

State of Colorado Oil and Gas Conservation Commission

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Document Number:

401667470

Date Received:

06/08/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

455336

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 906.b. for reporting requirements of spills or releases of E&P Waste or produced fluids. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>TEP ROCKY MOUNTAIN LLC</u>	Operator No: <u>96850</u>	Phone Numbers
Address: <u>PO BOX 370</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# 401664030

Initial Report Date: 06/05/2018 Date of Discovery: 06/04/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 29 TWP 6s RNG 95w MERIDIAN 6

Latitude: 39.489747 Longitude: -108.023362

Municipality (if within municipal boundaries): _____ County: GARFIELD

Reference Location:

Facility Type: WELL PAD☒ Facility/Location ID No 335238Spill/Release Point Name: _____ ☐ No Existing Facility or Location ID No.Number: _____ ☐ Well API No. (Only if the reference facility is well) 05- _____

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? No

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0Estimated Condensate Spill Volume(bbl): >=1 and <5Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): 0Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0Specify: ~ 4.0 bbls condensate

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Clear, hot, breezySurface Owner: FEDERAL

Other(Specify): _____

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State ☐ Residence/Occupied Structure ☐ Livestock ☐ Public Byway ☐ Surface Water Supply Area ☒

As defined in COGCC 100-Series Rules

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

Corroded thermo-well on a low-pressure separator failed resulting in the release of approximately 4 bbls of condensate at the location. The release was confined to a small area immediately surrounding the low-pressure separator. Upon discovery, the separator was immediately shut in, and a hydro-vac truck was dispatched to the site to hydro-excavate as much of the impacted soil as possible. If the vac truck cannot sufficiently clean the impacted area, the separator will be moved and soils will be excavated using heavy equipment. Impacted soils will be taken to an approved off-site facility for disposal.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/5/2018	COGCC	Stan Spencer	970-987-2891	Initial Form 19
6/5/2018	BLM	Jim Byers	970-319-2532	Initial Form 19 and email
6/5/2018	GarCo	Kirby Wynn	970-987-2557	email
6/5/2018	GVFPD	David Blain	970-285-9119	

Was there a Grade 1 Gas Leak associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with this E & P waste spill or release? Yes ☐ No ☒

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 06/08/2018
Cause of Spill (Check all that apply) <input type="checkbox"/> Human Error <input checked="" type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown <input type="checkbox"/> Other (specify) _____	
Describe Incident & Root Cause (include specific equipment and point of failure)	
<div>These responses are provided as requested from Mark Schlagenhauf in an email dated June 6, 2018, and as related to document number 401664030. 1) Root Cause and Corrective Action: Thermowell failure is an extremely rare event. We have many separators with multiple thermowells, and rarely have a thermowell failure problem. In this instance, it is possible that the root cause of the failure is related to some type of material defect with the composition of the thermowell itself which led to the corrosion of the thermowell inside the vessel. We have production technicians performing site equipment inspections almost daily. Routine and frequent inspection is the key to early detection.</div>	
Describe measures taken to prevent the problem(s) from reoccurring:	
<div>2) Have other thermowells in other on-site separators been inspected? There is only one low-pressure separator at this location. TEP has already replaced both the thermowell and the thermocouple for this vessel. 3) Which well is associated with this separator? This low pressure separator is not dedicated to any single well. It can service any or all of the wells on this pad as needed. 4) What was the thermowell material? The thermowell is made from stainless steel.</div>	
Volume of Soil Excavated (cubic yards): _____	
Disposition of Excavated Soil (attach documentation) <input type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment <input type="checkbox"/> Other (specify) _____	
Volume of Impacted Ground Water Removed (bbls): _____	
Volume of Impacted Surface Water Removed (bbls): _____	

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)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

OPERATOR COMMENTS:

Site cleanup activities are beginning today (June 8, 2018). Contaminated soils will be excavated and will either be temporarily land-farmed on-site, or will be hauled for off-site disposal at a facility approved to receive and dispose of oily contaminated soils (i.e., E&P wastes).

Please route this information to Mark Schlagenhauf and Stan Spencer.

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: 06/08/2018 Email: mgardner@terraep.com

Condition of Approval

COA Type

Description

0 COA

Attachment List

Att Doc Num

Name

2302272	OTHER
401667470	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401668844	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

User Group

Comment

Comment Date

Engineer	Added photo of corroded thermowell from Mike Gardner email. TEP says they will try and send the stainless steel thermowell back to manufacturer for analysis.	06/08/2018
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Total: 1 comment(s)