

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 | |
| Application ID | |

Release Notification

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 N 32.18643 Longitude W-103.99269
(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|-----------------------|----------------------|---------|
| Site Name | CEDAR CANYON 28-4 CTB | Site Type | BATTERY |
| Date Release Discovered | 11/27/18 | API# (if applicable) | N/A |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|-----------------|
| K | 28 | 24S | 29E | EDDY COUNTY, NM |

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

Nature and Volume of Release

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

| | | |
|---|--|--|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 240 bbls | Volume Recovered (bbls) 0 bbls |
| <input type="checkbox"/> Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input 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

Compromised 3" ball valve on circulating line to tank #4 caused an oil release

State of New Mexico
Oil Conservation Division

| | |
|----------------|--|
| Incident ID | |
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| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? The leak volume was greater than 25 bbls. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

| | |
|--|---|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| Printed Name: <u>Wade Dittrich</u> | Title: <u>Environmental Coordinator</u> |
| Signature: <u></u> | Date: <u>12-13-18</u> |
| email: <u>wade_dittrich@oxy.com</u> | Telephone: <u>(575) 390-2828</u> |
| <u>OCD Only</u> | |
| Received by: _____ | Date: _____ |

******* LIQUID SPILLS - VOLUME CALCULATIONS *******

Location of spill: Cedar Canyon 28 4 CTB

Date of Spill: 11/27/2018

Site Soil Type: Liner with gravel

Average Daily Production: NA BBL Oil NA BBL Water

| Total Area Calculations | | | | | | |
|--------------------------------|--------------|---|---------------|---|-----------------------|----------------|
| Total Surface Area | width | | length | | wet soil depth | oil (%) |
| Rectangle Area #1 | 75 ft | X | 100 ft | X | 0 in | 100% |
| Rectangle Area #2 | 0 ft | X | 0 ft | X | 0 in | 0% |
| 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:

| | | <u>H2O</u> | <u>OIL</u> |
|----------------------------|----------------------|-------------------|-------------------|
| Area #1 | 7500 sq. ft. | cu. ft. | 63 cu. ft. |
| Area #2 | 0 sq. ft. | cu. ft. | 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: | 7,500 sq. ft. | cu. ft. | 63 cu. ft. |

Estimated Volumes Spilled

| | <u>H2O</u> | <u>OIL</u> |
|---------------------|-------------------|-------------------|
| Liquid in Soil: | 0.0 BBL | 1.8 BBL |
| Liquid Recovered : | <u>239.0 BBL</u> | <u>0.0 BBL</u> |
| Spill Liquid | 239.0 BBL | 1.8 BBL |
| Total Spill Liquid: | 240.8 | |

Recovered Volumes

Estimated oil recovered: 0.0 BBL
 Estimated water recovered: 239.0 BBL

| <u>Soil Type</u> | <u>Porosity</u> |
|-------------------------|------------------------|
| 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 | |