

State of Colorado Oil and Gas Conservation Commission

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Document Number:

402849012

Date Received:

10/21/2021

Spill report taken by:

NEIDEL, KRIS

Spill/Release Point ID:

480932

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>CHEVRON USA INC</u>	Operator No: <u>16700</u>	Phone Numbers
Address: <u>100 CHEVRON ROAD</u>		Phone: <u>(970) 675-3814</u>
City: <u>RANGELY</u>	State: <u>CO</u>	Mobile: <u>(307) 871-5363</u>
Zip: <u>81648</u>		Email: <u>spwu@chevron.com</u>
Contact Person: <u>Chris Patterson</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# 402841752

Initial Report Date: 10/14/2021 Date of Discovery: 10/12/2021 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NESE SEC 30 TWP 2N RNG 102W MERIDIAN 6Latitude: 40.110589 Longitude: -108.877158Municipality (if within municipal boundaries): _____ County: RIO BLANCO

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

Reference Location:

Facility Type: FLOWLINE SYSTEM☒ Facility/Location ID No 314965

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 and <1Estimated Condensate Spill Volume(bbl): 0Estimated Flow Back Fluid Spill Volume(bbl): 0Estimated Produced Water Spill Volume(bbl): >=1 and <5Estimated Other E&P Waste Spill Volume(bbl): 0Estimated 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: Cloudy, Calm 40 Degrees FSurface Owner: FEE

Other(Specify): _____

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

We had a spill of 1.65 bbl produced (injection) water and 0.19 bbl of oil from the FEE 96X Flowline, near the well. All fluids stayed on pad location. Flowline was isolated upon discovery and notifications were made. Clean up has been started and spill area will be water washed with clean fresh water from the main water plant. Cause and depth of impact are unknown at this time.

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>
10/14/2021	Rio Blanco CO	Eddie Smercina	-	Email
10/14/2021	Chevron Land	Candace L- Howard	-	Email

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? _____
- 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: 10/21/2021		
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FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	1	1	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	50	50	<input type="checkbox"/>

specify: Clean fresh water from the main water plant used to wash spill area

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): 47 Width of Impact (feet): 18

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

How was extent determined?

Field measured with tape and wheel. Failure was approximately 2 feet below surface.

Soil/Geology Description:

High Clay

Depth to Groundwater (feet BGS) 3025 Number Water Wells within 1/2 mile radius: 0

If less than 1 mile, distance in feet to nearest

Water Well _____	None <input checked="" type="checkbox"/>	Surface Water <u>718</u>	None <input type="checkbox"/>
Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____	None <input checked="" type="checkbox"/>
Livestock <u>0</u>	None <input type="checkbox"/>	Occupied Building <u>500</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Occupied building is Chevron Rangely Office. All measurements and locations were collected from the COGCC GIS online map system. A soil sample below depth of impact will be taken along with other soil samples to assess the nature and extent of contamination, we will delineate the horizontal and vertical extent of impacted area and remediate impacts to Table 915-1 Protection of Groundwater Soil Screening Level Concentrations.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 10/21/2021

Root Cause of Spill/Release Corrosion

Other (specify) _____

Type of Equipment at Point of Spill/Release: Production Line

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

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

We had a spill of 1.65 bbl produced (injection) water and 0.19 bbl of oil from the FEE 96X Flowline, near the well. All fluids stayed on pad location. Failure was due to external corrosion of 4 inch piping, 2 feet below grade.

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

Piping will be replaced with new coated pipe.

Volume of Soil Excavated (cubic yards): _____

Disposition of Excavated Soil (attach documentation) ☐ Offsite Disposal ☐ Onsite Treatment

☐ Other (specify) _____

Volume of Impacted Ground Water Removed (bbls): _____

Volume of Impacted Surface Water Removed (bbls): _____

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:

Please see attachments

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

Signed: _____ Print Name: Chris Patterson

Title: Lead HSE Specialist Date: 10/21/2021 Email: spwu@chevron.com

Condition of Approval

COA Type**Description**

	Confirmation of compliance with Table 910-1 should include a soil sample at release depth.
	Assess the nature and extent of contamination with confirmation surface water and soil samples. Delineate the horizontal and vertical extent of impacted area and remediate impacts to Table 915-1 Protection of Groundwater Soil Screening Level Concentrations. Provide documentation in either a Supplemental Form 19 if cleaned up within 90 days. Spills open longer than 90 days require a Form 27. Documentation must include a figure showing spill area with sample locations plus laboratory results.
2 COAs	

Attachment List

Att Doc Num**Name**

402849012	SPILL/RELEASE REPORT(SUPPLEMENTAL)
402849070	SITE MAP
402849072	PHOTO DOCUMENTATION
402857790	FORM 19 SUBMITTED

Total Attach: 4 Files

General Comments

User Group**Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)