

State of Colorado
Energy & Carbon Management Commission

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Date Received:

07/30/2024

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.

Spill report taken by:
Ahmadian, Alexander

Spill/Release Point ID:
486602

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# 403778922

Initial Report Date: 05/03/2024 Date of Discovery: 05/03/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESW SEC 24 TWP 3N RNG 66W MERIDIAN 6

Latitude: 40.204306 Longitude: -104.725920

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 437520

Spill/Release Point Name: Miller 29N 18N 4N-24HZ O SA 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: FAIR, ~60 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 3, 2024, a release was discovered following the discovery of fluids daylighting from the subsurface at the MILLER 29N 18N 4N-24HZ O SA Production Facility location, beneath one of the horizontal separators. 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>
5/3/2024	Landowner	Private	-phone	
5/3/2024	Weld County	J. Maxey	-email	
5/3/2024	Weld County	R. Rudisill	-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? _____

No 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.): _____

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. <input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> 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: <u>07/30/2024</u>		
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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <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>8</u>		Width of Impact (feet): <u>7</u>	
Depth of Impact (feet BGS): <u>4</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
<p>On May 3, 2024, a release was discovered following the discovery of fluids daylighting from the subsurface at the Miller 29N 18N 4N-24HZ O SA Production Facility location, beneath one of the horizontal separators. On May 6, 2024, a waste characterization soil sample (REL-B01@3") was collected from the material within the release area that was most likely to be impacted, based on field observations and PID readings. The waste characterization sample was submitted for laboratory analysis of the full Table 915-1 analytical suite using standard ECMC-approved methods appropriate for detecting the target analytes. Analytical results indicated that the total xylenes, total petroleum hydrocarbons (TPH), 1,2,4- and 1,3,5-trimethylbenzene (TMB), 1- and 2-methylnaphthalene, naphthalene, SAR, and cadmium concentrations in soil sample REL-B01@3" exceeded the applicable ECMC Table 915-1 standards and/or site-specific background levels (x 1.25 for metals). The remaining analytical results for the waste characterization soil sample were in compliance with ECMC standards and/or within site-specific background levels (x 1.25 for metals). As such, additional excavation activities were conducted to address remaining soil impacts. On June 6, 2024, five (5) confirmation soil samples were collected from the final excavation extents, at depths of approximately 3 to 4 feet below ground surface (bgs). Based on the waste characterization results for sample REL-B01@3", the confirmation soil samples were submitted for laboratory analysis of BTEX, 1,2,4- and 1,3,5-TMB, TPH-GRO (C6-C10), DRO (C10-C28), ORO (C28-C40), PAHs, As, Ba, Cd, Pb, Ni, and SAR using standard ECMC-approved methods. Soil sampling results are described below.</p>			
Soil/Geology Description:			
Silty Sand - SM			
Depth to Groundwater (feet BGS) <u>20</u>		Number Water Wells within 1/2 mile radius: <u>4</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>1960</u> None <input type="checkbox"/>	Surface Water <u>1130</u> None <input type="checkbox"/>	
	Wetlands _____ None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
	Livestock _____ None <input checked="" type="checkbox"/>	Occupied Building <u>3040</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			

Analytical results for the 5 confirmation soil samples collected from the final excavation extent indicate that constituent concentrations were in compliance with the applicable ECMC Table 915-1 soil standards and/or within site-specific background levels (x 1.25 for metals). Based on the analytical and soil screening data presented herein, and the current and continued land use as an active oil and gas production facility, assessment is complete at this site and no further activities are required. As such, Kerr-McGee is requesting a No Further Action (NFA) determination for this location. A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. The soil sample locations are illustrated on Figure 2. Soil sample location and field screening data are presented in Table 1. The soil analytical results are summarized in Tables 2 through 5. The laboratory analytical reports are provided as Attachment A. The field notes and a photographic log are provided as Attachment B. The State Notification email is provided as Attachment C.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/30/2024

Root Cause of Spill/Release Equipment Failure
Other (specify) _____

Type of Equipment at Point of Spill/Release: Horizontal Separator

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

Describe Incident & Root Cause (include specific equipment and point of failure)
A release was discovered following the discovery of fluids daylighting from the subsurface at the Miller 29N 18N 4N-24HZ O SA Production Facility location, beneath one of the horizontal separators.

Describe measures taken to prevent the problem(s) from reoccurring:
The affected infrastructure was removed for ongoing cleanup and site assessment activities.

Volume of Soil Excavated (cubic yards): 20

Disposition of Excavated Soil (attach documentation) Offsite Disposal Onsite Treatment
 Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

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:

Analytical results indicate that constituent concentrations in the five (5) confirmation soil samples collected from the final excavation extent were in compliance with ECMC Table 915-1 soil standards and/or within the site-specific background levels (x1.25 for metals). Based on the analytical and soil screening data presented herein, and the current and continued land use as an active oil and gas production facility, assessment is complete at this site and no further activities are required at this time. As such, Kerr-McGee is requesting an NFA determination for this location.

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: 07/30/2024 Email: DJRemediation_Forms@oxy.com

COA Type **Description**

<u>COA Type</u>	<u>Description</u>
0 COA	

ATTACHMENT LIST

Att Doc Num **Name**

403852939	ANALYTICAL RESULTS
403852945	PHOTO DOCUMENTATION
403852948	CORRESPONDENCE
403852949	TOPOGRAPHIC MAP
403852951	SOIL SAMPLE LOCATION MAP
403852953	ANALYTICAL RESULTS

Total Attach: 6 Files

General Comments

User Group **Comment**

Comment Date

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

Total: 0 comment(s)