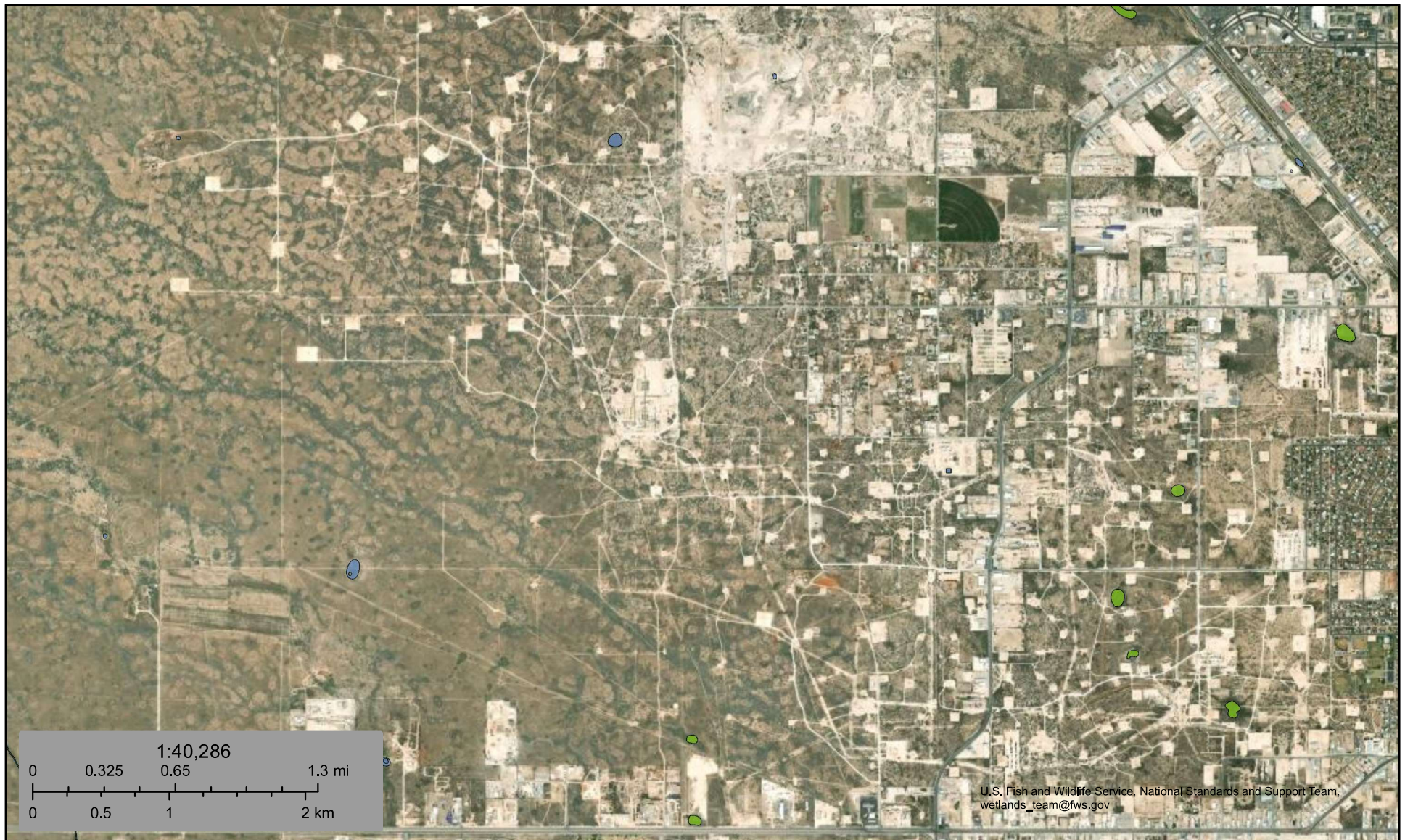




U.S. Fish and Wildlife Service

## National Wetlands Inventory

## North Hobbs RCF



May 6, 2025

**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.

## Lea County, New Mexico

### KO—Kimbrough gravelly loam, dry, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tw43  
*Elevation:* 2,500 to 4,800 feet  
*Mean annual precipitation:* 14 to 16 inches  
*Mean annual air temperature:* 57 to 63 degrees F  
*Frost-free period:* 180 to 220 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kimbrough, dry, and similar soils:* 80 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Kimbrough, Dry

