

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:

402805777

Date Received:

09/09/2021

Spill report taken by:

ALLISON, RICK

Spill/Release Point ID:

480699

**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 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

**OPERATOR INFORMATION**

Name of Operator: <u>BAYSWATER EXPLORATION &amp; PRODUCTION LLC</u>	Operator No: <u>10261</u>	<b>Phone Numbers</b>
Address: <u>730 17TH ST STE 500</u>		Phone: <u>(303) 893-2503</u>
City: <u>DENVER</u>	State: <u>CO</u>	Zip: <u>80202</u>
Contact Person: <u>Andy Verbonitz</u>		Mobile: <u>( )</u>
		Email: <u>averbonitz@bayswater.us</u>

Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

**INITIAL SPILL/RELEASE REPORT**

Initial Spill/Release Report Doc# 402797802

Initial Report Date: 08/31/2021 Date of Discovery: 08/30/2021 Spill Type: Recent Spill

**Spill/Release Point Location:**

QTRQTR SESW SEC 19 TWP 7N RNG 65W MERIDIAN 6

Latitude: 40.554401 Longitude: -104.707353

Municipality (if within municipal boundaries): \_\_\_\_\_ County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

**Reference Location:**

Facility Type: OIL AND GAS LOCATION  Facility/Location ID No 439204

Spill/Release Point Name: Waag 24 On Location Flowline  Well API No. (Only if the reference facility is well) 05- -

No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0 Estimated Condensate Spill Volume(bbl): >0 and <1

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >0 and <1

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

Specify: Mixture of condensate and produced water

Has the subject Spill/Release been controlled at the time of reporting? Yes

**Land Use:**

Current Land Use: OTHER Other(Specify): Production Facility Pad

Weather Condition: Sunny 90 degrees F

Surface Owner: FEE Other(Specify): \_\_\_\_\_

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

At approximately 16:00 on 8/30/2021 the site operator noticed fluid on the ground above the on-site flowline corridor. The site was immediately shut in and the lines were blown down. An estimated 1 bbl of fluid containing a mixture of condensate and produced water that was pooled onsite was recovered via hydro-vacuum. Upon excavation on 8/31/2021 a corrosion hole was discovered in the Waag 24 flowline. The flowline was repaired on 8/31/2021. Excavation activities are ongoing and impacted soil is being hauled to North Weld Landfill in Ault, Colorado for disposal. Please see attached Figure 1 Site Location Map showing the geographic setting or the release location. An initial Photographic Log is also attached.

**List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):**

**OTHER NOTIFICATIONS**

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
8/31/2021	Weld County	Roy Rudisill	-	via email
8/31/2021	COGCC	Rick Allison	-	via email
8/31/2021	Surface Owner		-	via phone

**REPORT CRITERIA**

**Rule 912.b.(1) Report to the Director (select all criteria that apply):**

No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.

Waters of the State: \_\_\_\_\_ Public Water System: \_\_\_\_\_

Residence or Occupied Structure: \_\_\_\_\_ Livestock: \_\_\_\_\_

Wildlife: \_\_\_\_\_ Publicly-Maintained Road: \_\_\_\_\_

Yes Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.

No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.

No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak

Enter the approximate time of discovery \_\_\_\_\_ (HH:MM)

Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 \_\_\_\_\_

Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? \_\_\_\_\_

Enter the Document Number of the Initial Accident Report, Form 22 \_\_\_\_\_

Was there damage during excavation? \_\_\_\_\_

Was CO 811 notified prior to excavation? \_\_\_\_\_

Yes Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.

