

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:

401670150

Date Received:

06/12/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

455334

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# 401657852

Initial Report Date: 05/31/2018 Date of Discovery: 05/30/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 16 TWP 1S RNG 98W MERIDIAN 6

Latitude: 39.958751 Longitude: -108.403893

Municipality (if within municipal boundaries): _____ County: RIO BLANCO

Reference Location:

Facility Type: WELL PAD ☒ Facility/Location ID No 316544
 Spill/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? No
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? Yes

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: Estimated total spill volume is 110 bbls inside containment

Land Use:

Current Land Use: NON-CROP LAND Other(Specify): _____

Weather Condition: Clear, warm, breezy

Surface Owner: FEDERAL Other(Specify): BLM

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):

A small hole was discovered near the bottom of a 300 bbl produced water tank resulting in the release of approximately 110 bbls of produced water into the earthen-bermed secondary containment structure. The root cause of this incident is equipment failure due to internal corrosion of the produced water storage tank. All fluids from this release were contained to the confines of the secondary containment structure. Upon discovery, the tank was immediately taken out of service and the remaining contents were transferred into an adjacent on-site PW tank. The soils impacted by this release were Petro-Flagged on May 30, 2018. The results of the PF test were 127 ppm and 45 ppm, respectively, and indicate that the water contained very low concentrations of TPH, and were below COGCC cleanup standards. Soil samples were also collected and have been sent to an off-site lab to confirm that all cleanup standards have been met that there are no additional cleanup / remediation requirements.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/30/2018	COGCC	Stan Spencer	970-987-2891	Email and initial Form 19
5/30/2018	BLM	Tracy Perfors	970-317-1534	Email and initial Form 19
5/30/2018	Rio Blanco County	Lannie Massey	970-878-9586	Email
5/30/2018	Meerker Fire and Rescue	Steve Allen	970-756-0990	Email

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:	06/12/2018
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>The following are responses to questions from Mark Schlagenhauf in an email dated 6/6/18. Question #1. Document the root cause of the internal corrosion and explain corrective actions that will be taken to prevent reoccurrence. Response #1: Pin-hole leaks in water tanks are usually caused by internal corrosion of the tank resulting from bacteria in the water. The primary corrective action to prevent this from happening is replacing the defective tank with an internally-coated tank. The internally coated tanks have proven to be much more effective at preventing internal corrosion. Question #2. How old was this water tank? Response #2: The tank is 9.5 years old. Question #3: Do you see this corrosion as a potential issue for flowlines and other facilities at this site or with other tanks in this area: Response #3: Corrosion is an on-going maintenance item with all equipment. That is why TEP has implemented an aggressive internal inspection and maintenance process for all equipment and flowlines.</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div>In addition to our inspection and maintenance program, TEP implements the following preventative measures: 1) Conduct routine and continuous pressure testing of all flowlines. Any leaks are quickly identified and repaired. 2) TEP is moving away from burying flowlines near the production equipment. Running the equipment above ground enables a quick and easy visual inspection to determine any leaks or other potential issues associated with these flowlines. 3) Replacing defective / corroded tanks with internally-coated tanks.</div>		
Volume of Soil Excavated (cubic yards): 0		
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): 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)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

OPERATOR COMMENTS:

This supplemental form 19 is being submitted to provide responses to questions posed by Mark Schlagenhauf in an email dated 6-6-18. An additional supplemental form-19 will be submitted with the analytical data and request for closure.

Please route 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: 06/12/2018 Email: mgardner@terraep.com

Condition of Approval

COA Type

Description

0 COA

Attachment List

Att Doc Num

Name

401670150	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401672956	FORM 19 SUBMITTED

Total Attach: 2 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)