

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:

401544616

Date Received:

02/14/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

453585

**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>XTO ENERGY INC</u>	Operator No: <u>100264</u>	<b>Phone Numbers</b>
Address: <u>600 E EXCHANGE AVE</u>		Phone: <u>(970) 675-4122</u>
City: <u>FORTH WORTH</u> State: <u>TX</u> Zip: <u>76164</u>		Mobile: <u>(970) 769-6048</u>
Contact Person: <u>Jessica Dooling</u>		Email: <u>jessica_dooling@xtoenergy.com</u>

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 401495784

Initial Report Date: 12/27/2017 Date of Discovery: 12/24/2017 Spill Type: Recent Spill

**Spill/Release Point Location:**

Location of Spill/Release: QTRQTR SWSE SEC 19 TWP 2S RNG 96W MERIDIAN 6

Latitude: 39.857950 Longitude: -108.208110

Municipality (if within municipal boundaries): \_\_\_\_\_ County: RIO BLANCO

**Reference Location:**

Facility Type: TANK BATTERY  Facility/Location ID No 316254  
 No Existing Facility or Location ID No.  
 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? No

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: ~10 Bbls produced water released

**Land Use:**

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

Weather Condition: Clear, cold, calm

Surface Owner: FEDERAL Other(Specify): BLM

**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):

On 12/24/2017, at approximately 2:30 p.m. MST a third party contract water hauler (CE) reported to XTO that the produced water tank on location had exploded (See Form 22 DOC 401495776). Approximately ten (10) bbls of produced water was released, ~9 bbls inside secondary and ~1 bbl onto well pad surface. Incident is currently under investigation, additional information will be submitted in subsequent Form 19.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
12/25/2017	COGCC	Stan Spencer	970-987-2891	Voicemail
12/25/2017	BLM	Tracy Perfors	970-878-1534	Voicemail
12/25/2017	Rio Blanco County	Lannie MAssie	970-878-9586	Voicemail
12/24/2017	Sherriff Rio Blanco County	Dispatch	-911	EMS/Fire and Rescue Dispatched

**SPILL/RELEASE DETAIL REPORTS**

#1 Supplemental Report Date: 02/14/2018

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>10</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? 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)  Soil  Groundwater  Surface Water  Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 15 Width of Impact (feet): 20

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

How was extent determined?

Visual Observation and Analytical Testing

Soil/Geology Description:

Barcus Channery Loamy Sand, 2-8% Slopes

Depth to Groundwater (feet BGS) 100 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well	<u>3229</u>	None <input type="checkbox"/>	Surface Water	<u>121</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	_____	None <input checked="" type="checkbox"/>	Occupied Building	_____	None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

XTO Energy completed delineation/remediation on 2/14/2018, the tanks were removed, ~30 yds<sup>3</sup> of soil/gravel were removed from the lined secondary containment and transported for offsite disposal at Wray Gulch Landfill. Table 910-1 compliance samples were collected from below the secondary containment liner and in the area impacted on the pad surface. Analytical results are below Table 910-1 concentrations with the exception of Pad Surface EC (4.1) and all Arsenic (4.2 to 9.4 mg/kg). See Table 1, Figure 1. Any remaining elevated levels of EC detected in the release area will be addressed at final reclamation. Arsenic levels above Table 910-1 concentrations detected beneath the release area are within the COGCC approved background Arsenic concentration of 23.5 mg/kg, see REM# 10066, Form 27 DOC# 401217771, approved on 5/18/2017. XTO is requesting Notice of Completion for Form 19 DOC# 401495784 in lieu of Form 27 requested in Form 4 DOC# 401524170 COA.

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 02/13/2018

Cause of Spill (Check all that apply)  Human Error  Equipment Failure  Historical-Unknown  
 Other (specify) Engineering/Design

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

On 12/24/2017, at approximately 2:30 p.m. MST a third party contract water hauler (CE) reported to XTO that the produced water tank on location had ignited and lost containment. The CE had removed his hoses and grounding wire after loading produced water and was preparing to leave location when the event occurred. CE shut truck off, evacuated location on foot and contacted XTO. Access to the location was restricted, the well pad was isolated and the well was shut in. Approximately ten (10) bbls of produced water were released. Produced water was released to lined secondary containment area and a mist to the well pad.  
Root Cause: Engineering/Design  
The immersion heater did not have a Low Water Level Temperature Shut Down and the water level in the tank was pulled below the level of the heater.  
Additional information on Form 22 DOC 401542692.

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

All Immersible Heaters of Make: Chromalox/Model: CAT.NO.TMS-3065E have been removed from service and destroyed. These heaters will be replaced (where necessary) with imersion heaters that have Low Water Level Temperature Shut Downs and load line valves will be located above the level of imersion heaters in tanks.

Volume of Soil Excavated (cubic yards): 30

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:

For review by Stan Spencer.

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I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: \_\_\_\_\_ Print Name: Jessica Dooling  
Title: Rockies EHS Supervisor Date: 02/14/2018 Email: jessica\_dooling@xtoenergy.com

**COA Type****Description**

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

401544616	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401544626	SITE MAP
401545167	ANALYTICAL RESULTS
401545408	FORM 19 SUBMITTED

Total Attach: 4 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. In addition, the non-working surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules plus all BLM requirements for Federal surface lands.	02/14/2018
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Total: 1 comment(s)