##### Setting

*Landform:* Playa rims, plains  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Concave, linear  
*Parent material:* Loamy eolian deposits derived from sedimentary rock

##### Typical profile

*A - 0 to 3 inches:* gravelly loam  
*Bw - 3 to 10 inches:* loam  
*Bkkm1 - 10 to 16 inches:* cemented material  
*Bkkm2 - 16 to 80 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 4 to 18 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 0.01 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 95 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7s



Hydrologic Soil Group: D  
Ecological site: R077DY049TX - Very Shallow 12-17" PZ  
Hydric soil rating: No

Minor Components

**Eunice**  
Percent of map unit: 10 percent  
Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Convex  
Ecological site: R077DY049TX - Very Shallow 12-17" PZ  
Hydric soil rating: No

**Spraberry**  
Percent of map unit: 6 percent  
Landform: Playa rims, plains  
Down-slope shape: Convex, linear  
Across-slope shape: Linear  
Ecological site: R077DY049TX - Very Shallow 12-17" PZ  
Hydric soil rating: No

**Kenhill**  
Percent of map unit: 4 percent  
Landform: Plains  
Down-slope shape: Linear  
Across-slope shape: Linear  
Ecological site: R077DY038TX - Clay Loam 12-17" PZ  
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

### KU—Kimbrough-Lea complex, dry, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2tw46

*Elevation:* 2,500 to 4,800 feet

*Mean annual precipitation:* 14 to 16 inches

*Mean annual air temperature:* 57 to 63 degrees F

*Frost-free period:* 180 to 220 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Kimbrough and similar soils:* 45 percent

*Lea and similar soils:* 25 percent

*Minor components:* 30 percent

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

#### Description of Kimbrough

##### Setting

*Landform:* Playa rims, plains

*Down-slope shape:* Convex, linear

*Across-slope shape:* Concave, linear

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

##### Typical profile

*A - 0 to 3 inches:* gravelly loam

*Bw - 3 to 10 inches:* loam

*Bkkm1 - 10 to 16 inches:* cemented material

*Bkkm2 - 16 to 80 inches:* cemented material

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* 4 to 18 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 0.01 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 95 percent

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

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified



*Land capability classification (nonirrigated): 7s*  
*Hydrologic Soil Group: D*  
*Ecological site: R077DY049TX - Very Shallow 12-17" PZ*  
*Hydric soil rating: No*

## Description of Lea

### Setting

*Landform: Plains*  
*Down-slope shape: Convex*  
*Across-slope shape: Linear*  
*Parent material: Calcareous, loamy eolian deposits from the blackwater draw formation of pleistocene age over indurated caliche of pliocene age*

### Typical profile

*A - 0 to 10 inches: loam*  
*Bk - 10 to 18 inches: loam*  
*Bkk - 18 to 26 inches: gravelly fine sandy loam*  
*Bkkm - 26 to 80 inches: cemented material*

### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: 22 to 30 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: 90 percent*  
*Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)*  
*Sodium adsorption ratio, maximum: 3.0*  
*Available water supply, 0 to 60 inches: Very low (about 2.9 inches)*

### Interpretive groups

*Land capability classification (irrigated): None specified*  
*Land capability classification (nonirrigated): 7s*  
*Hydrologic Soil Group: D*  
*Ecological site: R077DY047TX - Sandy Loam 12-17" PZ*  
*Hydric soil rating: No*

## Minor Components

### Douro

*Percent of map unit: 12 percent*  
*Landform: Plains*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*Ecological site: R077DY047TX - Sandy Loam 12-17" PZ*  
*Other vegetative classification: Unnamed (G077DH000TX)*  
*Hydric soil rating: No*

