

State of Colorado  
Oil and Gas Conservation Commission

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401694370  
Date Received:  
07/12/2018

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.

Spill report taken by:  
GINTAUTAS, PETER  
Spill/Release Point ID:  
454890

OPERATOR INFORMATION

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401628634

Initial Report Date: 05/03/2018 Date of Discovery: 05/01/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 29 TWP 2N RNG 66W MERIDIAN 6  
Latitude: 40.107785 Longitude: -104.793988  
Municipality (if within municipal boundaries): Fort Lupton 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) 05-123-19856

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 ~ 60 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 1, 2018, greater than 1 barrel of water-based drilling fluid was released outside of containment at the Ale Partnership Federal W29-9Jl wellhead. The release occurred due to trapped fluid encountered inside cementing equipment lines while rigging down. Approximately 1 barrel of released fluids have been 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
5/2/2018	County	Troy Swain	-email	
5/2/2018	County	Roy Rudisill	-email	
5/2/2018	County	Tom Parko	-email	
5/2/2018	Town of Ft. Lupton	T. Hodges	-email	
5/2/2018	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: 07/10/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>2</u>	<u>1</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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): 12 Width of Impact (feet): 12

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

On May 1, 2018, approximately 2 barrels of water-based drilling fluid were released outside of containment at the Ale Partnership Federal W29-9Jl wellhead during abandonment activities. Approximately 1 barrel of released fluid was recovered via vacuum truck and transported to the Kerr-McGee Aggregate Recycling Facility in Weld County, Colorado for disposal. In addition, approximately 28 cubic yards of impacted material were removed via surface scraping and transported to the Front Range Regional Landfill in Erie, Colorado. One soil sample (SS01@2-3") was collected from the surface excavation area at approximately 2 to 3 inches below ground surface (bgs) and submitted to Origins Laboratory for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbon (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 sample SS01@2-3" were in full compliance with State standards, except for pH. As a result, additional surface scraping activities were conducted, and a second soil sample (SS02@3-6") was collected from the final extent of the surface excavation area at approximately 3 to 6 inches bgs. Sample SS02@3-6" was submitted to Origins Laboratory for analysis of pH; analytical results indicated that the pH value was 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, and soil analytical results are summarized in Table 1. The laboratory analytical reports are provided as Attachment A.

Soil/Geology Description:

Road base

Depth to Groundwater (feet BGS) 15 Number Water Wells within 1/2 mile radius: 12  
 If less than 1 mile, distance in feet to nearest Water Well 80 None  Surface Water 1340 None   
 Wetlands            None  Springs            None   
 Livestock 1840 None  Occupied Building 2015 None

Additional Spill Details Not Provided Above:

**CORRECTIVE ACTIONS**

#1 Supplemental Report Date: 07/10/2018

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 encountered inside cementing equipment lines while rigging down.

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

Stop work was initiated and proper rig down procedures were reviewed.

Volume of Soil Excavated (cubic yards): 28

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:

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: 07/12/2018 Email: Taylor.Rowley@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
401694370	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401697916	TOPOGRAPHIC MAP
401697920	SITE MAP
401697922	ANALYTICAL RESULTS
401697923	ANALYTICAL RESULTS
401697925	OTHER
401701351	FORM 19 SUBMITTED

Total Attach: 7 Files

### General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)