

State of Colorado
Energy & Carbon Management Commission



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404072223

Date Received:

02/10/2025

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.

Spill report taken by:

Ahmadian, Alexander

Spill/Release Point ID:

488563

OPERATOR INFORMATION

Name of Operator: <u>NOBLE ENERGY INC</u>	Operator No: <u>100322</u>	Phone Numbers
Address: <u>1099 18TH STREET SUITE 1500</u>		Phone: <u>(970) 730-7281</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Dan Peterson</u>		Email: <u>danpeterson@chevron.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# 403999221

Initial Report Date: 11/19/2024 Date of Discovery: 11/17/2024 Spill Type: Recent Spill

Spill/Release Point Location:

QTRQTR NESE SEC 10 TWP 2N RNG 64W MERIDIAN 6

Latitude: 40.152059 Longitude: -104.542241

Municipality (if within municipal boundaries): No County: WELD

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: OIL AND GAS LOCATION Facility/Location ID No 434482

Spill/Release Point Name: Oscar SW Facility 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): >=1 and <5

Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0

Estimated Produced Water Spill Volume(bbl): >=1 and <5

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: 40s, Sunny

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 reportable release occurred on 11/17/24 at the Oscar SW Facility. Approximately 5.61 BBL of crude oil/produced water mix was released outside of containment from a failed Kimray valve on a bulk separator. The release is controlled and a hydrovac was used to excavate impacted soil - all standing fluid has been removed and properly disposed of as of 11/17/2024. A site investigation was conducted and a waste characterization sample was collected on 11/18/2024.

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>
11/17/2024	Noble Land	Landowner	--	Verbal Notice
11/17/2024	Weld County	Brett Cavanagh	--	Email
11/17/2024	Weld County	David Burns	--	Email
11/17/2024	ECMC	Alex Ahmadian	--	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 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.

Areas offsite of Oil & Gas Location 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: 01/28/2025

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	<u>3</u>	<u>3</u>	<input type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>3</u>	<u>3</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? 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): 16 Width of Impact (feet): 21

Depth of Impact (feet BGS): 1 Depth of Impact (inches BGS): _____

How was extent determined?

Eleven soil samples have been collected in the spill area. All soil samples were submitted to Summit Scientific Inc. in Golden, Colorado and Origins Laboratory in Denver, Colorado and analyzed for ECMC Table 915-1 constituents. Two confirmation samples are still pending analytical results (FS-02(2) and FS-04(2)). Laboratory results for all other confirmation samples indicated that all petroleum and inorganic constituents were less than their respective Table 915-1 standards or background sample values except for Barium and Selenium. The data from these samples is summarized on Tables 1 to 4. The sample locations in the spill area are shown on the figure.

Soil/Geology Description:

Silty sand (SM)

Depth to Groundwater (feet BGS) 150 Number Water Wells within 1/2 mile radius: 3

If less than 1 mile, distance in feet to nearest

Water Well <u>1994</u>	None <input type="checkbox"/>	Surface Water <u>1993</u>	None <input type="checkbox"/>
Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____	None <input checked="" type="checkbox"/>
Livestock <u>1993</u>	None <input type="checkbox"/>	Occupied Building <u>3758</u>	None <input type="checkbox"/>

Additional Spill Details Not Provided Above:

Nine background soil samples were collected (see soil samples beginning in "BG") from outside of the area disturbed by Oil and Gas operations, of comparable, nearby, non-impacted, native soil as well as from imported, non-impacted pad material comparable to material where the release occurred. Four background samples were collected on 7/22/24 to address a spill at a site immediately adjacent to the Oscar spill. The background soil laboratory data is summarized in Tables 3 and 4. Analytical results for background samples show arsenic and pH values greater than samples collected in the release area. Therefore indicating that As and pH are naturally occurring in the native soil and non-impacted imported fill material thus eliminating such constituents as contaminants of concern. All Table 915-1 constituents have been adequately remediated except for barium and selenium. Operator is currently evaluating remedial options for those constituents. A description of further investigation and remediation of impacts is outlined in Initial Form 27, document number 404061805.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/28/2025

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:

Kimray valve on bulk separator.

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

On 11/17/2024, a hole formed in the underside of the Kimray valve on a bulk separator at the Oscar SW Facility due to microbial induced corrosion.

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

Upon discovery, the facility was shut in and all infrastructure was inspected for signs of corrosion. The corroded Kimray valve will be replaced with a heavy-duty material rated for higher pressures and better equipped to withstand corrosion than the previously installed valve. Regular preventative inspections shall also continue to be conducted in effort to prevent this issue from reoccurring.

Volume of Soil Excavated (cubic yards): 10

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: 38829

SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

PDC requests closure of this Spill/Release Point ID: 488563 and transfer to Remediation Project #38829 as assigned in Initial Form 27, document #404061805.

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

Signed: _____ Print Name: Michelle Bartoszek

Title: HSE Advisor Date: 02/10/2025 Email: michelle.bartoszek@chevron.com

<u>COA Type</u>	<u>Description</u>
0 COA	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
404072267	REMEDATION MEASURES

Total Attach: 1 Files

General Comments

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

Total: 0 comment(s)