**Kenhill**

*Percent of map unit:* 12 percent  
*Landform:* Plains  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Ecological site:* R077DY038TX - Clay Loam 12-17" PZ  
*Hydric soil rating:* No

**Spraberry**

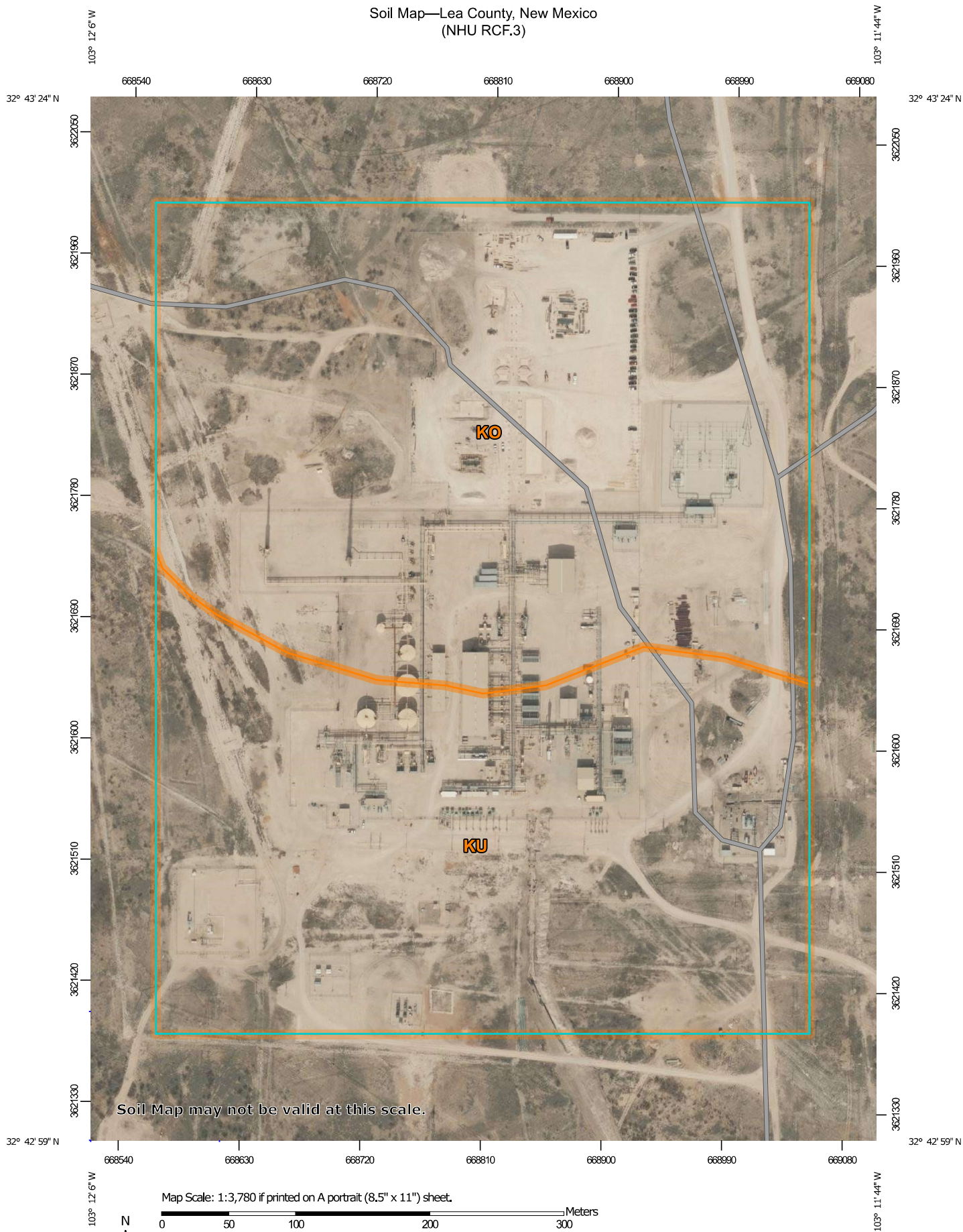
*Percent of map unit:* 6 percent  
*Landform:* Playa rims, plains  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ  
*Other vegetative classification:* Unnamed (G077DH000TX)  
*Hydric soil rating:* No

