

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400990229

Date Received:

02/18/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

444785

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	Phone Numbers 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# 400986470

Initial Report Date: 02/10/2016 Date of Discovery: 02/09/2016 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 12 TWP 2N RNG 66W MERIDIAN 6

Latitude: 40.148690 Longitude: -104.732188

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: TANK BATTERY ☐ 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): Unknown

Estimated Condensate Spill Volume(bbl): 0

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: NON-CROP LAND

Other(Specify):

Weather Condition: 40'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

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

On February 9, 2016, hydrocarbon impacts were discovered during construction activities at the Highway-62N66W12NWSW production facility. Excavation activities are on-going and are being guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Approximately 400 cubic yards of impacted material have been excavated and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. Confirmation soil samples will be collected from the final extent of the excavation area. Site investigation and excavation activities will be summarized in a subsequent Supplemental Form 19.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
2/9/2016	County	Roy Rudisill	--Email	
2/9/2016	County	Troy Swain	--Email	
2/9/2016	County	Tom Parko	--Email	
2/9/2016	Private	Land Owner	--Phone	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 02/17/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER			<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: _____			
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <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): 64		Width of Impact (feet): 56	
Depth of Impact (feet BGS): 9		Depth of Impact (inches BGS): 0	
How was extent determined?			
On February 9, 2016, hydrocarbon impacts were discovered during construction activities at the Highway-62N66W12NWSW production facility. Excavation activities are on-going and being guided in the field by screening soil for volatile organic compound (VOC) concentrations using a photoionization detector (PID). Approximately 550 cubic yards of impacted material have been excavated and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. Confirmation soil samples will be collected from the final extent of the excavation area. Site investigation and excavation activities will be summarized in a subsequent Supplemental Form 19.			
Soil/Geology Description:			
Silty clay to clay.			
Depth to Groundwater (feet BGS) 10		Number Water Wells within 1/2 mile radius: 18	
If less than 1 mile, distance in feet to nearest		Water Well 390	None <input type="checkbox"/>
		Wetlands	None <input checked="" type="checkbox"/>
		Livestock 500	None <input type="checkbox"/>
		Surface Water 320	None <input type="checkbox"/>
		Springs	None <input checked="" type="checkbox"/>
		Occupied Building 535	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/17/2016

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)

The initial release appears to be related to a failure associated with a partially buried produced water vessel. During construction and remediation activities, additional historical hydrocarbons impacts were discovered.

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

The tank battery will be rebuilt with a geosynthetic liner, and a double walled fiberglass sump.

Volume of Soil Excavated (cubic yards): 550

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: 02/18/2016 Email: Sam.LaRue@anadarko.com

COA Type

Description

Attachment Check List

Att Doc Num

Name

400990263	TOPOGRAPHIC MAP
400990264	FORM 19 SUBMITTED

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)