

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:

403520639

Date Received:

09/07/2023

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

485053

SPILL/RELEASE REPORT (INITIAL)

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>MARALEX RESOURCES INC</u>	Operator No: <u>53255</u>	Phone Numbers
Address: <u>P O BOX 338</u>		Phone: <u>(970) 5634000</u>
City: <u>IGNACIO</u> State: <u>CO</u> Zip: <u>81137</u>		Mobile: <u>()</u>
Contact Person: <u>Mollie O'Hare</u>		Email: <u>mollieo@maralexinc.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403520639

Initial Report Date: 09/05/2023 Date of Discovery: 08/17/2023 Spill Type: Recent Spill

Spill/Release Point Location:QTRQTR NENE SEC 2 TWP 33N RNG 7W MERIDIAN NLatitude: 37.137217 Longitude: -107.571556Municipality (if within municipal boundaries): _____ County: LA PLATA

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Reference Location:Facility Type: WELL SITE☒ Facility/Location ID No 306805Spill/Release Point Name: Drilling Site (mouse hole/rat hole)☐ 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): >=5 and <100Estimated Drilling Fluid Spill Volume(bbl): 0Specify: Fresh water that was used to drill rat hole and mouse holeHas the subject Spill/Release been controlled at the time of reporting? Yes**Land Use:**Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: Clear and sunnySurface Owner: FEE

Other(Specify): _____

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

During drilling operation of the Rat Hole and Mouse Hole, the pump to transfer the water to the cellar quit working. For several minutes, this was not realized until it was discovered that the water was running down to the county road. Operations ceased until the pump was fixed. The water being used in this drilling operation was fresh water. Please see attached water analysis. All soil is currently dry and was dry very soon after. BLM and SUIT representatives on site were not concerned with contamination.

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>
8/22/2023	Landowner	Jim Etzler	-	
8/18/2023	Southern Ute Indian Tribe		-	
8/18/2023	BLM	Rodney Brasher	-	
8/18/2023	ECMC/COGCC	Steve Labowskie	-	

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: Impacted

Public Water System: n/a

Residence or Occupied Structure: n/a

Livestock: n/a

Wildlife: Threatened to Impact

Publicly-Maintained Road: Threatened to Impact

Yes 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	<p>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:</p> <p><input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water</p> <p><input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater</p> <p><input type="checkbox"/> The presence of contaminated soil in contact with Groundwater</p> <p><input type="checkbox"/> The presence of contaminated soil in contact with Surface water</p>
Yes	<p>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.</p>
No	<p>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.</p> <p><input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way</p>
No	<p>Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.</p>
No	<p>Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.</p>

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: Mollie O'Hare

Title: EA Date: 09/07/2023 Email: molлиеo@maralexinc.com

<u>COA Type</u>	<u>Description</u>
	Operator shall collect surface water samples upstream and downstream of well pad to delineate possible surface water impacts.
	SPILL CLEAN UP In accordance with 912.a.(2) Operator will investigate, cleanup, and document impacts resulting from Spill and Releases as soon as the impacts are discovered.
	SOIL SAMPLING TABLE 915-1 PRODUCED WATER Operator shall collect confirmation soil samples as described in the Rule 915.e.(2) Guidance Document. Operator will analyze soil samples for TPH (C6-C36), Table 915-1 Organic Compounds in Soil, Table 915-1 metals, and Table 915-1 Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)).
	FORM 19 SUPPLEMENTAL 10 DAY REPORT Per Rule 912.b.(4), the Operator shall make a supplemental report on Form 19 not more than 10 calendar days after the spill/release is discovered that includes: A. A topographic map showing the governmental section and location of the spill or an aerial photograph showing the location of the spill B. All pertinent information about the spill/release known to the Operator that has not been reported previously including photo documentation showing the source of the Spill or Release, the impacted area, and initial cleanup activity C. Information relating to the initial mitigation, site investigation, and remediation measures conducted by the Operator D. Global Positioning System data that meets the requirements of Rule 216 if latitude and longitude data provided pursuant to Rule 912.b.(2).A did not meet the requirements of Rule 216.
	90 DAY CLOSURE Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i–iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director. Form 19 Supplemental is due by November 15, 2023.
	Operator shall attach SDS for the KCL additive used in the drilling mud on Form 19 Supplemental.
6 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403520639	SPILL/RELEASE REPORT(INITIAL)
403522239	ANALYTICAL RESULTS
403522731	PHOTO DOCUMENTATION
403522987	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

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

Total: 0 comment(s)