

State of Colorado
Energy & Carbon Management Commission



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Date Received:

12/19/2024

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:

487940

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) 515-0055</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>		Mobile: <u>()</u>
Contact Person: <u>Jaron Bartoszek</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 thought the release was likely due to an unknown volume of fluid daylighting from the subsurface. Upon further site assessment activities, it was determined it was in fact an illegal dump. A topographic Site Location Map showing the geographic location setting of the release is provided as Figure 1. The State Notification email is provided as Attachment C.

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: 12/19/2024

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): 18 Width of Impact (feet): 19

Depth of Impact (feet BGS): 5 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 ECMC Table 915-1 suite using ECMC 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 ECMC Table 915-1 Cleanup Concentrations. On September 12, 2024 during excavation activities, it was thought the release was likely due to an unknown volume of fluid daylighting from the subsurface. Upon further site assessment activities, it was determined it was in fact an illegal dump. Excavation activities were conducted to address remaining soil impacts from September 23, 2024, through October 23, 2024. Ten (10) confirmation soil samples were collected from the excavation extents, at depths of approximately 3, 4, and 5' feet below ground surface (bgs). Based on the waste characterization results for sample SS01, the confirmation soil samples were submitted for laboratory analysis of BTEX, TMBs, TPH, 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, chrysene, fluorene, naphthalene, pyrene, As, Ba, Pb, and Ni using standard ECMC-approved methods. 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 attached. The photographic log is 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:

Analytical results collected from the final excavation extent were in compliance with ECMC Table 915-1 soil standards and/or site specific background levels. 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 provided in Table 1. Soil analytical results are summarized in Tables 2 through 5. The laboratory analytical reports are attached. A photographic log is provided as Attachment B. The State Notification email is provided as Attachment C.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 12/19/2024

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:

Unknown

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

Line integrity pressure tests were completed and yielded results exemplifying that the suspected infrastructure held integrity and showed no signs of fluid release.

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

All suspected points of release were tested and held integrity and show no signs of fluid release. Excavation and assessment activities were completed and all soil impacts have been remediated to be in compliance with ECMC Table 915-1 concentrations and/or background limits.

Volume of Soil Excavated (cubic yards): 45

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:

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

Signed: _____ Print Name: Jaron Bartoszek
 Title: Environmental Specialist Date: 12/19/2024 Email: DJRemediation_Forms@oxy.com

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

<u>Att Doc Num</u>	<u>Name</u>
404035449	OTHER
404035452	ANALYTICAL RESULTS
404035453	ANALYTICAL RESULTS
404035454	ANALYTICAL RESULTS
404035455	ANALYTICAL RESULTS
404035457	ANALYTICAL RESULTS

Total Attach: 6 Files

General Comments

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

Total: 0 comment(s)