**Data Source Information**

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



Soil Map—Lea County, New Mexico  
(NHU RCF.3)



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

10/24/2024  
Page 1 of 3

Soil Map—Lea County, New Mexico  
(NHU RCF.3)

## 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 |
|-----------------------------|-----------------------------------------------------|--------------|----------------|
| KO                          | Kimbrough gravelly loam, dry, 0 to 3 percent slopes | 41.1         | 55.0%          |
| KU                          | Kimbrough-Lea complex, dry, 0 to 3 percent slopes   | 33.6         | 45.0%          |
| Totals for Area of Interest |                                                     | 74.6         | 100.0%         |





# North Hobbs RCF LP Flare





Pantechs Laboratories, Inc. - Order: 1120-7805 - 12/17/2024 - North Hobbs RCF - Monthly Collection

| SAMPLE ID     |                         | COLLECTION DATA  |             |
|---------------|-------------------------|------------------|-------------|
| Operator      | Occidental Permian Ltd. | Pressure         | 286 psig    |
| Location      | North Hobbs RCF         | Sample Temp      | 63 F        |
| Site          | DEX PRO                 | Atm Temp         | 40 F        |
| Site Type     | Station                 | Collection Date  | 12/17/2024  |
| Sample Point  | Inlet                   | Collection Time  | 9:14 AM     |
| Spot/Comp     | Spot                    | Collection By    | Cody Carson |
| Meter ID      |                         | Pressure Base    | 14.650 psi  |
| Regulatory ID |                         | Temperature Base | 60 F        |
| Fluid         | Gas                     | Container(s)     | PL3142      |

GPA 2261-20 Gas Fractional Analysis

| COMPOUND         | FORMULA | MOL%    | WT%     | GPM    |
|------------------|---------|---------|---------|--------|
| NITROGEN         | N2      | 1.540   | 1.018   | 0.169  |
| CARBON DIOXIDE   | CO2     | 89.269  | 92.718  | 15.219 |
| HYDROGEN SULFIDE | H2S     | 0.572   | 0.460   | 0.077  |
| METHANE          | C1      | 5.546   | 2.100   | 0.940  |
| ETHANE           | C2      | 0.681   | 0.483   | 0.182  |
| PROPANE          | C3      | 1.061   | 1.104   | 0.292  |
| I-BUTANE         | iC4     | 0.223   | 0.306   | 0.073  |
| N-BUTANE         | nC4     | 0.580   | 0.796   | 0.183  |
| I-PENTANE        | iC5     | 0.169   | 0.288   | 0.062  |
| N-PENTANE        | nC5     | 0.138   | 0.235   | 0.050  |
| HEXANES PLUS     | C6+     | 0.221   | 0.492   | 0.094  |
| TOTALS:          |         | 100.000 | 100.000 | 17.341 |

Value of "0.000" in fractional interpreted as below detectable limit. Onsite H2S value is used in fractional table if performed.

| LIQUID YIELD   | C2+   | C3+   | C4+   | C5+   | 26# Liquid | 10# Liquid |
|----------------|-------|-------|-------|-------|------------|------------|
| GAL/MSCF (GPM) | 0.936 | 0.754 | 0.462 | 0.206 | 0.313      | 0.179      |

GPA 2172/ASTM D3588 CALCULATED PROPERTIES

| WATER CONTENT | BTU/CF, Gross | BTU/CF, Net | Specific Gr. | Z Factor | Mol Weight | Wobbe IDX |
|---------------|---------------|-------------|--------------|----------|------------|-----------|
| DRY           | 148.65        | 135.98      | 1.471        | 0.994    | 42.373     | 122.57    |
| SATURATED     | 147.00        | 133.60      | 1.457        | 0.994    | 41.632     |           |

Onsite Testing by Stain Tube

| METHOD  | TYPE             | MOL%   | GRAINS/100 | PPMV    | LB/MMSCF |
|---------|------------------|--------|------------|---------|----------|
| GPA2377 | hydrogen sulfide | 0.5717 | 363.02     | 5,772.0 | 272.2    |

Mol%, Grains/100, PPMV are pressure and temperature corrected to base conditions.



