

State of Colorado  
Energy & Carbon Management Commission

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Document Number:

404101082

Date Received:

02/21/2025

Spill report taken by:

Heil, John

Spill/Release Point ID:

489294

**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>TEP ROCKY MOUNTAIN LLC</u>	Operator No: <u>96850</u>	<b>Phone Numbers</b>
Address: <u>1058 COUNTY ROAD 215</u>		Phone: <u>(970) 623-4875</u>
City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>		Mobile: <u>(970) 263-2760</u>
Contact Person: <u>Michael Gardner</u>		Email: <u>mgardner@terraep.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# 404091038

Initial Report Date: 02/12/2025 Date of Discovery: 02/11/2025 Spill Type: Recent Spill

**Spill/Release Point Location:**

QTRQTR NWNE SEC 18 TWP 2S RNG 97W MERIDIAN 6

Latitude: 39.882107 Longitude: -108.323086

Municipality (if within municipal boundaries): \_\_\_\_\_ County: RIO BLANCO

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: OIL AND GAS LOCATION  Facility/Location ID No 316591

Spill/Release Point Name: RG 41-18-297 Frac Pad  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 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 55 bbls

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: Cold, snowing at time of release

Surface Owner: FEDERAL

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

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

The end cap on the 12" (10" ID) suction manifold malfunctioned and separated while remote frac pumping, causing produced water to be released out of the end of the line. The pump operator shut down the boost pump immediately, which limited the release of production water to the volume held within the line. The area where the frac operations are occurring contains a poly liner secondary containment, which contained all of the released fluids and allowing onsite vac trailer equipment to recover 100% of the released volume, plus additional fluids from the snow melt.

**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>
	ECMC	John Heil	-	24-hr E-mail Notification
	BLM	Matt Dupire	-	24-hr E-mail Notification
	CPW	Taylor Elm	-	24-hr E-mail Notification
2/12/2025	Rio Blanco County	Ed Smercina	-	24-hr E-mail Notification
2/12/2025	Meeker Fire & Rescue	Chief Luke Pelloni	-	24-hr E-mail Notification

**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? \_\_\_\_\_

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.

Areas offsite of Oil & Gas Location     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: 02/20/2025

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>55</u>	<u>55</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	<u>0</u>	<u>0</u>	<input type="checkbox"/>

specify: 55 bbls of filtered & treated produced water

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): 30    Width of Impact (feet): 25

Depth of Impact (feet BGS): 0    Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Site evaluation and secondary containment inspection. Visual observations in conjunction with field screening instruments.

Soil/Geology Description:

Organic Silt/Clay (OH)

Depth to Groundwater (feet BGS) 200    Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	_____	None <input checked="" type="checkbox"/>	Surface Water	_____	None <input checked="" type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	_____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

All released treated and filtered produced water was captured within the poly lined secondary containment below the completions equipment. Onsite vac trailer was used to recover 100% of the released fluids, as well as additional fluids due to current snow fall. Recovered fluids were placed back within the water storage tanks to be used.

Soils around the edges of the poly secondary containment were evaluated and screening with a PID. No indications of soil impacts were observed. PID readings ranged from 1.3 - 16.5 ppm.

Surface water features (ephemeral drainages) located ~890 feet to the west, 1,592 feet to the southeast and 2,237 feet to the southwest and did not contain any live/flowing water at the time of the release. Live (flowing) water features, Black Sulphur Creek lies ~ 1.75 miles to the south and Piceance Creek lies approximately 1.55 miles to the east.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/20/2025

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

Faulty end cap on the 12" (10"ID) suction manifold

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

A faulty end cap on the 12" (10" IN) suction manifold malfunctioned and separated, allowing the treated and filtered produced water contained within the line to drain out into a poly lined secondary containment.

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

Continue with routine equipment inspection and maintenance, as well as ensuring proper secondary containment is present under equipment with higher risk for releases.

Volume of Soil Excavated (cubic yards): 0

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

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:

Please forward onto John Heil

This Supplemental Form 19 for the RG 41-18-297 release is being to comply with the 10-day spill reporting requirements per ECMC Rule 912.b.(4) as well as request closure of the release.

The produced water released had been previously filtered and treated and was all contained within the lined secondary containment below

the completions equipment. Onsite vac trailer equipment was utilized to recover all of the released fluids, as well as any additional fluid accumulation due the current snow fall.

The secondary containment liner was evaluated for integrity and no holes or cuts were discovered, ensuring no fluids escaped containment. Soils on the edge of the lined secondary containment where the release occurred were also evaluated visually and screened with a PID, results further confirmed no indications of impacts were present laterally outside of containment. Results from the PID ranged from 1.3 - 16.5 ppm.

Because all release fluids were contained within lined contained and were 100% recovered, as well as site investigation actions indicate no soils were impacts below or outside of containment, and the faulty end cap has been replaced. TEP is requesting closure of this release and No Further Action (NFA) be provided.

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

Signed: \_\_\_\_\_ Print Name: Kris Rowe  
 Title: TEP Environmental Date: 02/21/2025 Email: Krowe@terraep.com

<b>COA Type</b>	<b>Description</b>
1 COA	Based on a review of the information provided, it appears that no further action is necessary at this time and ECMC approves the closure request. Should conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards, or, if groundwater is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.

**ATTACHMENT LIST**

<b>Att Doc Num</b>	<b>Name</b>
404101082	FORM 19 SUBMITTED
404101192	SITE MAP
404101258	PHOTO DOCUMENTATION

Total Attach: 3 Files

**General Comments**

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

Total: 0 comment(s)