

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401513899

Date Received:

01/17/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

452928

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: TEP ROCKY MOUNTAIN LLC	Operator No: 96850	Phone Numbers
Address: PO BOX 370		Phone: (970) 623-4875
City: PARACHUTE	State: CO Zip: 81635	Mobile: ()
Contact Person: Michael Gardner		Email: MGardner@terraep.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401448363

Initial Report Date: 11/02/2017 Date of Discovery: 10/30/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENW SEC 29 TWP 6S RNG 96W MERIDIAN 6

Latitude: 39.502159 Longitude: -108.132200

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: TANK BATTERY Facility/Location ID No 452926
 No Existing Facility or Location ID No.
 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): >=5 and <100

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

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

Specify: Total spill estimated at 60 bbls (30 bbls produced water & 30 bbls condensate)

Land Use:

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

Weather Condition: High clouds, cold, breezy

Surface Owner: FEE 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):

Production personnel discovered a condensate tank had developed a leak since the last site visit on 10/27/17. It is estimated that approximately 60 bbls of fluid leaked into the lined, metal secondary containment structure. Production personnel stated that the fluids consisted of a 50/50 mix of produced water and condensate. Personnel used vac trucks to recover all free liquids from the containment structure. The primary cause of the leaking tank is equipment failure due to internal corrosion of the tank. The defective tank will be replaced with a new, smaller, internally-coated tank. Production personnel are also evaluating the integrity of other tanks at the facility that are approximately the same age as the tank that failed. Because all fluids were contained within the secondary containment structure and recovered, there are no off-site impacts associated with this incident, and no further remediation is required.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
10/31/2017	Stan Spencer	COGCC	970-987-2891	Voice mail message and email notification.
10/31/2017	Kirby Wynn	GarCo	970-987-2557	Voice mail message and email notification.
10/31/2017	GVFPD	Chief David Blair	970-285-9119	Email notification.
10/31/2017	Land owner		-	Notifications made by TEP Operations / Land staff

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 01/15/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>30</u>	<u>30</u>	<input type="checkbox"/>
PRODUCED WATER	<u>30</u>	<u>30</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<input type="checkbox"/>

specify: 60 bbls total (30 bbls produced water & 30 bbls condensate)

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) Soil Groundwater Surface Water Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 75 Width of Impact (feet): 30

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): _____

How was extent determined?

Visual observations and liner inspection to ensure lined containment properly functioned

Soil/Geology Description:

CL - clay of low plasticity, lean clay

Depth to Groundwater (feet BGS) 50 Number Water Wells within 1/2 mile radius: 18

If less than 1 mile, distance in feet to nearest

Water Well	<u>18</u>	None	<input type="checkbox"/>	Surface Water	<u>1500</u>	None	<input type="checkbox"/>
Wetlands	_____	None	<input checked="" type="checkbox"/>	Springs	_____	None	<input checked="" type="checkbox"/>
Livestock	_____	None	<input checked="" type="checkbox"/>	Occupied Building	_____	None	<input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

Dry ephemeral drainage located ~500ft to the north. All released produced water and condensate were captured within the poly lined secondary containment. After a vac truck recovered all released liquids, a liner inspection confirmed that no holes were tears were present. No impacts to the underlying soils occurred.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/15/2018

Cause of Spill (Check all that apply) Human Error Equipment Failure Historical-Unknown
 Other (specify) hole on production tank

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

A hole developed within the production tank, releasing a 50/50 mixture of produced water and condensate. All released liquids were captured within the secondary containment and recovered with a vac truck and returned to the tanks. The tank containing the hole was taken out of service until it can be repaired or replaced.

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

Other tanks within the containment and similar in age were inspected for potential failure points. Any tanks with possible failure points will be tanked out of service and repaired or replaced.

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 review.

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: 01/17/2018 Email: MGardner@terraep.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
401513899	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401513942	SITE MAP
401517944	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Based on review of information presented it appears that no further action is necessary at this time, and 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 significantly impacted, then further investigation and/or remediation activities may be required at the site.	01/18/2018

Total: 1 comment(s)