

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401706363

Date Received:

07/19/2018

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

455941

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 &amp; GAS ONSHORE LP</u>	Operator No: <u>47120</u>	<b>Phone Numbers</b>
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) 515-1698</u>
Contact Person: <u>Gregory Hamilton</u>		Email: <u>Gregory.Hamilton@ana-darko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401699123

Initial Report Date: 07/11/2018 Date of Discovery: 07/09/2018 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESE SEC 30 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.107888 Longitude: -104.925626

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

Reference Location:

Facility Type: TANK BATTERY  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): <u>Unknown</u>	Estimated Condensate Spill Volume(bbl): <u>Unknown</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: \_\_\_\_\_

Land Use:

Current Land Use: CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: Sunny, ~ 95 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):

Historical impacts were discovered during abandonment activities at the Rocky Mountain Fuel CO E1/Frederick 15-30/Frederick 16-30/Russel Tom C True 1 production facility. The release became State reportable on July 9, 2018, due to the quantity of impacted soil excavated. Soil excavation 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
7/9/2018	County	Tom Parko	-email	
7/9/2018	County	Roy Rudisill	-email	
7/9/2018	Town of Frederick	J. Simmons	-email	
7/9/2018	Private	Landowner	-email	

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: 07/18/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	<input checked="" type="checkbox"/>
CONDENSATE	_____	_____	<input checked="" type="checkbox"/>
PRODUCED WATER	_____	_____	<input checked="" type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</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): 85 Width of Impact (feet): 45

Depth of Impact (feet BGS): 11 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Historical impacts were discovered during abandonment activities at the Rocky Mountain Fuel CO E1/Frederick 15-30/Frederick 16-30/Russel Tom C True 1 production facility. Approximately 600 cubic yards of impacted material were removed and transported to the Front Range Landfill in Erie, Colorado. Sixteen (16) confirmation soil samples were collected from the sidewalls and base of the final extent of the excavation area at depths ranging from approximately 5 feet to 11 feet 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. Laboratory analytical results indicated that constituent concentrations in the soil samples collected from the final extent of the excavation area were in full compliance with State standards. 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. A Form 27-Initial Site Investigation and Remediation Workplan - Produced Water Vessel Closure Report will be prepared for this release.

Soil/Geology Description:

Clayey sand

Depth to Groundwater (feet BGS) 164

Number Water Wells within 1/2 mile radius: 7

If less than 1 mile, distance in feet to nearest

Water Well 1350 None

Surface Water 1620 None

Wetlands None

Springs None

Livestock 1500 None

Occupied Building 615 None

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/18/2018

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)

Historical impacts were discovered beneath the partially-buried produced water sump during abandonment activities.

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

Site infrastructure has been removed and will not be replaced.

Volume of Soil Excavated (cubic yards): 600

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:

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

Signed: Gregory Hamilton Print Name: Gregory Hamilton

Title: Sr. Staff HSE Rep Date: 07/19/2018 Email: Gregory.Hamilton@anadarko.com

COA Type

Description

Table with 2 columns: COA Type, Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401706474	SITE MAP
401706499	ANALYTICAL RESULTS
401706512	OTHER
401706524	TOPOGRAPHIC MAP
401706543	ANALYTICAL RESULTS

Total Attach: 5 Files

## General Comments

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

Total: 0 comment(s)