

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403928754

Date Received:

09/20/2024

Spill report taken by:

Ahmadian, Alexander

Spill/Release Point ID:

487940

SPILL/RELEASE REPORT (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 & GAS ONSHORE LP</u>	Operator No: <u>47120</u>	Phone Numbers
Address: <u>P O BOX 173779</u>		Phone: <u>(970) 515-1727</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>		Mobile: <u>()</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# 403919175

Initial Report Date: 09/12/2024 Date of Discovery: 09/12/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWSE SEC 7 TWP 1N RNG 65W MERIDIAN 6

Latitude: 40.059226 Longitude: -104.702238

Municipality (if within municipal boundaries): _____ 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: TANK BATTERY Facility/Location ID No 440234

Spill/Release Point Name: Goodin 15N 15N 16N 16N-B6HZ Well API No. (Only if the reference facility is well) 05- -

No Existing Facility or Location ID 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: _____

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

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: ~94 degrees F, sunny

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 July 10, 2024, a presumed illegal dump was discovered at the Goodin 15N 15N 16N 16N B-6HZ Facility location. However, on September 12, 2024 during excavation activities, it was determined the release was likely due to an unknown volume of fluid daylighting from the subsurface. Excavation and assessment activities are ongoing. The assessment details will be summarized in a forthcoming Supplemental Form 19 Spill/Release Report. A topographic Site Location Map showing the geographic location 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>
9/12/2024	Surface Owner	Private	-phone	
9/12/2024	CPW	L. Hamous-Miller	-email	
9/12/2024	Weld County	J. Maxey	-email	
9/12/2024	Weld County	R. Rudisill	-email	

REPORT CRITERIA

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

Yes 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: Threatened to Impact Public Water System: n/a

Residence or Occupied Structure: n/a Livestock: n/a

Wildlife: n/a Publicly-Maintained Road: n/a

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: 09/20/2024

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): 1 Width of Impact (feet): 1

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

How was extent determined?

On July 10, 2024, a presumed illegal dump was discovered at the Goodin 15N 15N 16N 16N B-6HZ Facility location. One waste characterization soil sample was collected and submitted for laboratory analysis of the full ECOM Table 915-1 suite using ECOM-approved methods appropriate for detecting the target analytes. Final analytical results received on August 8, 2024, indicate that the BTEX, naphthalene, TMBs, TPH, 1-methyl-, 2-methyl-, acenaphthene, chrysene, fluorene, pyrene, As, and Ba concentrations in waste characterization soil sample SS01 exceeded the ECOM Table 915-1 Cleanup Concentrations. On September 12, 2024 during excavation activities, it was determined the release was likely due to an unknown volume of fluid daylighting from the subsurface. The cause of the release is currently being investigated. Line integrity pressure tests were completed and yielded results that the suspected point of release is in tact and showed no signs of fluid release. Excavation and assessment activities are ongoing and the assessment details will be summarized in a forthcoming 90 Day Supplemental Form 19 Spill/Release Report. A topographic Site Location Map showing the geographic location setting of the release is provided as Figure 1. The soil sample location is illustrated on Figure 2. Soil sample location and field screening data are provided in Table 1. Soil analytical results are presented in Tables 2 through 5. Laboratory analytical results are provided as Attachment A. Photographic log are provided as Attachment B. The State Notification email is provided as Attachment C.

Soil/Geology Description:

Sandy Clay (SC)

Depth to Groundwater (feet BGS) 16

Number Water Wells within 1/2 mile radius: 18

If less than 1 mile, distance in feet to nearest

Water Well 844 None

Surface Water 282 None

Wetlands 1886 None

Springs _____ None

Livestock 2334 None

Occupied Building 553 None

Additional Spill Details Not Provided Above:

Empty rectangular box for additional spill details.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/20/2024

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:

Further investigation and assessment activities are ongoing.

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

Type of equipment at point of release is currently being investigated. Line integrity pressure tests were completed and yielded results exemplifying that the suspected point of release is in tact and showed no signs of fluid release. Further investigation and assessment activities are ongoing and assessment details will be provided in a forthcoming 90 Day Supplemental Spill/Release Report.

Describe measures taken to prevent the problem(s) from reoccurring:

Further investigation and assessment activities are ongoing and assessment details will be provided in a forthcoming 90 Day Supplemental Spill/Release Report.

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: _____

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

OPERATOR COMMENTS:

Empty rectangular box for operator comments.

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: 09/20/2024 Email: DJRemediation_Forms@oxy.com

COA Type	Description
	If analytes are detected in the initial waste characterization sample(s), even if they are at a concentration below the respective allowable level outlined in Table 915-1, Operator shall collect confirmation samples for analysis of all Table 915-1 Contaminants of Concern until Operator has submitted sufficient characterization data to request and receive Director Approval of a reduced list of contaminants of concern.
	Operator shall collect confirmation soil samples as described in the Rule 915.e.(2) Guidance Document. Operator will analyze all proposed soil samples for complete Table 915-1 Contaminants of Concern: TPH (C6-C36), Organic Compounds in Soil, metals, and Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)).
	Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i–iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director.
3 COAs	

ATTACHMENT LIST

Att Doc Num	Name
403928754	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403929187	SITE MAP
403929460	ANALYTICAL RESULTS
403929461	ANALYTICAL RESULTS
403929462	PHOTO DOCUMENTATION
403929464	SOIL SAMPLE LOCATION MAP
403929465	CORRESPONDENCE
403930910	FORM 19 SUBMITTED

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)