

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

402908910

Date Received:

12/26/2021

Spill report taken by:

Heil, John

Spill/Release Point ID:

481322

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

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402908910

Initial Report Date: 12/26/2021 Date of Discovery: 12/23/2021 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SESE SEC 1 TWP 2S RNG 98W MERIDIAN 6

Latitude: 39.899218 Longitude: -108.336276

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.

Reference Location:

Facility Type: PRODUCED WATER TRANSFER SYSTEM Facility/Location ID No _____

Spill/Release Point Name: Ryan Gulch Mud Can #2.0 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): >=100

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

Specify: 320 bbls produced water

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: Overcast, raining, cold

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 release was discovered on December 23, 2021 at the Mud Can 2.0 where produced water was found flowing out of the can and into a nearby sediment catch basin. Immediately upon discovery, the affected water lines were shut-in and vac trucks were dispatched to begin recovering water that was collecting in the sediment pond located immediately adjacent to the valve can. Crews recovered ~300 bbls of produced water from the nearby sediment pond. Fortunately, the sediment pond served as an effective containment vessel for the release, and there was no water escaped the sediment pond. After water was evacuated from the valve can, production personnel discovered that the cause of the spill was due to a leak that had developed in a new 4-inch Flex-pipe leg that was recently tied into the valve can. The flex- pipe appears to have failed about 3 feet from the tie-in fitting. The exact cause of the why the new pipe failed at this location is under investigation.

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/24/2021	Meeker Fire and Rescue	Chief Luke Pelloni	-	Initial 24-hr notification email
12/24/2021	Rio Blanco County	Edward Smercina	-	Initial 24-hr notification email
12/24/2021	CPW	Taylor Elm	-	Initial 24-hr notification email
12/24/2021	BLM	Matt Dupire	-	Initial 24-hr notification email
12/24/2021	COGCC	John Heil	-	Initial 24-hr notification 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: n/a Public Water System: n/a

Residence or Occupied Structure: n/a Livestock: _____

Wildlife: _____ Publicly-Maintained Road: _____

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.

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.): 20

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
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 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
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.

OPERATOR COMMENTS:

The total volume of the release is estimated to be approximately 320 bbls of produced water, of which, approximately 300 bbls were recovered by vac trucks from the sediment pond. The location of the spill is in the bottom of Ryan Gulch itself; however, there is no defined channel (or surface water flow) within Ryan Gulch at the actual location of the spill. Due to its location, the spill did not impact or threaten to impact any surface water or ground water resources. There is no contiguous channel within Ryan Gulch between the spill location and Piceance Creek, located approximately 2.58 miles below the spill location.

Temporary repairs to the pipeline were completed on December 24, 2021, and permanent repairs will be completed during the week of December 28-31, 2021. Soil samples from the impacted area will also be collected during the week of December 28 – 31, 2021 to determine if COGCC cleanup standards have been exceeded. Soil samples will be sent to a commercial, accredited lab for full analysis of COGCC 915-1 constituents. An Initial Spill Report Form 19 with additional information / details will be submitted to COGCC by December 26, 2021, and a Supplemental Form 19 will be submitted by January 3, 2022.

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

Signed: _____ Print Name: Michael Gardner
Title: TEP ENV Date: 12/26/2021 Email: mgardner@terraep.com

Condition of Approval

<u>COA Type</u>	<u>Description</u>
	On the 10 day Form 19 – Supplemental operator shall comply with Rule 912.b.(4).B and include all pertinent information about the Spill or 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.
	Operator shall provide information on the location of the failure (i.e. 6 O'clock position), the operating pressure and burial depth of the 4-inch Flex-pipe leg.
	Per Rule 913.b.(2), the Operator will conduct sampling and analysis of soil, and groundwater--if encountered, to determine the horizontal and vertical extent of any contamination in excess of the cleanup concentrations in Table 915-1 for soil and groundwater. The Operator shall analyze samples for the complete Table 915-1 list and shall delineate the extent of impacts using the Table 915-1 Protection of Groundwater Soil Screening Level Concentrations.
3 COAs	

Attachment List

Att Doc Num	Name
402908910	SPILL/RELEASE REPORT(INITIAL)
402908912	AERIAL IMAGE
402909676	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Environmental	DNR Water Well Permit Number 4830 located approximately 0.72 miles southwest of the spill/release point reports a depth to groundwater of 50 feet.	12/27/2021
Environmental	Based on COGCC GIS Online 24K Topography Map, the spill/release occurred approximately 70 feet northwest of Ryan Gulch. Doc #402908912 depicts the approximate impacted area from the spill/release, which extends into what is labeled as Ryan Gulch on COGCC GIS Online 24K Topography Map. Due to the proximity of the spill/release to Ryan Gulch, the operator threatened to impact Waters of the State.	12/27/2021

Total: 2 comment(s)