

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401416942

Date Received:

09/29/2017

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

452298

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: BAYSWATER EXPLORATION AND PRODUCTION LLC	Operator No: 10261	Phone Numbers Phone: (303) 8932503 Mobile: () Email: mmiller@bayswater.us
Address: 730 17TH ST STE 610		
City: DENVER	State: CO Zip: 80202	
Contact Person: Meagan Miller		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 401411677

Initial Report Date: 09/22/2017 Date of Discovery: 09/22/2017 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SWSW SEC 27 TWP 7N RNG 65W MERIDIAN 6

Latitude: 40.541333 Longitude: -104.654861

Municipality (if within municipal boundaries): County: WELD

Reference Location:

Facility Type: FLOWLINE ☐ Facility/Location ID No ☐
☒ 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): >=1 and <5

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): 0

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

Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: 2-3 bbl oil released from flowline puncture

Land Use:

Current Land Use: CROP LAND Other(Specify):

Weather Condition: Sunny

Surface Owner: FEE 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):

A flowline from the Meyring 13-27 has encountered a breach. We are speculating that the rupture in the line was caused by the corn cutting equipment, or may have provided a way to get to surface when it went over the flowline. The flowline was closed on both ends, and has a capacity of 8 bbls in the line. It is estimated that 2-3 bbls was released from the line and traveled down a few of the cord row trenches. Berms are being built on either side of the travel oil, which has now soaked into the shallow surface ground. Booms and absorbent pads will be placed down the corn trenches until line locates can be called in.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
9/22/2017	COGCC	Rick Allison	-	emailed

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 09/29/2017		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	-5	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	0	0	<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: Approximately 3-5 bbls released from a flowline with 8 bbl capacity

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): 105 Width of Impact (feet): 45

Depth of Impact (feet BGS): 5 Depth of Impact (inches BGS): _____

How was extent determined?

Two rupture locations were discovered. The second rupture point was on the East side of the Lone Tree Creek, while the first discovered point was on the west side of lone tree creek. NO SURFACE WATER HAS BEEN CONTAMINATED. It was determined that both failure points were cause by the corn cutter driving over the flowline, which was closed at both ends. With the added weight and pressure, the two poorly welded valves on each end of the flowline ruptured. We have removed both points of failed flowline, pressure tested the liner (shown to have good integrity), and have dug out each area. The West dig site is 105'x45'(at widest)x5' (at deepest). The East dig site is 48'x35' (At widest)x 10' (at deepest). Please see the attached maps for reference

Soil/Geology Description:

Nunn Clay Loam, 0-1% slopes

Depth to Groundwater (feet BGS) 4 Number Water Wells within 1/2 mile radius: 15

If less than 1 mile, distance in feet to nearest

Water Well	<u>1047</u>	None <input type="checkbox"/>	Surface Water	<u>685</u>	None <input type="checkbox"/>
Wetlands	_____	None <input checked="" type="checkbox"/>	Springs	_____	None <input checked="" type="checkbox"/>
Livestock	<u>2222</u>	None <input type="checkbox"/>	Occupied Building	<u>827</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

nearest surface water is in between two dig sites, booms and sorbent materials were immediately placed to protect the Lone Tree Creek.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/29/2017

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)

Two rupture locations were discovered. The second rupture point was on the East side of the Lone Tree Creek, while the first discovered point was on the west side of lone tree creek. NO SURFACE WATER HAS BEEN CONTAMINATED. It was determined that both failure points were cause by the corn cutter driving over the flowline, which was closed at both ends. With the added weight and pressure, the two poorly welded valves on each end of the flowline ruptured.

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

We have removed both points of failed flowline, pressure tested the liner (shown to have good integrity), and have dug out each area. The flowlines will be seamed to new flowlines and pressure tested. The East Dig site is ready for sampling, while the West Dig site will continue to be cleaned and monitored throughout the weekend. An additional Supplemental Form 19 will be submitted once the sampling and results have been completed.

Volume of Soil Excavated (cubic yards): 1700

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment
☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): 1050

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:

An additional Supplemental Form 19 will be submitted once the sampling and results have been completed.

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

Signed: _____ Print Name: Meagan M. Miller

Title: Environmental Specialist Date: 09/29/2017 Email: mmiller@bayswater.us

COA Type

Description

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Attachment Check List

Att Doc Num

Name

401416942	SPILL/RELEASE REPORT(SUPPLEMENTAL)
401416953	SITE MAP
401418341	FORM 19 SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)