

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402356894

Date Received:

04/01/2020

Spill report taken by:

Oakman, Kari

Spill/Release Point ID:

474778

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: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	Phone Numbers Phone: (970) 336-3500 Mobile: (970) 515-1161 Email: Phil_Hamlin@oxy.com
Address: P O BOX 173779		
City: DENVER	State: CO Zip: 80217-3779	
Contact Person: Phillip Hamlin		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402356894

Initial Report Date: 03/30/2020 Date of Discovery: 06/06/2019 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR SENE SEC 10 TWP 1N RNG 68W MERIDIAN 6

Latitude: 40.067648 Longitude: -104.982384

Municipality (if within municipal boundaries): Erie 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) 05-123-08823☐ 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): 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: Sunny, ~85 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 impacts were discovered during abandonment activities at the Champlin 42-10 #4 wellhead. The release became State reportable on June 6, 2019, 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. The release from the Champlin 42-10 #4 wellhead was initially reported under Spill/Release Point ID 465117 (COGCC Document No. 402067560). On June 17, 2019, a release was discovered at the associated Champlin 42-10 #4 production facility and was reported in the subsequent Form 27-Initial (COGCC Document No. 402164608). Remediation activities at the wellhead and production facility release locations continued under assigned Remediation Project No. 14147. The relative locations of the wellhead and production facility excavation areas are illustrated on Figure 2.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/7/2019	County	Jason Maxey	-email	
6/7/2019	County	Roy Rudisill	-email	
6/7/2019	Town of Erie	F. Buller	-email	
6/7/2019	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: 03/30/2020		
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	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): 44 Width of Impact (feet): 39

Depth of Impact (feet BGS): 15 Depth of Impact (inches BGS): _____

How was extent determined?

Historical impacts were discovered during abandonment activities at the Champlin 42-10 #4 wellhead. Between June 5 and 7, 2019, approximately 370 cubic yards of impacted material were removed and transported to the Front Range Landfill in Erie, Colorado. On January 14 and January 15, 2020, excavation activities were continued and approximately 440 cubic yards of impacted material were removed and transported to the Front Range Landfill in Erie, Colorado. Sixteen (16) confirmation soil samples were collected from the sidewalls and bases of the final extents of the 2019 and 2020 wellhead excavation areas at depths ranging from approximately 7 to 15 feet below ground surface (bgs). The base soil samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), naphthalene, and total petroleum hydrocarbons (TPH) - gasoline range organics (GRO) by United States Environmental Protection Agency (USEPA) Method 8260D, TPH - diesel range organics (DRO) and oil range organics (ORO) by USEPA Method 8015D, pH by USEPA Method 9045D, specific conductance (EC) by USEPA Method 9050A, and sodium adsorption ratio (SAR) by USDA Agricultural Handbook 60 Method 20B. The sidewall soil samples were submitted for laboratory analysis of BTEX, naphthalene, and TPH. Analytical results indicated that the soil samples collected from the final extents of the 2019 and 2020 wellhead excavation areas were in full compliance with the COGCC Table 910-1 standards. Based on the analytical data provided herein, Kerr-McGee is requesting a No Further Action (NFA) determination for the Champlin 42-10 #4 wellhead release. A topographic Site Location Map showing the geographic setting of the wellhead release is provided as Figure 1. The soil sample locations for the 2019 and 2020 wellhead excavation areas are illustrated on Figure 3. Soil analytical results are summarized in Table 1 and the laboratory analytical reports are provided as Attachment A.

Soil/Geology Description:

Sandy clay

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest	Water Well	<u>2070</u>	None <input type="checkbox"/>	Surface Water	<u>1630</u>	None <input type="checkbox"/>
	Wetlands	<u></u>	None <input checked="" type="checkbox"/>	Springs	<u></u>	None <input checked="" type="checkbox"/>
	Livestock	<u>3450</u>	None <input type="checkbox"/>	Occupied Building	<u>2160</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

The release from the Champlin 42-10 #4 wellhead was initially reported under Spill/Release Point ID 465117 (COGCC Document No. 402067560). Additionally, a release discovered at the associated Champlin 42-10 #4 production facility was included in the subsequent Form 27-Initial (COGCC Document No. 402164608), and remediation activities at the wellhead and production facility release locations were continued under assigned Remediation Project No. 14147. This Form 19 is being prepared to establish a separate Spill/Release Point ID for the Champlin 42-10 #4 wellhead, and to request an NFA determination for the wellhead release. Remediation activities will continue at the Champlin 42-10 #4 production facility release location under Remediation Project No. 14147.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 03/30/2020

Root Cause of Spill/Release Unknown (Historical)

Other (specify)

Type of Equipment at Point of Spill/Release: Pump Jack

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

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

Historical impacts were discovered during abandonment activities.

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): 810

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: _____

OPERATOR COMMENTS:

Based on the analytical data provided herein, Kerr-McGee is requesting an NFA determination for the release associated with the Champlin 42-10 #4 wellhead. Remediation and groundwater assessment activities are ongoing at the Champlin 42-10 #4 production facility release location under COGCC Remediation Project No. 14147.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Phillip Hamlin

Title: Senior Environmental Rep Date: 04/01/2020 Email: Phil_Hamlin@oxy.com

COA Type

Description

	Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or remediation activities may be required. In addition, the surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.
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Attachment Check List

Att Doc Num

Name

402356894	SPILL/RELEASE REPORT(I/S)
402357035	ANALYTICAL RESULTS
402357042	OTHER
402357479	TOPOGRAPHIC MAP
402357480	SITE MAP
402357482	SITE MAP
402357483	ANALYTICAL RESULTS
402360371	FORM 19 SUBMITTED

Total Attach: 8 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)