

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

401988542

Date Received:

04/11/2019

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

459506

## 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>110 W 7TH STREET</u>		Phone: <u>(970) 6754089</u>
City: <u>FORTH WORTH</u>	State: <u>TX</u>	Mobile: <u>(970) 2504867</u>
Zip: <u>76102</u>		Email: <u>natalie_steiner@xtoenergy.com</u>
Contact Person: <u>Natalie Steiner</u>		

### INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401854817

Initial Report Date: 11/29/2018 Date of Discovery: 11/28/2018 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNW SEC 35 TWP 1N RNG 98W MERIDIAN 6

Latitude: 40.013810 Longitude: -108.365660

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

#### Reference Location:

Facility Type: WELL PAD

☒ Facility/Location ID No 415383

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): >=5 and <100

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: ~12.5 Bbls

#### Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): \_\_\_\_\_

Weather Condition: Cloudy, calm, ~25F

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):

On 11/28/18 ~9:00 AM, a produced water release was discovered on the YCF 35-12-1, ~12.5 Bbls produced water was released due to failure of the 2" steel discharge line from the produced water pump. The tank/pipeline were isolated from pump and a water truck removed free standing fluids (~0.5 bbls produced water recovered). Spill did not leave location.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
11/28/2018	COGCC	Stan Spencer	970-987-2891	
11/28/2018	BLM	Trach Perfors	970-878-3811	
11/28/2018	Rio Blanco County	Lannie Massey	970-878-9586	

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: \_\_\_\_\_

**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 Alex Fisher  
Impacted soils were excavated and the bottom of the excavation was sampled for COGCC Table 910-1 compliance, all results were below standards with the exception of pH (9.68), SAR (19) and Arsenic (33) per sample 1812059 taken on 11/30/18. See attached Table 1- Data Table and Background Arsenic Sample Location Site Plan. Seven additional background Arsenic samples were collected (sample 18121006) on 12/14/18 from undisturbed areas adjacent to the location. Concentrations in those samples ranged from 4.0 to 9.1 mg/kg. Allowing for the variability from the background samples, it is within reason to assume that the Arsenic is within range of the background concentrations based on the final sample taken from the affected area of 11 mg/kg (sample 1901243) on 1/4/2019. Remaining concentrations of Arsenic, pH and SAR will be addressed during final reclamation since the affected area did not leave the pad location. Excavated material was disposed of at Wray Gulch Landfill, Meeker, CO (manifests available upon request). Backfilling of the excavation will be completed with material meeting COGCC Table 910-1 standards.

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

Signed: \_\_\_\_\_ Print Name: Natalie Steiner

Title: Sr. EHS Technician Date: 04/11/2019 Email: natalie\_steiner@xtoenergy.com

<b><u>COA Type</u></b>	<b><u>Description</u></b>
	The Request for Closure has been removed. Provide additional detail to justify closure.
	<p>The Operator shall refer to Frequently Asked Question (FAQ) 32 (see below) when requesting relief for SAR.</p> <p>32. How will the COGCC apply the Table 910-1 concentration levels for pH, sodium adsorption ratio (SAR), and electrical conductivity (EC)?</p> <p>December 9, 2009: Consistent with its prior practice and Rule 1003, the COGCC will generally apply the Table 910-1 concentration levels for pH, SAR, and EC to soils that are within three (3) feet of the ground surface because elevated levels of pH, SAR, and EC in deeper soils should not adversely affect the successful reclamation of the site, which is the objective of these concentration levels. In addition, the COGCC requires that materials with elevated pH, SAR, or EC be buried under a minimum of three (3) feet of backfill cover and soil that satisfies either the Table 910-1 levels for pH, SAR, and EC or the background levels for such contaminants within three (3) feet of the ground surface at the site. In addition, the soil horizons must be replaced in their original relative position and reclaimed in accordance with 1000 Series Rules, including the establishment of vegetative cover on non-cropland and successful crop growth on cropland.</p>
	<p>The Operator shall refer to Frequently Asked Question (FAQ) 31 (see below) when requesting relief for arsenic.</p> <p>31. How will the COGCC apply footnote 1 to Table 910-1, which states that: "Consideration shall be given to background concentration levels in native soils and ground water."</p> <p>December 9, 2009: The COGCC will apply this footnote to mean that an operator need not meet a concentration level specified in Table 910-1 if the operator can demonstrate to the COGCC's satisfaction that the Table 910-1 level is exceeded by the background level in the native soils or ground water, as applicable. Upon satisfactory demonstration of such exceedence, the operator will be required to meet the background level that is present in the native soils or ground water and that has been approved by the COGCC. Such demonstration and approval may occur with respect to any of the Table 910-1 concentration levels. Operators who intend to rely on footnote 1 to meet a background concentration level instead of the applicable Table 910-1 concentration level are encouraged to discuss their intention in a timely manner with the COGCC environmental staff. Such a discussion will help to ensure that the operator's data collection, analysis, and documentation for the site will be appropriate and sufficient for this purpose. A request to meet one or more background concentration levels for a particular site under footnote 1 to Table 910-1 must be submitted electronically or in writing on a Site Investigation and Remediation Workplan, Form 27, or, if a Form 27 is not required, by a Sundry Notice, Form 4, with supporting analytical data. Such a request requires electronic or written approval by the COGCC Area Environmental Protection Specialist of either the Form 27 or the Form 4, as applicable. Because such requests involve the interpretation of existing rule language they shall not be processed as variance requests under Rule 502.b, and approval of such requests shall not be considered a variance from Table 910-1 or any related rule.</p>
	<p>Are the soil samples grab or composite? Sample location map shows three soil samples taken but the analytical results are only for one sample. Please clarify.</p> <p>Please provide the depth(s) of which the samples were collected.</p>
	<p>What is the location and depth of the 1/4/2019 soil sample with the result of 11mg/kg?</p> <p>Provide details of the excavation and removal of approximately 112 +/- cubic yards of impacted material (ie. size and depth of excavation). Was additional material removed after the November 30, 2018 sampling event (Arsenic = 33 mg/kg)?</p>

### **Attachment Check List**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
401988542	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401989461	ANALYTICAL RESULTS
401989467	SITE MAP
401989475	SITE MAP

401989502	OTHER
401989524	ANALYTICAL RESULTS
401989527	OTHER
402019598	FORM 19 SUBMITTED

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Environmental	NOTE: For future spill reports (F19 Initial) please provide a Spill/Release Point Name under Reference Location.	04/16/2019

Total: 1 comment(s)