

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402079477

Date Received:

06/20/2019

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

464647

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: <u>KERR MCGEE OIL & GAS ONSHORE LP</u>	Operator No: <u>47120</u>	Phone Numbers
Address: <u>P O BOX 173779</u>		Phone: <u>(970) 336-3500</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>		Mobile: <u>(970) 515-1353</u>
Contact Person: <u>Taylor Rowley</u>		Email: <u>Taylor.Rowley@anadar ko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402055245

Initial Report Date: 05/24/2019 Date of Discovery: 05/24/2019 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 34 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.181290 Longitude: -104.768912

Municipality (if within municipal boundaries): _____ County: WELD

Reference Location:

Facility Type: CENTRALIZED EP WASTE MGMT FAC 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- -

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: Sunny, ~ 65 degrees F.

Surface Owner: OTHER (SPECIFY) Other(Specify): Kerr-McGee Oil & Gas Onshore LP

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 24, 2019, approximately 1 barrel of oil-based drilling mud (OBM) was released onto the ground surface by an unauthorized party at the Kerr-McGee Drilling Fluid Management Facility #1. Recovery 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
5/24/2019	County	Jason Maxey	-email	
5/24/2019	County	Roy Rudisill	-email	
5/24/2019	Landowner	KMG O&G	-on-site	

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:			
	06/20/2019			
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	1	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? 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): 198 Width of Impact (feet): 17

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): 0

How was extent determined?

On May 24, 2019, approximately 1 barrel of oil-based drilling mud (OBM) was released onto the ground surface by an unknown third-party at the Kerr-McGee Drilling Fluid Management Facility #1. Approximately 32.5 cubic yards of impacted material were removed from the surface release area via hydro-excavation and surface scraping activities, and transported to the Kerr-McGee Aggregate Recycle Facility in Weld County, Colorado and the Front Range Landfill in Erie, Colorado. Eight (8) confirmation soil samples were collected from the final extent of the surface excavation area at depths ranging from 6 inches to 1 foot below ground surface (bgs). The soil samples were 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, and TPH - diesel and oil range organics (DRO and ORO) by USEPA Method 8015. Laboratory analytical results indicated that the constituent concentrations in the soil samples collected from the final extent of the surface excavation area were in full compliance with the COGCC 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 reports are provided as Attachment A.

Soil/Geology Description:

Vona loamy sand

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 6

If less than 1 mile, distance in feet to nearest

Water Well 1475 None

Surface Water 660 None

Wetlands _____ None

Springs _____ None

Livestock 1980 None

Occupied Building 2010 None

Additional Spill Details Not Provided Above:

Empty box for additional spill details.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/20/2019

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)

An unknown third-party dumped approximately 1 barrel of OBM at the Kerr-McGee Drilling Fluid Management Facility #1, resulting in the release of this material onto the ground surface.

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

Increased signage stating facility closure has been posted. In addition, site access has been altered to prevent future unauthorized access.

Volume of Soil Excavated (cubic yards): 32

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:

Kerr-McGee is requesting an 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: 06/20/2019 Email: Taylor.Rowley@anadarko.com

COA Type

Description

Empty table for COA Type and Description.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402079775	ANALYTICAL RESULTS
402079776	ANALYTICAL RESULTS
402079777	TOPOGRAPHIC MAP
402079778	OTHER
402081507	SITE MAP

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)