

State of Colorado
Energy & Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:
404575481

Receive Date:

Report taken by:

Site Investigation and Remediation Workplan (Supplemental Form)

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. However, this shall not preclude the Operator from taking immediate action to protect public health or safety, the environment, wildlife, or livestock.

This Form 27 describes site conditions as currently understood by the Operator; approval of this Form 27 by ECMC is based on the site conditions accurately described herein; any changes in site conditions identified during or subsequent to the performance of the approved workplan may necessitate additional investigation or remediation which shall be described on a supplemental Form 27. This Form 27 is intended to provide basic information regarding the proposed site investigation and remediation actions, but the workplan may be more fully described in attached documentation.

Closure request is not available for an Initial Site Investigation and Remediation Workplan.

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) 304-5000</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Lauren Hoff</u>	Email: <u>Rbueuf27@chevron.com</u>	

PROJECT, PURPOSE & SITE INFORMATION

PROJECT INFORMATION

Remediation Project #: 39833 Initial Form 27 Document #: 404112356

PURPOSE INFORMATION

- Rule 913.c.(1): Pit or Cuttings Trench closure.
- Rule 913.c.(2): Buried or partially buried vessel closure, which will be by removal.
- Rule 913.c.(3): Remediation of Spill and Releases pursuant to Rule 912.
- Rule 913.c.(4): Land treatment of Oily Waste pursuant to Rule 905.e.
- Rule 913.c.(5): Closure of Centralized E&P Waste Management Facilities pursuant to Rule 907.h.
- Rule 913.c.(6): Remediation of impacted Groundwater pursuant to Rule 915.e.(3).D, and the contaminant concentrations in Table 915-1.
- Rule 913.c.(7): Investigation and remediation of natural gas in soil or Groundwater.
- Rule 913.c.(8): When requested by the Director due to any potential risk to soil, Groundwater, or surface water.
- Rule 913.c.(9): Decommissioning of Oil and Gas Facilities.
- Rule 913.g: Changes of Operator.
- Rule 915.b: Request to leave elevated inorganics in situ.
- Other: _____

SITE INFORMATION

No Multiple Facilities

Facility Type: <u>WELL</u>	Facility ID: _____	API #: <u>123-17146</u>	County Name: <u>WELD</u>
Facility Name: <u>PLATTE VALLEY 13-24</u>	Latitude: <u>40.314150</u>	Longitude: <u>-104.614092</u>	
** correct Lat/Long if needed: Latitude: _____		Longitude: _____	
QtrQtr: <u>SENW</u>	Sec: <u>13</u>	Twps: <u>4N</u>	Range: <u>65W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u>

SITE CONDITIONS

General soil type - USCS Classifications SW Most Sensitive Adjacent Land Use Grassland

Is domestic water well within 1/4 mile? No Is surface water within 1/4 mile? Yes

Is groundwater less than 20 feet below ground surface? No

Other Potential Receptors within 1/4 mile

Riverine 0.05mi N

SITE INVESTIGATION PLAN

TYPE OF WASTE:

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> E&P Waste | <input type="checkbox"/> Other E&P Waste | <input type="checkbox"/> Non-E&P Waste |
| <input checked="" type="checkbox"/> Produced Water | <input type="checkbox"/> Workover Fluids | _____ |
| <input checked="" type="checkbox"/> Oil | <input type="checkbox"/> Tank Bottoms | |
| <input checked="" type="checkbox"/> Condensate | <input type="checkbox"/> Pigging Waste | |
| <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rig Wash | |
| <input type="checkbox"/> Drill Cuttings | <input type="checkbox"/> Spent Filters | |
| | <input type="checkbox"/> Pit Bottoms | |
| | <input type="checkbox"/> Other (as described by EPA) | _____ |

DESCRIPTION OF IMPACT

Impacted?	Impacted Media	Extent of Impact	How Determined
UNDETERMINED	GROUNDWATER	NA	Lab analysis and field screening if encountered
Yes	SOILS	Refer to ECMC Doc. #404421594	Lab analysis and field screening

INITIAL ACTION SUMMARY

Description of initial action or emergency response measures take to abate, investigate, and/or remediate impacts associated with E&P Waste.

