

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

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

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

| | |
|----------------|----------------|
| Incident ID | nAPP2210224954 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|--|--------------------------------|
| Responsible Party Marathon Oil Permian LLC | OGRID 372098 |
| Contact Name Melodie Sanjari | Contact Telephone 575-988-8753 |
| Contact email msanjari@marathonoil.com | Incident # (assigned by OCD) |
| Contact mailing address 4111 S. Tidwell Rd., Carlsbad, NM 8220 | |

Location of Release Source

Latitude 32.313848

Longitude -104.202477
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|------------------------------------|-----------------------------------|
| Site Name Cypress #001H | Site Type Oil & Gas Facility |
| Date Release Discovered: 4/12/2022 | API# (if applicable) 30-015-44046 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| M | 09 | 23S | 27E | Eddu |

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 type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 12 | Volume Recovered (bbls) 12 |
| | 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

Night operator arrived on location to a seal failure on the water transfer pump that resulted in the release of approx. 12 bbl. of produced water inside of the lined, secondary containment. As the depth of the fluid was far too shallow for a vac truck to be impactful, a pressure washing truck will be dispatched to pressure-wash the impacted area within the containment and all fluids will be recovered to reduce risk of trips, slips and falls. A notice will be sent out prior to a liner integrity inspection.

| | |
|----------------|----------------|
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| | |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? NOR submitted 4/12/22 | |

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>Melodie Sanjari</u> Title: <u>Environmental Professional</u> Signature: <u>Melodie Sanjari</u> Date: <u>4/12/2022</u> email: <u>msanjari@marathonoil.com</u> Telephone: <u>575-988-8753</u> |
| <u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>04/12/2022</u> |

MRO Spill Calculation Tool

Standing Liquid Inputs:

| | Length (ft.) | Width (ft.) | Avg. Liquid Depth (in.) | % Oil | Total Volume (bbls) | Water Volume (bbls) | Oil Volume (bbls) |
|-----------------------|--------------|-------------|-------------------------|-------|---------------------|---------------------|-------------------|
| Rectangle Area #1 | 160 | 20 | 0.25 | | 11.87 | 11.87 | 0.00 |
| Rectangle Area #2 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #3 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #4 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #5 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #6 | | | | | 0.00 | 0.00 | 0.00 |
| Vessel Displacement | | | | | 0.00 | 0.00 | 0.00 |
| Vessel Displacement | | | | | 0.00 | 0.00 | 0.00 |
| Liquid Volume: | | | | | 11.87 | 11.87 | 0.00 |

Saturated Soil Inputs:

Soil Type: **Gravel or Sand**

| | Length (ft.) | Width (ft.) | Avg. Saturated Depth (in.) | % Oil | Total Volume (bbls) | Water Volume (bbls) | Oil Volume (bbls) |
|-------------------------|--------------|-------------|----------------------------|-------|---------------------|---------------------|-------------------|
| Rectangle Area #1 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #2 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #3 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #4 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #5 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #6 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #7 | | | | | 0.00 | 0.00 | 0.00 |
| Rectangle Area #8 | | | | | 0.00 | 0.00 | 0.00 |
| Saturated Volume | | | | | 0.00 | 0.00 | 0.00 |

| | Total Volume (bbls) | Water Volume (bbls) | Oil Volume (bbls) |
|-----------------------------------|---------------------|---------------------|-------------------|
| Total Spill Volume (bbls): | 11.87 | 11.87 | 0.00 |
| Total Spill Volume (gals): | 498.70 | 498.70 | 0.00 |

Comments:

Color Key:

| | | | |
|-----------------------------|---------------------------------|--------------------------------|-----------------|
| Required Input Cells | Supplemental Input Cells | No Input (Calculations) | No Input |
|-----------------------------|---------------------------------|--------------------------------|-----------------|

Ground/Vegetation Overspray

| Cover Type | Microns | Approximate Depth (in) |
|---------------|---------|------------------------|
| Ground | | |
| Dull Color | 10 | 0.00003281 |
| Dark Color | 50 | 0.00016404 |

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 1625 N. French Dr., Hobbs, NM 88240
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 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

CONDITIONS
 Action 97436

CONDITIONS

| | |
|--|---|
| Operator: MARATHON OIL PERMIAN LLC 990 Town & Country Blvd. Houston, TX 77024 | OGRID: 372098 |
| | Action Number: 97436 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| jharimon | None | 4/12/2022 |