

**State of Colorado**  
**Energy & Carbon Management Commission**

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404637195

Receive Date:  
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Report taken by:  
Abdul Elnajdi

**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>        | <b>Phone Numbers</b>         |
| Address: <u>1099 18TH STREET SUITE 1500</u>            |                                   | Phone: <u>(832) 943-0805</u> |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> |                                   | Mobile: <u>( )</u>           |
| Contact Person: <u>Paul Bireta</u>                     | Email: <u>BWGroup@chevron.com</u> |                              |

**PROJECT, PURPOSE & SITE INFORMATION**

**PROJECT INFORMATION**

Remediation Project #: 41185 Initial Form 27 Document #: 404209695

**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>SPILL OR RELEASE</u> | Facility ID: <u>490496</u>                                | API #: _____                  | County Name: <u>WELD</u>  |
| Facility Name: <u>Parcel T035-1</u>    | Latitude: <u>40.510789</u>                                | Longitude: <u>-104.565721</u> |   |
|  | ** correct Lat/Long if needed: Latitude: <u>40.510402</u> | Longitude: <u>-104.564880</u> |   |
| QtrQtr: <u>SESE</u>                    | Sec: <u>5</u>   | Twps: <u>6N</u>               | Range: <u>64W</u> Meridian: <u>6</u> Sensitive Area? <u>Yes</u> |

**SITE CONDITIONS**

General soil type - USCS Classifications SM Most Sensitive Adjacent Land Use agricultural, residential, livestock

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? Yes

**Other Potential Receptors within 1/4 mile**

These points are related to the specified Lat/Longs of this specific form and DO NOT reflect the distances from the unintentional release point.

Mule Deer Severe Winter Range High Priority Habitat located on the parcel  
Unidentified pond ~1062' NE, 619' NR,  
Residential Structures ~1071' NE  
Agricultural crop field ~135' SX, 530' NW, 515' NE  
Livestock corrals ~200' N  
Weld County Road 53 ~150' E

# SITE INVESTIGATION PLAN

## TYPE OF WASTE:

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> E&P Waste       | <input checked="" type="checkbox"/> Other E&P Waste  | <input type="checkbox"/> Non-E&P Waste |
| <input checked="" type="checkbox"/> Produced Water  | <input checked="" 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 checked="" 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                    |
|-----------|----------------|------------------|-----------------------------------|
| No        | SOILS          | 7.26 cubic yards | Laboratory Analysis; Excavation   |
| No        | VEGETATION     | Not applicable   | Visual/Olfactory; RAT Observation |

## INITIAL ACTION SUMMARY

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

On Sunday, April 6, 2025, at approximately 6 pm, Noble incurred a well control incident near Galeton in Weld County at the Bishop Well. Noble notified the Galeton Fire Department and immediately activated emergency response procedures, mobilized an extensive cross-functional team of subject matter experts, and worked closely with the Galeton community and Fire Department. The Bishop Well was secured on April 10, 2025. Unified Command (UC) stood up on April 7, 2025, to undertake initial actions and emergency response measures. On April 14, 2025, UC stood down and Noble's Incident Command (IC) took over, continuing emergency response measures in coordination with UC agencies.

This Form 27 addresses impacts within Parcel T035-1 with an approximate area of 0.66 acres, more specifically depicted on the Site Overview Map ("Incorporated Lands"). Separate Form 27s have been submitted to address abatement, investigation, and remediation activities associated with other land parcels potentially impacted by the Bishop Well incident.

## 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 ):

Soil sampling was completed consistent with the Environmental Sampling Analysis Plan (ESAP) v2.0 and Residential Soil Sampling Locations Plan (RSSLP) v1.3. 38 samples have been collected. Final validated laboratory data for comprehensive samples collected on 05/24/25 were previously submitted on a Form 27 Supplemental (Document #404294259). Applicable RSSLs were exceeded in 3 samples. Remedial excavation occurred on 12/08/25 to remove the soil at the RSSL exceedance locations. Confirmation samples collected on 12/08/25 are attached. Final validated laboratory data for silica gel treatment sample collected on 01/22/26 are attached. Of the 38 collected samples, 36 parent samples were analyzed and 2 were used for quality assurance activities. Reference attached validated data tables and closure report for comparison to applicable RSSLs and background concentrations.

