

State of Colorado  
Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403784165

Date Received:

05/09/2024

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

486886

**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 ECMC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

**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>( )</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>		Mobile: <u>(970) 515-1727</u>
Contact Person: <u>Eve Bugarin</u>		Email: <u>DJRemediation_Forms@oxy.com</u>

Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 403784165

Initial Report Date: 05/08/2024 Date of Discovery: 05/08/2024 Spill Type: Historical Release

**Spill/Release Point Location:**

QTRQTR SENW SEC 8 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.156380 Longitude: -104.917950

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

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

**Reference Location:**

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

Spill/Release Point Name: Cheng 3-8A Historical Release  Well API No. (Only if the reference facility is well) 05-123-20611

No Existing Facility or Location ID 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: \_\_\_\_\_

Has the subject Spill/Release been controlled at the time of reporting? Yes

**Land Use:**

Current Land Use: CROP LAND \_\_\_\_\_

Other(Specify): \_\_\_\_\_

Weather Condition: FAIR ~40 degrees F \_\_\_\_\_

Surface Owner: FEE \_\_\_\_\_

Other(Specify): \_\_\_\_\_

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

On May 8, 2024, historically impacted soil was discovered following cut and cap operations at the Cheng 3-8A wellhead. Excavation and assessment activities are ongoing. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1.

**List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):**

**OTHER NOTIFICATIONS**

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
5/9/2024	Landowner	Private	-phone	
5/8/2024	Municipality of Firestone	T. Bjerkaas	-email	
5/8/2024	Weld County	R. Rudisill	-email	
5/8/2024	Weld County	J Maxey	-email	

**REPORT CRITERIA**

**Rule 912.b.(1) Report to the Director (select all criteria that apply):**

No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.

Waters of the State: \_\_\_\_\_ Public Water System: \_\_\_\_\_  
Residence or Occupied Structure: \_\_\_\_\_ Livestock: \_\_\_\_\_  
Wildlife: \_\_\_\_\_ Publicly-Maintained Road: \_\_\_\_\_

No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.

No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.

No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak

Enter the approximate time of discovery \_\_\_\_\_ (HH:MM)  
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? \_\_\_\_\_  
Enter the Document Number of the Initial Accident Report, Form 22 \_\_\_\_\_  
Was there damage during excavation? \_\_\_\_\_  
Was CO 811 notified prior to excavation? \_\_\_\_\_

Yes Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.

Estimated Volume of Impacted Solids (cu. yd.): 10

No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:

The presence of free product or hydrocarbon sheen Surface Water

The presence of free product or hydrocarbon sheen on Groundwater

The presence of contaminated soil in contact with Groundwater

The presence of contaminated soil in contact with Surface water

Yes Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylight from the subsurface.

No Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.

Areas offsite of Oil & Gas Location  Off-Location Flowline right of way

No Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.

No Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

### SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 05/08/2024

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): 10 Width of Impact (feet): 10

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Following cut and cap operations at the Cheng 3-8A wellhead location on February 28, 2024, soil samples were collected from the base of the wellhead cut and cap excavation area (WH-B01@6'), and from the location where the flowline riser was disconnected at the wellhead (FL-B01@4'). The soil samples were submitted for laboratory analysis of the full ECMC Table 915-1 analytical suite, using standard methods appropriate for detecting the target analytes. Based on the preliminary analytical results, verification soil samples for WH-B01@6' (WH-B01R@6') and FL-B01@4' (FL-B01R@4') were collected on April 9, 2024, and submitted for laboratory analysis of select Table 915-1 constituents that failed in the initial samples (pH and Pb). Laboratory analytical results received for the verification soil samples confirmed that the Pb concentration in soil samples WH-B01R@6' and FL-B01R@4' exceeded the ECMC Table 915-1 standards as well as site-specific background levels. The remaining analytical results for the soil samples collected during wellhead cut and cap and flowline removal operations were in compliance with ECMC Table 915-1 standards, and/or within the range of site-specific background levels (x 1.25 for metals). Groundwater was not encountered during wellhead cut and cap and preliminary flowline removal activities. Excavation and assessment activities are ongoing and will be summarized in a forthcoming quarterly Form 27-Supplemental Site Investigation and Remediation Workplan under Remediation Project No. 33029 (approved Form 27 Document No. 403611593). A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. Soil sample location and field screening data are 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:

SC - Clayey Sand

Depth to Groundwater (feet BGS) 20

Number Water Wells within 1/2 mile radius: 28

If less than 1 mile, distance in feet to nearest

Water Well 770 None

Surface Water 4050 None

Wetlands 1800 None

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

Livestock 940 None

Occupied Building 940 None

Additional Spill Details Not Provided Above:

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/08/2024

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:

Well

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

Historically impacted soil was discovered following cut and cap and wellhead flowline riser removal activities at the Cheng 3-8A wellhead location.

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): 10

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, check all that apply)

Horizontal and Vertical extents of impacts have been delineated.

Documentation of compliance with Table 915-1 is attached.

All E&P Waste has been properly treated or disposed.

Work proceeding under an approved Form 27 (Rule 912.c).

Form 27 Remediation Project No: 33029

SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

**OPERATOR COMMENTS:**

Excavation and assessment activities are ongoing and will be summarized in a forthcoming Form 27-Supplemental within 90 days of the release discovery date.

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

Signed: \_\_\_\_\_ Print Name: Eve Bugarin

Title: Environmental Advisor Date: 05/09/2024 Email: DJRemediation\_Forms@oxy.com

<b>COA Type</b>	<b>Description</b>
	Quarterly reporting (90 days) is required under Remediation Project #33029
1 COA	

**ATTACHMENT LIST**

<b>Att Doc Num</b>	<b>Name</b>
403784165	SPILL/RELEASE REPORT(I/S)
403784369	CORRESPONDENCE
403784370	PHOTO DOCUMENTATION
403784373	TOPOGRAPHIC MAP
403784727	OTHER
403814152	FORM 19 SUBMITTED

Total Attach: 6 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
		Stamp Upon Approval

Total: 0 comment(s)