

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403638558

Date Received:

12/29/2023

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

485799**SPILL/RELEASE REPORT (SUPPLEMENTAL)**

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to COGCC 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) 336-3500</u>
City: <u>DENVER</u>	State: <u>CO</u>	Mobile: <u>(970) 515-1698</u>
Zip: <u>80217-3779</u>		Email: <u>gregory_hamilton@oxy.com</u>
Contact Person: <u>Gregory Hamilton</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 REPORTInitial Spill/Release Report Doc# 403630074

Initial Report Date: 12/19/2023 Date of Discovery: 12/19/2023 Spill Type: Recent Spill

Spill/Release Point Location:QTRQTR SWNE SEC 8 TWP 2N RNG 67W MERIDIAN 6Latitude: 40.153430 Longitude: -104.912960Municipality (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.

Reference Location:Facility Type: TANK BATTERY☒ Facility/Location ID No 417800Spill/Release Point Name: Sater 24C,40N,24N,25C-5HZ 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): >0 and <1Estimated Condensate Spill Volume(bbl): >0 and <1Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >0 and <1Estimated Other E&P Waste Spill Volume(bbl): 0Estimated 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: ~61 degrees F. sunnySurface Owner: FEE

Other(Specify): _____

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

On December 19, 2023, approximately 1 bbl. of fluid daylighted from the subsurface from a oil gathering line on a separator at the Sater 24C 40N 24N 25C-5HZ O SA facility. Site assessment activities are ongoing and 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>
12/19/2023	Surface owner	Private	-phone	
12/19/2023	Weld County	R. Rudisill	-email	
12/19/2023	Weld County	J. Maxey	-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 daylights 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: 12/28/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	1	1	<input 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? YES 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): 13 Width of Impact (feet): 4

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

How was extent determined?

A waste characterization soil sample was collected from the Sater 24C 40N 24N 25C-5HZ O SA facility and submitted for laboratory analysis of the full ECMC Table 915-1 suite using ECMC-approved methods appropriate for detecting the target analytes. Preliminary analytical results received on December 20, 2023, indicate that the total petroleum hydrocarbons, 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, benzene, ethylbenzene, toluene, total xylenes, 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, benzo(a)anthracene, fluorene, and naphthalene concentrations in facility soil sample Initial Waste Characterization@6" exceeded the ECMC Table 915-1 Cleanup Concentrations. Assessment activities are ongoing and will be summarized in a forthcoming Form 19-Supplemental Spill/Release Report. A topographic Site Location Map showing the geographic 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. The laboratory analytical report is provided as Attachment A. Field notes and a photographic log are provided as Attachment B. The State Notification email is provided as Attachment C.

Soil/Geology Description:

silty Sand (SM)

Depth to Groundwater (feet BGS) 12 Number Water Wells within 1/2 mile radius: 18

If less than 1 mile, distance in feet to nearest

Water Well	1114	None	Surface Water	2207	None
Wetlands	2795	None	Springs		<input checked="" type="checkbox"/>
Livestock	1554	None	Occupied Building	327	None

Additional Spill Details Not Provided Above:

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 12/28/2023
Root Cause of Spill/Release <u>Equipment Failure</u>	
Other (specify) _____	
Type of Equipment at Point of Spill/Release: <u>Gathering Line</u>	
If "Other" selected above, specify or describe here: <div style="border: 1px solid black; height: 30px; width: 100%; margin-top: 5px;"></div>	
Describe Incident & Root Cause (include specific equipment and point of failure) <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Pressure and heat build up caused poly line to fail.</div>	
Describe measures taken to prevent the problem(s) from reoccurring: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">The poly line was repaired and operations have been altered to avoid future poly line failures.</div>	
Volume of Soil Excavated (cubic yards): _____	
Disposition of Excavated Soil (attach documentation) <input type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment	
<input type="checkbox"/> 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:

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.	
Signed: _____	Print Name: <u>Gregory Hamilton</u>
Title: <u>Environmental Lead</u>	Date: <u>12/29/2023</u> Email: <u>gregory_hamilton@oxy.com</u>

COA Type	Description
0 COA	

Attachment List

Att Doc Num

Name

403638558	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403640122	ANALYTICAL RESULTS
403645943	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)