### Proposed Groundwater Sampling

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

### 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 ):

# SITE INVESTIGATION REPORT

## SAMPLE SUMMARY

### Soil

Number of soil samples collected 38  
Number of soil samples exceeding 915-1 6  
Was the areal and vertical extent of soil contamination delineated? Yes  
Approximate areal extent (square feet) 300

### NA / ND

-- Highest concentration of TPH (mg/kg) 663  
-- Highest concentration of SAR 8.53  
BTEX > 915-1 No  
Vertical Extent > 915-1 (in feet) 1

### Groundwater

Number of groundwater samples collected 0  
Was extent of groundwater contaminated delineated? No  
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  
\_\_\_\_ 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?

The extent of potential impacts to adjacent properties are being individually assessed with separate Remediation Project Numbers according to their assigned parcel ID.

Were background samples collected as part of this site investigation?

Background samples have been collected. Background data were submitted in a Form 27 Supplemental (Document #404432981), approved by ECMC on 01/08/26.

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?

## REMEDIAL ACTION PLAN

Does this Supplemental Form 27A include changes to a previously approved Remedial Action Plan? Yes \_\_\_\_\_

### SOURCE REMOVAL SUMMARY

Describe how source is to be removed.

Site investigation activities identified three locations of impact from potential source material. Excavation activities were conducted on 12/08/25. Details were provided in a Form 27 Supplemental (Document #404476396).

### REMEDIATION 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.

Noble implemented a multi-phase approach to determine the extent of potential impacts to soil, surface water, and/or groundwater, which has been used to generate a fit-for-purpose remedial action plan. Both visual and olfactory observations and initial PID readings were relied upon to qualitatively screen for potential soil, surface water, and/or groundwater impacts. Samples were collected for laboratory analysis to determine whether any analyzed constituent exceeds an applicable threshold or limit. Remedial excavation occurred on 12/08/25. Please see attached Final Closure Request for sample results.

### Soil Remediation Summary

In Situ

Ex Situ

\_\_\_\_\_ Bioremediation ( or enhanced bioremediation )  
\_\_\_\_\_ Chemical oxidation  
\_\_\_\_\_ Air sparge / Soil vapor extraction  
\_\_\_\_\_ Natural Attenuation  
\_\_\_\_\_ Other \_\_\_\_\_

Yes \_\_\_\_\_ Excavate and offsite disposal  
If Yes: Estimated Volume (Cubic Yards) \_\_\_\_\_ 7  
Name of Licensed Disposal Facility or ECMC Facility ID # \_\_\_\_\_  
\_\_\_\_\_ Excavate and onsite remediation  
\_\_\_\_\_ 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.

# REMEDIATION PROGRESS UPDATE

## PERIODIC REPORTING

### Approved Reporting Schedule:

Quarterly    Semi-Annually    Annually    Other

### Request Alternative Reporting Schedule:

Semi-Annually    Annually    Other

Rule 913.e:

After initial approval of a Form 27, the Operator will provide quarterly update reports in a Supplemental Form 27 to document progress of site investigation and remediation, unless an alternative reporting schedule has been requested by the Operator and approved by the Director. The Director may request a more frequent reporting schedule based on site-specific conditions.

**Report Type:**    Groundwater Monitoring    Land Treatment Progress Report    O&M Report  
 Other \_\_\_\_\_

## Adequacy of Operator's General Liability Insurance and Financial Assurance

Describe the adequacy of the Operator's general liability insurance and Financial Assurance to fully address the anticipated costs of Remediation, including the estimated remaining cost for this project (below).  
If this information has been provided on a Form 27 within the last 12 months, provide the Document Number of that form.

Noble intends to directly address the costs of remediation at the locations as part of our asset retirement obligation process and operations. Noble has general liability insurance (policies MWZZ316714 and MWZX316724) and financial assurance in compliance with ECMC rules. Records are available on the ECMC's website. The cost for remediation is an estimate only, costs may change upwards or downward based on site-specific information. Noble makes no representation or guarantees as to the accuracy of the estimate.

Operator anticipates remaining costs for this project to be determined with the development of work plans necessary to meet ECMC regulations.

