

State of Colorado  
Energy & Carbon Management Commission

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Document Number:

404073070

Date Received:

03/11/2025

Spill report taken by:

Metz, Collin

Spill/Release Point ID:

489703

### 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>(720) 929-4306</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80217-3779</u>		Mobile: <u>( )</u>
Contact Person: <u>Erik Mickelson</u>		Email: <u>Erik.Mickelson@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# 404073070

Initial Report Date: 01/28/2025 Date of Discovery: 01/13/2025 Spill Type: Historical Release

#### Spill/Release Point Location:

QTRQTR SESE SEC 30 TWP 2N RNG 68W MERIDIAN 6

Latitude: 40.103067 Longitude: -105.041443

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: WELL

Facility/Location ID No \_\_\_\_\_

Spill/Release Point Name: Bryant 16-30 Wellhead Hist. Release

Well API No. (Only if the reference facility is well) 05-123-31730

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: CROP LAND \_\_\_\_\_

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

Weather Condition: Sunny, ~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):

While conducting decommissioning activities at the Bryant 16, 23, 36-30 wellheads/flowlines, potentially impacted soil was discovered. The volume of the release is unknown. The impacts were limited to barium exceeding the Table 915-1 cleanup concentration. Assessment activities are ongoing.

**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>
1/13/2025	Weld County	R. Rudisill	---email	
1/13/2025	Landowner	Private	---phone	
1/13/2025	L. Hamous-Miller	CPW	---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>01/15/2025</u>		
<b>FLUIDS</b>	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	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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 &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
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): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): <u>6</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
<p>In December 2024, reassessment activities were conducted in response to the submittal of analytical data that was altered by a third-party contractor without the knowledge and beyond the reasonable control of Kerr-McGee Oil &amp; Gas Onshore LP (KMOG). 1-methylnaphthalene in sample 36-FL-B02@4' was altered by a third-party from 0.006 to 0.005 mg/kg. The unaltered value of 0.006 mg/kg meets the Table 915-1 cleanup concentration and therefore does not require additional investigation. Barium concentrations were altered by a third-party as follows:</p> <ul style="list-style-type: none"> <li>• Sample 16-WH-B01@6' – Ba changed from 442 mg/kg to 165 mg/kg</li> <li>• Sample 36-WH-B01@6' – Ba changed from 165 mg/kg to 442 mg/kg</li> <li>• Sample 36-WH-B01R@6' – Ba changed from 213 mg/kg to 153 mg/kg</li> <li>• Sample 16-FL-B01R@4' – Ba changed from 216 mg/kg to 156 mg/kg</li> </ul> <p>The original barium analysis of sample 36-WH-B01@6' (165 mg/kg) was within the site-specific background level of 171.25 mg/kg; therefore, additional investigation is not required at this sample point. During reassessment activities, a collected verification sample was analyzed for barium at sample point 16-FL-B01R@4' utilizing a hand auger. Analytical results received on January 13, 2025, indicated the barium concentration of 126 mg/kg is in compliance with the Table 915-1 cleanup concentration; therefore, additional investigation is not required at this sample point.</p> <p>A verification sample was also attempted at sample point 16-WH-B01@6'; however, refusal was hit, and a sample could not be collected. As such, KMOG is reporting a release based on the barium exceedance detected in the original sample from sample point 16-WH-B01@6'.</p> <p>The analytical data altered by a third-party contractor without the knowledge and beyond the reasonable control of KMOG can be found in Form 27 Document No. 403669416. The original unaltered lab report and the reassessment analytical results are attached. Further assessment details will be provided in a supplemental Form 27 report (Rem No. 31072).</p>			
Soil/Geology Description:			
GM-GP, Silty gravels / gravel-sand mixtures			

Depth to Groundwater (feet BGS) 6 Number Water Wells within 1/2 mile radius: 9  
 If less than 1 mile, distance in feet to nearest Water Well 2051 None  Surface Water 436 None   
 Wetlands 145 None  Springs \_\_\_\_\_ None   
 Livestock \_\_\_\_\_ None  Occupied Building 1798 None

Additional Spill Details Not Provided Above:

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/15/2025

Root Cause of Spill/Release Unknown (Historical)

Other (specify) \_\_\_\_\_

Type of Equipment at Point of Spill/Release: Wellhead Line

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

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

While conducting decommissioning activities at the Bryant 16, 23, 36-30 wellheads/flowlines, potentially impacted soil was discovered. The volume of the release is unknown. The impacts were limited to barium exceeding the Table 915-1 cleanup concentration. Assessment activities are ongoing.

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

The associated wellheads have been plugged and abandoned.

Volume of Soil Excavated (cubic yards): \_\_\_\_\_

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: 31072
  - SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

#### OPERATOR COMMENTS:

This Form 19 is being resubmitted with reissued locked laboratory reports in response to the comment and return to draft of Form 19, Document No. 404058395, submitted on January 29, 2025.

The lab reports (Lab ID's Y311214, Y311270, and Y401138) altered by a third-party without the knowledge of and beyond the reasonable control of KMOG was originally submitted to the ECMC as attachment Document No. 403675973. Original locked versions of lab reports Y311214, Y311270, Y401138, Y311348, and E4L0620 are attached to this form as a replacement.

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

Signed: \_\_\_\_\_ Print Name: Erik Mickelson  
 Title: Environmental Lead Date: 03/11/2025 Email: Erik\_Mickelson@oxy.com

<b>COA Type</b>	<b>Description</b>
1 COA	Quarterly reporting (90 days) is required under Remediation Project #31072. Operator shall include the Spill ID associated with this form on the subsequent Supplemental Form 27 and select Rule 913.c.(3): Remediation of Spill and Releases pursuant to Rule 912 in addition to the previous Rule selection.

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
404073070	FORM 19 SUBMITTED
404073173	TOPOGRAPHIC MAP
404073177	OTHER
404073179	CORRESPONDENCE
404123008	ANALYTICAL RESULTS
404123010	ANALYTICAL RESULTS
404123011	ANALYTICAL RESULTS
404123012	ANALYTICAL RESULTS
404123014	ANALYTICAL RESULTS

Total Attach: 9 Files

**General Comments**

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

Total: 0 comment(s)