

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:  
402019193

Date Received:  
04/30/2019

Spill report taken by:  
Heil, John

Spill/Release Point ID:  
464022

**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>	<b>Phone Numbers</b>
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>(970) 623-4875</u>
Contact Person: <u>Michael Gardner</u>		Email: <u>MGardner@terraep.com</u>

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 402010200

Initial Report Date: 04/16/2019 Date of Discovery: 04/15/2019 Spill Type: Recent Spill

**Spill/Release Point Location:**

Location of Spill/Release: QTRQTR SENE SEC 31 TWP 6S RNG 96W MERIDIAN 6

Latitude: 39.481723 Longitude: -108.143116

Municipality (if within municipal boundaries): \_\_\_\_\_ County: GARFIELD

**Reference Location:**

Facility Type: WELL PAD  Facility/Location ID No 335222

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? No

*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): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>&gt;=5 and &lt;100</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: 60 bbls inside lined, metal secondary containment

**Land Use:**

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

Weather Condition: Over-cast, cool, breezy

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 small hole was discovered on a produced water tank and leaked an estimated 60 bbls of produced water into a metal, lined secondary containment structure. The hole was caused by internal corrosion within the tank. Upon discovery of the leak, water producing to the tank was shut off and was routed to a different tank. The contents of the leaking tank were evacuated and all fluids that had leaked into the containment structure were recovered using a vac truck. There was 100% recovery of the leaked fluids from the secondary containment structure. There were no off-site or environmental impacts associated with this incident. The defective tank is being replaced with a new tank.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
4/16/2019	COGCC	Alex Fischer	303-894-2100	Initial Form 19 and email notification
4/16/2019	GarCo	Kirby Wynn	970-987-2557	EmaiIl notification
4/16/2019	GVFPD	Chief David Blair	970-285-9119	Email notification
4/16/2019	Land owner		-	Verbal notification

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: 04/24/2019

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>60</u>	<u>60</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: 60 bbls produced water

Was spill/release completely contained within berms or secondary containment? YES 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): 55 Width of Impact (feet): 20

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

Visual observations and containment inspection

Soil/Geology Description:

Nihill Channery Loam, 6-25% slope, CL - clay of low plasticity

Depth to Groundwater (feet BGS) 60 Number Water Wells within 1/2 mile radius: 0  
 If less than 1 mile, distance in feet to nearest Water Well \_\_\_\_\_ None  Surface Water 270 None   
 Wetlands \_\_\_\_\_ None  Springs \_\_\_\_\_ None   
 Livestock \_\_\_\_\_ None  Occupied Building \_\_\_\_\_ None

Additional Spill Details Not Provided Above:

Starkey Gulch is located ~295ft to the south. Nearest water well is located 5,928ft to the east (Permit# 50796) and has a static water level of 44ft. The elevation difference between the GV 2-31 pad and the water well is ~450ft, estimated groundwater to be >100ft.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/24/2019

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 hole developed on bottom of the production tank due to corrosion, which allowed 60 bbls of produced water to be released within the steel lined secondary containment. A vac truck was utilized to recover 100% of the released fluids and a secondary containment liner inspection confirmed no hole or tears were present, ensuring that no impacts occurred to the underlying soils.

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

Tank was replaced with new, internally-coated tank (same size). TEP personnel will continue routine inspection and maintenance of production equipment and make repairs as needed.

Volume of Soil Excavated (cubic yards): 0

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:

Attached is a site map and documentation for the GV 2-31 release. TEP recovered 100% of the released fluids and an inspection of the liner confirmed no underlying impacts have occurred. The leaking tank was replaced with a new, internally-lined tank that will help minimize occurrences of internal corrosion.

TEP is requesting closure of the GV 2-31 spill (Spill ID 464022)

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: 04/30/2019 Email: MGardner@terraep.com

**COA Type****Description**

	Provide all tank battery integrity data to the COGCC Western Integrity Inspector, Richard Murray, at (970) 989-3092 or g.richard.murray@state.co.us.
	At the time of closure of the tank battery, or major modifications to the secondary containment, a Form 27 shall be required.
	Based on review of the information provided, it appears that no further action is necessary at this time and COGCC approves the closure request. Should conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards, or, if groundwater is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.

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

402019193	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402019251	SITE MAP
402028005	FORM 19 SUBMITTED

Total Attach: 3 Files

**General Comments****User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)