

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       | OGRID                        |
| Contact Name            | Contact Telephone            |
| Contact email           | Incident # (assigned by OCD) |
| Contact mailing address |                              |

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

|                         |                      |
|-------------------------|----------------------|
| Site Name               | Site Type            |
| Date Release Discovered | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
|             |         |          |       |        |

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 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

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

|                                                                                                                            |                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input type="checkbox"/> Yes <input 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)?               |                                                                                      |

### Initial Response

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> The source of the release has been stopped.<br><input type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input 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 _____ Title: _____<br>Signature: <u></u> _____ Date: _____<br>email: _____ Telephone: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b><u>OCD Only</u></b><br>Received by: <u>Ramona Marcus</u> Date: <u>12/14/2021</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## L48 Spill Volume Estimate Form

Received by OCD: 12/13/2021 11:22:37 AM

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NAPP2134740531

Facility Name &amp; Number: Battleaxe Fed Com 2

Asset Area: DBEN

Release Discovery Date &amp; Time: 12/4/2021

Release Type: Oil Mixture

Provide any known details about the event: Heater fire tube popped a hole

## Spill Calculation - On Pad Surface Pool Spill

| Convert Irregular shape into a series of rectangles | Length (ft.) | Width (ft.) | Deepest point in each of the areas (in.) | No. of boundaries of "shore" in each area | Estimated Pool Area (sq. ft.) | Estimated Average Depth (ft.) | Estimated volume of each pool area (bbl.) | Penetration allowance (ft.) | Total Estimated Volume of Spill (bbl.) | Percentage of Oil if Spilled Fluid is a Mixture | Total Estimated Volume of Spilled Oil (bbl.) | Total Estimated Volume of Spilled Liquid other than Oil (bbl.) |
|-----------------------------------------------------|--------------|-------------|------------------------------------------|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------------------|-----------------------------|----------------------------------------|-------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Rectangle A                                         | 35.0         | 15.0        | 3.00                                     | 4                                         | 525.000                       | 0.063                         | 5.841                                     | 0.003                       | 5.859                                  | 25.00%                                          | 1.465                                        | 4.394                                                          |
| Rectangle B                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle C                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle D                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle E                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle F                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle G                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle H                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Rectangle I                                         |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Released to Imaging: 12/14/2021 2:11:54 PM          |              |             |                                          |                                           | 0.000                         | #DIV/0!                       | #DIV/0!                                   | #DIV/0!                     | #DIV/0!                                |                                                 | #DIV/0!                                      | #DIV/0!                                                        |
| Total Volume Release:                               |              |             |                                          |                                           |                               |                               |                                           |                             | 5.859                                  |                                                 | 1.465                                        | 4.394                                                          |

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 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 66552

**CONDITIONS**

|                                                                           |                                                           |
|---------------------------------------------------------------------------|-----------------------------------------------------------|
| Operator:<br>COG OPERATING LLC<br>600 W Illinois Ave<br>Midland, TX 79701 | OGRID:<br>229137                                          |
|                                                                           | Action Number:<br>66552                                   |
|                                                                           | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| rmarcus    | None      | 12/14/2021     |