

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:

402503619

Date Received:

10/08/2020

Spill report taken by:

CANFIELD, CHRIS

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: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	<b>Phone Numbers</b>
Address: P O BOX 173779		Phone: (970) 336-3500
City: DENVER	State: CO	Mobile: (970) 515-1698
Zip: 80217-3779		Email: Gregory_Hamilton@oxy.com
Contact Person: Gregory Hamilton		

### 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): >=1 and <5 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): 0

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		
<b>FLUIDS</b>	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 <u>815</u>	None <input type="checkbox"/>	Surface Water <u>580</u>	None <input type="checkbox"/>
	Wetlands <u></u>	None <input checked="" type="checkbox"/>	Springs <u></u>	None <input checked="" type="checkbox"/>
	Livestock <u>875</u>	None <input type="checkbox"/>	Occupied Building <u>1160</u>	None <input type="checkbox"/>

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)

Approximately 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

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### Attachment Check List

#### Att Doc Num

#### Name

402503619	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402503648	TOPOGRAPHIC MAP
402503654	OTHER
402504886	SITE MAP
402505609	ANALYTICAL RESULTS
402505611	ANALYTICAL RESULTS
402508405	FORM 19 SUBMITTED

Total Attach: 7 Files

### General Comments

#### User Group

#### Comment

#### Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)