

|              |                |                             |        |
|--------------|----------------|-----------------------------|--------|
| CO2%         | 94.46%         |                             |        |
| HC%          | 5.54%          |                             |        |
| Flare Volume | 116 mscfd      |                             |        |
| HC Volume    | 6.42524 mscfd  | NHU CTB                     | 80.489 |
| CO2 Volume   | 109.5748 mscfd | SHU CTB                     | 80.302 |
|              |                | NHU WIB                     | 93.595 |
|              |                | NHU NIB                     | 94.461 |
|              |                | SHU RCF                     | 86.311 |
|              |                | NHU RCF                     | 85.319 |
|              |                | South Indian Basin CMPR STA | 0.446  |

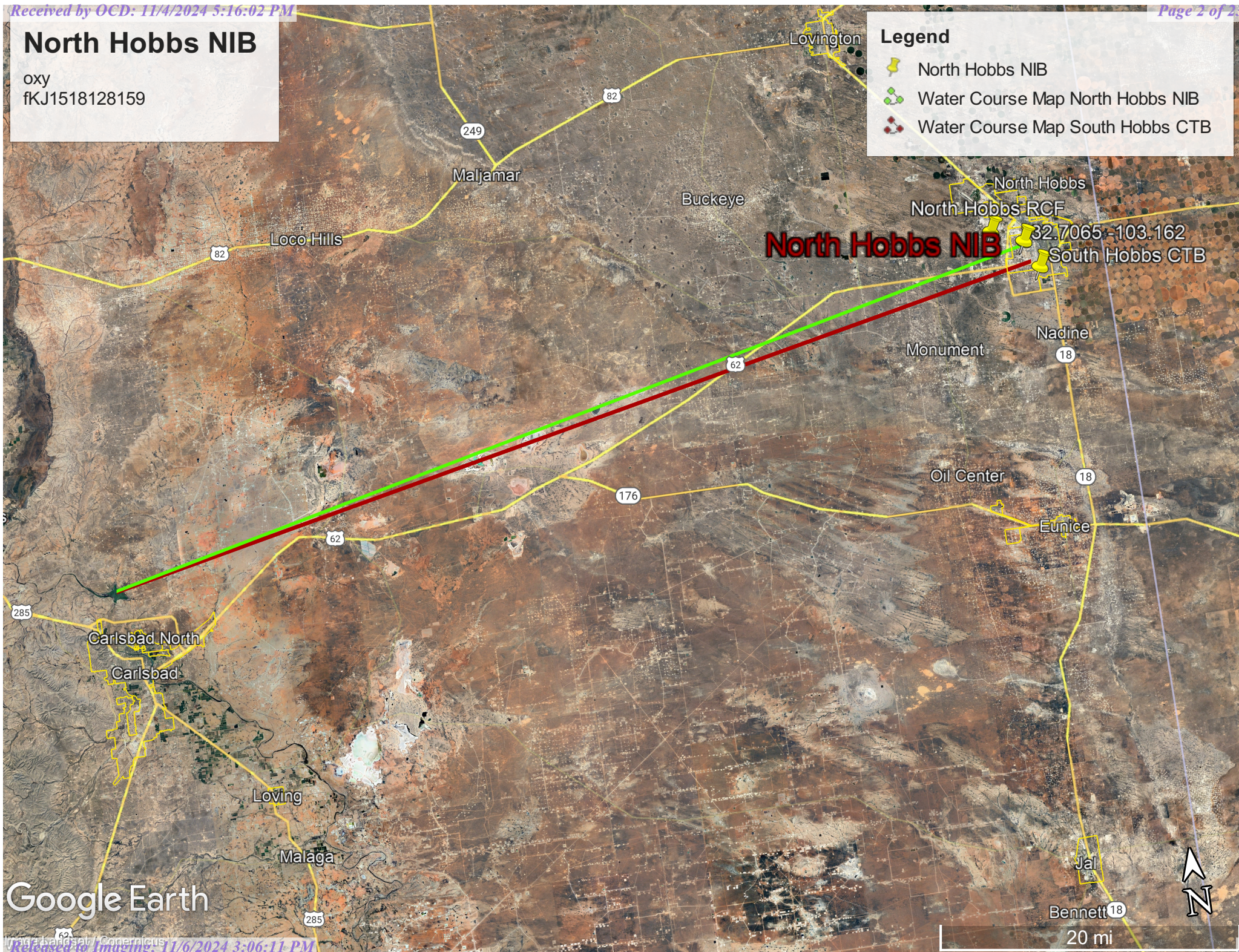


# North Hobbs NIB

oxy  
fKJ1518128159

## Legend

-  North Hobbs NIB
-  Water Course Map North Hobbs NIB
-  Water Course Map South Hobbs CTB



Google Earth



OCD Facility ID: fKJ1518128159

Google Earth

Released to Imaging: 11/6/2024 3:06:11 PM

Image © 2024 Airbus

300 ft





## Lea County, New Mexico

### KN—Kimbrough loam, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 2qmyr

*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:* 85 percent

*Minor components:* 15 percent

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

#### Description of Kimbrough

##### Setting

*Landform:* Plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

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

##### Typical profile

*A - 0 to 3 inches:* 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 (0.0 to 1.0 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



