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 | NAPP2329832291 |
| District RP | |
| Facility ID | |
| Application ID | |

# Release Notification

## Responsible Party

| | |
|---|---|
| Responsible Party **MACK ENERGY CORPORATION** | OGRID **013837** |
| Contact Name **MATT BUCKLES** | Contact Telephone **575-703-1958** |
| Contact email **mattbuckles@mec.com** | Incident # *(assigned by OCD)* |
| Contact mailing address **11344 Lovington Highway, Artesia NM 88210** | |

## Location of Release Source

Latitude **32.987071** Longitude **-104.07267**
*(NAD 83 in decimal degrees to 5 decimal places)*

| | |
|---|---|
| Site Name **WEST MOUNT SPILL J** | Site Type **PRODUCTION AREA** |
| Date Release Discovered **9/21/2023** | API# *(if applicable)* ***30-005-64381*** |

| Unit Letter | Section | Township | Range | County |
|---|---|---|---|---|
| **E** | **30** | **15S** | **29E** | **CHAVES** |

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)

| | | |
|---|---|---|
| ☐ Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| ☒ Produced Water | Volume Released (bbls) **9.57** | Volume Recovered (bbls)0BBLS |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | ☐ Yes ☐ No |
| ☐ Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| ☐ Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| ☐ Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

**The water transfer company Well Spring found a failure on their lay flat line, releasing the fluid to the pasture area.**

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

| | |
|---|---|
| Incident ID | NAPP2329832291 |
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| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br>☒ Yes ☐ No | If YES, for what reason(s) does the responsible party consider this a major release?<br>**DUE TO VOLUME OF RELEASE** |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?<br>**Email was sent was sent to the OCD, Bratcher, Hamlet, Venegas, on 9/22 at 4:12pm** | |

## 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: **NATALIE GLADDEN** Title: **DIRECTOR OF ENVIRONMENTAL AND REGULATORY**

Signature: Natalie Gladden Date: 10/25/23

email: **natalie@energystaffingll.com** Telephone: **575-390-6397**

**OCD Only**

Received by: Shelly Wells Date: 10/26/2023

MACK ENERGY - WEST MOUNT SPILL J

| Soil Type | Porosity | Length | Width | Depth (.083 per inch) | Cubic Feet | Estimated Barrels | Soil Type |
|---|---|---|---|---|---|---|---|
| Clay | 0.15 | 10 | 10 | 0.083 | 8.3 | 0.22 | Clay |
| Peat | 0.40 | 10 | 10 | 0.083 | 8.3 | 0.59 | Peat |
| Glacial Sediments | 0.13 | 10 | 10 | 0.083 | 8.3 | 0.19 | Glacial Sediments |
| Sandy Clay | 0.12 | 10 | 10 | 0.083 | 8.3 | 0.18 | Sandy Clay |
| Silt | 0.16 | 10 | 10 | 0.083 | 8.3 | 0.24 | Silt |
| Loess | 0.25 | 10 | 10 | 0.083 | 8.3 | 0.37 | Loess |
| Fine Sand | 0.16 | 10 | 10 | 0.083 | 8.3 | 0.24 | Fine Sand |
| Medium Sand | 0.25 | 92.22 | 28.05 | 0.083 | 214.70199 | 9.57 | Medium Sand |
| Coarse Sand | 0.26 | 10 | 10 | 0.083 | 8.3 | 0.38 | Coarse Sand |
| Gravely Sand | 0.26 | 10 | 10 | 0.083 | 8.3 | 0.38 | Gravely Sand |
| Fine Gravel | 0.26 | 10 | 10 | 0.083 | 8.3 | 0.38 | Fine Gravel |
| Medium Gravel | 0.20 | 10 | 10 | 0.083 | 8.3 | 0.30 | Medium Gravel |
| Coarse Gravel | 0.18 | 10 | 10 | 0.083 | 8.3 | 0.27 | Coarse Gravel |
| Sandstone | 0.25 | 10 | 10 | 0.083 | 8.3 | 0.37 | Sandstone |
| Siltstone | 0.18 | 10 | 10 | 0.083 | 8.3 | 0.27 | Siltstone |
| Shale | 0.05 | 10 | 10 | 0.083 | 8.3 | 0.07 | Shale |
| Limestone | 0.13 | 10 | 10 | 0.083 | 8.3 | 0.19 | Limestone |
| Basalt | 0.19 | 10 | 10 | 0.083 | 8.3 | 0.28 | Basalt |
| Volcanic Tuff | 0.20 | 10 | 10 | 0.083 | 8.3 | 0.30 | Volcanic Tuff |
| Standing Liquids | X | 10 | 10 | 0.083 | 8.3 | 1.48 | Standing Liquids |

| *1* | *2* | *3* | *4* | *5* | *6* |
|---|---|---|---|---|---|
| **0.083** | **0.166** | **0.250** | **0.332** | **0.415** | **0.500** |
| | | | | | |
| *7* | *8* | *9* | *10* | *11* | *12* |
| **0.581** | **0.664** | **0.750** | **0.830** | **0.913** | **1.000** |

NOTE: This is an **estimate** tool designed for quick field estimates of whether a C-141 should be requred *(I.e. a release is estimated to be greater than or less than 5 barrel volumes)*

Choose the one prevailing ground type for estimating spill volumes at a single location.

Note that the depth should be measured in feet and tenths of feet (1 inch = .083)

Cubic Feet = L x W x D

*Estimated Barrels = ((Cubic Feet x Porosity) / 5.61)*

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**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 279167

## CONDITIONS

| | |
|---|---|
| Operator:<br>MACK ENERGY CORP<br>P.O. Box 960<br>Artesia, NM 882110960 | OGRID:<br>13837 |
| | Action Number:<br>279167 |
| | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| scwells | None | 10/26/2023 |