

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:
402056328

Date Received:
07/03/2019

Spill report taken by:
Spencer, Stan

Spill/Release Point ID:
445567

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) 5890743</u>
City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>		Mobile: <u>(970) 5890743</u>
Contact Person: <u>Michael Gardner</u>		Email: <u>mgardner@terraep.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401032769

Initial Report Date: 04/20/2016 Date of Discovery: 04/20/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSE SEC 17 TWP 6S RNG 94W MERIDIAN 6

Latitude: 39.520065 Longitude: -107.909107

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

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 335271

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>>=5 and <100</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

Specify: _____

Land Use:

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

Weather Condition: warm, 55F, cloudy

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 corrosion of a produced water tank. Produced water leaked out of the tank into the dirt SPCC containment; the soil impacts are 2-3" deep. The estimated volume of spilled water is 10 bbls; all of the free standing fluids were recovered with a vac truck. In accordance with the COGCC Rules 910.b.(3) C, D, and E, WPX would like to ask for COGCC permission to analyze the confirmation sample(s) for the abbreviated list of the Table 910-1 analytes which would include TPH, BTEX, PAHs, EC, SAR, and pH and the background samples would be analyzed for EC, SAR, and pH. The samples would not be analyzed for metals.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
4/20/2016	COGCC	Stan Spencer	970-987-2497	Initial Form 19
4/20/2016	County	Kirby Wynn	970-625-5905	Email
4/20/2016	Fire Department	David Blair	970-285-9119	Email
4/20/2016	BLM	Jim Byers	970-876-9056	Phone conversation & Email

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: 05/28/2019

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>10</u>	<u>9</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? 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): 30 Width of Impact (feet): 15

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

How was extent determined?

By field measurements and mapping with Trimble GPS unit.

Soil/Geology Description:

9- badland

Depth to Groundwater (feet BGS) 89 Number Water Wells within 1/2 mile radius: 10
 If less than 1 mile, distance in feet to nearest Water Well 1458 None Surface Water 1203 None
 Wetlands 1203 None Springs _____ None
 Livestock _____ None Occupied Building 1774 None

Additional Spill Details Not Provided Above:

One of the produced water tanks developed a small hole near the bottom of the tank due to corrosion of the metal. This allowed produced water to migrate out into the earthen SPCC containment structure. When the release was discovered, production personnel had vac trucks dispatched to the location to pull the remaining fluids from the compromised tank. All of the release was contained within the earthen containment structure. The soil impacts 2-3" deep. Therefore, the impacted soil was treated in place with a bioremediation product to levels which comply with Table 910-1 standards. The impacted area will be sampled for the abbreviated list of analytes as approved with the initial Form 19. The compromised tank was removed and will not be replaced as the remaining equipment is sufficient for that location. A confirmation sample was collected at the Point of Release on 4/24/19. Analytical results indicate that the soils satisfy the COGCC Table 910-1 and no additional remediation is necessary. Additionally, three (3) background samples were collected at the undisturbed upgradient locations and submitted for arsenic and inorganics (SAR/EC/pH). Results indicate that the confirmation samples are consistent with the background concentrations for arsenic.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/28/2019

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)

One of the produced water tanks developed a small hole near the bottom of the tank due to corrosion of the metal.

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

The compromised tank was taken out of service. All new tanks are inspected prior to placing them into the containment structures to check for possible paint chips, faulty welds, or other factors which could lead to early corrosion of the metal.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation) Offsite Disposal Onsite Treatment
 Other (specify) Treated in place with bioremediation product

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 to John Heil.

Lab values for arsenic and the inorganic parameters of SAR and pH were the only constituents from the confirmation sample to exceed their respective cleanup standards; however, these values are consistent with the values observed in the background soil samples. TEP is requesting relief from the arsenic and inorganic exceedances for this incident based upon the fact that the observed values are consistent with background conditions. All impacted materials have been treated, and there were no impacts to ground or surface water resources.

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: 07/03/2019 Email: mgardner@terraep.com

COA Type

Description

	Based on review of information presented, it appears that no further action is necessary at this time and COGCC approves the closure request. The data presented indicate that there are 910-1 exceedance for SAR/EC/pH. If groundwater is found to be significantly impacted, or if re-vegetation is not sufficient after reclamation, additional remediation activities may be required at the site.
--	--

Attachment Check List

Att Doc Num

Name

402056328	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402060861	ANALYTICAL RESULTS
402068991	OTHER
402068992	SITE MAP
402101295	FORM 19 SUBMITTED

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)