

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402503619

Date Received:

10/08/2020

Spill report taken by:

Spill/Release Point ID:

478237

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>(970) 515-1698</u>
Contact Person: <u>Gregory Hamilton</u>		Email: <u>Gregory_Hamilton@oxy.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402498294

Initial Report Date: 09/28/2020 Date of Discovery: 09/28/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWSE SEC 33 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.176578 Longitude: -105.003716

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

Reference Location:

Facility Type: WELL Facility/Location ID No _____

Spill/Release Point Name: _____ Well API No. (Only if the reference facility is well) 05-123-44567

No Existing Facility or Location ID No.

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>>=1 and <5</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>0</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: Fair, ~40 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 September 28, 2020, approximately 2 barrels of crude oil were released outside of containment at the Newby 28N-33HZ wellhead location. 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
9/28/2020	County	R. Rudisill	-email	
9/28/2020	County	J. Maxey	-email	
9/29/2020	City of Longmont	D. Wolford	-email	

Was there a Grade 1 Gas Leak? Yes No

If YES, enter the Document Number of the Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? Yes No

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

Was there damage during excavation? Yes No

If YES, was CO 811 notified prior to excavation? Yes No

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 10/06/2020

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	2	1	<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	0	0	<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): 35 Width of Impact (feet): 24

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): _____

How was extent determined?

On September 28, 2020, approximately 2 barrels of crude oil were released outside of containment at the Newby 28N-33HZ wellhead location. Approximately 1.75 barrels of the released fluids were recovered via vacuum truck and transported to the Kerr-McGee Aggregate Recycle Facility in Weld County Colorado. Approximately 18 cubic yards of impacted material were removed via hydro-excavation and transported to the Kerr-McGee Aggregate Recycle Facility in Weld County, Colorado for recycling. Approximately 130 cubic yards of impacted material were excavated and transported to the Front Range Landfill in Erie, Colorado for disposal and to the Kerr-McGee Land Treatment Facility in Weld County Colorado for recycling. Sixteen (16) confirmation soil samples were collected from the sidewalls and base of the final lateral and vertical extents of the excavation area, at depths ranging from approximately 3.5 to 6 feet below ground surface (bgs). The base soil samples were submitted to Origins Laboratory for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) by USEPA Method 8260D, TPH - diesel and oil range organics (DRO and ORO) by USEPA Method 8015D, electrical conductivity (EC), and pH. The sidewall soil samples were submitted for laboratory analysis of BTEX, naphthalene, and TPH. Laboratory analytical results indicated that constituent concentrations in the soil samples collected from the final extents of the excavation area were in full compliance with the COGCC Table 910-1 standards. Final SAR results are pending for base soil samples B01@4' and B04@4', which were collected below the designated root zone (0-3 feet bgs). Groundwater was not encountered during excavation activities.

Soil/Geology Description:

Sandy clay

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 7

If less than 1 mile, distance in feet to nearest

Water Well 815 None

Surface Water 580 None

Wetlands None

Springs None

Livestock 875 None

Occupied Building 1160 None

Additional Spill Details Not Provided Above:

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. Soil analytical results are summarized in Table 1. The laboratory analytical reports are provided as Attachment A.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/06/2020

Root Cause of Spill/Release Equipment Failure

Other (specify) _____

Type of Equipment at Point of Spill/Release: Other

If "Other" selected above, specify or describe here:

Wellhead pollution pot

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

Approximatley 2 barrels of crude oil were released at the wellhead due to equipment failure associated with the pollution pot.

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

The affected infrastructure has been removed and will be replaced prior to placing the well back in service.

Volume of Soil Excavated (cubic yards): 148

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 an 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: Gregory Hamilton

Title: Environmental Consultant Date: 10/08/2020 Email: Gregory_Hamilton@oxy.com

COA Type

Description

COA Type	Description

Attachment Check List

Att Doc Num	Name
402503648	TOPOGRAPHIC MAP
402503654	OTHER
402504886	SITE MAP
402505609	ANALYTICAL RESULTS
402505611	ANALYTICAL RESULTS

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)