

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400827075

Date Received:

04/20/2015

Spill report taken by:

Spill/Release Point ID:

## 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: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	<b>Phone Numbers</b>
Address: P O BOX 173779		Phone: (970) 336-3500
City: DENVER State: CO Zip: 80217-3779		Mobile: (970) 515-1238
Contact Person: Sam LaRue		Email: Sam.LaRue@anadarko.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400823479

Initial Report Date: 04/10/2015 Date of Discovery: 04/10/2015 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 11 TWP 2S RNG 66W MERIDIAN 6

Latitude: 39.899697 Longitude: -104.749990

Municipality (if within municipal boundaries): County: ADAMS

#### Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 320424  
☐ 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? No

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

Estimated Oil Spill Volume(bbl): >=1 and <5

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Approximately 2 bbls of oil and produced water were released onto unlined containment.

#### Land Use:

Current Land Use: OTHER Other(Specify): Tank Battery

Weather Condition: Sunny, 50 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):

During a site inspection, oil and produced water were discovered on the ground surface near the separator resulting from a line failure at the HSR Van Schaack 4-11 site. Approximately 2 bbls of oil and produced water was released onto unlined containment. A hydro-vac truck was used to recover approximately 0.5 bbls of the released oil and produced water. The petroleum hydrocarbon impacted soil is being excavated. Groundwater was encountered in the excavation at approximately 7 feet bgs. Laboratory analytical results received on April 10, 2015 confirmed BTEX impacts to groundwater above the CGWQS. The groundwater analytical results are summarized in Table 1. Additional soil and groundwater samples will be collected from the excavation. The analytical results and excavation details will be provided in a supplemental report. A topographic Site Location Map showing the general location of the release is attached as Figure 1.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
4/10/2015	Adams County	Gordon Stevens	-Email	

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 04/17/2015		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	1	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	1	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: Approximately 2 bbls of oil and produced water were released; Approximately 0.5 bbls were recovered.

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?

Excavation activities are ongoing at the site. Confirmation soil samples will be collected from the excavation sidewalls and will be submitted for laboratory analysis of TPH, BTEX, pH, EC, and SAR (if applicable). An additional excavation groundwater sample will be collected following removal of impacted groundwater. The analytical results and excavation details will be provided in a supplemental report.

Soil/Geology Description:

Fine sand and clayey sand.

Depth to Groundwater (feet BGS) 7 Number Water Wells within 1/2 mile radius: 25

If less than 1 mile, distance in feet to nearest

Water Well	<u>590</u>	None <input type="checkbox"/>	Surface Water	<u>180</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	<u>600</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	04/17/2015
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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)

During a site inspection, oil and produced water were discovered on the ground surface near the separator resulting from a line failure at the HSR Van Schaack 4-11 site. Approximately 2 bbls of oil and produced water was released onto unlined containment. A hydro-vac truck was used to recover approximately 0.5 bbls of the released oil and produced water. The petroleum hydrocarbon impacted soil is being excavated.

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

The dumpline will be repaired.

Volume of Soil Excavated (cubic yards): \_\_\_\_\_

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: \_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: Sam LaRue  
Title: Sr. HSE Representative Date: 04/20/2015 Email: Sam.LaRue@anadarko.com

## Attachment Check List

Att Doc Num	Name
400827104	OTHER
400827105	TOPOGRAPHIC MAP
400827162	ANALYTICAL RESULTS

Total Attach: 3 Files

## General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)