

State of Colorado Oil and Gas Conservation Commission

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Document Number:

403420986

Date Received:

06/02/2023

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

484603

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: TALLGRASS WATER WESTERN LLC	Operator No: 10608	Phone Numbers
Address: 370 VAN GORDON STREET		Phone: (316) 322-3514
City: LAKEWOOD State: CO Zip: 80228		Mobile: (316) 322-3514
Contact Person: Scott Yount		Email: scott.yount@tallgrass.com

☐ 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# 403408430

Initial Report Date: 05/20/2023 Date of Discovery: 05/20/2023 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NWSW SEC 16 TWP 9N RNG 59W MERIDIAN 6

Latitude: 40.748694 Longitude: -103.991002

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: WELL SITE

☒ Facility/Location ID No 444115

Spill/Release Point Name:

☐ 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

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:

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

Land Use:

Current Land Use: NON-CROP LAND

Other(Specify):

Weather Condition: Partly cloudy, 66 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):

A release of produce/brine water was discovered at the facility when a third-party pumper noticed water spraying from the above ground pipeline that feed the injection well. Notice was made to the Tallgrass Operator at which time the injection well was shut in to prevent further release. A vacuum truck was dispatched to collect produced/brine water that had pooled on the pad, at this time no offsite impacts have been identified. At the time of the release, pooled rain water was on the site due to a recent rain event. That water has been collected as well

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

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
5/20/2023	Landonwer	Wade Caster	970-768-0363	Verbal Notification - left message
5/20/2023	Colorado Parks and Wildlife	Brandon Marette	-	Notification made by email
5/20/2023	Weld County Emergency Mgmt.	None	-	Notification made on line

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.
- Yes 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? _____
- No 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.): _____
- 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

No	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 daylights 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: 06/02/2023		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	40	30	<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 & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
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) <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>250</u>		Width of Impact (feet): <u>4</u>	
Depth of Impact (feet BGS): <u>1</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Based on visibly impacted soil and extent of pooled produced/brine water			
Soil/Geology Description:			
The site geology is characterized as the Tertiary White River Group including the Brule Formation overlying the Arikaree Formation. The soils at the Wildhorse 16 SWD Facility consist of Eppling Silt Loam (unit #27) occupying 0-9% slopes over the southern 1/3 of the facility and the Otero Sandy Loam (unit #46) occupying 0-3% slopes over the northern 2/3 of the facility.			
Depth to Groundwater (feet BGS) <u>100</u>		Number Water Wells within 1/2 mile radius: <u>0</u>	
If less than 1 mile, distance in feet to nearest	Water Well _____	None <input checked="" type="checkbox"/>	Surface Water _____
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____
	Livestock <u>500</u>	None <input type="checkbox"/>	Occupied Building _____
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 06/02/2023

Root Cause of Spill/Release Equipment Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Other

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

High pressure fiberglass pipe associated that feed the injection well

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

Threaded connection of two pipe joints failed.

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

Replacing fiberglass pipe with a flex steel pipe

Volume of Soil Excavated (cubic yards): 75

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, 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: _____ Print Name: Scott Yount

Title: Sr. EHS Specialist Date: 06/02/2023 Email: scott.yount@tallgrass.com

<u>COA Type</u>	<u>Description</u>
	Operator shall check the box for "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." for wildlife since the area contains the following high priority habitats: - Mule Deer Severe Winter Range - Pronghorn Winter Concentration
	Operator shall submit a "Soil Sampling Location Map" that includes: a scale, an aerial photograph that shows the location of field screening, sample(s), and background sample(s).
	If a spill/release of produced fluids or E&P waste causes an impact to soil, the operator should perform sampling and analysis to fully delineate the lateral and vertical extent of those impacts.
	No photo documentation was attached. Operator will attach photo documentation required by Rule 912.b.(4)B. on a Form 19 Supplemental Report.
	Operator will include recent soil and water analytical data in a table format in Quarterly updates. Operator shall submit field notes of all field activities reported during a Quarterly Update.
	Operator shall collect confirmation soil samples as described in the Rule 915.e.(2) Guidance Document. Operator will analyze soil samples for TPH (C6-C36), Table 915-1 Organic Compounds in Soil, Table 915-1 metals, and Table 915-1 Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)).
	The Supplemental Report for this release was not submitted within 10 days of discovery of the release as required by Rule 912.b.(4). Operator will provide explanation for late report on the next Form 19 Supplemental including actions implemented to prevent late reporting in the future.
7 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403420986	FORM 19 SUBMITTED
403421010	TOPOGRAPHIC MAP

Total Attach: 2 Files

General Comments

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

Total: 0 comment(s)