Estimated Volume of Impacted Solids (cu. yd.): 100

No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:

The presence of free product or hydrocarbon sheen Surface Water

The presence of free product or hydrocarbon sheen on Groundwater

The presence of contaminated soil in contact with Groundwater

The presence of contaminated soil in contact with Surface water

Yes	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylight from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property.  <input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

### SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: <u>09/09/2021</u>		
<b>FLUIDS</b>	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>0</u>	<u>0</u>	<input type="checkbox"/>
CONDENSATE	<u>1</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>1</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<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 checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>30</u>		Width of Impact (feet): <u>20</u>	
Depth of Impact (feet BGS): <u>8</u>		Depth of Impact (inches BGS): <u>0</u>	
How was extent determined?			
Excavation activities are currently ongoing and the extent has not been determined. Confirmation soil and groundwater samples will be collected from the excavation following removal of impacted media. For profiling purposes, on 8/31/2021 one soil sample (SS01) was collected from the excavated soil suspected to be the most impacted. Based on the results of SS01, future confirmation soil samples will be analyzed for the full Table 915-1 list. A data table containing results for SS01 is attached along with the laboratory analytical report. Additional sidewall soil samples were collected on 9/8/2021 and are pending laboratory analysis.			
Soil/Geology Description:			
NRCS: Nunn Loam 1-3 % Slopes. Field (USCS): 0 to 1.5' bgs - Road base gravel and silt, 1.5 to 8' bgs Silty clay with fine sand (CL)			
Depth to Groundwater (feet BGS) <u>8</u>		Number Water Wells within 1/2 mile radius: <u>4</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>1640</u> None <input type="checkbox"/>	Surface Water <u>650</u> None <input type="checkbox"/>
		Wetlands <u>650</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock <u>1740</u> None <input type="checkbox"/>	Occupied Building <u>1850</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			
Excavation dimensions and disposal volumes are current but will increase based on ongoing activities.			

### CORRECTIVE ACTIONS

#1 Supplemental Report Date: 09/09/2021

Root Cause of Spill/Release Corrosion

Other (specify)

Type of Equipment at Point of Spill/Release: Other

If "Other" selected above, specify or describe here:

On Location Flowline

Describe Incident & Root Cause (include specific equipment and point of failure)

At approximately 16:00 on 8/30/2021 the site operator noticed fluid on the ground above the on-site flowline corridor. The site was immediately shut in and the lines were blown down. An estimated 1 bbl of fluid containing a mixture of condensate and produced water that was pooled onsite was recovered via hydro-vacuum. Upon excavation on 8/31/2021 a corrosion hole was discovered in the Waag 24 flowline. The flowline was repaired on 8/31/2021. Please see attached photo log showing corrosion hole in removed section of flowline, and the Waag 24 flowline following it's repair, which was achieved by welding in a new section of 3" OD FBE coated flowline. Failure point was determined to be from external corrosion.

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

The removed section of flowline has been sent off for analysis to determine type of corrosion (microbial, metal fatigue and/or electrolysis). Upon receipt of analysis, Bayswater will review and determine an appropriate measure to prevent reoccurrence. Bayswater currently conducts annual pressure tests of all flowlines and implements corrosion inhibitor pumps on multi-well locations. All flowlines at the Waag South SESW Pad 1 Production Facility will be pressure tested prior to being returned to production.

Volume of Soil Excavated (cubic yards): 220

Disposition of Excavated Soil (attach documentation) [X] Offsite Disposal [ ] Onsite Treatment [ ] Other (specify)

Volume of Impacted Ground Water Removed (bbls): 100

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, check all that apply) [ ] Horizontal and Vertical extents of impacts have been delineated. [ ] Documentation of compliance with Table 915-1 is attached. [ ] All E&P Waste has been properly treated or disposed. [ ] Work proceeding under an approved Form 27 (Rule 912.c). Form 27 Remediation Project No: [ ] SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

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

Signed: Andy Verbonitz Print Name: Andy Verbonitz Title: Environmental Coordinator Date: 09/09/2021 Email: averbonitz@bayswater.us

Table with 2 columns: COA Type, Description

Attachment List

**Att Doc Num**      **Name**

402806399	PHOTO DOCUMENTATION
402806409	ANALYTICAL RESULTS
402806410	ANALYTICAL RESULTS

Total Attach: 3 Files

**General Comments**

**User Group**      **Comment**

**Comment Date**

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

Total: 0 comment(s)