

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401597317

Date Received:

04/05/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

448729

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) 263-2760
City: PARACHUTE	State: CO Zip: 81635	Mobile: (970) 623-4875
Contact Person: Michael Gardner		Email: MGardner@terraep.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401167294

Initial Report Date: 12/14/2016 Date of Discovery: 12/13/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NENE SEC 31 TWP 6S RNG 95W MERIDIAN 6

Latitude: 39.486080 Longitude: -108.034970

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 335491
 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): >=5 and <100

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: Total spill was calculated to be approximately 8.6 bbls condensate

Land Use:

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

Weather Condition: Cloudy. Cold. No wind.

Surface Owner: FEDERAL Other(Specify): BLM (CRVFO)

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 small leak was discovered in the bottom of the low-pressure separator vessel at approximately 8:00 a.m. on 12/13/16. The calculated volume of the spill is approximately 8.6 bbls condensate. Production personnel inspected the location in the afternoon of the previous day (12/12/16) and found no evidence of a leak at that time. The low-pressure separator was immediately removed from service upon discovery of the leak. Impacted soils were excavated on 12/13/16 and placed inside a bermed corner of the pad pending a decision to landfarm the materials on-site, or transport for off-site disposal. If soils are to be land-farmed on site, it will be conducted with the approval of both BLM and COGCC. A confirmation sample was collected from the excavation to verify that COGCC 910-1 clean-up standards have been met. There are no other off-site, or environmental impacts associated with this incident.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/13/2016	BLM-CRVFO	Jim Byers	970-319-2532	Verbal and email notifications
12/13/2016	GarCo	Kirby Wynn	970-987-2557	Email notification
12/13/2016	GVFPD	David Blair	970-285-9119	Email notification
12/13/2016	Land owner - BLM	Jim Byers	970-319-2532	Verbal and email notifications

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 04/04/2018

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>8</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</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: 8.6 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) Soil Groundwater Surface Water Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 10 Width of Impact (feet): 20

Depth of Impact (feet BGS): 3 Depth of Impact (inches BGS): _____

How was extent determined?

visual observations, field screening, and confirmation analytical data

Soil/Geology Description:

CL - Clay of low plasticity , lean clay

Depth to Groundwater (feet BGS) 120 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	_____	None <input checked="" type="checkbox"/>	Surface Water	_____	None <input checked="" 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:

All impacted soils were excavated and stockpiled on location. After evaluating the soil conditions and concentrations, it was determined that the excavated soils would be disposed of at Greenleaf Environmental Services (GES). Landfarm Facility ID 448728 generated to track the landfarming process was never utilized as landfarming did not occur.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/04/2018

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 leak was discovered in the bottom of the low-pressure separator vessel. The low-pressure separator was immediately removed from service upon and impacted soils were excavated and temporarily stockpiled on-site until disposal approval could occur. Soils were disposed of at Greenleaf Environmental Services (GES).

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

Faulty low pressure separator was removed from service, and was replaced with a new, upgraded low pressure separator.

Volume of Soil Excavated (cubic yards): 40

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.

Terra is requesting closure of the spill on the PA 41-31 (spill ID 448729) as the excavated material has been hauled away for disposal and the remaining soils satisfy COGCC Table 910-1.

Additionally, Terra is requesting closure of the Landfarm Application Site ID #448728 as a landfarm was never utilized due to soils being disposed off site.

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: 04/05/2018 Email: MGardner@terraep.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
401597317	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401597373	ANALYTICAL RESULTS
401597420	ANALYTICAL RESULTS

401597421	ANALYTICAL RESULTS
401603426	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. In addition, the non-working surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules plus all BLM requirements for Federal surface lands.	04/11/2018

Total: 1 comment(s)