

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    | NRM2015533864 |
| 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 32.1948 Longitude -103.9876  
(NAD 83 in decimal degrees to 5 decimal places)

|                         |                           |                      |         |
|-------------------------|---------------------------|----------------------|---------|
| Site Name               | CEDAR CANYON 28 FED 2 CTB | Site Type            | BATTERY |
| Date Release Discovered | 5-5-20                    | API# (if applicable) |         |

| Unit Letter | Section | Township | Range | County          |
|-------------|---------|----------|-------|-----------------|
| B           | 28      | T24S     | R29E  | EDDY COUNTY, NM |

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

### Nature and Volume of Release

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

|  |  |   |
|--|--|---|
| <input type="checkbox"/> Crude Oil                 | Volume Released (bbls)   | Volume Recovered (bbls)   |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 145 BBLS  | Volume Recovered (bbls) 140 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

OLD WATER LINE

Form C-141

State of New Mexico  
Oil Conservation Division

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|                |               |
|----------------|---------------|
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|   |  |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | If YES, for what reason(s) does the responsible party consider this a major release?<br><b>THE RELEASE IS GREATER THAN 25 BBLS</b> |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br><b>YES, BY WADE DITTRICH, TO MIKE BRATCHER, ROBERT HAMLET, AND VICTORIA VENEGAS VIA EMAIL ON 5-6-2020</b> |  |

### 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.
- ☒ The impacted area has been secured to protect human health and the environment.
- ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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: <b>Wade Dittrich</b>   | Title: <b>Environmental Coordinator</b> |
| Signature:  | Date: <b>5/29-2020</b>                  |
| email: <b>wade_dittrich@oxy.com</b>  | Telephone: <b>(575) 390-2828</b>        |

#### OCD Only

Received by: Ramona Marcus Date: 6/3/2020

Location of spill:

Cedar Canyon 28 Fed 2 CTB

Date of Spill:

5/5/2020

Site Soil Type: Lined and caliche

Average Daily Production:

BBL Oil

BBL Water

**Total Area Calculations**

| Total Surface Area | width |   | length |   | wet soil depth | oil (%) |
|--------------------|-------|---|--------|---|----------------|---------|
| Rectangle Area #1  | 35 ft | X | 100 ft | X | 3 in           | 0%      |
| Rectangle Area #2  | 20 ft | X | 87 ft  | X | 3 in           | 0%      |
| Rectangle Area #3  | 20 ft | X | 20 ft  | X | 3 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                    | 3500 sq. ft.  | 875 cu. ft.   | cu. ft.    |
| Area #2                    | 1740 sq. ft.  | 435 cu. ft.   | cu. ft.    |
| Area #3                    | 400 sq. ft.   | 100 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: | 5,640 sq. ft. | 1,410 cu. ft. | cu. ft.    |

**Estimated Volumes Spilled**

|                     | <u>H2O</u> | <u>OIL</u> |
|---------------------|------------|------------|
| Liquid in Soil:     | 40.2 BBL   | 0.0 BBL    |
| Liquid Recovered :  | 120.0 BBL  | 0.0 BBL    |
| Spill Liquid        | 160.2 BBL  | 0.0 BBL    |
| Total Spill Liquid: | 160.2      |            |

**Recovered Volumes**

Estimated oil recovered: 0.0 BBL  
 Estimated water recovered: 120.0 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  |          |