

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:

404160887

Date Received:

04/14/2025

Spill report taken by:

Rollins, Grace

Spill/Release Point ID:

489727

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>(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>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# 404152367

Initial Report Date: 04/03/2025 Date of Discovery: 04/03/2025 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR NWSW SEC 23 TWP 2N RNG 67W MERIDIAN 6

Latitude: 40.120220 Longitude: -104.862640

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: Strear Sidney GU 1 Soil Vapor

Well API No. (Only if the reference facility is well) 05-123-09362

No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): Unknown

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Stray Soil Gas

Has the subject Spill/Release been controlled at the time of reporting? No

Land Use:

Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: ~50 degrees F, windy

Surface Owner: FEE

Other(Specify): _____

DENIED

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

During plugging and abandonment activities at the Strear Sidney GU 1 wellhead, five (5) shallow soil vapor points (SVPs) were installed in the vicinity of the wellhead. On March 14, 2025, methane was detected with field screening equipment at SVP-01 and SVP-05. Soil vapor samples were collected from 5 SVPs using IsoTubes™ and an IsoTube™ sampling manifold in conjunction with the pump on a GEM 5000. The samples were submitted to IsoTech for gas composition analysis. Results from the gas composition analysis indicated the presence of thermogenic gas. An investigation into the nature and source of the soil gas is on-going. Additional details will be provided in a supplemental Form 27 report (Remediation No. 34638; Form 27 Initial Document No. 403711424). 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

Date	Agency/Party	Contact	Phone	Response
4/3/2025	Surface Owner	Private	-email	
4/3/2025	Weld County	Weld County	-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

No	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
Yes	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>04/14/2025</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input 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			<input checked="" type="checkbox"/>
specify: <u>Stray Soil Gas</u>			
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): _____		Width of Impact (feet): _____	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Assessment and remediation activities are ongoing. The analytical results and assessment details will be provided in a supplemental Form 27 report (Remediation No. 34638; Form 27 Initial Document No. 403711424). A topographic Site Location Map showing the geographic setting of the release is provided as Figure 1. SVP field screening data is presented in Table 1.			
Soil/Geology Description:			
<u>Silty Sand (SM)</u>			
Depth to Groundwater (feet BGS) <u>12</u>		Number Water Wells within 1/2 mile radius: <u>8</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>150</u> None <input type="checkbox"/>	Surface Water <u>1734</u> None <input type="checkbox"/>	
	Wetlands <u>1000</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
	Livestock <u>1060</u> None <input type="checkbox"/>	Occupied Building <u>1060</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/14/2025

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:

Wellhead

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

During plugging and abandonment activities at the Strear Sidney GU 1 wellhead, five (5) shallow soil vapor points (SVPs) were installed in the vicinity of the wellhead. On March 14, 2025, methane was detected with field screening equipment at SVP-01 and SVP-05. Results from the gas composition analysis indicated the presence of thermogenic gas. The volume of the stray gas release is unknown.

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

An investigation to determine the source of the soil gas is ongoing.

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. [X] Work proceeding under an approved Form 27 (Rule 912.c). Form 27 Remediation Project No: 34638 [] SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

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: Erik Mickelson

Title: Environmental Lead Date: 04/14/2025 Email: DJRemediation_Forms@oxy.com

COA Type**Description**

	<p>Quarterly reporting (90 days) is required under Remediation Project # 34638. Operator shall include Spill ID 489727 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.</p> <p>Quarterly updates shall include a current map of the subject location including sample and screening locations and current excavation limits/soil stockpiles if applicable. GPS data used to create the map must comply with ECMC Rule 216. Operator will include all analytical data compared to Table 915-1 Standards in table format on each Quarterly updates. Operator shall submit field notes and photo documentation of all field activities reported during a Quarterly Update.</p>
1 COA	

ATTACHMENT LIST**Att Doc Num****Name**

404160887	FORM 19 SUBMITTED
404160915	TOPOGRAPHIC MAP
404160918	CORRESPONDENCE
404163789	PHOTO DOCUMENTATION
404163794	ANALYTICAL DATA SUMMARY TABLE(S)
404163961	LABORATORY ANALYTICAL REPORT

Total Attach: 6 Files

General Comments**User Group****Comment****Comment Date**

Environmental	<p>ECMC has denied this Form 27 for data validation. Operator will provide laboratory analytical report(s) as a stand-alone attachment(s) on the replacement Supplemental Form 27. The Laboratory Report PDF(s) must be secured by the issuing laboratory; If there is a difference between the creation date and secured date of the PDF, Operator shall provide an explanation in the case narrative of the associated report. ECMC will not review combined PDFs with lab reports.</p> <p>A replacement form is due immediately.</p>	04/15/2025
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Total: 1 comment(s)