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 447813

**QUESTIONS**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

|                      |                                                                |
|----------------------|----------------------------------------------------------------|
| <b>Prerequisites</b> |                                                                |
| Incident ID (n#)     | nAPP2507945194                                                 |
| Incident Name        | NAPP2507945194 NORTH HOBBS RCF @ 0                             |
| Incident Type        | Other                                                          |
| Incident Status      | Re-vegetation Report Received                                  |
| Incident Facility    | [fKJ1517634129] NORTH HOBBS RECOMPRESSION FACILITY & GAS PLANT |

**Location of Release Source**

Please answer all the questions in this group.

|                         |                 |
|-------------------------|-----------------|
| Site Name               | NORTH HOBBS RCF |
| Date Release Discovered | 03/01/2025      |
| Surface Owner           | Private         |

**Incident Details**

Please answer all the questions in this group.

|                                                                                                      |       |
|------------------------------------------------------------------------------------------------------|-------|
| Incident Type                                                                                        | Other |
| Did this release result in a fire or is the result of a fire                                         | No    |
| Did this release result in any injuries                                                              | No    |
| Has this release reached or does it have a reasonable probability of reaching a watercourse          | No    |
| Has this release endangered or does it have a reasonable probability of endangering public health    | No    |
| Has this release substantially damaged or will it substantially damage property or the environment   | No    |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No    |

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

|                                                                                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Crude Oil Released (bbls) Details                                                                                                                    | Not answered.                                                                                                              |
| Produced Water Released (bbls) Details                                                                                                               | Not answered.                                                                                                              |
| Is the concentration of chloride in the produced water >10,000 mg/l                                                                                  | Not answered.                                                                                                              |
| Condensate Released (bbls) Details                                                                                                                   | Not answered.                                                                                                              |
| Natural Gas Vented (Mcf) Details                                                                                                                     | Not answered.                                                                                                              |
| Natural Gas Flared (Mcf) Details                                                                                                                     | Cause: Equipment Failure   Gas Compressor Station   Natural Gas Flared   Released: 8 MCF   Recovered: 0 MCF   Lost: 8 MCF. |
| Other Released Details                                                                                                                               | Cause: Equipment Failure   Gas Compressor Station   Carbon Dioxide   Released: 64 MCF   Recovered: 0 MCF   Lost: 64 MCF.   |
| 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, Page 2

Action 447813

**QUESTIONS (continued)**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

| <b>Nature and Volume of Release (continued)</b>                                                                                                                |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                                      | <b>Yes, according to supplied volumes this appears to be a "gas only" report.</b> |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC                                                                                         | <b>No</b>                                                                         |
| Reasons why this would be considered a submission for a notification of a major release                                                                        | <i>Unavailable.</i>                                                               |
| <i>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.</i> |                                                                                   |

**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                                                                         | <b>True</b>                                                                                                                                                                                                                                                                                                                                                              |
| The impacted area has been secured to protect human health and the environment                                     | <b>True</b>                                                                                                                                                                                                                                                                                                                                                              |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | <b>False</b>                                                                                                                                                                                                                                                                                                                                                             |
| All free liquids and recoverable materials have been removed and managed appropriately                             | <b>False</b>                                                                                                                                                                                                                                                                                                                                                             |
| If all the actions described above have not been undertaken, explain why                                           | <b>This is a CO2 gas release only. There was no liquid or fluid impact to the area and/or physical remedial actions were necessary or required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this event.</b> |

*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: Shaina Rojas<br>Title: Specialist Environmental<br>Email: Shaina_rojas@oxy.com<br>Date: 05/23/2025 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|

