

**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:

401085827

Date Received:

07/28/2016

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

446143

## SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. 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>	<b>Phone Numbers</b>
Address: <u>PO BOX 370</u>		Phone: <u>(970) 263-2760</u>
City: <u>PARACHUTE</u>	State: <u>CO</u>	Mobile: <u>(970) 623-4875</u>
Zip: <u>81635</u>		Email: <u>mgardner@terraep.com</u>
Contact Person: <u>Michael Gardner</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401061550

Initial Report Date: 06/11/2016      Date of Discovery: 06/10/2016      Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release:    QTRQTR    SESE    SEC    23    TWP    1S    RNG    98W    MERIDIAN    6

Latitude: 39.943532      Longitude: -108.353996

Municipality (if within municipal boundaries): \_\_\_\_\_ County: RIO BLANCO

#### Reference Location:

Facility Type: PIPELINE      ☐ Facility/Location ID No. \_\_\_\_\_  
☐ No Existing Facility or Location ID No.  
☒ Well API No. (Only if the reference facility is well)      05-103-11979

#### 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: \_\_\_\_\_

#### Land Use:

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

Weather Condition: hot, sunny, no wind

Surface Owner: FEDERAL      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):

The spill was caused by equipment failure. During fracing operation on the RGU 33-23-198 well, a union on an above ground frac line washed out and approximately 7 bbls of produced water sprayed off location on the pipeline right of way located southeast of the pad. The impacted area was mapped and screened for hydrocarbons. Initial screening indicated that the hydrocarbon impacts are below the COGCC cleanup standards. Two confirmation samples were collected and will be sent to a lab on Monday, June 13, 2016.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
6/11/2016	COGCC	Stan Spencer	970-625-2497	Initial Form 19
6/11/2016	Rio Blanco County	Lannie Massey	970-878-9586	Email
6/11/2016	BLM	James Roberts	970-878-3873	Voicemail
6/11/2016	Fire Department	Marshall Cook	-	Email

**SPILL/RELEASE DETAIL REPORTS**

#1	Supplemental Report Date: 07/28/2016		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	7	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: _____			
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
<b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>			
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): 50		Width of Impact (feet): 20	
Depth of Impact (feet BGS): _____		Depth of Impact (inches BGS): _____	
How was extent determined?			
Field observation and PID screening tools			
Soil/Geology Description:			
Rentac channery loam, 5 to 50 percent slopes			
Depth to Groundwater (feet BGS) 507		Number Water Wells within 1/2 mile radius: 6	
If less than 1 mile, distance in feet to nearest		Water Well 4493 None <input type="checkbox"/> Surface Water 519 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:			

Two soil samples were collected to determine impacts. Results are as follows: Sample #1 (Point of Origin): TPH concentrations were 260 mg/Kg. Sample #2: End Point (of impact): TPH concentrations were 51 mg/Kg. Analytical data for both sample points were below COGCC 910-1 clean-up standards. No further action is required.

## CORRECTIVE ACTIONS

#1	Supplemental Report Date: 07/28/2016
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 spill was caused by equipment failure. During fracing operations on the RGU 33-23-198 well, a union on an above-ground frac lin washed out and approximately 7 bbls of produced water sprayed off location onto the pipeline right of way located southeast of the pad. The impacted area was mapped and screened for hydrocarbons. Initial screen indicated that the hydrocarbon impacts are below the COGCC cleanup standards. Two confirmation samples were collected and sent to the lab for analysis on June 13, 2016.</div>	
Describe measures taken to prevent the problem(s) from reoccurring: <div>Contractors instructed to increase inspections of equipment and repair/replace worn parts as soon as possible.</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:

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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: EHS Date: 07/28/2016 Email: mgardner@terraep.com

## COA Type

## Description

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## Attachment Check List

Att Doc Num	Name
401085827	FORM 19 SUBMITTED
401085831	ANALYTICAL RESULTS
401085884	SITE MAP

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.	8/1/2016 10:23:57 AM

Total: 1 comment(s)