Map Unit Description: Kimbrough loam, 0 to 3 percent slopes---Lea County, New Mexico

NHU NIB\_1

*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ  
*Hydric soil rating:* No

### Minor Components

#### Eunice

*Percent of map unit:* 6 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:* 5 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



Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

NHU NIB\_2

## 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





Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

NHU NIB\_2

*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*



Map Unit Description: Kimbrough-Lea complex, dry, 0 to 3 percent slopes---Lea County, New Mexico

NHU NIB\_2

**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 NIB\_3)



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

11/4/2024  
Page 1 of 3



Soil Map—Lea County, New Mexico  
(NHU NIB\_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: Jan 18, 2020—Feb 17, 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 |
|-----------------------------|---------------------------------------------------|--------------|----------------|
| KN                          | Kimbrough loam, 0 to 3 percent slopes             | 15.2         | 97.7%          |
| KU                          | Kimbrough-Lea complex, dry, 0 to 3 percent slopes | 0.4          | 2.3%           |
| Totals for Area of Interest |                                                   | 15.5         | 100.0%         |





**Record Count:** 30

**Basin/County Search:**

**County:** LE

**PLSS Search:**

**Range:** 38E

**Township:** 18S

**Section:** 33

\* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



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

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

(quarters are smallest  
to largest)

(In feet)

