

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:

401716495

Date Received:

08/14/2018

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) 263-2790</u>
City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>		Mobile: <u>()</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: _____

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 07/26/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	110	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: 110 bbls of 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) <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): 20		Width of Impact (feet): 30	
Depth of Impact (feet BGS): 2		Depth of Impact (inches BGS):	
How was extent determined?			
Visual observations, field screening			
Soil/Geology Description:			
Yamac Loam			

Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest	Water Well	<u>1850</u>	None <input type="checkbox"/>	Surface Water	<u>2070</u>	None <input type="checkbox"/>
	Wetlands	<u> </u>	None <input checked="" type="checkbox"/>	Springs	<u> </u>	None <input checked="" type="checkbox"/>
	Livestock		None <input checked="" type="checkbox"/>	Occupied Building		None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

Field screening of the soils indicated a very low TPH concentration, so confirmation samples were collected to determine if excavation was necessary. Confirmation results indicated that soils did not exceed COGCC Table 910-1 thresholds. The tank was taken out of service and decommissioned.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	07/26/2018
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Cause of Spill (Check all that apply) ☐ Human Error ☒ Equipment Failure ☐ Historical-Unknown

☐ Other (specify) _____

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

Corroded hole in the tank allowed produced water to be released. All released produced water was captured within the secondary containment around the tanks.

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

Continue routine equipment inspections and maintenance as needed.

Volume of Soil Excavated (cubic yards): 0

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

☒ Other (specify) N/A

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:

Please forward onto Stan Spencer for reivew

Request to close the spill on the RGU 14-16 (Spill ID 455335) as the soils where the release occurred do not exceed COGCC Table 910-1 thresholds.

Please note that COGCC inspection Doc# 690300281 references estimated spill volume to be 1110, which appears to be a typo as the actual release was 110 bbl.

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: 08/14/2018 Email: MGardner@terraep.com

COA Type

Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401716495	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401716521	ANALYTICAL RESULTS
401716523	SITE MAP
401733601	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or remediation activities may be required	08/14/2018

Total: 1 comment(s)