

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402829267

Date Received:

10/02/2021

Spill report taken by:

Heil, John

Spill/Release Point ID:

481103

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>TEP ROCKY MOUNTAIN LLC</u>	Operator No: <u>96850</u>	Phone Numbers
Address: <u>1058 COUNTY ROAD 215</u>		Phone: <u>(970) 623-4875</u>
City: <u>PARACHUTE</u>	State: <u>CO</u>	Mobile: <u>(970) 263-2760</u>
Zip: <u>81635</u>		Email: <u>mgardner@terraep.com</u>
Contact Person: <u>Michael Gardner</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# 402827684

Initial Report Date: 09/30/2021 Date of Discovery: 09/27/2021 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNW SEC 28 TWP 6S RNG 95W MERIDIAN 6Latitude: 39.495840 Longitude: -108.009250Municipality (if within municipal boundaries): _____ County: GARFIELD

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 335129Spill/Release Point Name: PA 12-28-695 Well 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=5 and <100Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0Specify: ~ 11 bbls of produced water outside of containmentHas the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Over-cast, cool, windySurface Owner: FEEOther(Specify): BLM

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

A TEP pumper discovered produced water leaking out of the production separator. The pumper found that a 1-inch produced water dump line inside the separator was broken. The produced water leaked outside of the separator and soaked into the soils on the south and west sides of the separator. No fluids could be recovered. The cause of the spill is corrosion of the threads on the carbon steel water line. Immediately upon discovery, TEP personnel isolated the defective line in the separator. The line was immediately replaced, tested, and has been put back into service. Soil samples were collected from impacted areas outside of the separator. The samples were field-screened for Total Petroleum Hydrocarbon (TPH) content, which ranged from 94 ppm to 444 ppm. TEP is in the process of excavating the contaminated soils which will be taken to an off-site commercial disposal facility. No ground/surface resources water or public water systems were threatened or impacted by this release.

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>
9/27/2021	COGCC	John Heil	-	Initial 24-hour Notification - email
9/27/2021	BLM	Doug Jones	-	Initial 24-hour Notification - email
9/27/2021	GarCo	Kirby Wynn	-	Initial 24-hour Notification - email
9/27/2021	CPW	Taylor Elm	-	Initial 24-hour Notification - email
9/27/2021	GVFPD	Chief David Blair	-	Initial 24-hour 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: _____ Public Water System: _____ Residence or Occupied Structure: _____ 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.): _____ 80

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 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.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/01/2021		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	11	0	<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: 11 bbls produced water			
Was spill/release completely contained within berms or secondary containment? <u>NO</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>45</u>		Width of Impact (feet): <u>20</u>	
Depth of Impact (feet BGS): <u>1</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
visual assessments, field screening and confirmation sampling			
Soil/Geology Description:			
CL - clay of low plasticity, lean clay			
Depth to Groundwater (feet BGS) <u>130</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>2890</u>	None <input type="checkbox"/>	Surface Water <u> </u> None <input checked="" type="checkbox"/>
	Wetlands <u> </u>	None <input checked="" type="checkbox"/>	Springs <u> </u> None <input checked="" type="checkbox"/>
	Livestock <u>3000</u>	None <input type="checkbox"/>	Occupied Building <u>3000</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

Nearest water well is located 2,890 feet to the southeast (Well Permit # 164810) and indicates a static water level of 130 feet. Ephemeral drainage (Cottonwood Gulch) is located 940 feet to the east, but did not contain any live water at the time of the release. Nearest live surface water is the Colorado River located 7,950 feet to the east.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/01/2021

Root Cause of Spill/Release Corrosion

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 1-inch produced water dump line inside the separator was broken due to corrosion of the threads on the carbon steel water line, allowing production water to leak out.

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

The compromised section of the water line on the separator unit was replaced.

Volume of Soil Excavated (cubic yards): 30

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 Jonh Heil

This Supplemental Form 19 is being submitted to comply with the 10 day reporting requirement as per COGCC rules 912.b(4).

The compromised section of a produced water dump line on the separator has been replaced. Samples have been collected as outlined within the attached map and will be provided in Supplemental Form 19 information. Any impacted soils will be hauled offsite for disposal.

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 Environmental Date: 10/02/2021 Email: mgardner@terraep.com

Condition of Approval

COA Type

Description

	Operator shall comply with Rule 913.b.(2) and conduct sampling and analysis of soil and Groundwater (if encountered or a pathway to groundwater is determined) pursuant to Rule 915 to determine the horizontal and vertical extent of any contamination in excess of the cleanup concentrations in Table 915-1 or in WQCC Regulation 41 numeric and narrative Groundwater quality standards and classifications, as incorporated by reference in Rule 901.b.
1 COA	

Attachment List

Att Doc Num

Name

402829267	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402829290	SOIL SAMPLE LOCATION MAP
402894948	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)