

State of Colorado

Energy & Carbon Management Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403490666

Date Received:

08/11/2023

Spill report taken by:

Robinson, Taylor

Spill/Release Point ID:

484556

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: KERR MCGEE OIL & GAS ONSHORE LP	Operator No: 47120	Phone Numbers
Address: P O BOX 173779		Phone: (970) 515-1698
City: DENVER State: CO Zip: 80217-3779		Mobile: ()
Contact Person: Gregory Hamilton		Email: Gregory.Hamilton@ox.com

☐ 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# 403396708

Initial Report Date: 05/08/2023 Date of Discovery: 05/05/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NESW SEC 33 TWP 3N RNG 68W MERIDIAN 6

Latitude: 40.181861 Longitude: -105.008082

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.

Reference Location:

Facility Type: TANK BATTERY

☒ Facility/Location ID No 449884

Spill/Release Point Name: Newby 30N-34HZ Facility

☐ 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): >=1 and <5

Estimated Condensate Spill Volume(bbl): >=1 and <5

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

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: Sunny 69°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 5, 2023, a release of 6.2 barrels (bbls) from a separator occurred within secondary containment at the Newby 30N-34HZ facility occurred. As such, a Form 19 Initial/Supplemental Spill/Release Report (Document No. 403396708) was submitted on May 8, 2023 and the ECMC issued Spill/Release Point ID 484556. The release has been controlled and is not an active release. Assessment activities began on May 5, 2023. Groundwater was not encountered during excavation activities. Visual inspection and field screening of soil at the release location were conducted and a soil sample (SS01@0.5') was submitted for analysis of either full list Table 915-1 constituents to establish a waste profile. Laboratory analytical results indicated that TPH, BTEX, 1,2,4- and 1,3,5-TMBs, naphthalene, benzo(a)anthracene, 1-methylnaphthalene, 2-methylnaphthalene, EC, SAR, and boron impacts exceeding the ECMC Table 915-1 allowable levels and/or site-specific background levels were present at the site.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/5/2023	Surface Owner	Surface Owner	---	Notified via voicemail
5/5/2023	Weld County	Weld County	---	Notified via 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.
Yes	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.): _____ 68
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: <input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> 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 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: 08/11/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	2	2	<input type="checkbox"/>
CONDENSATE	2	2	<input type="checkbox"/>
PRODUCED WATER	2	2	<input 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>YES</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>40</u>		Width of Impact (feet): <u>34</u>	
Depth of Impact (feet BGS): <u>6</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Between May 5 and July 24, 2023, assessment activities were conducted to delineate remaining soil impacts at the release location. Confirmation soil samples were collected from the excavation at depths of 2 feet below ground surface (ft bgs), 4 ft bgs, and 6 ft bgs. Laboratory analytical results indicated all constituent concentrations were within the ECMC Table 915-1 allowable levels or within the analytical variability at all sample locations, with the exception of barium at the SS06@2' and SS07@6' locations. Excavation activities could not continue at the facility due to the active infrastructure at the location. Impacted soil remains in place at the western sidewall and base of the excavation. Kerr-McGee requests to leave the remaining impacted soil in place and to reassess the impacts when the facility is decommissioned. The PID readings and soil sample results are summarized in Table 1 and Table 2, respectively, and the laboratory report is attached.			
Soil/Geology Description:			
Silty Sand (SM)			
Depth to Groundwater (feet BGS) <u>20</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>850</u> None <input type="checkbox"/>	Surface Water <u>970</u> None <input type="checkbox"/>	
	Wetlands <u>690</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>	
	Livestock <u>2430</u> None <input type="checkbox"/>	Occupied Building <u>2500</u> None <input type="checkbox"/>	
Additional Spill Details Not Provided Above:			
Approximately 68 cubic yards of impacted soil were removed from the site and transported to the Aggregate Recycle Facility for recycling. Disposal records are kept on file and are available upon request.			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/11/2023

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 of 6.2 barrels from a separator occurred within secondary containment at the Newby 30N-34HZ Facility. This release has been controlled and is not an active release.

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

The release has been controlled and the equipment has been repaired.

Volume of Soil Excavated (cubic yards): 68

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment

☒ Other (specify) Aggregate Recycle Facility

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:

Based on the analytical and soil screening data provided herein, assessment is complete and 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: Gregory Hamilton

Title: Environmental Lead Date: 08/11/2023 Email: Gregory_Hamilton@oxy.com

COA Type**Description**

	<p>Background samples (BG03 and BG04) were collected from areas on-location/adjacent to the separator and are not representative of background conditions. These samples shall be omitted from future background determination calculations.</p> <p>Operator shall obtain background samples from locations sufficiently away from the impacted area to reflect conditions not impacted by oil and gas activity, from similar depths, and soil horizons or lithologic materials for comparison to confirmation soil samples.</p>
	Closure request removed. Supporting documentation on the next Form 19 shall include verification of the secondary containment liner integrity. If the liner integrity has been compromised, confirmation soil samples to document impacts to soil in the release area will be required.
2 COAs	

Attachment List**Att Doc Num****Name**

403490666	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403490693	ANALYTICAL RESULTS
403493758	SOIL SAMPLE LOCATION MAP
403493978	PHOTO DOCUMENTATION
403524757	FORM 19 SUBMITTED

Total Attach: 5 Files

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

		Stamp Upon Approval
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Total: 0 comment(s)