

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

400908205

Date Received:

10/02/2015

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

443306

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>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) 515-1238</u>
Contact Person: <u>Sam LaRue</u>		Email: <u>Sam.LaRue@anadarko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400905110

Initial Report Date: 09/24/2015 Date of Discovery: 09/24/2015 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 14 TWP 3N RNG 67W MERIDIAN 6

Latitude: 40.230838 Longitude: -104.848619

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

Reference Location:

Facility Type: TANK BATTERY  Facility/Location ID No 330941  
 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? No

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

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

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

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: 80's, Sunny.

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



Sand.

Depth to Groundwater (feet BGS) 6 Number Water Wells within 1/2 mile radius: 26  
If less than 1 mile, distance in feet to nearest Water Well 170 None  Surface Water 1360 None   
Wetlands            None  Springs            None   
Livestock 850 None  Occupied Building 475 None

Additional Spill Details Not Provided Above:

A second groundwater sample (GW02) was subsequently collected from the excavation on September 28, 2015, and submitted for laboratory analysis of BTEX. Analytical results indicated that the benzene concentration in groundwater sample GW02 remained above the applicable regulatory standard. Prior to backfilling the excavation, approximately 165 pounds of activated carbon were introduced to the groundwater table to mitigate aqueous phase hydrocarbon impacts. Soil and groundwater analytical results are summarized in Table 1 and Table 2, respectively. Sample locations are illustrated in Figure 2.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/30/2015

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)

Historical impacts were discovered during the replacement of the produced water sump at the HSR-Ferme Farms-63N67W/14NENE production facility. All associated fittings and equipment were working properly and showed no indication of leaking.

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

The tank battery will be re-built with a geo-synthetic liner and a double-walled fiberglass produced water sump.

Volume of Soil Excavated (cubic yards): 190

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

Volume of Impacted Ground Water Removed (bbls): 260

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: Sam LaRue

Title: Senior HSE Representative Date: 10/02/2015 Email: Sam.LaRue@anadarko.com

### COA Type

### Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400908576	FORM 19 SUBMITTED
400909047	ANALYTICAL RESULTS
400909049	SITE MAP
400909068	TOPOGRAPHIC MAP

Total Attach: 4 Files

## General Comments

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

Total: 0 comment(s)