

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:

401738650

Date Received:

08/20/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

446442

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) 263-2760</u>
City: <u>PARACHUTE</u> State: <u>CO</u> Zip: <u>81635</u>		Mobile: <u>(970) 6234875</u>
Contact Person: <u>Michael Gardner</u>		Email: <u>MGardner@terraep.com</u>

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401070329

Initial Report Date: 06/29/2016 Date of Discovery: 06/28/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESW SEC 6 TWP 2S RNG 97W MERIDIAN 6

Latitude: 39.903980 Longitude: -108.326110

Municipality (if within municipal boundaries): _____ County: RIO BLANCO

Reference Location:

Facility Type: TANK BATTERY ☒ Facility/Location ID No 335602

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? 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): >=100

Estimated Other E&P Waste Spill Volume(bbl): 0

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: Approximately 1400 bbls spilled; approximately 1340 recovered.

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Clear and warm

Surface Owner: FEDERAL

Other(Specify): BLM-WRFO

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):

Tank level measurement equipment failed resulting in overfilling multiple produced water tanks. 1,320 bbls of produced water was recovered from secondary containment structure. An additional 20 bbls was recovered from puddles on location. The remaining 60 bbls (estimated) flowed off location and was absorbed into soils. A very small volume (<1 bbl) actually flowed into Ryan Gulch which is a dry ephemeral water feature adjacent to the pad. There was no surface water flow in the gulch at the time of release. There were no impacts to surface water or ground water resources as a result of this spill. Impacted soils will be screened to determine if elevated TPH concentrations are present. Any soils not meeting COGCC 910-1 clean-up standards will be treated on-site until clean-up standards are achieved. WPX proposes the following analytes: Organic compounds and inorganic compounds in soils. Samples will not be analyzed for metals in soils.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
6/28/2016	COGCC	Stan Spencer	970-987-2891	vmail message
6/28/2016	CDPHE	Spill Hotline	877-518-5608	CDPHE Report Number: 2016-0348
6/28/2016	BLM-WRFO	James Roberts	970-878-3873	vmail message
6/28/2016	Rio Blanco County	Lannie Massey	970-878-9586	verbal
6/28/2016	Meeker Fire Dept	Marshall Cook	-	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: 08/20/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	1400	1340	<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: Approximately 1400 bbls spilled; approximately 1340 recovered			
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) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input checked="" type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): 400		Width of Impact (feet): 20	
Depth of Impact (feet BGS): 0		Depth of Impact (inches BGS):	
How was extent determined?			
Visual observation, field screening, and confirmation data			

Soil/Geology Description:

CL/SM - fine sandy loam

Depth to Groundwater (feet BGS) 15

Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well 1525 None ☐

Surface Water None ☒

Wetlands None ☒

Springs None ☒

Livestock None ☒

Occupied Building None ☒

Additional Spill Details Not Provided Above:

All field screening and confirmatoin samples indicated that soils did not exceed COGCC table 910-1 threshold. Ryan Gulch is an ephemeral drainage located approximately 100ft to the east. No water was present at the time of this release.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/20/2018

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)

Tank level measurement equipment failed resulting in overfilling multiple produced water tanks.

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

High level alarm in tank replaced. Also, a secondary leak detection system was added to the interior of the tank battery containment structure. "Tunning forks" were installed at a pre-determined height inside the containment. If fluids accumulate to the height of the tuning forks, an electronic signal will automatically shut down the inlet valves to the tank battery thereby eliminating the potential for overfilling the tanks and the secondary containment structure.

Volume of Soil Excavated (cubic yards): 0

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment
☒ Other (specify) none

Volume of Impacted Ground Water Removed (bbls): 0

Volume of Impacted Surface Water Removed (bbls): 0

#2 Supplemental Report Date: 08/21/2018

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)

same as above

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

same as above

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):

Volume of Impacted Surface Water Removed (bbls):

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 onto Stan Spencer

Terra is requesting closure of the RGU 23-6 spill (446442) as all confirmation samples indicate the soils satisfied COGCC Table 910-1 and no excavation was needed.

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: Environmental Date: 08/20/2018 Email: MGardner@terraep.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401738650	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401738683	ANALYTICAL RESULTS
401738684	ANALYTICAL RESULTS
401738685	SITE MAP
401739418	FORM 19 SUBMITTED

Total Attach: 5 Files

General Comments

User Group

Comment

Comment Date

Environmental	Based on the information presented, it appears that no further action is necessary at this time and the COGCC approves the closure request. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be impacted, then further investigation and/or remediation activities may be required.	08/21/2018
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Total: 1 comment(s)