

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:

402623754

Date Received:

03/11/2021

Spill report taken by:

CANFIELD, CHRIS

Spill/Release Point ID:

479616

### 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# 402623754

Initial Report Date: 03/10/2021 Date of Discovery: 03/10/2021 Spill Type: Historical Release

#### Spill/Release Point Location:

QTRQTR NENW SEC 8 TWP 1N RNG 65W MERIDIAN 6

Latitude: 40.071228 Longitude: -104.690202

Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

#### Reference Location:

Facility Type: WELL  Facility/Location ID No \_\_\_\_\_

Spill/Release Point Name: Green XX 8-3 Wellhead  Well API No. (Only if the reference facility is well) 05-123-23717

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): <u>Unknown</u>	Estimated Condensate Spill Volume(bbl): <u>Unknown</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</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: 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 impacted soil was discovered following cut and cap operations at the Green XX 8-3 Wellhead location. The release became State reportable on March 10, 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
3/10/2021	County	J. Maxey	-email	
3/10/2021	County	R. Rudisill	-email	
3/10/2021	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:	03/10/2021		
<b>FLUIDS</b>	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	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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>				
<i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>				
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>				
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature				
Surface Area Impacted: Length of Impact (feet): <u>13</u> Width of Impact (feet): <u>10</u>				
Depth of Impact (feet BGS): <u>9</u> Depth of Impact (inches BGS): _____				
How was extent determined?				

On February 24, 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. Analytical results indicated that constituent concentrations in the soil sample were in full compliance with the COGCC Table 915-1 standards, with exception to the pH value. Approximately 50 cubic yards of impacted material have been removed and transported to the Buffalo Ridge Landfill in Keenesburg, Colorado for disposal. Site assessment activities are ongoing and will be summarized in a forthcoming Form 27- Supplemental Site Investigation and Remediation Workplan under Remediation Project No. 16286 (approved Form 27 Document No. 402577912). A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

Soil/Geology Description:

Clayey sand

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 20

If less than 1 mile, distance in feet to nearest

Water Well 40 None

Surface Water 2180 None

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

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

Livestock 1580 None

Occupied Building 895 None

Additional Spill Details Not Provided Above:

Empty box for additional spill details.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/10/2021

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): 50

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: 16286

### OPERATOR COMMENTS:

Based on pH-impacted soil observed at this location, confirmation soil samples will be submitted for laboratory analysis of pH by saturated paste method. Soil assessment activities are ongoing and will be presented in a forthcoming Form 27-Supplemental Site Investigation and Remediation Workplan under Remediation Project No. 16286 (approved Form 27 Document No. 402577912).

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: 03/11/2021 Email: Gregory\_Hamilton@oxy.com

**COA Type**

**Description**

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**Attachment List**

**Att Doc Num**

**Name**

402623754	SPILL/RELEASE REPORT(I/S)
402624601	TOPOGRAPHIC MAP
402624603	OTHER
402627709	FORM 19 SUBMITTED

Total Attach: 4 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)