

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400992200

Date Received:

03/08/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

444512

## 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> Phone: (970) 336-3500 Mobile: (970) 515-1238 Email: Sam.LaRue@Anadarko.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Sam LaRue		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400967840

Initial Report Date: 01/11/2016 Date of Discovery: 01/08/2016 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWNE SEC 24 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.128683 Longitude: -104.835384

Municipality (if within municipal boundaries): County: WELD

#### Reference Location:

Facility Type: WELL ☐ Facility/Location ID No ☐  
☐ No Existing Facility or Location ID No.  
☒ Well API No. (Only if the reference facility is well) 05-123-39172

#### 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? 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): >=5 and <100

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=5 and <100

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

#### Land Use:

Current Land Use: OTHER Other(Specify): Well Pad

Weather Condition: Cloudy; Light Snow; 25 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):

A release occurred at the Gee 15C-25HZ well head during workover operations. Oil, condensate, and produced water released from the well head and misted onto the ground surface, two isolated gravel quarry ponds, and a wetland fringe area along a dry drainage. The volume of the release is still being investigated. Excavation and cleanup activities are ongoing at the site. Confirmation soil samples will be collected from the excavation and will be submitted for laboratory analysis of TPH, BTEX, pH, EC, and SAR (if applicable). Surface water samples will be collected from the two ponds for laboratory analysis of BTEX. The analytical results and excavation details will be provided in a supplemental report. A topographic Site Location Map of the general release area is provided as Figure 1.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
1/8/2016	Weld County	Roy Rudisill	-	Notified via Email
1/8/2016	Weld County	Troy Swain	-	Notified via Email
1/8/2016	Weld County	Tom Parko	-	Notified via Email
1/8/2016	Landowner	Landowner	-	Notified via Phone
1/8/2016	Landowner	Landowner	-	Notified in Person
1/8/2016	CDPHE		-	Notified via Voicemail
1/8/2016	NRC		-	Notified via Phone

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 03/08/2016		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	40		<input checked="" type="checkbox"/>
CONDENSATE	10		<input checked="" type="checkbox"/>
PRODUCED WATER	10		<input checked="" 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 60 barrels of oil, condensate, and produced water were released.			
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
Secondary containment, <b>including walls &amp; floor regardless of construction material</b> , must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.			
<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 checked="" type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): 750		Width of Impact (feet): 250	
Depth of Impact (feet BGS):		Depth of Impact (inches BGS): 4	
How was extent determined?			
Please refer to Attachment 1.			
Soil/Geology Description:			
Sand and Gravel; Road Base			
Depth to Groundwater (feet BGS) 8		Number Water Wells within 1/2 mile radius: 38	

If less than 1 mile, distance in feet to nearest	Water Well	880	None	<input type="checkbox"/>	Surface Water	370	None	<input type="checkbox"/>
	Wetlands	680	None	<input type="checkbox"/>	Springs		None	<input checked="" type="checkbox"/>
	Livestock	1550	None	<input type="checkbox"/>	Occupied Building	1000	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

No further action is required. Laboratory analytical results for the confirmation soil samples indicated that TPH, BTEX, pH, and EC levels are in compliance with COGCC Table 910-1 allowable levels at the extent of the spray release affected areas. In addition, laboratory analytical results for the surface water samples indicated BTEX concentrations were less than the laboratory reporting limit in all the surface water samples collected. Based on the confirmation soil and surface water sample analytical results, Kerr-McGee is requesting an NFA status for this site.

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/08/2016

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)

A release occurred at the Gee 15C-25HZ wellhead due to improper placement of equipment during workover rig operations. Approximately 60 barrels of oil, condensate, and produced water released from the wellhead and misted over an area that included two connected gravel quarry ponds.

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

The affected equipment will be upgraded and a new process will be implemented to prevent improper equipment placement.

Volume of Soil Excavated (cubic yards): 510

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: Sr. HSE Representative Date: 03/08/2016 Email: Sam.LaRue@Anadarko.com

## COA Type

## Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400992258	TOPOGRAPHIC MAP
400992262	OTHER
400992269	ANALYTICAL RESULTS
400992907	ANALYTICAL RESULTS
400995211	SITE MAP
401001265	OTHER
401001423	SITE MAP

Total Attach: 7 Files

**General Comments**

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

Total: 0 comment(s)