

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401614658

Date Received:

04/24/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

448523

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: ( )
Contact Person: Michael Gardner		Email: mgardner@terraep.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401157671

Initial Report Date: 11/29/2016 Date of Discovery: 11/29/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SENW SEC 36 TWP 6S RNG 94W MERIDIAN 6

Latitude: 39.485090 Longitude: -107.840760

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: WELL PAD  Facility/Location ID No 323840

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? 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): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=1 and <5

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

Specify:

Land Use:

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

Weather Condition: Overcast. Light snow.

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):

A pin-hole leak was discovered in a produced water dump line inside a separator at approximately 12:30 p.m. this afternoon. It is estimated that approximately 2 bbls of produced water was released from the pin-hole. The water ran outside of the separator and pooled in a low spot on the NW corner of the perimeter berm. A vac-truck was used to recover about 10 gallons of the produced water. Production personnel discovered the leak quickly and the defective dump line was replaced within 2-3 hours of discovery. A field screen of the impacted soils indicate there is minimal hydrocarbon impacts; therefore, it is proposed that the impacted area be treated in-situ and periodically monitored to verify that COGCC 910-1 clean-up standards are met.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
11/29/2016	COGCC	Stan Spencer	970-987-2891	Initial Form 19
11/29/2016	Garfield County	Kirby Wynn	970-987-2557	Email
11/29/2016	GVFPD	David Blair	970-625-8095	Email
11/29/2016	Surface owner		-	Called by TEP land department

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 04/19/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>2</u>	<u>0</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: 2 bbls with ~10 gal recovered

Was spill/release completely contained within berms or secondary containment? NO 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): 10 Width of Impact (feet): 10

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 6

How was extent determined?

Field screening and confirmation analytical results

Soil/Geology Description:

Ildefonso Stony Loam, 6-12 slopes

Depth to Groundwater (feet BGS) 75 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well	<u>2550</u>	None <input type="checkbox"/>	Surface Water	<u>2600</u>	None <input type="checkbox"/>
Wetlands		None <input checked="" type="checkbox"/>	Springs		None <input checked="" type="checkbox"/>
Livestock	<u>2800</u>	None <input type="checkbox"/>	Occupied Building	<u>2800</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Field screening indicated minor hydrocarbon concentrations. Due the integrity & safety concerns by removing the impacted material, soils were treated in-situ with a bioremediation liquid and mixed thoroughly the soil. Confirmation analytical indicates that the soils satisfy COGCC Table 910-1 and no excavation is necessary.

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/19/2018

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)

A small pinhole leak developed on the produced water dump line within a separator. Approximately 2 bbls of produced water accumulated within the earthen berm containment around the separator unit.

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

N/A - equipment failure. Earthen berm acted as intended and prevented spill from migrating off location or laterally onto the pad.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation)  Offsite Disposal  Onsite Treatment  
 Other (specify) in-situ \_\_\_\_\_

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

Terra is requesting closure of the GV 15-36 release (spill ID 448523) as soils satisfy COGCC Table 910-1 and no excavation is required.

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: Environmental Specialist Date: 04/24/2018 Email: mgardner@terraep.com

COA Type	Description

## Attachment Check List

Att Doc Num	Name
401614735	ANALYTICAL RESULTS
401614736	SITE MAP

Total Attach: 2 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)