

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

400970668

Date Received:

01/22/2016

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: <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# 400962248

Initial Report Date: 12/31/2015 Date of Discovery: 12/30/2015 Spill Type: Recent Spill

**Spill/Release Point Location:**

Location of Spill/Release: QTRQTR SWSW SEC 13 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.221656 Longitude: -104.956428

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

**Reference Location:**

Facility Type: TANK BATTERY  Facility/Location ID No 328410  
 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? Yes

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

Estimated Oil Spill Volume(bbl): >=5 and <100 Estimated Condensate Spill Volume(bbl): 0

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: 20 Degrees, 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

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

On December 30, 2015, a release was discovered from a hole at the base of the oil tank at the PSC-63N68W production facility. It is estimated that approximately 10 barrels of oil were released within secondary containment. Site investigation activities are on-going and will be summarized in the forthcoming Supplemental Form 19.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
12/30/2015	County	Roy Rudisill	-Email	
12/30/2015	County	Troy Swain	-Email	
12/30/2015	County	Tom Parko	-Email	
12/30/2015	Landowner	-	-Email	

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 01/13/2016

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>10</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 28 Width of Impact (feet): 25

Depth of Impact (feet BGS): 9 Depth of Impact (inches BGS): 0

How was extent determined?

On December 30, 2015, a release was discovered from a hole at the base of the oil tank at the PSC-63N68W production facility. It is estimated that approximately 10 barrels of oil were released. Excavation activities were guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Approximately 270 cubic yards of impacted material were excavated and transported to the Front Range Regional Landfill in Erie, Colorado for disposal. Five (5) confirmation soil samples were collected from the base and sidewalls of the final extent of the excavation area at approximately 9 feet and 7 feet below ground surface (bgs), respectively. Soil samples were submitted to Origins Laboratory in Denver, Colorado 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 8015C, electrical conductivity (EC), and pH. Analytical results indicated that constituent concentrations in soil samples collected from the base and sidewalls of the final extent of the excavation area were below the applicable COGCC Table 910-1 standards. The soil analytical results are summarized in Table 1 and soil sample locations are illustrated in Figure 2. The excavation area will be backfilled and contoured to match pre-existing conditions. Based on the analytical results, Kerr-McGee is requesting a No Further Action (NFA) determination for this release.

**Soil/Geology Description:**

Sand to sandy clay.

Depth to Groundwater (feet BGS) 15 Number Water Wells within 1/2 mile radius: 0  
 If less than 1 mile, distance in feet to nearest Water Well 3365 None  Surface Water 200 None   
 Wetlands \_\_\_\_\_ None  Springs \_\_\_\_\_ None   
 Livestock \_\_\_\_\_ None  Occupied Building 695 None

Additional Spill Details Not Provided Above:

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/13/2016

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)

On December 30, 2015, an operator discovered a hole in the base of the oil tank. The hole appears to have been caused by a bullet.

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

The above-ground storage tank will be replaced.

Volume of Soil Excavated (cubic yards): 270

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

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 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: 01/22/2016 Email: Sam.LaRue@anadarko.com

COA Type	Description

### Attachment Check List

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
400970681	FORM 19 SUBMITTED
400970682	TOPOGRAPHIC MAP
400976749	ANALYTICAL RESULTS
400976750	SITE MAP

Total Attach: 4 Files

### **General Comments**

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

Total: 0 comment(s)