| POD Number                   | Code | Sub<br>basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X        | Y           | Well<br>Map | Depth | Water | Water<br>Column |
|------------------------------|------|--------------|--------|-----|-----|----|-----|-----|-------|----------|-------------|-------------|-------|-------|-----------------|
| <a href="#">L 00143 POD2</a> |      | L            | LE     | SW  | NW  | SW | 33  | 18S | 38E   | 672383.0 | 3619648.0 * |             | 108   |       |                 |
| <a href="#">L 00220 S10</a>  |      | L            | LE     | SE  | NE  | SE | 33  | 18S | 38E   | 673791.0 | 3619669.0 * |             | 80    |       |                 |
| <a href="#">L 01196 POD1</a> |      | L            | LE     | SE  | SE  | SE | 33  | 18S | 38E   | 673799.0 | 3619266.0 * |             | 100   | 56    | 44              |
| <a href="#">L 01701 POD1</a> |      | L            | LE     |     | SE  | SW | 33  | 18S | 38E   | 672894.0 | 3619353.0 * |             | 104   | 50    | 54              |
| <a href="#">L 01786 POD1</a> |      | L            | LE     | NW  | NE  | NE | 33  | 18S | 38E   | 673576.0 | 3620676.0 * |             | 104   | 55    | 49              |
| <a href="#">L 02223 POD2</a> |      | L            | LE     | NE  | SW  | NE | 33  | 18S | 38E   | 673381.0 | 3620265.0 * |             | 212   | 60    | 152             |
| <a href="#">L 02232</a>      |      | L            | LE     |     |     | SW | 33  | 18S | 38E   | 672693.0 | 3619547.0 * |             | 112   | 56    | 56              |
| <a href="#">L 02264</a>      |      | L            | LE     |     |     | NE | 33  | 18S | 38E   | 673483.0 | 3620367.0 * |             | 93    | 56    | 37              |
| <a href="#">L 02272</a>      |      | L            | LE     | SE  | NE  | NE | 33  | 18S | 38E   | 673776.0 | 3620476.0 * |             | 105   | 60    | 45              |
| <a href="#">L 02316</a>      |      | L            | LE     |     | NW  | NE | 33  | 18S | 38E   | 673275.0 | 3620569.0 * |             | 110   | 46    | 64              |
| <a href="#">L 02512</a>      |      | L            | LE     | NW  | SW  | NE | 33  | 18S | 38E   | 673181.0 | 3620265.0 * |             | 150   | 55    | 95              |
| <a href="#">L 02836</a>      |      | L            | LE     | SW  | SW  | SE | 33  | 18S | 38E   | 673196.0 | 3619259.0 * |             | 129   | 53    | 76              |
| <a href="#">L 03299</a>      |      | L            | LE     | NW  | SE  | SE | 33  | 18S | 38E   | 673599.0 | 3619466.0 * |             | 110   | 61    | 49              |
| <a href="#">L 04750</a>      |      | L            | LE     | SE  | NE  | SW | 33  | 18S | 38E   | 672986.0 | 3619655.0 * |             | 86    | 45    | 41              |
| <a href="#">L 06574</a>      |      | L            | LE     | SW  | SW  | NW | 33  | 18S | 38E   | 672376.0 | 3620051.0 * |             | 120   | 52    | 68              |
| <a href="#">L 07523</a>      |      | L            | LE     | NW  | SE  | SE | 33  | 18S | 38E   | 673599.0 | 3619466.0 * |             | 350   |       |                 |
| <a href="#">L 08223</a>      |      | L            | LE     |     |     | SW | 33  | 18S | 38E   | 672693.0 | 3619547.0 * |             | 120   | 52    | 68              |
| <a href="#">L 08564</a>      |      | L            | LE     |     | SW  | SW | 33  | 18S | 38E   | 672492.0 | 3619346.0 * |             | 125   | 50    | 75              |
| <a href="#">L 10938</a>      |      | L            | LE     |     | SE  | SW | 33  | 18S | 38E   | 672894.0 | 3619353.0 * |             | 183   |       |                 |
| <a href="#">L 11274</a>      |      | L            | LE     | NE  | NW  | NE | 33  | 18S | 38E   | 673374.0 | 3620668.0 * |             | 230   |       |                 |
| <a href="#">L 14179 POD2</a> |      | L            | LE     | NE  | SE  | SW | 33  | 18S | 38E   | 673088.9 | 3619478.0   |             | 81    | 67    | 14              |
| <a href="#">L 14179 POD3</a> |      | L            | LE     | NE  | SE  | SW | 33  | 18S | 38E   | 673088.6 | 3619492.8   |             | 81    | 67    | 14              |
| <a href="#">L 14179 POD4</a> |      | L            | LE     | NE  | SE  | SW | 33  | 18S | 38E   | 673086.2 | 3619467.5   |             | 81    | 67    | 14              |
| <a href="#">L 14179 POD5</a> |      | L            | LE     | NW  | SW  | SE | 33  | 18S | 38E   | 673095.1 | 3619480.6   |             | 81    | 67    | 14              |
| <a href="#">L 14179 POD6</a> |      | L            | LE     | NE  | SE  | SW | 33  | 18S | 38E   | 673070.9 | 3619479.2   |             | 81    | 67    | 14              |
| <a href="#">L 14747 POD1</a> |      | L            | LE     | NW  | SW  | SE | 33  | 18S | 38E   | 674410.9 | 3543680.8   |             | 80    | 66    | 14              |



