

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:

402661137

Date Received:

04/16/2021

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

479837

### SPILL/RELEASE REPORT (INITIAL /w 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@oxy.com</u>

#### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402661137

Initial Report Date: 04/16/2021 Date of Discovery: 04/15/2021 Spill Type: Historical Release

#### Spill/Release Point Location:

QTRQTR SWSE SEC 25 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.193504 Longitude: -104.947247

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

#### Reference Location:

Facility Type: WELL

Facility/Location ID No

Spill/Release Point Name: Rademacher Wellhead Release

Well API No. (Only if the reference facility is well) 05-123-27140

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? No

*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: CROP LAND

Other(Specify):

Weather Condition: Cloudy ~ 35 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 soil impacts were discovered following cut and cap operations at the Rademacher 37-25 Wellhead location. The release became State reportable on April 15, 2021, due to the quantity of impacted soil excavated. 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
4/16/2021	County	Jason Maxey	-email	
4/16/2021	County	Roy Rudisill	-email	
4/16/2021	Town of Firestone	Marty Ostholhoff	-email	
4/16/2021	Private	Landowner	-phone	

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: 04/16/2021

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): 6 Width of Impact (feet): 6

Depth of Impact (feet BGS): 7 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Following cut and cap operations on April 14, 2021, a confirmation soil sample was collected from the base of the wellhead cut and cap excavation area and submitted for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, and total petroleum hydrocarbons (TPH) - gasoline range organics (GRO: C6-C10) by United States Environmental Protection Agency (USEPA) Method 8260D, TPH - diesel range organics (DRO: C10-C28) and oil range organics (ORO: C28-C40) by USEPA Method 8015D, pH, specific conductance (EC), and SAR by saturated paste method, and boron by hot water soluble soil extract method. Preliminary analytical results indicated that constituent concentrations in the soil sample were in compliance with the COGCC Table 915-1 standards, with exception to the pH value. SAR and boron results are pending laboratory analysis and final reporting. Excavation and assessment activities are ongoing and will be summarized in a forthcoming Form 27-Supplemental Site Investigation and Remediation Workplan under Remediation Project No. 16486 (approved Form 27 Document No. 402583392). A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Soil sample location and field screening data is provided in Table 1. Field notes and a photographic log are provided as Attachment A. The State Notification email is provided as Attachment B.

Soil/Geology Description:

Clayey sand

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well 820 None

Surface Water 2270 None

Wetlands \_\_\_\_\_ None

Springs \_\_\_\_\_ None

Livestock 3440 None

Occupied Building 1350 None

Additional Spill Details Not Provided Above:

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/16/2021

Root Cause of Spill/Release Unknown (Historical)

Other (specify) \_\_\_\_\_

Type of Equipment at Point of Spill/Release: Other

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

Wellhead

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

Historical impacts were discovered following cut and cap operations at the wellhead.

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): \_\_\_\_\_

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: 16486

### OPERATOR COMMENTS:

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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: 04/16/2021 Email: Gregory\_Hamilton@oxy.com

### Condition of Approval

**COA Type**                      **Description**

0 COA	

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
402661137	SPILL/RELEASE REPORT(I/S)
402661176	OTHER
402661185	PHOTO DOCUMENTATION
402661231	SITE MAP
402661352	OTHER
402663733	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)