

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401513807

Date Received:

01/31/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

452929

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	<b>Phone Numbers</b>
Address: PO BOX 370		Phone: (970) 263-2760
City: PARACHUTE	State: CO Zip: 81635	Mobile: (970) 623-48975
Contact Person: Michael Gardner		Email: mgardner@terraep.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401448554

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 SENW SEC 6 TWP 7S RNG 95W MERIDIAN 6

Latitude: 39.468760 Longitude: -108.041990

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: WELL PAD  Facility/Location ID No 334965  
 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? 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? 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): >=5 and <100

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

Specify: Total release is estimated at 10 bbls of produced water

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):

Pumper discovered that a produced water tank had overflowed over the weekend (October 28-29, 2017) which resulted in the release of an estimated 10 bbls of produced water inside an earthen secondary containment structure. The overflow was caused by an alarm failure which would have alerted operators to high fluid levels within the tank. The alarm failure is also attributed to a recent "network patch" which erased the alarm settings. Production personnel are reconfiguring the alarm settings to ensure that the alarm system is working properly. The fluids were contained within the secondary containment structure and were recovered using vac trucks. Initial field screenings indicate that the soils contain elevated levels of TPH and will require remediation. Maintenance personnel are excavating contaminated soils which will be temporarily land-farmed on site. Once completed, soil samples will be collected to confirm that COGCC cleanup standards have been met.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
10/31/2017	Stan Spencer	COGCC	970-263-2760	Voice mail message and email notification.
10/31/2017	Kirby Wynn	GarCo	970-623-4875	Voice mail message and email notification.
10/31/2017	Chief David Blair	CVFPD	970-285-9119	Email notification
10/31/2017	Land Owner		-	Notifications made by TEP Land Department

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 01/15/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	10	6	<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: 10 bbls total (6 recovered)

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): 40 Width of Impact (feet): 20

Depth of Impact (feet BGS): 2 Depth of Impact (inches BGS): 0

How was extent determined?

Visual observations and confirmation sampling

Soil/Geology Description:

CL - Clay of low plasticity, lean clay

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

If less than 1 mile, distance in feet to nearest

Water Well	<u>2300</u>	None <input type="checkbox"/>	Surface Water	<u>3100</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	<u>3500</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Impacted soils within the earthen bermed containment were excavated and stockpiled on-site to be treated & landfarmed or disposed. Impacted soils were turned via backhoe and on a bi-weekly schedule, depending on weather. Samples were collected on 1/18/18, where results confirmed that soils satisfy COGCC Table 910-1. Soils will be beneficially re-used on-site.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/15/2018

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)

Alarm failure allowed produced water to overflow the production tank. Vac truck was used to recover ~6 bbls of released liquids. Soils exceeding COGCC Table 910-1 were excavated and stockpiled on-site to be landfarmed or disposed.

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

Equipment replacement and inspections on older equipment

Volume of Soil Excavated (cubic yards): 50

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)  
 Work proceeding under an approved Form 27  
Form 27 Remediation Project No: \_\_\_\_\_

### OPERATOR COMMENTS:

Please forward onto Stan Spencer for review.  
Release has been remediated and excavated soil confirmation samples indicate soils satisfy COGCC Table 901-1.

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: 01/31/2018 Email: mgardner@terraep.com

COA Type	Description

### Attachment Check List

Att Doc Num	Name
401513893	ANALYTICAL RESULTS
401513894	SITE MAP
401529940	ANALYTICAL RESULTS

Total Attach: 3 Files

### General Comments

**User Group**

**Comment**

**Comment Date**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)