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

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

(quarters are smallest  
to largest)

(In feet)

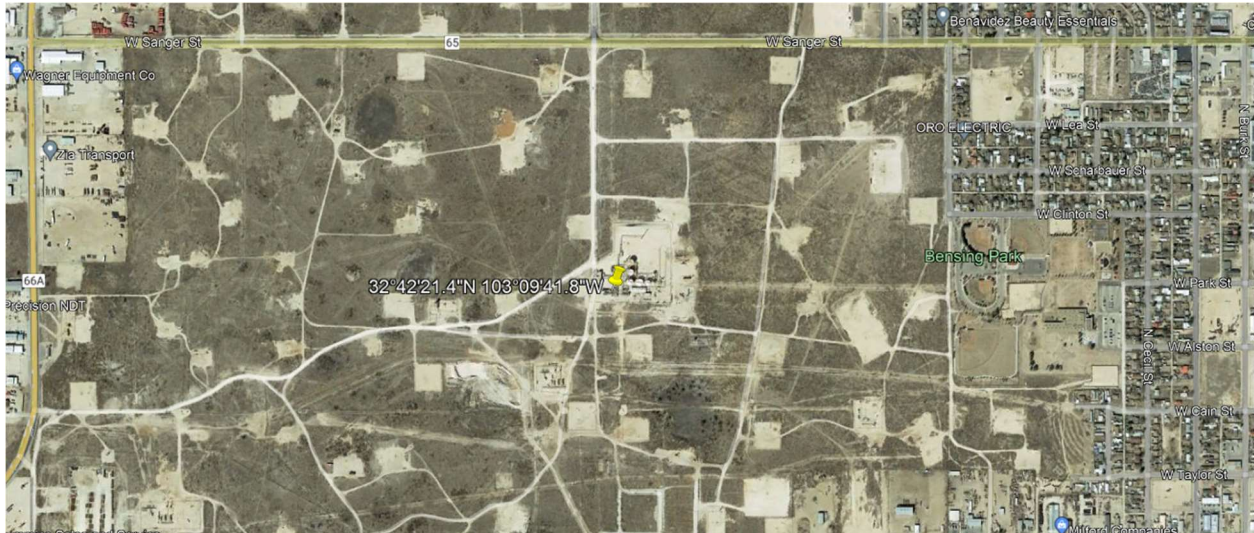
| POD Number                   | Code | Sub<br>basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X        | Y         | Map                                                                                 | Well<br>Depth | Depth<br>Water | Water<br>Column |
|------------------------------|------|--------------|--------|-----|-----|----|-----|-----|-------|----------|-----------|-------------------------------------------------------------------------------------|---------------|----------------|-----------------|
| <a href="#">L 15464 POD1</a> |      | L            | LE     | NE  | SW  | SE | 33  | 18S | 38E   | 673303.3 | 3619403.5 |  | 90            | 66             | 24              |
| <a href="#">L 15464 POD2</a> |      | L            | LE     | NE  | SW  | SE | 33  | 18S | 38E   | 673331.3 | 3619392.6 |  | 85            | 66             | 19              |
| <a href="#">L 15464 POD3</a> |      | L            | LE     | NE  | SW  | SE | 33  | 18S | 38E   | 673326.2 | 3619372.5 |  | 85            | 66             | 19              |
| <a href="#">L 15464 POD4</a> |      | L            | LE     | NE  | SW  | SE | 33  | 18S | 38E   | 673378.2 | 3619396.5 |  | 85            | 66             | 19              |

Average Depth to Water: **58 feet**

Minimum Depth: **45 feet**

Maximum Depth: **67 feet**

4500LP compressor went down again on a high monitor bearing temp RTD trip. Electricians came back out and had to call out Brandon and Clark to further troubleshoot. Unit will be down for a while. Assist gas used 11.6





