

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: TEP ROCKY MOUNTAIN LLC | Operator No: 96850   | <b>Phone Numbers</b>        |
| Address: PO BOX 370                      |                      | Phone: (970) 5890743        |
| City: PARACHUTE                          | State: CO Zip: 81635 | Mobile: (970) 5890743       |
| Contact Person: Michael Gardner          |                      | Email: mgardner@terraep.com |

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): 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:

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                  |                          |                                     |
| <b>FLUIDS</b>  | BBL's SPILLED             | BBL's RECOVERED             | Unknown                  |                                     |
| OIL  | 0                         | 0                           | <input type="checkbox"/> |                                     |
| CONDENSATE   | 0                         | 0                           | <input type="checkbox"/> |                                     |
| PRODUCED WATER   | 10                        | 9                           | <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: _____   |                           |                             |                          |                                     |
| Was spill/release completely contained within berms or secondary containment? YES Was an Emergency Pit constructed? NO   |                           |                             |                          |                                     |
| <i>Secondary containment, including walls &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>   |                           |                             |                          |                                     |
| <b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>  |                           |                             |                          |                                     |
| 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):    | 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**

|  |  |
|--|--|
|  |  |
|--|--|

**Attachment Check List**

**Att Doc Num**

**Name**

|           |                    |
|-----------|--------------------|
| 402060861 | ANALYTICAL RESULTS |
| 402068991 | OTHER              |
| 402068992 | SITE MAP           |

Total Attach: 3 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

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

Total: 0 comment(s)