

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203

Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

403770646

Date Received:

05/15/2024

Spill report taken by:

Heibel, Krystal

Spill/Release Point ID:

486548

**SPILL/RELEASE REPORT (SUPPLEMENTAL)**

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC 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>SCHNEIDER ENERGY SERVICES INC</u>	Operator No: <u>76840</u>	<b>Phone Numbers</b>
Address: <u>P O BOX 889</u>		Phone: <u>(970) 381-9588</u>
City: <u>FORT MORGAN</u>	State: <u>CO</u>	Zip: <u>80701</u>
Contact Person: <u>Jeff Schneider</u>		Mobile: <u>( )</u>
		Email: <u>jeff@schneiderenergy.com</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# 403759656

Initial Report Date: <u>04/18/2024</u>	Date of Discovery: <u>04/17/2024</u>	Spill Type: <u>Recent Spill</u>
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**Spill/Release Point Location:**

QTRQTR SE SEC 23 TWP 1N RNG 53W MERIDIAN 6

Latitude: 40.032673 Longitude: -103.269897

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

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

☐ Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

**Reference Location:**

Facility Type: FLOWLINE SYSTEM ☒ Facility/Location ID No 466259

Spill/Release Point Name: Gebaeuer Off-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): <u>&gt;=5 and &lt;100</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>0</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

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: Cloudy

Surface Owner: FEE Other(Specify): Charlotte Kumor

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

A leak was found near the off-location flowline for the Gebaeuer wells on 4/18/2024 at approximately 8:00am. The wells have been shut in and blown down and the valves at each end of the flowline have been shut. Berms were built to stop the spill from expanding. Roustabouts began clean up and assessment today.

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

**OTHER NOTIFICATIONS**

Date	Agency/Party	Contact	Phone	Response
4/18/2024	Surface Owner	Charlotte Kumor	-	Mailed to PO Box 712, Grant, NE 69140
4/18/2024	Washington County	Hali Thompson	970-345-6662	Phone Call

**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: \_\_\_\_\_
- No 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? \_\_\_\_\_
- 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

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 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: 04/26/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	10	10	<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 10 bbls spilled; saturated soils were excavated and removed.

Was spill/release completely contained within berms or secondary containment? YES 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): 547 Width of Impact (feet): 26

Depth of Impact (feet BGS): 16 Depth of Impact (inches BGS):

How was extent determined?

Field measured.

Soil/Geology Description:

NCRS Map Unit 76, Wages-Ascalon Loams, 5-9% Slopes, CL Rating

Depth to Groundwater (feet BGS) 350 Number Water Wells within 1/2 mile radius: 2

If less than 1 mile, distance in feet to nearest

Water Well	1654	None	<input type="checkbox"/>	Surface Water	None	<input checked="" type="checkbox"/>	
Wetlands		None	<input checked="" type="checkbox"/>	Springs	None	<input checked="" type="checkbox"/>	
Livestock	5220	None	<input type="checkbox"/>	Occupied Building	4923	None	<input type="checkbox"/>

Additional Spill Details Not Provided Above:

Depth to groundwater was determined based on DWR permitted water wells (Permit #63081 and #253341--A) within a 1 mile radius. Because depth to groundwater is at 350' and soil lithology is loamy, Operator requests approval for Table 915-1 Residential Screening.

Confirmation soil samples will be taken once excavation activities are complete.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 04/26/2024

Root Cause of Spill/Release Pipe, Weld, or Joint Failure

Other (specify) \_\_\_\_\_

Type of Equipment at Point of Spill/Release: Other

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

Flowline

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

Point of failure was determined to be at the flowline riser at a tee point below ground. During clean up activities while conducting excavation around the above ground riser, a buried 3" light wall tee, 3" x close nipple and a 3" LP hammer union were uncovered. It was determined that the 3" LP hammer union failed. These below ground fittings were threaded. Suspected causes for this failure may be due to thermal cycles causing the expansion and compression at the fitting connections, and intermittent livestock intervention as there was not a guard around the riser above ground. Please see attached investigation summary.

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

The riser pipe will be replaced with fusion bond epoxy coated standard wall pipe. All connections below ground will be welded together and the exposed pipe above ground will be threaded. A guard will be placed around the riser once replacement has been completed. Annual flowline testing will continue to be completed, routine on-site inspections will be conducted to ensure there are no further failures.

Volume of Soil Excavated (cubic yards): 240

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:

Depth to groundwater was determined based on DWR permitted water wells (Permit #63081 and #253341--A) within a 1 mile radius. Because depth to groundwater is at 350' and soil lithology is loamy, Operator requests approval for Table 915-1 Residential Screening.

Waste Disposal Manifests from excavation along with sample location and analytical will be provided with the 90 day Form 19 Supplemental.

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

Signed: \_\_\_\_\_ Print Name: Jessica Donahue

Title: Compliance Specialist Date: 05/15/2024 Email: jdonahue@ardorenvironmental.com

<u>COA Type</u>	<u>Description</u>
	Delineate horizontal and vertical extent of impacted area using the Table 915-1 Residential Screening and remediate impacts to Table 915-1 standards. Documentation must include a figure showing spill area with sample locations plus laboratory results.
	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)).
2 COAs	

#### **ATTACHMENT LIST**

<u>Att Doc Num</u>	<u>Name</u>
403770646	SPILL/RELEASE REPORT(SUPPLEMENTAL)
403771216	SITE MAP
403771220	TOPOGRAPHIC MAP
403771265	SITE INVESTIGATION PLAN
403791669	MAP
403791953	FORM 19 SUBMITTED

Total Attach: 6 Files

#### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	ECMC approves Operator's request for use of Residential SSLs based on the depth to groundwater and the local lithology suggesting a pathway to groundwater at this location is not likely.	05/15/2024

Total: 1 comment(s)