

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402404786

Date Received:

05/27/2020

Spill report taken by:

Heil, John

Spill/Release Point ID:

476504

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
Contact Person: Michael Gardner		Mobile: ()
		Email: mgardner@terraep.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 402401167

Initial Report Date: 05/18/2020 Date of Discovery: 05/15/2020 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR SWNE SEC 33 TWP 6S RNG 95W MERIDIAN 6

Latitude: 39.482806 Longitude: -108.000044

Municipality (if within municipal boundaries): County: GARFIELD

Reference Location:

Facility Type: WELL PAD Facility/Location ID No 335392

Spill/Release Point Name: Well API No. (Only if the reference facility is well) 05- -

No Existing Facility or Location ID No.

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): >=5 and <100
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: Total estimated volume is ~20 bbls (10 bbls water + 10 bbls condensate)

Land Use:

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

Weather Condition: Clear, warm, sunny, 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):

During a routine inspection of the location, a production technician discovered a small hole in the base of the condensate tank leaking fluid into the earthen secondary containment structure. The technician immediately plugged the hole and successfully stopped the leak. Vac trucks were dispatched immediately to recover standing liquids from the containment structure and to empty the remaining contents of the tank. It is estimated that a total of ~20 bbls of fluid was released, and approximately 3 bbls were recovered. The fluid consisted of a 50:50 mix of produced water and condensate. No fluids left the containment structure. The defective tank will be eliminated as well as one remaining produced water tanks. The containment structure will be reduced to accommodate the single remaining produced water tank. All contaminated soils are being taken to an off-site commercial facility for disposal. The root cause of the tank failure is internal corrosion.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/15/2020	COGCC	John Heil	-	Initial email notification
5/18/2020	GarCo	Kirby Wynn	-	Email notification
5/18/2020	GVFPD	Chief David Blair	-	Email notification
5/18/2020	Land owner		-	Email notification

Was there a Grade 1 Gas Leak? Yes No

If YES, enter the Document Number of the Grade 1 Gas Leak Report Form 44: _____

Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? Yes No

If YES, enter the Document Number of the Initial Accident Report, Form 22: _____

Was there damage during excavation? Yes No

If YES, was CO 811 notified prior to excavation? Yes No

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date:	05/22/2020		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown	
OIL	0	0	<input type="checkbox"/>	
CONDENSATE	10	3	<input type="checkbox"/>	
PRODUCED WATER	10	0	<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: 20 bbls (10 bbls condensate & 10 bbls prod. water)				
Was spill/release completely contained within berms or secondary containment? YES Was an Emergency Pit constructed? NO				
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>				
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) <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):		20	Width of Impact (feet): 20	
Depth of Impact (feet BGS):		5	Depth of Impact (inches BGS): 0	
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) 130

Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well 1715 None

Surface Water 2900 None

Wetlands _____ None

Springs _____ None

Livestock 2665 None

Occupied Building 2665 None

Additional Spill Details Not Provided Above:

A dry ephemeral drainage lies approximately 1100 feet to the east as well as approximately 850 feet to the west. Nearest actual surface water is the Colorado River which is approximately 2900 feet to the south. Water well (Permit #164810) located ~2615 feet to the north indicates static water level is at 130 feet. Impacted soils were excavated to a depth of approximately 5 feet where field screening indicated hydrocarbon concentrations satisfied COGCC Table 910-1 and confirmation samples were collected from each of the side walls and one off the lowest point on the bottom of the excavation.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 05/22/2020

Root Cause of Spill/Release Corrosion

Other (specify) _____

Type of Equipment at Point of Spill/Release: Other

If "Other" selected above, specify or describe here:

condensate tank

Describe Incident & Root Cause (include specific equipment and point of failure)

A small hole developed on the sidewall of the condensate tank due to internal corrosion, allowing ~20 bbls of condensate and produced water to leak out into secondary containment. The hole was approximately 0.25-inches in diameter and was located approximately 7 inches from the bottom of the tank.

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

The compromised tank has been removed from service. The secondary containment has been rebuilt around the remaining single produced water tank remaining at the location.

Volume of Soil Excavated (cubic yards): 140

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:

The impacted soils associated with the PA 332-33-695 condensate tank release have been excavated and hauled offsite to an approved waste disposal facility. Confirmation analytical results indicate that the soils comply with COGCC Table 910-1 thresholds with the exception to arsenic and EC. TEP is requesting relief to the arsenic and EC exceedances in accordance with COGCC FAQ 31 and FAQ 32 as background results are comparable, as well as the excavation will be capped with 3ft of native cover at the time of backfilling and/or during final reclamation as this is location is currently an active, producing well pad.

Please note that background results are from a nearby TEP location (MV 13-33) and are representative of concentrations for that area.

TEP is requesting closure of the spill (Facility ID 476504)

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: 05/27/2020 Email: mgardner@terraep.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

402404913	SITE MAP
402406912	ANALYTICAL RESULTS
402406913	ANALYTICAL RESULTS
402406919	ANALYTICAL RESULTS

Total Attach: 4 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
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Total: 0 comment(s)