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

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

QUESTIONS  
  
Action 399272

QUESTIONS

|                                                                               |                |
|-------------------------------------------------------------------------------|----------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:         |
|                                                                               | 157984         |
|                                                                               | Action Number: |
|                                                                               | 399272         |
| Action Type:                                                                  |                |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure)                   |                |

QUESTIONS

|                   |                                         |
|-------------------|-----------------------------------------|
| Prerequisites     |                                         |
| Incident ID (n#)  | nAPP2430956042                          |
| Incident Name     | NAPP2430956042 NORTH HOBBS UNIT NIB @ 0 |
| Incident Type     | Flare                                   |
| Incident Status   | Remediation Closure Report Received     |
| Incident Facility | [fKJ1518128159] North Hobbs Unit NIB    |

|                                                |                      |
|------------------------------------------------|----------------------|
| Location of Release Source                     |                      |
| Please answer all the questions in this group. |                      |
| Site Name                                      | North Hobbs Unit NIB |
| Date Release Discovered                        | 10/21/2024           |
| Surface Owner                                  | Private              |

|                                                                                                      |       |
|------------------------------------------------------------------------------------------------------|-------|
| Incident Details                                                                                     |       |
| Please answer all the questions in this group.                                                       |       |
| Incident Type                                                                                        | Flare |
| 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                                                                                                                  | No                                                                                                                 |
| Condensate Released (bbls) Details                                                                                                                                                   | Not answered.                                                                                                      |
| Natural Gas Vented (Mcf) Details                                                                                                                                                     | Not answered.                                                                                                      |
| Natural Gas Flared (Mcf) Details                                                                                                                                                     | Cause: Equipment Failure   Producing Well   Natural Gas Flared   Released: 6 MCF   Recovered: 0 MCF   Lost: 6 MCF. |
| Other Released Details                                                                                                                                                               | Cause: Equipment Failure   Producing Well   Carbon Dioxide   Released: 110 MCF   Recovered: 0 MCF   Lost: 110 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.                                                                                                      |

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

QUESTIONS, Page 2

Action 399272

**QUESTIONS (continued)**

|                                                                               |                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                            |
|                                                                               | Action Number:<br>399272                                                    |
|                                                                               | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|                                                                               |                                                                             |

**QUESTIONS**

|                                                                                                                                                                |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>Nature and Volume of Release (continued)</b>                                                                                                                |                                                                                   |
| Is this a gas only submission (i.e. only significant Mcf values reported)                                                                                      | <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>True</b>          |
| All free liquids and recoverable materials have been removed and managed appropriately                             | <b>True</b>          |
| If all the actions described above have not been undertaken, explain why                                           | <i>Not answered.</i> |

*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: 11/04/2024 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|



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

QUESTIONS, Page 3

Action 399272

**QUESTIONS (continued)**

|                                                                               |                |                                                             |
|-------------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:         | 157984                                                      |
|                                                                               | Action Number: | 399272                                                      |
|                                                                               | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|                                                                               |                |                                                             |

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

|                                                                                                                            |                                |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 51 and 75 (ft.)        |
| What method was used to determine the depth to ground water                                                                | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water                                                                       | No                             |
| <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 1000 (ft.) and ½ (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)                                          | Greater than 5 (mi.)           |
| An occupied permanent residence, school, hospital, institution, or church                                                  | 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 1000 (ft.) and ½ (mi.) |
| Any other fresh water well or spring                                                                                       | Between ½ and 1 (mi.)          |
| Incorporated municipal boundaries or a defined municipal fresh water well field                                            | Between 1 and 5 (mi.)          |
| A wetland                                                                                                                  | Between 1000 (ft.) and ½ (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                             |

**Remediation Plan**

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

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

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

|                                             |   |
|---------------------------------------------|---|
| Chloride (EPA 300.0 or SM4500 Cl B)         | 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 |

