

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

400988980

Date Received:

02/15/2016

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

444707

## SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. 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>382 CR 3100</u>                           |                            | Phone: <u>(970) 675-4122</u>                |
| City: <u>AZTEC</u> State: <u>NM</u> Zip: <u>87410</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# 400984474

Initial Report Date: 02/05/2016 Date of Discovery: 02/04/2016 Spill Type: Recent Spill

#### Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 12 TWP 2S RNG 97W MERIDIAN 6Latitude: 39.885740 Longitude: -108.238180Municipality (if within municipal boundaries): \_\_\_\_\_ County: RIO BLANCO

#### Reference Location:

Facility Type: OTHER☐ Facility/Location ID No \_\_\_\_\_☐ No Existing Facility or Location ID No.☒ Well API No. (Only if the reference facility is well) 05-103-10417

#### 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): 0Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=5 and <100Estimated 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: 19F, overcast, ~10Surface 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 2/4/2016 at 12 pm on location PCU 18-12, XTO employee noticed produced water flowing out of a 40bbl tank used for pressure safety valve containment off of pressure fluid vessel. Employee closed manual block valve to the pressure fluid vessel to stop flow. Approximately 51bbls spilled into lined secondary containment and .17bbls out of containment. Produced water was removed from secondary containment for injection into approved disposal wells, impacted soil was removed for proper disposal and a Table 910-1 confirmation sample was collected, results pending.

**List Agencies and Other Parties Notified:**

**OTHER NOTIFICATIONS**

| Date     | Agency/Party      | Contact       | Phone        | Response           |
|----------|-------------------|---------------|--------------|--------------------|
| 2/5/2016 | COGCC             | Stan Spencer  | 970-675-2497 | phone conversation |
| 2/5/2016 | BLM               | Justin Wilson | 970-878-3800 | phone conversation |
| 2/5/2016 | Rio Blanco County | Mike Garner   | 970-878-9454 | message left       |

**SPILL/RELEASE DETAIL REPORTS**

|  |   |   |  |
|--|---|---|--|
| #1   | Supplemental Report Date: 02/15/2016                                  |   |  |
| <b>FLUIDS</b>  | BBL's SPILLED   | BBL's RECOVERED                                     | Unknown                                  |
| OIL  | 0   | 0   | <input type="checkbox"/>                 |
| CONDENSATE   | 0   | 0   | <input type="checkbox"/>                 |
| PRODUCED WATER   | 51  | 51  | <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 &amp; floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>   |   |   |  |
| <b>A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit</b>  |   |   |  |
| 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>9</u>   |   | Width of Impact (feet): <u>10</u>                   |  |
| Depth of Impact (feet BGS): <u>0</u>   |   | Depth of Impact (inches BGS): <u>0</u>              |  |
| How was extent determined?   |   |   |  |
| Visual Observation   |   |   |  |
| Soil/Geology Description:  |   |   |  |
| Castner channery loam, 5-50% slopes  |   |   |  |
| Depth to Groundwater (feet BGS) <u>200</u>   |   | Number Water Wells within 1/2 mile radius: <u>0</u> |  |
| If less than 1 mile, distance in feet to nearest   | Water Well <u>          </u> None <input checked="" type="checkbox"/> | Surface Water <u>          </u>                     | None <input checked="" type="checkbox"/> |
|  | Wetlands <u>          </u> None <input checked="" type="checkbox"/>   | Springs <u>          </u>                           | None <input checked="" type="checkbox"/> |
|  | Livestock <u>          </u> None <input checked="" type="checkbox"/>  | Occupied Building <u>          </u>                 | None <input checked="" type="checkbox"/> |
| Additional Spill Details Not Provided Above:   |   |   |  |

Impacted soils will be disposed of at Wray Gulch Landfill, Meeker CO (manifests available upon request). A Table 910-1 confirmation sample was collected from the impacted area adjacent to the secondary containment, all results were below standards with the exception of As (4.4 mg/kg) which is within approved background levels. See attached Notice of Completion for completed remediation actions, Table 910-1 results including COGCC approved background Arsenic and Site Map including sampling location.

## CORRECTIVE ACTIONS

|   |                                      |
|---|--------------------------------------|
| #1  | Supplemental Report Date: 02/15/2016 |
| Cause of Spill (Check all that apply) <input type="checkbox"/> Human Error <input checked="" type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown<br><input type="checkbox"/> Other (specify) _____  |                                      |
| Describe Incident & Root Cause (include specific equipment and point of failure)  |                                      |
| <div>On 2/4/2016 at 12 pm on location PCU 18-12, XTO employee noticed produced water flowing out of a 40bbl tank used for pressure safety valve containment for the power fluid vessel. Employee closed inlet manual block valve to the power fluid vessel to stop flow. Approximately 51bbls spilled into lined secondary containment and .17bbls splashed out of containment on the ground, spill did not leave location. Power fluid vessel inlet control valve failed to close when vessel reached high level, emergency shutdown valve also failed to close when emergency shutdown signal was sent causing high pressure relief valve to open, causing release.</div> |                                      |
| Describe measures taken to prevent the problem(s) from reoccurring:   |                                      |
| <div>A pre-filter was installed on the ESD and semi-annual testing will be performed and a high/high alarm which will ESD entire pad was installed on the 40 Bbl PSV tank.</div>  |                                      |
| Volume of Soil Excavated (cubic yards): 1   |                                      |
| Disposition of Excavated Soil (attach documentation) <input checked="" type="checkbox"/> Offsite Disposal <input type="checkbox"/> Onsite Treatment<br><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:

|   |
|---|
| For review by Stan Spencer.   |
| Impacted soils will be disposed of at Wray Gulch Landfill, Meeker CO (manifests available upon request). A Table 910-1 confirmation sample was collected from the impacted area adjacent to the secondary containment, all results were below standards with the exception of As (4.4 mg/kg) which is within approved background levels. See attached Notice of Completion for completed remediation actions, Table 910-1 results including COGCC approved background Arsenic and Site Map including sampling location. |

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: 02/15/2016 Email: jessica\_dooling@xtoenergy.com

## COA Type

## Description

|  |  |
|--|--|
|  |  |
|--|--|

## Attachment Check List

### Att Doc Num

### Name

|           |       |
|-----------|-------|
| 400989043 | OTHER |
|-----------|-------|

Total Attach: 1 Files

## General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)