Pursuant to ECMC Rule 911 a site investigation was conducted pertaining to the PLATTE VALLEY 13-24 wellhead cut and cap and flowline removal. The wellhead was cut and capped per ECMC rules. Soil samples were field screened at the N-E-S-W sides of the wellhead. Soil samples were collected beneath the flowline risers at the wellhead and the separator. Approximately 578' of flowline was removed, however a portion of the flowline was abandoned-in-place as it lies in a common trench with at least one other line. So as to not disturb the other line(s) sharing the common trench, a sample was not collected at the change of direction where the flowline path changed from south to southwest. The ECMC will be updated in a supplemental Form 27 if a portion of the flowline is able to be removed. The Flowline Pre-Abandonment Notice document number is 404300217.

PROPOSED SAMPLING PLAN

Proposed Soil Sampling

Will soil samples be collected as part of this investigation? (Number, type (grab/composite), analyses, and locations of samples):

A grab soil sample was collected at the base of the excavation or the area showing the highest degree of impact during field screening activities at the wellhead excavation. Additionally, soil samples were field screened at the N-E-S-W sides of the wellhead. Soil samples were collected beneath the flowline risers at the wellhead and separator and at the cut and capped end of the flowline and field screening occurred at least every 250 feet along the flowline. Soil samples were analyzed by a certified laboratory for the full extent of Table 915-1, including but not limited to: TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons) organic compounds in soil per ECMC Table 915-1, and EC, SAR, pH, metals, and boron. All samples collected were analyzed by a certified laboratory using approved ECMC laboratory analysis methods.

Proposed Groundwater Sampling

Will groundwater samples be collected as part of this investigation? (Number, analyses, and locations of samples):

If groundwater is encountered during the site investigation a grab groundwater sample will be collected and analyzed for all organic compounds and inorganic parameters per ECMC Table 915-1.

Proposed Surface Water Sampling

Will surface water samples be collected as part of this investigation? (Number, analyses, and locations of samples):

Additional Investigative Actions

Additional alternative investigative actions described in attached Site Investigation Plan (summary):

Visual inspection of the wellhead and flowline areas occurred during decommissioning activities. Field personnel field screened all disturbed areas using visual and olfactory senses to determine if laboratory confirmation sampling was required. A detailed summary of flowline and wellhead decommissioning activities, including field notes, site photos, figures, and laboratory analytical results, were attached to ECMC Document Numbers 404328169 and 404421594, which are still in-process and pending approval at the time of this submittal.

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

Number of soil samples collected 2
Number of soil samples exceeding 915-1 0
Was the areal and vertical extent of soil contamination delineated? No
Approximate areal extent (square feet) 0

NA / ND

-- Highest concentration of TPH (mg/kg) 76.1
-- Highest concentration of SAR 1.1
BTEX > 915-1 No
Vertical Extent > 915-1 (in feet) 0

Groundwater

Number of groundwater samples collected 0
Was extent of groundwater contaminated delineated? Yes
Depth to groundwater (below ground surface, in feet) _____
Number of groundwater monitoring wells installed _____
Number of groundwater samples exceeding 915-1 _____

____ Highest concentration of Benzene (µg/l) _____
____ Highest concentration of Toluene (µg/l) _____
____ Highest concentration of Ethylbenzene (µg/l) _____
____ Highest concentration of Xylene (µg/l) _____
____ Highest concentration of Methane (mg/l) _____

Surface Water

0 Number of surface water samples collected
0 Number of surface water samples exceeding 915-1
If surface water is impacted, other agency notification may be required.

OTHER INVESTIGATION INFORMATION

Were impacts to adjacent property or offsite impacts identified?

Were background samples collected as part of this site investigation?

