

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401712649

Date Received:

08/14/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

455336

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) 263-2760</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# 401664030

Initial Report Date: 06/05/2018 Date of Discovery: 06/04/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESW SEC 29 TWP 6s RNG 95w MERIDIAN 6

Latitude: 39.489747 Longitude: -108.023362

Municipality (if within municipal boundaries): _____ County: GARFIELD

Reference Location:

Facility Type: WELL PAD ☒ Facility/Location ID No 335238
 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): >=1 and <5

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

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

Specify: ~ 4.0 bbls condensate

Land Use:

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

Weather Condition: Clear, hot, breezy

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):

Corroded thermo-well on a low-pressure separator failed resulting in the release of approximately 4 bbls of condensate at the location. The release was confined to a small area immediately surrounding the low-pressure separator. Upon discovery, the separator was immediately shut in, and a hydro-vac truck was dispatched to the site to hydro-excavate as much of the impacted soil as possible. If the vac truck cannot sufficiently clean the impacted area, the separator will be moved and soils will be excavated using heavy equipment. Impacted soils will be taken to an approved off-site facility for disposal.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/5/2018	COGCC	Stan Spencer	970-987-2891	Initial Form 19
6/5/2018	BLM	Jim Byers	970-319-2532	Initial Form 19 and email
6/5/2018	GarCo	Kirby Wynn	970-987-2557	email
6/5/2018	GVFPD	David Blain	970-285-9119	

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: 07/24/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	4	0	<input type="checkbox"/>
PRODUCED WATER	0	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: 4 bbls			
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) <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): 10		Width of Impact (feet): 10	
Depth of Impact (feet BGS): 1		Depth of Impact (inches BGS):	
How was extent determined?			
Visual observations, field screening, and confirmation data			
Soil/Geology Description:			
Badland, Clay of low plasticity, lean clay			

Depth to Groundwater (feet BGS) 110 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 3931 None ☐ Surface Water None ☒

Wetlands None ☒ Springs None ☒

Livestock None ☒ Occupied Building None ☒

Additional Spill Details Not Provided Above:

Dry ephemeral drainage lies approximately 1590ft to the east. All impacted material within the earthen bermed containment has been excavated and were placed within a secondary containment. Confirmation samples from the excavation indicate that the soils satisfy COGCC Table 910-1. Follow-up sampling of the excavated material indicates that the soils does not exceed COGCC Table 910-1 and disposal is not required.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 07/24/2018

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)

Equipment failure - corroded thermo well allowed condensate to be released on low pressure separator. The thermo-well was replaced to prevent any additional from leaking out. Corroded thermo-well on a low-pressure separator failed.

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

Thermo-well was replaced on this unit. Thermo-wells on other similar units have been inspected and none have been found to be leaking.

Volume of Soil Excavated (cubic yards): 10

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

☒ Other (specify) Remains on-site

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 DOE 3-W-29 spill (455336) as all of the remaining soils within the excavation satisfy COGCC Table 910-1, as well as the excavated material that was stockpiled within secondary containment.

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

COA Type

Description

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401712649	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401713266	SITE MAP
401713268	ANALYTICAL RESULTS
401713269	ANALYTICAL RESULTS
401733600	FORM 19 SUBMITTED

Total Attach: 5 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)