

State of Colorado
Energy & Carbon Management Commission

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Report taken by:
Isaac Thibedeau

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>(661) 437-8040</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>		Mobile: <u>()</u>
Contact Person: <u>Rachel Puechner</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
Yes	SOILS	Undetermined	Visual/olfactory; Laboratory Analysis
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, 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 4/10/2025. Unified Command (UC) stood up on 4/7/2025 to undertake initial actions and emergency response measures. On 4/14/2025, UC stood down and Noble's Incident Command (IC) took over, continuing emergency response measures in coordination with UC agencies. The investigation into the incident is ongoing and response activities continue to abate and remediate impacts associated with E&P waste.

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 will be submitted to address abatement, investigation, and remediation activities associated with other land parcels potentially impacted by the Bishop Well incident.

This form should be routed to Chris Binschus.

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 is underway consistent with the Environmental Sampling Analysis Plan (ESAP) v2.0 and Residential Soil Sampling Locations Plan (RSSLP) v1.3. To date, 36 soil samples have been collected. Final validated laboratory data for the comprehensive samples collected on 05/24/25 were previously submitted on a Form 27 Supplemental (Document #404294259). Confirmation soil samples were collected on 12/08/25 but laboratory analytical results are pending. Of the 36 collected samples, 33 parent samples were analyzed, and 3 were used for quality assurance activities. ESAP analyte exceedances have been reported for 15 samples.

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):

In the Form 27 Initial (Document #404209695) submitted on 06/25/25, wipe sampling was proposed. Upon further evaluation, wipe sampling is not applicable to this parcel and will not be conducted.

SITE INVESTIGATION REPORT

SAMPLE SUMMARY

Soil

Number of soil samples collected 36

Number of soil samples exceeding 915-1 15

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) 663

-- Highest concentration of SAR 1.17

BTEX > 915-1 No

Vertical Extent > 915-1 (in feet) 0

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 will be 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?

Noble is conducting an initial site investigation to identify additional potential remedial activities. Should final analytical data indicate the agreed upon list of constituents sampled for analyses exceed applicable limits, a proposed remedial action plan will be developed and submitted for approval.

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.

E&P waste(s) are being collected, removed, and disposed within the limits of the Incorporated Lands in accordance with applicable requirements.

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 is implementing a multi-phase approach to determine the extent of potential impacts to soil, surface water, and/or groundwater, which will be used to generate a fit-for-purpose remedial action plan. Both visual and olfactory observations and initial PID readings are being relied upon to qualitatively screen for potential soil, surface water, and/or groundwater impacts. Samples are being collected for laboratory analysis to determine whether any analyzed constituent exceeds an applicable threshold or limit. Such identified exceedances will be incorporated into the evaluation of proposed remediation approaches (e.g., in situ, ex situ, monitoring), which will be submitted for review and approval.

Remedial excavation activities occurred on 12/08/25 as described in the Form 27 Supplemental (Document #404476396).

Soil Remediation Summary

In Situ

Ex Situ

_____ Bioremediation (or enhanced bioremediation)

Yes _____ Excavate and offsite disposal

_____ Chemical oxidation

_____ If Yes: Estimated Volume (Cubic Yards) _____ 7

_____ 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.

Does the previous reply indicate consideration of background concentrations? _____

Does Groundwater meet Table 915-1 standards? _____

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.

The Incorporated Lands are not associated with Oil & Gas Operations. Nonetheless, reclamation activities will be completed once a remedial no further action approval is obtained in accordance with 1000 Series Rules.

Is the described reclamation complete? _____

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. _____

Proposed date of completion of Reclamation. _____

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. 07/25/2025

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. Initiation of the site investigation and interim remediation activities as part of response activities commenced on 4/25/2025. Remedial actions will be initiated consistent with ECMC approval of Form 27.

OPERATOR COMMENT

Operator is providing the Post-Cleaning Vegetation Assessment and Summary.

As noted above, this Form 27 is limited to the site investigation and associated remediation activities within Incorporated Lands.

Separate Form 27s will be submitted to address other parcels with potential impacts from the Bishop Well incident.

To support remedial activities, Operator is submitting separate Form 27s to address potential impacts associated with agricultural and residential lands and parcels have been subdivided to represent agricultural or residential lands. As such, the previous lat/long coordinates provided were the center of the parcel as defined by the county property boundaries but may not represent the center of the subdivided agricultural and residential lands.

Estimated volumes, dates, and investigation/remediation approaches are subject to revision based on the receipt of additional data being generated as part of ongoing response efforts, including site investigation tasks.

Samples collected to date with validated analytical results were previously submitted on a Form 27 Supplemental (Document #404294259). Analytical data and summary tables not contained in this Form 27 are pending data validation and will be provided to ECMC within a Form 27 Supplemental. Of the 36 collected samples, 33 parent samples were analyzed, and 3 were used for quality assurance activities. ESAP analyte exceedances have been reported for 15 samples.

The waste volumes provided in the Soil Remediation Summary and Waste Disposal sections of this F27 have been automatically rounded to whole numbers. Total E&P waste is comprised of approximately 7.26 cubic yards of impacted soil.

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

Signed: Rachel Puechner

Title: Decommissioning Engineer

Submit Date: 02/18/2026

Email: rpuechner@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: Isaac Thibedeau

Date: 03/04/2026

Remediation Project Number: 41185

COA Type

Description

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
404545158	INVESTIGATION/REMEDATION WORKPLAN (SUPPLEMENTAL)
404545164	OTHER
404566772	FORM 27-SUPPLEMENTAL-SUBMITTED

Total Attach: 3 Files

General Comments

User Group	Comment	Comment Date
Reclamation Specialist	Approval of this Vegetation Assessment applies only to Reclamation requirements and does not constitute closure or approval of any Environmental Form 27/NFA. However, should future conditions at the site indicate poor growth that is not reflective of reference vegetation, then further investigation and reclamation activities may be required.	03/04/2026

Total: 1 comment(s)