On June 19, 2025, four background soil samples were collected from two discrete locations (BKG01 and BKG02) adjacent to the flowline at depths of approximately 2 and 4 feet below ground surface (ft bgs). On September 10, 2025, three background soil samples were collected by a Chevron business partner from three discrete locations (BKG01-BKG03) at approximately 4.5 ft bgs. All background soil samples were analyzed for metals in soil per ECMC Table 915-1, pH, EC, SAR, and boron. The maximum background concentrations for pH and EC were observed to be 9.42 and 2.4 mmhos/cm, respectively. The maximum background concentration with a 1.25x multiplier applied for arsenic, barium, lead, and selenium were calculated to be 6.9 mg/kg, 308 mg/kg, 22.1 mg/kg, and 0.50 mg/kg, respectfully. Based on the results, the EC concentration remains in exceedance of the ECMC standard and background concentrations in soil sample location FL01-04@4'.

Was investigation derived waste (IDW) generated as part of this investigation?

Volume of solid waste (cubic yards) _____ Volume of liquid waste (barrels) _____

Is further site investigation required?

Based on analytical results from decommissioning activities, a supplemental site investigation (SSI) will be conducted to collect additional background samples to determine if the EC exceedance observed at FL01-04@4' is attributed to native soil conditions on site. The SSI will be completed in accordance to the implementation schedule, and the results will be submitted on a subsequent Form 27. Additionally, one soil boring will be advanced adjacent to the flowline change of direction and a sample will be collected at approximately 4-5 feet below ground surface (ft bgs) for analysis of the full Table 915-1 suite. The proposed soil boring location map was attached to ECMC Document Number 404328169, which is still in-process and pending approval at the time of this submittal.

Following site investigation activities, any additional investigative or remedial activities will be conducted and reported under the Timmerman 23-13 project (REM 30828).

REMEDIAL ACTION PLAN

Does this Supplemental Form 27A include changes to a previously approved Remedial Action Plan? No

SOURCE REMOVAL SUMMARY

Describe how source is to be removed.

No impacted material caused by oil and gas operations has been identified at this time.

REMEDICATION SUMMARY

Describe how remediation of existing impacts to soil and groundwater is to be accomplished (i.e. summarize remedial action plan). Provide a brief narrative description including: technical justification, schedule for implementation, estimated time to attain NFA status, plus plans and specifications for the selected remedial action technology.

Wellhead and flowline decommissioning analytical results indicated that organic compound concentrations were in compliance with ECMC regulatory standards in all soil sample locations. Background analytical results indicated that EC was in exceedance of ECMC regulatory standard and background concentrations at soil sample location FL01-04@4'.

Based on analytical results from flowline decommissioning activities, a supplemental site investigation (SSI) will be conducted to collect additional background samples to determine if the EC exceedance observed at FL01-04@4' is attributed to native soil conditions on site. The SSI will be completed in accordance to the implementation schedule, and the results will be submitted on a subsequent Form 27. Additionally, one soil boring will be advanced adjacent to the flowline change of direction and a sample will be collected at approximately 4-5 feet bgs for analysis of the full Table 915-1 suite. The proposed soil boring location map was attached to ECMC Document Number 404328169, which is in-process and pending approval at the time of this submittal.

Per ECMC directive, Noble is requesting to close this Remediation Number (REM #39833) and complete all future site investigative and remedial activities associated with the Platte Valley 13-24 under the Timmerman 23-13 project (REM #30828).

Soil Remediation Summary

In Situ

Ex Situ

_____ Bioremediation (or enhanced bioremediation)

_____ Excavate and offsite disposal

_____ Chemical oxidation

_____ If Yes: Estimated Volume (Cubic Yards) _____

_____ Air sparge / Soil vapor extraction

_____ Name of Licensed Disposal Facility or ECMC Facility ID # _____

_____ Natural Attenuation

_____ Excavate and onsite remediation

_____ Other _____

_____ Land Treatment

_____ Bioremediation (or enhanced bioremediation)

_____ Chemical oxidation

_____ Other _____

Groundwater Remediation Summary

_____ Bioremediation (or enhanced bioremediation)

_____ Chemical oxidation

_____ Air sparge / Soil vapor extraction

_____ Natural Attenuation

_____ Other _____

GROUNDWATER MONITORING

If groundwater has been impacted, describe proposed monitoring plan, including # of wells or sample points, monitoring schedule, analytical methods, points of compliance. Attach a groundwater monitoring location diagram.

