

# 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:

401571282

Date Received:

03/26/2018

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

453351

## 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 &amp; GAS ONSHORE LP

Operator No: 47120

Address: P O BOX 173779

City: DENVER

State: CO

Zip: 80217-3779

Contact Person: Mike Dinkel

#### Phone Numbers

Phone: (720) 929-6368

Mobile: (785) 691-7788

Email: Mike.Dinkel@anadarko.com

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401479300

Initial Report Date: 12/07/2017

Date of Discovery: 12/04/2017

Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 9 TWP 1N RNG 65W MERIDIAN 6

Latitude: 40.059612 Longitude: -104.662723

Municipality (if within municipal boundaries): County: WELD

#### Reference Location:

Facility Type: WELL PAD

☒ Facility/Location ID No 441273☐ 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): 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&amp;P Waste Spill Volume(bbl): Unknown

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Unknown hydrocarbons

#### Land Use:

Current Land Use: NON-CROP LAND

Other(Specify):

Weather Condition: Partly cloudy ~ 33 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 4, 2017, an unknown volume of an unknown hydrocarbon fluid was released by a contractor onto County Road 43, Highway 52, and Interstate 76 in Weld County, Colorado, during transport and appears to have originated at the Robin 9-15HZ pad. Clean-up activities have been initiated and the cause of the release is under investigation. Additional information will be provided 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:

## SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	03/12/2018	
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	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE			<input checked="" type="checkbox"/>

specify: Unknown hydrocarbon fluid

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): 7910 Width of Impact (feet): 1300

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 4

How was extent determined?

On December 4, 2017, an unknown volume of an unknown hydrocarbon fluid was released by a contractor onto the Robin 9-15HZ pad, County Road 10, and County Road 43 in Weld County, Colorado, during transport and appears to have originated at the Robin 9-15HZ pad. Approximately 100 cubic yards of impacted material were removed from the release areas via surface scraping and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado. Thirty-eight (38) confirmation soil samples were collected from the base of the final extent of the surface scrape areas at depths ranging from approximately 0 inches to 4 inches 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, 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 soil samples collected from the base of the final extent of the surface scrape areas were in full compliance with State standards. On December 5, 2017, puddled surface water was encountered in the ditch along County Road 10. A surface water sample (GW01) was collected and submitted to Origins Laboratory for analysis of BTEX, TPH - GRO by USEPA Method 8260C, TPH - DRO and ORO by USEPA Method 8015. Analytical results indicated that constituent concentrations in sample GW01 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.

Soil/Geology Description:

Road base

Depth to Groundwater (feet BGS) 175 Number Water Wells within 1/2 mile radius: 18

If less than 1 mile, distance in feet to nearest	Water Well <u>395</u>	None <input type="checkbox"/>	Surface Water <u>875</u>	None <input type="checkbox"/>
	Wetlands <u></u>	None <input checked="" type="checkbox"/>	Springs <u></u>	None <input checked="" type="checkbox"/>
	Livestock <u>910</u>	None <input type="checkbox"/>	Occupied Building <u>600</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Soil and surface water sample locations are illustrated on Figure 2 and Figure 3. The surface scraping areas are illustrated on Figure 4. Soil analytical results are summarized in Table 1 and surface water analytical results are summarized in Table 2. The laboratory analytical reports are provided as Attachment A.

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 03/12/2018
Cause of Spill (Check all that apply) <input type="checkbox"/> Human Error <input type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown <input checked="" type="checkbox"/> Other (specify) Under investigation.	
Describe Incident & Root Cause (include specific equipment and point of failure) An unknown volume of an unknown hydrocarbon fluid was released by a contractor during transport. The root cause of the release is under investigation.	
Describe measures taken to prevent the problem(s) from reoccurring: The root cause of the release is under investigation.	
Volume of Soil Excavated (cubic yards): 100	
Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment <input type="checkbox"/> 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: 03/26/2018 Email: Mike.Dinkel@anadarko.com

## COA Type

## Description

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## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401572721	TOPOGRAPHIC MAP
401572851	ANALYTICAL RESULTS
401572857	ANALYTICAL RESULTS
401574701	SITE MAP
401574711	SITE MAP
401577572	ANALYTICAL RESULTS
401581449	SITE MAP

Total Attach: 7 Files

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

Total: 0 comment(s)