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, Page 3

Action 447813

**QUESTIONS (continued)**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

|                                                                                                                                                                                                                                                      |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| <b>Site Characterization</b>                                                                                                                                                                                                                         |                                |
| <i>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.</i> |                                |
| 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                                                                                                                                                                                          | U.S. Geological Survey         |
| Did this release impact groundwater or surface water                                                                                                                                                                                                 | No                             |
| <b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>                                                                                                                             |                                |
| A continuously flowing watercourse or any other significant watercourse                                                                                                                                                                              | Between 1 and 5 (mi.)          |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)                                                                                                                                                                    | Between 1 and 5 (mi.)          |
| An occupied permanent residence, school, hospital, institution, or church                                                                                                                                                                            | Between ½ and 1 (mi.)          |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes                                                                                                                            | Between 500 and 1000 (ft.)     |
| Any other fresh water well or spring                                                                                                                                                                                                                 | Between 1000 (ft.) and ½ (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field                                                                                                                                                                      | Between 1 and 5 (mi.)          |
| A wetland                                                                                                                                                                                                                                            | Between 1 and 5 (mi.)          |
| A subsurface mine                                                                                                                                                                                                                                    | Greater than 5 (mi.)           |
| An (non-karst) unstable area                                                                                                                                                                                                                         | Greater than 5 (mi.)           |
| Categorize the risk of this well / site being in a karst geology                                                                                                                                                                                     | Low                            |
| A 100-year floodplain                                                                                                                                                                                                                                | Between 1 and 5 (mi.)          |
| Did the release impact areas not on an exploration, development, production, or storage site                                                                                                                                                         | No                             |

|                                                                                                                                                                                                                                                                                                                                                                                       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Remediation Plan</b>                                                                                                                                                                                                                                                                                                                                                               |            |
| <i>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.</i>                                                                                                                                                                                      |            |
| Requesting a remediation plan approval with this submission                                                                                                                                                                                                                                                                                                                           | Yes        |
| <i>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.</i>                                                                                                                                                                        |            |
| Have the lateral and vertical extents of contamination been fully delineated                                                                                                                                                                                                                                                                                                          | Yes        |
| Was this release entirely contained within a lined containment area                                                                                                                                                                                                                                                                                                                   | No         |
| <b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)                                                                                                                                                                                                                                                                     |            |
| Chloride (EPA 300.0 or SM4500 Cl B)                                                                                                                                                                                                                                                                                                                                                   | 0          |
| 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          |
| <i>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>                                                                        |            |
| On what estimated date will the remediation commence                                                                                                                                                                                                                                                                                                                                  | 03/01/2025 |
| On what date will (or did) the final sampling or liner inspection occur                                                                                                                                                                                                                                                                                                               | 03/01/2025 |
| On what date will (or was) the remediation complete(d)                                                                                                                                                                                                                                                                                                                                | 03/01/2025 |
| 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          |
| <i>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.</i>                                                                                                                                                                                |            |
| <i>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.</i> |            |



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, Page 4

Action 447813

**QUESTIONS (continued)**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Remediation Plan (continued)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                   |
| <i>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.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |
| <b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                   |
| <i>(Select all answers below that apply.)</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                   |
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| (In Situ) Soil Vapor Extraction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <i>Not answered.</i>                                                                                                                                                                                                                                                                                                                                              |
| OTHER (Non-listed remedial process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Yes</b>                                                                                                                                                                                                                                                                                                                                                        |
| Other Non-listed Remedial Process. Please specify                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | This is a CO2 gas release only. There was no liquid or fluid impact to the area and/or physical remedial actions were necessary or required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this event. |
| <i>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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                   |
| 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: Shaina Rojas<br>Title: Specialist Environmental<br>Email: Shaina_rojas@oxy.com<br>Date: 05/23/2025                                                                                                                                                                                                                                                          |
| <i>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.</i>                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                   |

