

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

401300281

Date Received:

06/05/2017

Spill report taken by:

CHESSON, BOB

Spill/Release Point ID:

450831

## SPILL/RELEASE REPORT (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> Phone: <u>(720) 929-6368</u> Mobile: <u>(785) 691-7788</u> Email: <u>Mike.Dinkel@anadarko.com</u>
Address: <u>P O BOX 173779</u>		
City: <u>DENVER</u>	State: <u>CO</u> Zip: <u>80217-3779</u>	
Contact Person: <u>Mike Dinkel</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401294414

Initial Report Date: 05/26/2017 Date of Discovery: 05/25/2017 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 10 TWP 1N RNG 63W MERIDIAN 6

Latitude: 40.059150 Longitude: -104.415158

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

#### Reference Location:

Facility Type: TANK BATTERY ☐ Facility/Location ID No \_\_\_\_\_  
☒ 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? Yes

*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: CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Sunny ~ 70 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 May 25, 2017, a release occurred when bore mud mixed with produced water and fresh water was applied to the ground surface in SESE Sec.10-1N-63W and at a Noble Energy construction site. Produced water originated from the Fehr 16N-32HZ and Land Fed 13N-32HZ production facilities. Assessment and incident investigation activities are ongoing and will be summarized in a forthcoming Supplemental Form 19 Spill/Release Report. 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
5/26/2017	County	Tom Parko	-email	
5/26/2017	County	Troy Swain	-email	
5/26/2017	County	Roy Rudisill	-email	
5/26/2017	Land owner	Private	-phone	

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 06/05/2017		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	150	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): \_\_\_\_\_ Width of Impact (feet): \_\_\_\_\_

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

How was extent determined? \_\_\_\_\_

On May 25, 2017, a release occurred when bore mud mixed with produced water and fresh water was applied to the ground surface in SESE Sec.10-1N-63W and at a Noble Energy construction site. Produced water originated from the Fehr 16N-32HZ and Land Fed 13N-32HZ production facilities. Characterization samples have been collected from the following locations and are currently being analyzed and evaluated: bore mud from the Noble Energy pipe bore inlet and outlet; bore mud from the mud storage and treatment facility; soil and water from the bore mud land application site and adjacent pond, and; produced water from the two source facilities. Assessment and incident investigation activities are ongoing and will be summarized in an additional forthcoming Supplemental Form 19 Spill/Release Report. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

Soil/Geology Description:

Clay

Depth to Groundwater (feet BGS) 140 Number Water Wells within 1/2 mile radius: 12

If less than 1 mile, distance in feet to nearest Water Well 640 None ☐ Surface Water 25 None ☐

Wetlands None ☒ Springs None ☒

Livestock 365 None ☐Occupied Building 345 None ☐

Additional Spill Details Not Provided Above:

**CORRECTIVE ACTIONS**#1 Supplemental Report Date: 06/05/2017Cause of Spill (Check all that apply) ☒ Human Error ☐ Equipment Failure ☐ Historical-Unknown  
☐ Other (specify) \_\_\_\_\_

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

A truck driver unloaded produced water into temporary fresh water tanks at the wrong location instead of temporary produced water tanks for disposal. The water was then mixed with additional fresh water and bentonite to make bore mud which was ultimately land applied.

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

Site and tank verification protocols and proper loading and unloading requirements have been reemphasized to third-party drivers and crews. Additional preventative measures will be put in place following the completion of the release incident investigation.

Volume of Soil Excavated (cubic yards): 0Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment  
☐ Other (specify) \_\_\_\_\_Volume of Impacted Ground Water Removed (bbls): 0Volume 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: Mike DinkelTitle: Staff HSE Representative Date: 06/05/2017 Email: Mike.Dinkel@anadarko.com**COA Type****Description****Attachment Check List****Att Doc Num****Name**

401300281	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401300562	TOPOGRAPHIC MAP
401301664	FORM 19 SUBMITTED

Total Attach: 3 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)