

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401380584

Date Received:

01/18/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

448796

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# 401171486

Initial Report Date: 12/21/2016 Date of Discovery: 12/20/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NWSW SEC 32 TWP 6S RNG 95W MERIDIAN 6

Latitude: 39.479690 Longitude: -108.028080

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 335311
 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: Spill volume was calculated to be approximately 12.5 bbls.

Land Use:

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

Weather Condition: Clear. Sunny. Cold. No wind.

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 leak was discovered in an elbow fitting on the flow line near the well head. Settlement of flow-line bedding / fill materials over time compromised the flow line and fitting which resulted in the leak. The calculated volume of the spill is approximately 12.5 bbls (produced water). The well was temporarily shut in while the defective portion of the flow line was replaced. Impacted soils have been excavated and will be land-farmed on-site. Soils from the excavation were field screened with Petro-Flag to determine extent of hydrocarbon impacted soils. A composite soil sample was collected and sent to an analytical lab to confirm that COGCC 910-1 clean-up standards are met. Root cause of the spill is equipment failure due to settlement of flow-line bedding materials. There are no off-site, or other environmental impacts associated with this incident. Spill fluid did not leave the pad; the area of impact was immediately below the defective flow line fitting.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
12/21/2016	COGCC	Stan Spencer	970-987-2891	Phone call and initial Form 19
12/20/2016	Land Owner	Exxon Mobil Corporation	-	Contacted by TEP Land Department
12/21/2016	GarCo	Kirby Wynn	970-987-2557	Email notification
12/21/2016	Town of Parachute	Mark King	970-986-1821	Phone call
12/21/2016	GVFPD	David Blair	970-285-9119	Email notification

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 08/18/2017

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>12</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: _____

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): _____ Width of Impact (feet): _____

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

How was extent determined?

Visual observations. Field screening.

Soil/Geology Description:

Arvada loam, 6 to 20 percent slopes

Depth to Groundwater (feet BGS) 100 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well _____ None Surface Water _____ None

Wetlands _____ None Springs _____ None

Livestock _____ None Occupied Building _____ None

Additional Spill Details Not Provided Above:

Approximately 30 cubic yards of impacted soil was excavated and placed into a landfarm onsite.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/18/2017

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)

The root cause of the leak is equipment failure due to settlement of the flow line bedding material. The leak was caused by settlement of the flow line bedding and/or fill material overtime which compromised the flow line and fitting.

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

The well was temporarily shut in and the defective portion of the line was replaced. New bedding was installed to prevent further settling.

Volume of Soil Excavated (cubic yards): 30

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:

A confirmation soil sample was collected from the landfarm on 8/1/2017. The sample was collected as a five point composite and analyzed for the constituents listed in COGCC Table 910-1. Analytical results were below COGCC Table 910-1 standards. Based on the analytical results, TEP is requesting that the incident be closed.

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: 01/18/2018 Email: mgardner@terraep.com

COA Type**Description**

EC is in exceedence of Table 910-1 concentrations. At the time of interim reclamation of the location and final reclamation of the location, samples shall be collected to demonstrate compliance with Table 910-1.

Attachment Check List**Att Doc Num****Name**

401380584	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401380903	ANALYTICAL RESULTS

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	As an alternative to sampling, land farmed material may be buried and covered with 3 feet of clean material.	01/26/2018
Environmental	Table 910-1 requires that : Electrical Conductivity (EC) must be <4 mmhos/cm or 2x background.	01/26/2018

Total: 2 comment(s)