

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:

401674033

Date Received:

06/19/2018

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

455238

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
Address: P O BOX 173779		Phone: (970) 336-3500
City: DENVER	State: CO	Mobile: (970) 515-1353
Zip: 80217-3779		Email: Taylor.Rowley@anadarko.com
Contact Person: Taylor Rowley		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401652320

Initial Report Date: 05/24/2018 Date of Discovery: 05/23/2018 Spill Type: Recent Spill

Spill/Release Point Location:

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

Latitude: 40.231903 Longitude: -104.948804

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: WELL

☐ Facility/Location ID No

Spill/Release Point Name:

☐ No Existing Facility or Location ID No.

Number:

☒ Well API No. (Only if the reference facility is well) 05-123-31697

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: NON-CROP LAND

Other(Specify):

Weather Condition: Sunny ~ 70 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 May 23, 2018, approximately 2 barrels of water-based drilling fluid were released outside of containment at the Kerbs T 13-02 wellhead. The release occurred due to trapped pressure being temporarily relieved while tripping pipe out of the well during workover operations. Approximately 2 barrels of released fluids were recovered via vacuum truck. 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
5/24/2018	County	Troy Swain	-email	
5/24/2018	County	Roy Rudisill	-email	
5/24/2018	County	Tom Parko	-email	
5/24/2018	Private	Landowner	-phone	

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 06/14/2018		
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	2	2	<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): 14 Width of Impact (feet): 12

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

How was extent determined?

On May 23, 2018, approximately 2 barrels of water-based drilling fluid were released outside of containment at the Kerbs T 13-02 wellhead. Approximately 2 barrels of released fluids were recovered via vacuum truck and transported to the Kerr-McGee Aggregate Recycling Facility in Weld County, Colorado, and approximately 20 cubic yards of impacted soil were removed and transported to the Front Range Landfill in Erie, Colorado. One (1) four-point composite confirmation soil sample (CS01@4-6") was collected from the final extent of the surface excavation area at approximately 4 to 6 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 the confirmation soil sample collected from final extent of the surface excavation area 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. Soil sample locations are 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:

Silty sand

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

Water Well 850 None ☐

Surface Water 1785 None ☐

Wetlands 2080 None ☐

Springs None ☒

Livestock 1020 None ☐

Occupied Building 520 None ☐

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/14/2018

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)

Water-based drilling fluid was released outside of containment due to trapped fluid being temporarily relieved while tripping pipe out of the well during workover operations.

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

Stop work was initiated and proper pipe tripping procedures were reviewed.

Volume of Soil Excavated (cubic yards): 20

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: Taylor Rowley

Title: Senior HSE Representative Date: 06/19/2018 Email: Taylor.Rowley@anadarko.com

Condition of Approval

COA Type

Description

0 COA

Attachment List

Att Doc Num

Name

401674033	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401674114	TOPOGRAPHIC MAP
401674118	ANALYTICAL RESULTS
401674121	ANALYTICAL RESULTS
401674127	OTHER
401674862	SITE MAP
401680335	FORM 19 SUBMITTED

Total Attach: 7 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)