

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

400971144

Date Received:

01/14/2016

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

444494

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

|  |                           |  |
|--|---------------------------|--|
| Name of Operator: <u>EOG RESOURCES INC</u>             | Operator No: <u>27742</u> | <b>Phone Numbers</b>                       |
| Address: <u>600 17TH ST STE 1100N</u>                  |                           | Phone: <u>(307) 2357124</u>                |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> |                           | Mobile: <u>(307) 2516728</u>               |
| Contact Person: <u>Steve Bugni</u>                     |                           | Email: <u>steve_bugni@eogresources.com</u> |

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400964698

Initial Report Date: 01/05/2016 Date of Discovery: 01/05/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SE/SE SEC 10 TWP 11N RNG 63W MERIDIAN 6

Latitude: 40.930689 Longitude: -104.412031

Municipality (if within municipal boundaries): N/A County: WELD

Reference Location:

Facility Type: TANK BATTERY  Facility/Location ID No 415892  
 No Existing Facility or Location ID No.  
 Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? No

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=100

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: \_\_\_\_\_

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: 40 degrees F, sunny, no precip.

Surface Owner: FEE Other(Specify): \_\_\_\_\_

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State  Residence/Occupied Structure  Livestock  Public Byway  Surface Water Supply Area

As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

On the morning of 1/5/2016, a spill was discovered from the produced water tank at the Critter Creek 5-10H facility. The spill occurred during the night, and was caused by a recycle valve which had frozen. Approximately 160 bbls of produced water were spilled inside secondary containment. All produced water soaked into the ground, and none was recovered. Any remaining produced water was removed from the tank to prevent further leaks, and the tank was taken out of service. Weld County, CO and the surface owner will be notified in accordance with COGCC Rule 906.b.(2) and Rule 906.b.(3), respectively.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

| Date | Agency/Party | Contact | Phone | Response |
|------|--------------|---------|-------|----------|
|      |              |         | -     |          |

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 01/14/2016

| FLUIDS          | BBL's SPILLED | BBL's RECOVERED | Unknown                  |
|-----------------|---------------|-----------------|--------------------------|
| OIL             | 0             | 0               | <input type="checkbox"/> |
| CONDENSATE      | 0             | 0               | <input type="checkbox"/> |
| PRODUCED WATER  | 160           | 0               | <input type="checkbox"/> |
| DRILLING FLUID  | 0             | 0               | <input type="checkbox"/> |
| FLOW BACK FLUID | 0             | 0               | <input type="checkbox"/> |
| OTHER E&P WASTE | 0             | 0               | <input type="checkbox"/> |

specify: \_\_\_\_\_

Was spill/release completely contained within berms or secondary containment? YES Was an Emergency Pit constructed? NO

*Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.*

**A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit**

Impacted Media (Check all that apply)  Soil  Groundwater  Surface Water  Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 54 Width of Impact (feet): 42

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The spill affected the entire area inside the tank berm, which has dimensions of 54'x42'.

Soil/Geology Description:

The soil is constructed road base over native soils.

Depth to Groundwater (feet BGS) 40 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

|            |             |  |                   |             |  |
|------------|-------------|--|-------------------|-------------|--|
| Water Well | <u>2948</u> | None <input type="checkbox"/>            | Surface Water     | <u>2170</u> | None <input type="checkbox"/>            |
| Wetlands   | _____       | None <input checked="" type="checkbox"/> | Springs           | _____       | None <input checked="" type="checkbox"/> |
| Livestock  | <u>2000</u> | None <input type="checkbox"/>            | Occupied Building | _____       | None <input checked="" type="checkbox"/> |

Additional Spill Details Not Provided Above:

Soil samples were collected inside containment. Soils will be analyzed by a laboratory to determine if contaminant levels exceed the concentration levels in COGCC Table 910-1 and if remediation is required. The Weld County Office of Emergency Management and the landowner Denkai Animal Sanctuary (Floss Blackburn, President) were notified of the spill on 1/6/2016 in accordance with COGCC Rule 906.b.(2) and Rule 906.b.(3), respectively.

**CORRECTIVE ACTIONS**

#1 Supplemental Report Date: 01/14/2016

Cause of Spill (Check all that apply)  Human Error  Equipment Failure  Historical-Unknown  
 Other (specify) \_\_\_\_\_

Describe Incident & Root Cause (include specific equipment and point of failure)

The recycle valve froze during the night, causing the valve to crack and begin to leak produced water. 160 bbls of produced water had leaked by the time of discovery in the morning.

Describe measures taken to prevent the problem(s) from reoccurring:

The valve was replaced. The previous valve was a frost-proof valve, and was sent to the manufacturer to determine what caused it to fail.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation)  Offsite Disposal  Onsite Treatment  
 Other (specify) \_\_\_\_\_

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

### REQUEST FOR CLOSURE

**Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.**

Basis for Closure:  Corrective Actions Completed (documentation attached)  
 Work proceeding under an approved Form 27  
 Form 27 Remediation Project No: \_\_\_\_\_

**OPERATOR COMMENTS:**

\_\_\_\_\_

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Steve Bugni  
 Title: Environmental Tech Date: 01/14/2016 Email: steve\_bugni@eogresources.com

| COA Type | Description |
|----------|-------------|
|          |             |

### Attachment Check List

| Att Doc Num | Name              |
|-------------|-------------------|
| 400971144   | FORM 19 SUBMITTED |
| 400971200   | AERIAL PHOTOGRAPH |
| 400971201   | AERIAL PHOTOGRAPH |
| 400971203   | AERIAL PHOTOGRAPH |

Total Attach: 4 Files

### General Comments

| User Group    | Comment   | Comment Date            |
|---------------|---|-------------------------|
| Environmental | Operator shall analyze collected soil samples for BTEX, TPH-GRO, TPH-DRO, ec, pH and SAR. | 1/15/2016<br>7:57:17 AM |

Total: 1 comment(s)