

State of Colorado  
Oil and Gas Conservation Commission

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400615713

Date Received:

05/28/2014

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.

Spill report taken by:  
CANFIELD, CHRIS

Spill/Release Point ID:  
437362

OPERATOR INFORMATION

Name of Operator: <u>KERR MCGEE OIL &amp; GAS ONSHORE LP</u> OGCC Operator No: <u>47120</u>	<b>Phone Numbers</b>
Address: <u>P O BOX 173779</u>	Phone: <u>(970) 515-1161</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>	Mobile: <u>(970) 330-7998</u>
Contact Person: <u>Phillip Hamlin</u>	Email: <u>Phil.Hamlin@anadarko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Report Date: 05/16/2014 Date of Discovery: 05/15/2014 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNW SEC 5 TWP 1N RNG 65W MERIDIAN 6  
Latitude: 40.086363 Longitude: -104.696726  
Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

Reference Location:

Facility Type: TANK BATTERY  Well API No. (if the reference facility is well) 05-123-  
 Facility ID (if not a well) 433878  
 No Existing Facility ID

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

Was one (1) barrel or more spilled outside of berms or secondary containment? No  
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): >=10 and <20  
Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 15 bbls of produced water were released

Land Use:

Current Land Use: CROP LAND Other(Specify): \_\_\_\_\_  
Weather Condition: 64 degrees, partly cloudy  
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

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

The night operator discovered produced water leaking from a corrosion hole in the temporary produced water tank. Approximately 15 bbls of produced water were released within the containment berm. A vacuum truck was used to remove the remaining produced water from the leaking tank and recovered approximately 10 bbls of standing produced water from within the containment berm. The impacted soil will be excavated. Confirmation soil 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.

COGCC Comment Only:

List Agencies and Other Parties Notified:

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
5/16/2014	Weld County OEM	Roy Rudisill	-	Notified via email
5/16/2014	Weld County Public Works	Tom Parko	-	Notified via email

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: <u>05/28/2014</u>	
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED      Unknown
OIL	0	0 <input type="checkbox"/>
CONDENSATE	0	0 <input type="checkbox"/>
PRODUCED WATER	15	10 <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? <u>YES</u> Was an Emergency Pit constructed? <u>NO</u>		
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>		
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature		
Surface Area Impacted: Length of Impact (feet): <u>75</u>		Width of Impact (feet): <u>30</u>
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____
How was extent determined?		
Six surface soil samples (SS01 through SS06) were collected from within the release area for laboratory analysis. Laboratory analytical results for the soil samples confirm that TPH, BTEX, pH, and EC levels are compliant with COGCC allowable levels within the release area; therefore, no soil excavation is necessary. The general site layout, release extent, and soil sample locations are shown on the Site Map attached as Figure 2. The soil sample analytical results are summarized in Table 1. The laboratory analytical report is attached.		
Soil/Geology Description:		
Sand and Gravel/Roadbase		
Depth to Groundwater (feet BGS) <u>10</u> Number Water Wells within 1/2 mile radius: <u>9</u>		

If less than 1 mile, distance in feet to nearest Water Well 445 None  Surface Water 150 None   
 Wetlands \_\_\_\_\_ None  Springs \_\_\_\_\_ None   
 Livestock \_\_\_\_\_ None  Occupied Building 2030 None

Additional Spill Details Not Provided Above:

Laboratory analytical results for the surface soil samples collected from within the release area indicate that TPH, BTEX, pH, and EC levels are compliant with COGCC allowable levels within the release area. Based on the soil sample analytical results, no soil excavation is necessary. Kerr-McGee is requesting a NFA status for this site.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/28/2014

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 night operator discovered produced water leaking from a corrosion hole in the temporary produced water tank. Approximately 15 bbls of produced water were released within the containment berm. A vacuum truck was used to remove the remaining produced water from the leaking tank and recover approximately 10 bbls of standing produced water from within the containment berm.

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

Temporary produced water tanks will be inspected for corrosion prior to use.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation)  Offsite Disposal  Onsite Treatment  
 Other (specify) Not applicable

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 Number: \_\_\_\_\_

COGCC Comment:

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

Signed: \_\_\_\_\_ Print Name: Phillip Hamlin  
 Title: Senior HSE Representative Date: 05/28/2014 Email: Phil.Hamlin@anadarko.com

### Attachment Check List

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400615713	FORM 19 SUBMITTED
400615808	ANALYTICAL RESULTS
400615809	ANALYTICAL RESULTS
400615813	TOPOGRAPHIC MAP
400615844	SITE MAP

Total Attach: 5 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>

Total: 0 comment(s)