

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401147964

Date Received:

11/11/2016

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

447928

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>	Phone Numbers
Address: <u>PO BOX 6501</u>		Phone: <u>(970) 675-4122</u>
City: <u>ENGLEWOOD</u>	State: <u>CO</u>	Mobile: <u>(970) 7696048</u>
Zip: <u>80155</u>		Email: <u>jessica_dooling@xtoenergy.com</u>
Contact Person: <u>Jessica Dooling</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401118947

Initial Report Date: 09/27/2016 Date of Discovery: 09/26/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR NESW SEC 11 TWP 2S RNG 97W MERIDIAN 6

Latitude: 39.891340 Longitude: -108.250970

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

Reference Location:

Facility Type: WELL PAD☐ Facility/Location ID No _____☐ No Existing Facility or Location ID No.☒ Well API No. (Only if the reference facility is well) 05-103-10525

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): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: clear, calm, ~50FSurface 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):

At approximately 6:50 AM on 9/26/2016 it was discovered that a PSV was relieving on PCU T35X-11G3 well. The well was isolated upon arrival at approximately 7:10 AM. Spill was diked and standing liquids removed. Approximately 2.016 bbls of produced water spilled with 0.876 bbls recovered. All contaminated soil was picked up and placed into disposal tote bags. Table 910-1 compliance sampling conducted, data pending.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/27/2016	COGCC	Stan Spencer	970-625-2497	Left voicemail
9/27/2016	Rio BLanco County	Lannie Massie	970-878-9586	Discussed release
9/27/2016	BLM WRFO	Tracy Perfors	970-878-3800	Left Voicemail

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 11/11/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	3	3	<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? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<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): <u>40</u>		Width of Impact (feet): <u>14</u>	
Depth of Impact (feet BGS): <u>0</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Visual observation			
Soil/Geology Description:			
Forelle loam, 3 to 8% slopes			
Depth to Groundwater (feet BGS) <u>100</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well _____ None <input checked="" type="checkbox"/>	Surface Water _____ None <input checked="" 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 remediation on 10/20/2016, ~6" of impacted soil/gravel were removed and transported for disposal at Wray Gulch Landfill, Meeker, CO.. Table 910-1 compliance samples were collected, see attached PCU T35X-11G NOC including Laboratory Results Summary Table and Site Plan. Analytical results are below Table 910-1 concentrations with the exception of Confirmation #1 pH (9.28) and Arsenic (4.4 mg/kg) and Confirmation #2 Arsenic (3.4 mg/kg). Any remaining elevated levels of pH detected beneath the release area will be addressed during final reclamation activities. Arsenic level above Table 910-1 concentration detected beneath the release area are within the COGCC approved background Arsenic concentration of 7.2 mg/kg, see Form 27 DOC# 2148826 approved on 5/7/2014. XTO is requesting closure of and Notice of Completion for Form 19 DOC# 401118947.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	11/11/2016
Cause of Spill (Check all that apply)		
<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)		
<div style="border: 1px solid black; padding: 5px; min-height: 40px;">Process Safety Valve (PSV) failed to reset after actuation, faulty valve</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div style="border: 1px solid black; padding: 5px; min-height: 40px;">PSV valve was replaced</div>		
Volume of Soil Excavated (cubic yards): 12		
Disposition of Excavated Soil (attach documentation)		
<input checked="" type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment	
<input type="checkbox"/> 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:

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: Piceance EHS Supervisor Date: 11/11/2016 Email: jessica_dooling@xtoenergy.com

COA Type	Description

Attachment Check List

Att Doc Num	Name
401147964	FORM 19 SUBMITTED
401147975	OTHER

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Agency	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 surface area disturbed by the remediation activity shall be reclaimed in accordance with the 1000 Series Reclamation Rules.	11/14/2016

Total: 1 comment(s)