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, Page 5

Action 447813

QUESTIONS (continued)

|                                                                                   |                                                                              |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Operator:<br><br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br><br>157984                                                         |
|                                                                                   | Action Number:<br><br>447813                                                 |
|                                                                                   | Action Type:<br><br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

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, Page 6

Action 447813

**QUESTIONS (continued)**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

| Sampling Event Information                                                                      |            |
|-------------------------------------------------------------------------------------------------|------------|
| Last sampling notification (C-141N) recorded                                                    | 444578     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 03/01/2025 |
| What was the (estimated) number of samples that were to be gathered                             | 0          |
| What was the sampling surface area in square feet                                               | 0          |

**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)                                                                                                                                                                                                    | This is a CO2 gas release only. There was no liquid or fluid impact to the area and/or physical remedial actions were necessary or required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this event. |

*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: Shaina Rojas<br>Title: Specialist Environmental<br>Email: Shaina_rojas@oxy.com<br>Date: 05/23/2025 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|



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, Page 7

Action 447813

**QUESTIONS (continued)**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reclamation Report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                   |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                   |
| Requesting a reclamation approval with this submission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                                                                                                                                                                                                                                                                               |
| What was the total reclamation surface area (in square feet) for this site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                                                                                                                                                                                                                                                                                                                                                 |
| What was the total volume of replacement material (in cubic yards) for this site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0                                                                                                                                                                                                                                                                                                                                                                 |
| <i>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.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                   |
| Is the soil top layer complete and is it suitable material to establish vegetation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                               |
| On what (estimated) date will (or was) the reseedling commence(d)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 03/01/2025                                                                                                                                                                                                                                                                                                                                                        |
| Summarize any additional reclamation activities not included by answers (above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | This is a CO2 gas release only. There was no liquid or fluid impact to the area and/or physical remedial actions were necessary or required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this event. |
| <i>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 reseedling plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                   |
| 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: Shaina Rojas<br>Title: Specialist Environmental<br>Email: Shaina_rojas@oxy.com<br>Date: 05/23/2025                                                                                                                                                                                                                                                          |

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, Page 8

Action 447813

**QUESTIONS (continued)**

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

**QUESTIONS**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Revegetation Report</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                   |
| <i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                   |
| Requesting a restoration complete approval with this submission                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                                                                                                                                                                                                                                                                                                                                               |
| What was the total revegetation surface area (in square feet) for this site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0                                                                                                                                                                                                                                                                                                                                                                 |
| <i>Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbed area in the first favorable growing season following closure of the site.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                   |
| On what date did the reseeding commence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 03/01/2025                                                                                                                                                                                                                                                                                                                                                        |
| On what date was the vegetative cover inspected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 03/01/2025                                                                                                                                                                                                                                                                                                                                                        |
| What was the life form ratio compared to pre-disturbance levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9999                                                                                                                                                                                                                                                                                                                                                              |
| What was the total percent plant cover compared to pre-disturbance levels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 9999                                                                                                                                                                                                                                                                                                                                                              |
| Summarize any additional revegetation activities not included by answers (above)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | This is a CO2 gas release only. There was no liquid or fluid impact to the area and/or physical remedial actions were necessary or required for the soil, groundwater, surface water, or environment, in or around the flare area as nothing occurred on the ground as there was no involvement, containment, or spillage of liquids or fluids during this event. |
| <i>The responsible party must attach information demonstrating they have complied with all applicable re-vegetation 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 life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 NMAC.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                   |
| 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: Shaina Rojas<br>Title: Specialist Environmental<br>Email: Shaina_rojas@oxy.com<br>Date: 05/23/2025                                                                                                                                                                                                                                                          |
| <i>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.</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                   |

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

Action 447813

## CONDITIONS

|                                                                               |                                                                          |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                         |
|                                                                               | Action Number:<br>447813                                                 |
|                                                                               | Action Type:<br>[C-141] Revegetation Report C-141 (C-141-v-Revegetation) |

## CONDITIONS

| Created By | Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Condition Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| amaxwell   | The revegetation 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. | 5/27/2025      |