

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401924669

Date Received:

02/12/2019

Spill report taken by:

Spill/Release Point ID:

### SPILL/RELEASE REPORT (INITIAL /w SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

#### OPERATOR INFORMATION

|  |                           |  |
|--|---------------------------|--|
| Name of Operator: <u>KERR MCGEE OIL &amp; GAS ONSHORE LP</u> | Operator No: <u>47120</u> | <b>Phone Numbers</b>                         |
| Address: <u>P O BOX 173779</u>                               |                           | Phone: <u>(970) 336-3500</u>                 |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>  |                           | Mobile: <u>(970) 515-1698</u>                |
| Contact Person: <u>Gregory Hamilton</u>                      |                           | Email: <u>Gregory.Hamilton@ana-darko.com</u> |

#### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401924669

Initial Report Date: 01/31/2019 Date of Discovery: 03/03/2014 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNE SEC 23 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.212433 Longitude: -104.736178

Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

#### Reference Location:

Facility Type: TANK BATTERY  Facility/Location ID No \_\_\_\_\_

Spill/Release Point Name: \_\_\_\_\_  No Existing Facility or Location ID No.

Number: \_\_\_\_\_  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): >=5 and <100

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

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.

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 March 9, 2014, approximately 30 barrels of condensate were released inside secondary containment at the Sarchet 41-23, Sarchet UPRR 42-23 3X production facility when a motor valve seat and trim failed at the wellhead. Approximately 25 barrels of condensate were recovered via vacuum truck and transferred to a licensed injection facility for disposal. Excavation activities were guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

| Date     | Agency/Party | Contact      | Phone  | Response |
|----------|--------------|--------------|--------|----------|
| 3/9/2014 | County       | Roy Rudisill | -email |          |
| 3/9/2014 | County       | David Bauer  | -email |          |

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes  No

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: \_\_\_\_\_

Was there a reportable accident associated with this E & P waste spill or release? Yes  No

If YES, enter the Document Number of the Initial Accident Report, Form 22: \_\_\_\_\_

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 01/31/2019

| FLUIDS          | BBL's SPILLED | BBL's RECOVERED | Unknown                  |
|-----------------|---------------|-----------------|--------------------------|
| OIL             | 0             | 0               | <input type="checkbox"/> |
| CONDENSATE      | 30            | 25              | <input type="checkbox"/> |
| PRODUCED WATER  | 0             | 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? NO 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): 41 Width of Impact (feet): 36

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): 0

How was extent determined?

On March 9, 2014, approximately 30 barrels of condensate were released inside secondary containment at the Sarchet 41-23, Sarchet UPRR 42-23 3X production facility. Approximately 160 cubic yards of impacted material were removed and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. Eight (8) confirmation soil samples were collected from the sidewalls and base of the final extent of the excavation area at depths ranging from approximately 4 feet to 6 feet below ground surface (bgs). The soil samples were submitted to eAnalytics Laboratory for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) by USEPA Method 8260C, TPH - diesel and oil range organics (DRO and ORO) by USEPA Method 8015. Laboratory analytical results indicated that constituent concentrations in the soil samples collected from the final extent of the excavation area were in full compliance with COGCC standards. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Soil sample locations are illustrated on Figure 2. Soil analytical results are summarized in Table 1 and the laboratory analytical reports are provided as Attachment A. A Form 27 Site Investigation and Remediation Workplan - Produced Water Vessel Closure Report will be prepared for this release.

Soil/Geology Description:

Sandy silt

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 23

If less than 1 mile, distance in feet to nearest

Water Well 390 None

Surface Water 1450 None

Wetlands \_\_\_\_\_ None

Springs \_\_\_\_\_ None

Livestock 975 None

Occupied Building 1630 None

Additional Spill Details Not Provided Above:

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/31/2019

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)

A release occurred from the production tank when a motor valve seat and trim failed at the wellhead.

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

The production facility was rebuilt and the motor valve seat and trim were replaced at the wellhead.

Volume of Soil Excavated (cubic yards): 160

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

Volume of Impacted Ground Water Removed (bbls): \_\_\_\_\_

Volume of Impacted Surface Water Removed (bbls): \_\_\_\_\_

### 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:

Kerr-McGee originally presented this information to the COGCC in a Form 19 document submitted via email on March 19, 2014. A COGIS database search indicated that there is no record of the 2014 document submittal for this release, and therefore, Kerr-McGee is resubmitting this information for record keeping purposes. Upon COGCC approval of this form and issuance of a Spill/Release Point ID, A Form 27 Site Investigation and Remediation Workplan - Produced Water Vessel Closure Report will be prepared for this release.

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

Signed: \_\_\_\_\_ Print Name: Gregory Hamilton

Title: Senior Staff Env Rep Date: 02/12/2019 Email: Gregory.Hamilton@anadarko.com

**COA Type**

**Description**

|  |  |
|--|--|
|  |  |
|--|--|

**Attachment Check List**

**Att Doc Num**

**Name**

|           |                    |
|-----------|--------------------|
| 401925086 | TOPOGRAPHIC MAP    |
| 401925096 | ANALYTICAL RESULTS |
| 401925098 | ANALYTICAL RESULTS |
| 401926347 | SITE MAP           |

Total Attach: 4 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

|  |  |                     |
|--|--|---------------------|
|  |  | Stamp Upon Approval |
|--|--|---------------------|

Total: 0 comment(s)