Operator anticipates the remaining cost for this project to be: \$ \_\_\_\_\_

## WASTE DISPOSAL INFORMATION

Was E&P waste generated as part of this remediation? Yes

Describe beneficial use, if any, of E&P Waste derived from this remediation project:

No beneficial use

Volume of E&P Waste (solid) in cubic yards \_\_\_\_\_ 7

E&P waste (solid) description Impacted soil

ECMC Disposal Facility ID #, if applicable: \_\_\_\_\_

Non-ECMC Disposal Facility: Waste Management - North Weld  
Landfill - 40000 CR 25 Ault, CO

Volume of E&P Waste (liquid) in barrels \_\_\_\_\_ 0

E&P waste (liquid) description \_\_\_\_\_

ECMC Disposal Facility ID #, if applicable: \_\_\_\_\_

Non-ECMC Disposal Facility: \_\_\_\_\_

# REMEDIATION COMPLETION REPORT

## REMEDIATION COMPLETION SUMMARY

Is this a Final Closure Request for this Remediation Project? Yes

If YES:

- Compliant with Rule 913.h.(1).
- Compliant with Rule 913.h.(2).
- Compliant with Rule 913.h.(3).

Do all soils meet Table 915-1 standards? No

Does the previous reply indicate consideration of background concentrations? \_\_\_\_\_

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.

Following excavation the area was backfilled with topsoil to match existing conditions.

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. 12/08/2025

Proposed date of completion of Reclamation. 12/08/2025

## 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. 04/06/2025

Actual Spill or Release date, or date of discovery. 04/06/2025

### SITE INVESTIGATION DATES

Date of Initial Actions described in Site Investigation Plan (start date). 04/25/2025

Proposed site investigation commencement. 04/25/2025

Proposed completion of site investigation. 09/25/2025

### REMEDIAL ACTION DATES

Proposed start date of Remediation. 12/08/2025

Proposed date of completion of Remediation. 12/08/2025

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:

Completion dates subject to change based upon data received as part of the site investigation and implementation of appropriate remedial activities.

**OPERATOR COMMENT**

Requesting closure of Remediation Project #41185. Please see attached for Final Closure Request Report (Attachment Document #404658614), confirmation sampling laboratory reports and level two data validation reports, lab report index table (Attachment Document #404657441), soil sampling map, and validated data tables.

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

Signed: Paul Bireta

Title: Project Manager

Submit Date: 05/19/2026

Email: pbireta@chevron.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: Abdul Elnajdi

Date: 05/19/2026

Remediation Project Number: 41185

**COA Type****Description**

|        |   |
|--------|---|
|        | Approval or closure of the Environmental Form (Form 27/NFA) applies only to environmental remediation requirements and does not constitute closure or approval of any associated Wildlife or Vegetation Forms. These forms shall be submitted and will be reviewed under separate cover.  |
|        | Based on the information presented, it appears that no further action is necessary at this time and the ECMC approves the closure request. However, if future conditions at the site indicate contaminant concentrations in soils exceeding ECMC standards or if groundwater is found to be impacted, then further investigation and/or remediation activities may be required. |
| 2 COAs |   |

**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**

|           |                                  |
|-----------|----------------------------------|
| 404637195 | FORM 27-SUPPLEMENTAL-SUBMITTED   |
| 404637242 | LABORATORY ANALYTICAL REPORT     |
| 404637247 | LABORATORY ANALYTICAL REPORT     |
| 404637250 | LABORATORY ANALYTICAL REPORT     |
| 404637252 | LABORATORY ANALYTICAL REPORT     |
| 404637253 | LABORATORY ANALYTICAL REPORT     |
| 404637255 | LABORATORY ANALYTICAL REPORT     |
| 404637257 | LABORATORY ANALYTICAL REPORT     |
| 404657438 | SOIL SAMPLE LOCATION MAP         |
| 404657441 | OTHER                            |
| 404657442 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657443 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657444 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657445 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657446 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657448 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657449 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657450 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657451 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657452 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657456 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657457 | ANALYTICAL DATA SUMMARY TABLE(S) |

|           |                                  |
|-----------|----------------------------------|
| 404657459 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657461 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657462 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404657464 | ANALYTICAL DATA SUMMARY TABLE(S) |
| 404658614 | SITE INVESTIGATION REPORT        |

Total Attach: 27 Files

**General Comments**

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

Total: 0 comment(s)