

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:

401532821

Date Received:

02/06/2018

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

453550

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC Rule 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. 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: (720) 929-6368 Mobile: (785) 691-7788 Email: Mike.Dinkel@anadarko.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Mike Dinkel		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401494926

Initial Report Date: 12/22/2017 Date of Discovery: 12/21/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENW SEC 3 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.259369 Longitude: -104.765932

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) 05-123-15286

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): 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): >=1 and <5

Specify:

Land Use:

Current Land Use: CROP LAND Other(Specify):

Weather Condition: Cloudy, ~30 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):

On December 21, 2017, a release occurred at the Clifford L 3-3 wellhead. While tripping pipe into the well during workover operations, trapped pressure was temporarily relieved and approximately 3 barrels of water-based drilling fluid were released to the ground around the wellhead, outside of secondary containment. Spill recovery and site assessment activities are ongoing and will be summarized in a forthcoming Supplemental Form 19 Spill/Release Report. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/22/2017	County	Troy Swain	-email	
12/22/2017	County	Tom Parko	-email	
12/22/2017	County	Roy Rudisill	-email	
12/22/2017	Private	Landowner	-phone	

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 02/05/2018			
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	0	0	<input type="checkbox"/>	
PRODUCED WATER	0	0	<input type="checkbox"/>	
DRILLING FLUID	3	1	<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? 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): 20 Width of Impact (feet): 20

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

How was extent determined?

On December 21, 2017, a release of approximately 3 barrels of water-based drilling fluid occurred at the Clifford L 3-3 wellhead. Approximately 1 barrel of water-based drilling fluid was recovered via vacuum truck and transported to the Kerr-McGee Aggregate Recycling Facility in Weld County, Colorado, and approximately 30 cubic yards of impacted material were removed from the surface of the impacted area and transported to the Front Range Regional Landfill in Erie, Colorado. One (1) confirmation soil sample (SS01@3") was collected from the base of the surface excavation area at approximately 3 inches below ground surface (bgs). The soil sample was submitted to Origins Laboratory 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 8015, electrical conductivity (EC), and pH. Soil analytical results indicated that constituent concentrations in soil sample SS01@3" were in full compliance with State standards. Based on the analytical data provided herein, Kerr-McGee is requesting a No Further Action (NFA) determination for this release. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. The soil sample location is illustrated on Figure 2. Soil analytical results are summarized in Table 1 and the laboratory analytical report is provided as Attachment A.

Soil/Geology Description:

Silt and top soil.

Number Water Wells within 1/2 mile radius: 10

If less than 1 mile, distance in feet to nearest

Water Well	1100	None	<input type="checkbox"/>
------------	------	------	--------------------------

Surface Water	510	None	<input type="checkbox"/>
---------------	-----	------	--------------------------

Wetlands ☐ None ☒Sprockets ☐ None ☒

Livestock	860	None	<input type="checkbox"/>
-----------	-----	------	--------------------------

Occupied Building 1125 None

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/01/2018

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)

While tripping pipe into the well during workover operations, trapped pressure was temporarily relieved, releasing water-based drilling fluid around the wellhead.

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

The crew shut the annular bag and stabbed the TIW valve to stop the release.

Volume of Soil Excavated (cubic yards): 30

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment

☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls):

Volume of Impacted Surface Water Removed (bbls):

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:

Based on the analytical data provided herein, Kerr-McGee is requesting a No Further Action (NFA) determination for this release.

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

Signed: _____ Print Name: Mike Dinkel

Title: Staff HSE Representative Date: 02/06/2018 Email: Mike.Dinkel@anadarko.com

COA Type**Description**

	Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or further remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.
--	---

Attachment Check List**Att Doc Num****Name**

401532821	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401532976	TOPOGRAPHIC MAP
401532982	ANALYTICAL RESULTS
401532983	ANALYTICAL RESULTS
401532986	OTHER
401535659	SITE MAP
401537955	FORM 19 SUBMITTED

Total Attach: 7 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
--	--	------------------------

Total: 0 comment(s)