

State of Colorado  
Energy & Carbon Management Commission

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Document Number:

403662142

Date Received:

01/22/2024

Spill report taken by:

Waggoner, Kyle

Spill/Release Point ID:

485918

## SPILL/RELEASE REPORT (INITIAL /w 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>NOBLE ENERGY INC</u>              | Operator No: <u>100322</u> | <b>Phone Numbers</b>               |
| Address: <u>2001 16TH STREET SUITE 900</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>rbueuf27@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# 403662142

Initial Report Date: 01/22/2024 Date of Discovery: 01/19/2024 Spill Type: Historical Release

#### Spill/Release Point Location:

QTRQTR NWNE SEC 23 TWP 4N RNG 65W MERIDIAN 6

Latitude: 40.305000 Longitude: -104.630639

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: TANK BATTERY  Facility/Location ID No 309888

Spill/Release Point Name: HSR Fischer 6-23 Tank Battery  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): Unknown Estimated Condensate Spill Volume(bbl): Unknown

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): Unknown

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: CROP LAND Other(Specify): \_\_\_\_\_

Weather Condition: 40s and 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):

While potholing for the RBU Madison pipeline historical impacts were encountered at the site of the former Noble HSR Fischer 6-23 tank battery. Stained soil and groundwater with a sheen was sampled for waste characterization analysis by a certified laboratory. Initial laboratory data 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> |
|-------------|---------------------|----------------|--------------|-----------------|
| 1/19/2024   | ECMC                | Chris Sanchez  | -            |                 |
| 1/19/2024   | Weld County         | David Burns    | -            |                 |
| 1/19/2024   | Weld County         | Jason Maxey    | -            |                 |
| 1/19/2024   | Noble Land          | Landowner      | -            |                 |

**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.): \_\_\_\_\_

Yes 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.

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: 01/22/2024

| FLUIDS          | BBL's SPILLED | BBL's RECOVERED | Unknown                             |
|-----------------|---------------|-----------------|-------------------------------------|
| OIL             | _____         | _____           | <input checked="" type="checkbox"/> |
| CONDENSATE      | _____         | _____           | <input checked="" type="checkbox"/> |
| PRODUCED WATER  | _____         | _____           | <input checked="" 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): 10 Width of Impact (feet): 4

Depth of Impact (feet BGS): 6 Depth of Impact (inches BGS): \_\_\_\_\_

How was extent determined?

The extent of impacts will be determined through an environmental site assessment. All data will be submitted on a supplemental form 19.

Soil/Geology Description:

Poorly graded sand

Depth to Groundwater (feet BGS) 6 Number Water Wells within 1/2 mile radius: 4

If less than 1 mile, distance in feet to nearest

|            |             |  |                   |             |  |
|------------|-------------|--|-------------------|-------------|--|
| Water Well | <u>1739</u> | None <input type="checkbox"/>            | Surface Water     | <u>531</u>  | None <input type="checkbox"/>            |
| Wetlands   | <u>589</u>  | None <input type="checkbox"/>            | Springs           | _____       | None <input checked="" type="checkbox"/> |
| Livestock  | _____       | None <input checked="" type="checkbox"/> | Occupied Building | <u>2414</u> | None <input type="checkbox"/>            |

Additional Spill Details Not Provided Above:

No additional spill details.

## CORRECTIVE ACTIONS

#1 Supplemental Report Date: 01/22/2024

Root Cause of Spill/Release Unknown (Historical)

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)

Historical impacts discovered during potholing near site of previous tank battery.

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

Noble conducts routine AVO inspections of all oil and gas facilities.

Volume of Soil Excavated (cubic yards): 8

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: Kilian Collins

Title: Environmental Specialist Date: 01/22/2024 Email: kiliancollins@chevron.com

| <b>COA Type</b> | <b>Description</b>   |
|-----------------|--|
|                 | ECMC noted the date on the Table is not correct. Going forward the Operator shall assure dates are correct for submittals  |
|                 | Due to the presence of impacted soil in contact with groundwater (groundwater observed within the excavation) Operator shall:<br>- Comply with Table 915-1 Protection of Groundwater Soil Screening Level Concentrations.<br>- Operator will install monitoring wells (within the spill/release area, cross-gradient, down-gradient, and up-gradient) to properly characterize groundwater pursuant to Rule 915 and determine hydraulic gradient, as required by Rule 915.e.(3)A.ii. All monitoring wells shall be constructed as permanent monitoring wells in accordance with the State Engineer's Water Well Construction and Permitting Rules  |
|                 | 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)).<br><br>The impacted soil will be segregated for proper offsite disposal and the lateral and vertical extent of impacts shall be determined with appropriate confirmation soil sampling.   |
|                 | Per Rule 912.b.(4), the Operator shall supply the following information<br>A. A topographic map showing the governmental section and location of the spill or an aerial photograph showing the location of the spill<br>B. All pertinent information about the spill/release known to the Operator that has not been reported previously including photo documentation showing the source of the Spill or Release, the impacted area, and initial cleanup activity<br>C. Information relating to the initial mitigation, site investigation, and remediation measures conducted by the Operator<br>D. Global Positioning System data that meets the requirements of Rule 216 if latitude and longitude data provided pursuant to Rule 912.b.(2).A did not meet the requirements of Rule 216. |
|                 | Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i-iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director.<br><br>Supplemental requesting closure is due by April 08, 2023   |
| 5 COAs          |  |

### **Attachment List**

| <b>Att Doc Num</b> | <b>Name</b>               |
|--------------------|---------------------------|
| 403662142          | SPILL/RELEASE REPORT(I/S) |
| 403662278          | ANALYTICAL RESULTS        |
| 403666990          | FORM 19 SUBMITTED         |

Total Attach: 3 Files

### **General Comments**

| <b>User Group</b> | <b>Comment</b> | <b>Comment Date</b> |
|-------------------|----------------|---------------------|
|                   |                | Stamp Upon Approval |

Total: 0 comment(s)