

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401802798

Date Received:

10/22/2018

Spill report taken by:

Spencer, Stan

Spill/Release Point ID:

457709

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>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# 401779528

Initial Report Date: 10/01/2018 Date of Discovery: 09/29/2018 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWNW SEC 9 TWP 2S RNG 97W MERIDIAN 6

Latitude: 39.890980 Longitude: -108.295320

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

Reference Location:

Facility Type: WELL PAD

☒ Facility/Location ID No 335717

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: _____

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify): _____

Weather Condition: Clear, calm

Surface Owner: FEE

Other(Specify): XTO Energy

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 9/29/2018, ~7:40 PM, the Control Room Operator received a sump high level alarm at the Love Ranch 8 Pond E&P facility pump building (located on the Love Ranch 8 well pad, Location ID 335717). The lease operator responded to location and discovered the 2 inch tee off of the 4 inch pump suction line had failed resulting in a produced water release of ~10.6 Bbls. The pump were shut down, and the line was isolated. Impacted soils were removed, Table 910-1 confirmation sample(s) will be collected, data pending.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/30/2018	COGCC	Stan Spencer	970-987-2891	left voicemail
9/30/2018	Rio Blanco County	Lanny Massie	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: _____

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 10/19/2018		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	10	10	<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? 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): 60 Width of Impact (feet): 12

Depth of Impact (feet BGS): 2 Depth of Impact (inches BGS): _____

How was extent determined?

visual observation

Soil/Geology Description:

Hagga Loam

Depth to Groundwater (feet BGS) 11 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest Water Well 3000 None ☐ Surface Water 549 None ☐

Wetlands 549 None ☐ Springs _____ None ☒

Livestock _____ None ☒Occupied Building _____ None ☒

Additional Spill Details Not Provided Above:

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 Arsenic. See attached Table 1 and Site Plan. The Arsenic (4.7 mg/kg) is within background Arsenic value of 17.5 mg/kg as approved in REM 8090, DOC#2147033. Excavated material will be 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.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/19/2018

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)

On 9/29/2018, ~7:40 PM, the Control Room Operator received a sump high level alarm at the Love Ranch 8 Pond E&P facility pump building (located on the Love Ranch 8 well pad, Location ID 335717). The lease operator responded to location and discovered the 2-inch tee off of the 4-inch pump suction line had failed resulting in a produced water release of ~10.6 Bbls. The pump was shut down, and the line was isolated. Root Cause: Equipment failure due to possible deadhead of pump increasing temperature of fluid and piping

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

Installed ESD on sump level alarm and low flow shutdown

Volume of Soil Excavated (cubic yards): 23

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

Impacted material was excavated and the bottom of the excavation was sampled for COGCC Table 910-1 compliance, all results were below standards with the exception of Arsenic. See Attached Table 1 and Site Plan. The Arsenic (5.4 mg/kg) is below background Arsenic value of 17.5 mg/kg as approved in REM # 8090. Excavated material will be 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: Jessica Dooling

Title: Rockies EHS Supervisor Date: 10/22/2018 Email: jessica_dooling@xtoenergy.com

COA Type**Description****Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
401802798	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401805227	SITE MAP
401805231	ANALYTICAL RESULTS
401810933	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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.	10/26/2018

Total: 1 comment(s)