

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

401057342

Date Received:

06/13/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

445735

## 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# 401049114

Initial Report Date: 05/17/2016 Date of Discovery: 05/16/2016 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 13 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.132330 Longitude: -104.842264

Municipality (if within municipal boundaries): County: WELD

#### Reference Location:

Facility Type: FLOWLINE ☐ 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? No

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

Estimated Oil Spill Volume(bbl): >0 and <1

Estimated Condensate Spill Volume(bbl): >0 and <1

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >0 and <1

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Approximately 1 barrel of oil, condensate, and produced water were released.

#### Land Use:

Current Land Use: CROP LAND Other(Specify):

Weather Condition: Cloudy with Rain, 40 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 routine operations at the Kerr 29C-12HZ well, a flowline failure was discovered. Approximately 1 barrel of oil surfaced above the flowline approximately 150 feet west of the wellhead. Excavation and cleanup activities are ongoing at the site. Confirmation soil samples will be collected from the excavation and submitted for laboratory analysis of TPH, BTEX, pH, EC, and SAR (if applicable). 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
5/17/2016	Weld County	Troy Swain	-	Notified via Email
5/17/2016	Weld County	Roy Rudisill	-	Notified via Email
5/17/2016	Weld County	Tom Parko	-	Notified via Email
5/16/2016	Landowner	Landowner	-	Notified via Phone

SPILL/RELEASE DETAIL REPORTS

#1      Supplemental Report Date:      06/13/2016

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	1	1	<input type="checkbox"/>
CONDENSATE	1	1	<input type="checkbox"/>
PRODUCED WATER	1	1	<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:    A total of approximately 1 barrel of oil, condensate, and produced water were released.

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):    56    Width of Impact (feet):    30

Depth of Impact (feet BGS):    15    Depth of Impact (inches BGS):   

How was extent determined?

Between March 23 and 26, 2016, six sidewall soil samples (N01@12', N02@12', E01@12', S01@12', S02@12', and W01@12') and two base soil samples (B01@15' and B02@13.5') were collected from the excavation and submitted for laboratory analysis of TPH, BTEX, pH, and EC. Laboratory analytical results indicated that TPH, BTEX, pH, and EC levels were in compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. Approximately 670 cubic yards of impacted soil were excavated and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado, for disposal. The general site layout, release location, excavation dimensions, and soil sample locations are depicted on the Excavation Site Map provided as Figure 2. The soil sample analytical results are summarized in Table 1 and the laboratory analytical report is attached.

Soil/Geology Description:

Poorly graded fine-grained sand (SP)

Depth to Groundwater (feet BGS)    20    Number Water Wells within 1/2 mile radius:    26

If less than 1 mile, distance in feet to nearest    Water Well    450    None    ☐    Surface Water    650    None    ☐

Wetlands    650    None    ☐    Springs       None    ☒

Livestock 3250 None ☐Occupied Building 800 None ☐

Additional Spill Details Not Provided Above:

No further action is required. Laboratory analytical results for the confirmation soil samples indicate that TPH, BTEX, pH, and EC levels are in compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. Based on the confirmation soil sample analytical results, Kerr-McGee is requesting an NFA status for this site.

## CORRECTIVE ACTIONS

#1	Supplemental Report Date:	06/13/2016		
Cause of Spill (Check all that apply)		<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
		<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)				
<div>During routine operations at the Kerr 29C-12HZ well, a flowline failure was discovered. Approximately 1 barrel of fluid surfaced above the flowline approximately 150 feet west of the wellhead. The impacted soil was excavated.</div>				
Describe measures taken to prevent the problem(s) from reoccurring:				
<div>The affected flowline will be replaced in its entirety.</div>				
Volume of Soil Excavated (cubic yards):		<u>670</u>		
Disposition of Excavated Soil (attach documentation)		<input checked="" type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment	
		<input type="checkbox"/> Other (specify) _____		
Volume of Impacted Ground Water Removed (bbls):		<u>0</u>		
Volume of Impacted Surface Water Removed (bbls):		<u>0</u>		

## 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:

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

Signed: \_\_\_\_\_ Print Name: Sam LaRueTitle: Sr. HSE Representative Date: 06/13/2016 Email: Sam.LaRue@Anadarko.com

## COA Type

## Description

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## Attachment Check List

Att Doc Num	Name
401057348	TOPOGRAPHIC MAP
401057349	OTHER
401057386	ANALYTICAL RESULTS
401061311	SITE MAP

Total Attach: 4 Files

**General Comments**

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

Total: 0 comment(s)