

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

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

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

| | |
|----------------|--------------|
| Incident ID | |
| District RP | |
| Facility ID | 30-025-27089 |
| Application ID | |

Release Notification

NOT ACCEPTED

Responsible Party

| | | | |
|-------------------------|--------------------------------|------------------------------|----------------|
| Responsible Party | OXY USA INC. | OGRID | 16696 |
| Contact Name | WADE DITTRICH | Contact Telephone | (575) 390-2828 |
| Contact email | WADE_DITTRICH@OXY.COM | Incident # (assigned by OCD) | |
| Contact mailing address | PO BOX 4294; HOUSTON, TX 77210 | | |

Location of Release Source

Latitude 32.23386 Longitude -103.19968
(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|-----------|----------------------|--------------|
| Site Name | MLMU 212 | Site Type | BATTERY |
| Date Release Discovered | 3-24-2020 | API# (if applicable) | 30-025-27089 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|----------------|
| E | 7 | T24S | R37E | LEA COUNTY, NM |

Surface Owner: State Federal Tribal Private (Name: KELLY MYERS)

Nature and Volume of Release

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

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 1.5 BBLS | Volume Recovered (bbls) .10 BBLS |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 60 BBLS | Volume Recovered (bbls) 15 BBLS |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

3 INCH FIBERGLASS INJECTION FLOWLINE FAILURE

Location of spill: MLMU 212

Date of Spill: 3/24/2020

Site Soil Type: Fine Sand

Average Daily Production: _____ BBL Oil _____ BBL Water

| Total Area Calculations | | | | | | |
|-------------------------|--------|---|--------|---|----------------|---------|
| Total Surface Area | width | | length | | wet soil depth | oil (%) |
| Rectangle Area #1 | 102 ft | X | 145 ft | X | 1 in | 3% |
| Rectangle Area #2 | 60 ft | X | 80 ft | X | 1 in | 3% |
| Rectangle Area #3 | 0 ft | X | 0 ft | X | 0 in | 0% |
| Rectangle Area #4 | 0 ft | X | 0 ft | X | 0 in | 0% |
| Rectangle Area #5 | 0 ft | X | 0 ft | X | 0 in | 0% |
| Rectangle Area #6 | 0 ft | X | 0 ft | X | 0 in | 0% |
| Rectangle Area #7 | 0 ft | X | 0 ft | X | 0 in | 0% |
| Rectangle Area #8 | 0 ft | X | 0 ft | X | 0 in | 0% |

Porosity 0.16 gal per gal

Saturated Soil Volume Calculations:

| | | H2O | OIL |
|----------------------------|-----------------------|----------------------|-------------------|
| Area #1 | 14790 sq. ft. | 1,196 cu. ft. | 37 cu. ft. |
| Area #2 | 4800 sq. ft. | 388 cu. ft. | 12 cu. ft. |
| Area #3 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #4 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #5 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #6 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #7 | 0 sq. ft. | cu. ft. | cu. ft. |
| Area #8 | 0 sq. ft. | cu. ft. | cu. ft. |
| Total Solid/Liquid Volume: | 19,590 sq. ft. | 1,584 cu. ft. | 49 cu. ft. |

Estimated Volumes Spilled

| | H2O | OIL |
|---------------------|-------------|---------|
| Liquid in Soil: | 45.1 BBL | 1.4 BBL |
| Liquid Recovered : | 15.0 BBL | 0.0 BBL |
| Spill Liquid | 60.1 BBL | 1.4 BBL |
| Total Spill Liquid: | <u>61.5</u> | |

Recovered Volumes

Estimated oil recovered: **0.0 BBL**
 Estimated water recovered: **15.0 BBL**

| Soil Type | Porosity |
|-------------------|----------|
| Clay | 0.15 |
| Peat | 0.40 |
| Glacial Sediments | 0.13 |
| Sandy Clay | 0.12 |
| Silt | 0.16 |
| Loess | 0.25 |
| Fine Sand | 0.16 |
| Medium Sand | 0.25 |
| Coarse Sand | 0.26 |
| Gravelly Sand | 0.26 |
| Fine Gravel | 0.26 |
| Medium Gravel | 0.25 |
| Coarse Gravel | 0.18 |
| Sandstone | 0.25 |
| Siltstone | 0.18 |
| Shale | 0.05 |
| Limestone | 0.13 |
| Basalt | 0.19 |
| Volcanic Tuff | 0.20 |
| Standing Liquids | |