

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:

401331818

Date Received:

07/07/2017

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

451302

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>()</u>
Contact Person: <u>Paul Schwarz</u>		Email: <u>Paul.Schwarz@anadarko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401327374

Initial Report Date: 06/29/2017 Date of Discovery: 06/28/2017 Spill Type: Historical Release

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNW SEC 18 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.140370 Longitude: -104.940070

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

Reference Location:

Facility Type: WELL Facility/Location ID No _____

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): Unknown Estimated Condensate Spill Volume(bbl): Unknown

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): Unknown

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____

Weather Condition: Sunny, 80°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):

During abandonment activities at the Kugel V 18-5 well, soil with historical petroleum hydrocarbon impacts was encountered around the wellhead. The volume of the release is unknown. Based on the volume of impacted soil excavated, the release was reported to the COGCC on June 28, 2017. The excavation details and analytical results will be summarized in a supplemental 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
6/28/2017	Weld County	Roy Rudisill	-	Notified via Email
6/28/2017	Weld County	Tom Parko	-	Notified via Email
6/28/2017	Weld County	Troy Swain	-	Notified via Email
6/28/2017	City of Firestone / Landowner	Tracy Case	-	Notified via Email

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 07/07/2017

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): 47 Width of Impact (feet): 44

Depth of Impact (feet BGS): 20 Depth of Impact (inches BGS): _____

How was extent determined?

Between June 19 and July 6, 2017, 17 soil samples were collected from the excavation and submitted for laboratory analysis of TPH, BTEX, pH, and EC. Laboratory analytical results indicated that BTEX, TPH, and EC concentrations were in compliance with COGCC Table 910-1 allowable levels at the extent of the excavation. Laboratory analytical results indicated 10 soil samples exceeded the COGCC Table 910-1 allowable limit for pH of 9.00 standard units (su) at levels ranging from 9.02 su to 9.42 su. However, these samples were collected below the root zone (greater than 3 feet below ground surface); therefore, no additional excavation is necessary. Approximately 1,630 cubic yards of impacted soil were excavated and transported to the Front Range Landfill in Erie, Colorado, for disposal. The general site layout, excavation dimensions, and excavation soil sample locations are depicted on the Excavation Site Map provided as Figure 2. The excavation soil sample analytical results are summarized in Table 1, and the laboratory analytical reports are attached.

Soil/Geology Description:

Fine to medium grained sand (SM) and clay (CL).

Depth to Groundwater (feet BGS) 25 Number Water Wells within 1/2 mile radius: 25

If less than 1 mile, distance in feet to nearest Water Well 710 None Surface Water 1020 None

Wetlands _____ None Springs _____ None
Livestock _____ 920 None Occupied Building _____ 680 None

Additional Spill Details Not Provided Above:

No further action is required. Laboratory analytical results for the soil samples indicate that BTEX, TPH, and EC concentrations are compliant with COGCC Table 910-1 allowable levels at the extent of the excavation. Laboratory analytical results indicate that pH exceeded COGCC allowable levels in 10 soil samples. However, these samples were collected below the root zone (greater than 3 feet below ground surface); therefore, no additional excavation is necessary. Groundwater was not encountered in the excavation. Based on the excavation soil sample analytical results, Kerr-McGee is requesting a No Further Action status for this site.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/07/2017

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)

During abandonment activities at the Kugel V 18-5 well, soil with historical petroleum hydrocarbon impacts was encountered around the wellhead. The volume of the release is unknown.

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

The well was abandoned and the site will be restored to pre-release grade.

Volume of Soil Excavated (cubic yards): 1630

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:

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

Signed: _____ Print Name: Paul Schwarz

Title: HSE Representative Date: 07/07/2017 Email: Paul.Schwarz@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

<u>Att Doc Num</u>	<u>Name</u>
401331818	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401331824	TOPOGRAPHIC MAP
401331831	OTHER
401334210	ANALYTICAL RESULTS
401334881	SITE MAP
401335206	FORM 19 SUBMITTED

Total Attach: 6 Files

General Comments

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

Total: 0 comment(s)