Groundwater was not encountered during wellhead or flowline decommissioning activities.

Does Groundwater meet Table 915-1 standards? Yes

Is additional groundwater monitoring to be conducted? _____

Operator shall comply with the ECMC 1000-Series Reclamation Requirements for all impacted and disturbed areas.

RECLAMATION PLAN

RECLAMATION PLANNING

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing.

Reclamation will be in accordance with ECMC 1000 Series Rules.

Is the described reclamation complete? Yes

Does the reclamation described herein constitute interim or final reclamation of the Oil and Gas Location?

Interim Final

Did the Surface Owner provide the seed mix? _____

If YES, does the seed mix comply with local soil conservation district recommendations? _____

Did the local soil conservation district provide the seed mix? _____

SITE RECLAMATION DATES

Proposed date of commencement of Reclamation. 08/03/2025

Proposed date of completion of Reclamation. 11/20/2027

IMPLEMENTATION SCHEDULE

Per Rule 913.d.(2): Any change from the approved implementation schedule will be requested at least 14 days in advance, and the Operator may not make the change without the Director's approval.

PRIOR DATES

Date of Surface Owner notification/consultation, if required. 01/14/2025

Actual Spill or Release date, or date of discovery. _____

SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 06/30/2025

Proposed site investigation commencement. 03/20/2026

Proposed completion of site investigation. 03/20/2026

REMEDIAL ACTION DATES

Proposed start date of Remediation. 03/20/2026

Proposed date of completion of Remediation. 11/20/2026

Per Rule 913.d.(2): Any change from the approved implementation schedule will be requested at least 14 days in advance, and the Operator may not make the change without the Director's approval.

Change from approved implementation schedule per Rule 913.d.(2).

Basis for change in implementation schedule:

The implementation schedule has been changed due to the necessity for supplemental site investigation activities at the site. The proposed site investigation is tentatively scheduled to commence on March 20, 2026, and will be reported under the Timmerman 23-13 project (REM #30828).

OPERATOR COMMENT

This Supplemental Form 27 is being submitted to request administrative closure for the Platte Valley 13-24 wellhead project.

Based on analytical results from flowline decommissioning activities, a supplemental site investigation (SSI) will be conducted to collect additional background samples to determine if the EC exceedance observed at FL01-04@4' is attributed to native soil conditions on site. The SSI will be completed in accordance to the implementation schedule, and the results will be submitted on a subsequent Form 27. Additionally, one soil boring will be advanced adjacent to the flowline change of direction and a sample will be collected at approximately 4-5 feet bgs for analysis of the full Table 915-1 suite. The proposed soil boring location map was attached to ECMC Document Number 404328169, which is in-process and pending approval at the time of this submittal.

Per ECMC directive, Noble is requesting to close this Remediation Number (REM #39833) and complete all future site investigative and remedial activities associated with the Platte Valley 13-24 under the Timmerman 23-13 project (REM #30828). A site map is attached for reference.

The proposed site investigation is tentatively scheduled to commence on March 20, 2026, and will be reported under the Timmerman 23-13 project (REM #30828).

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

Signed: Jesse Marcus

Title: Environmental Consultant

Submit Date: _____

Email: Tas-Chevron-2@tasman-geo.com

Based on the information provided herein, this Application for Site Investigation and Remediation Workplan complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: _____

Date: _____

Remediation Project Number: 39833

COA Type

Description

0 COA	

ATTACHMENT LIST

Upon approval, the approved Form 27 and all listed attachments will be indexed to the Remediation Project file. Only the approved Form 27 will also be indexed to the related Facilities.

Att Doc Num

Name

404575633	SITE MAP
-----------	----------

Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)