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

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| On what estimated date will the remediation commence                        | 10/21/2024 |
| On what date will (or did) the final sampling or liner inspection occur     | 10/21/2024 |
| On what date will (or was) the remediation complete(d)                      | 10/21/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed  | 0          |
| What is the estimated volume (in cubic yards) that will be reclaimed        | 0          |
| What is the estimated surface area (in square feet) that will be remediated | 0          |
| What is the estimated volume (in cubic yards) that will be remediated       | 0          |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 399272

**QUESTIONS (continued)**

|                                                                               |                |                                                             |
|-------------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:         | 157984                                                      |
|                                                                               | Action Number: | 399272                                                      |
|                                                                               | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|                                                                               |                |                                                             |

**QUESTIONS****Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

|                                                                                       |                                                        |
|---------------------------------------------------------------------------------------|--------------------------------------------------------|
| (Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.) | Not answered.                                          |
| (Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)         | Not answered.                                          |
| (In Situ) Soil Vapor Extraction                                                       | Not answered.                                          |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)     | Not answered.                                          |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)                    | Not answered.                                          |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)              | Not answered.                                          |
| Ground Water Abatement pursuant to 19.15.30 NMAC                                      | Not answered.                                          |
| OTHER (Non-listed remedial process)                                                   | Yes                                                    |
| Other Non-listed Remedial Process. Please specify                                     | This is a CO2 gas release only and NO spills occurred. |

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

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

|                                                    |                                                                                                          |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| I hereby agree and sign off to the above statement | Name: Shaina Rojas<br>Title: Specialist Environmental<br>Email: Shaina_rojas@oxy.com<br>Date: 11/04/2024 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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**Santa Fe, NM 87505**

QUESTIONS, Page 5  
  
Action 399272

QUESTIONS (continued)

|                                                                               |                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                            |
|                                                                               | Action Number:<br>399272                                                    |
|                                                                               | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

|                                                                                                                                                                                                       |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>Deferral Requests Only</b>                                                                                                                                                                         |    |
| <i>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.</i> |    |
| Requesting a deferral of the remediation closure due date with the approval of this submission                                                                                                        | No |

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QUESTIONS, Page 6

Action 399272

**QUESTIONS (continued)**

|                                                                               |                |                                                             |
|-------------------------------------------------------------------------------|----------------|-------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:         | 157984                                                      |
|                                                                               | Action Number: | 399272                                                      |
|                                                                               | Action Type:   | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
|                                                                               |                |                                                             |

**QUESTIONS**

|                                                                                                 |            |
|-------------------------------------------------------------------------------------------------|------------|
| <b>Sampling Event Information</b>                                                               |            |
| Last sampling notification (C-141N) recorded                                                    | 399267     |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 10/21/2024 |
| 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 and NO spills occurred. |

*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: 11/04/2024 |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|

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QUESTIONS, Page 7  
  
Action 399272

**QUESTIONS (continued)**

|                                                                               |                |
|-------------------------------------------------------------------------------|----------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:         |
|                                                                               | 157984         |
|                                                                               | Action Number: |
|                                                                               | 399272         |
| Action Type:                                                                  |                |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure)                   |                |

**QUESTIONS**

|                                                                                       |    |
|---------------------------------------------------------------------------------------|----|
| <b>Reclamation Report</b>                                                             |    |
| Only answer the questions in this group if all reclamation steps have been completed. |    |
| Requesting a reclamation approval with this submission                                | No |



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CONDITIONS  
  
Action 399272

CONDITIONS

|                                                                               |                                                                             |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Operator:<br>OCCIDENTAL PERMIAN LTD<br>P.O. Box 4294<br>Houston, TX 772104294 | OGRID:<br>157984                                                            |
|                                                                               | Action Number:<br>399272                                                    |
|                                                                               | Action Type:<br>[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvelez     | None      | 11/6/2024      |