

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401591531

Date Received:

04/11/2018

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

454236

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>(720) 929-6368</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>		Mobile: <u>()</u>
Contact Person: <u>Mike Dinkel</u>		Email: <u>mike.dinkel@anadarko.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401553244

Initial Report Date: 02/22/2018 Date of Discovery: 02/22/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENE SEC 11 TWP 1N RNG 67W MERIDIAN 6

Latitude: 40.066338 Longitude: -104.849895

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

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 448838

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? Yes

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): >=5 and <100

Specify: _____

Land Use:

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

Weather Condition: Partly Sunny, ~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 February 22, 2018, a release was discovered at the Leinweber Fed 5N-8HZ well pad. An unknown party illegally released what appears to be used oil-based drilling fluid on the pad. The Weld County Sheriff Department was notified and is conducting an investigation. Spill recovery and 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
2/22/2018	County	Troy Swain	-	
2/22/2018	County	Tom Parko	-	
2/22/2018	County	Roy Rudisill	-	
2/22/2018	Private	Landowner	-	
2/22/2018	COGCC	Chris Canfield	-	
2/22/2018	County	Weld County Sheriff	-	

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 03/29/2018

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	100	100	<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? YES 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): 150 Width of Impact (feet): 125

Depth of Impact (feet BGS): 7 Depth of Impact (inches BGS): _____

How was extent determined?

On February 22, 2018, a release was discovered at the Leinweber Fed 5N-8HZ well pad. An unknown party illegally released what appears to be used oil-based drilling fluid on the pad. Approximately 100 barrels of oil-based drilling fluid were removed via vacuum truck and transported to the Kerr-McGee Aggregate Recycling Facility in Weld County. Approximately 1,150 cubic yards of impacted soil were removed and transported to the Front Range Landfill in Erie. Twenty-two (22) confirmation soil samples were collected from the base and extents of the excavation ranging from the pad surface to approximately 7 feet below ground surface. The soil samples were submitted to Origins Laboratory for analysis of 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 the constituent concentrations in soil samples collected from the final extent of the excavation area were below the applicable COGCC Table 910-1 standards. Based on the analytical data provided herein, Kerr-McGee is requesting a No Further Action (NFA) determination for this release. Soil sample locations are illustrated on Figure 2. Soil analytical results are summarized in Table 1 and the laboratory analytical reports are provided as an attachment.

Soil/Geology Description:

Sand and road base, sand/clay mixture

Depth to Groundwater (feet BGS) 30

Number Water Wells within 1/2 mile radius: 19

If less than 1 mile, distance in feet to nearest

Water Well 353 None

Surface Water 669 None

Wetlands 1003 None

Springs _____ None

Livestock _____ None

Occupied Building 436 None

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/29/2018

Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown

Other (specify) Illegal release

Describe Incident & Root Cause (include specific equipment and point of failure)

An unknown party illegally released what appears to be used oil-based drilling fluid on the pad.

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

Kerr-McGee is working with the Weld County Sheriff Department and has implemented additional security measures in the area.

Volume of Soil Excavated (cubic yards): 1150

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: Mike Dinkel

Title: Staff HSE Representative Date: 04/11/2018 Email: mike.dinkel@anadarko.com

COA Type

Description

Attachment Check List

Att Doc Num	Name
401591531	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401604628	SITE MAP
401604633	ANALYTICAL RESULTS
401604660	ANALYTICAL RESULTS

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)