

FORM  
2A

Rev  
05/22

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:

403377983

(SUBMITTED)

Date Received:

05/24/2023

Oil and Gas Location Assessment

This Oil and Gas Location Assessment is to be submitted to the COGCC for approval prior to any ground disturbance activity associated with oil and gas operations. Approval of this Oil and Gas Location Assessment will allow for the construction of the below specified Location; however, it does not supersede any land use rules applied by the local land use authority. Please see the COGCC website at <https://cogcc.state.co.us/> for all accompanying information pertinent this Oil and Gas Location Assessment.

Location ID:

OGDP ID:

Expiration Date:

☒ New Location ☐ Refile ☐ Amend Existing Location # \_\_\_\_\_

If this Location assessment is a component of an Oil and Gas Development Plan (OGDP) application, enter the OGDP docket number(s).

Docket Number	OGDP ID	OGDP Name
230500187		

If this Location assessment is part of an approved Oil and Gas Development Plan, enter the OGDP ID number(s).

<No existing OGDP number provided>

CONSULTATION

- ☐ This location is included in a Comprehensive Area Plan (CAP). CAP ID # \_\_\_\_\_
- ☐ This Location or its associated new access road, utility, or Pipeline corridor meets Rule 309.e.(2).A, B, or C.
- ☐ This Location is within 2,640 feet of a GUDI or Type III Well per Rule 411.b.(4).
- ☐ This Location includes a Rule 309.e.(2).E variance request.
- ☐ This location includes a Rule 309.f.(1).A.ii. variance request.

Operator

Operator Number: 100322

Name: NOBLE ENERGY INC

Address: 2001 16TH STREET SUITE 900

City: DENVER State: CO Zip: 80202

Contact Information

Name: Doug Dennison

Phone: (970) 304 5057

Fax: ( )

email: DougDennison@Chevron.com

FINANCIAL ASSURANCE FOR THIS LOCATION (check all that apply)

- ☒ Plugging, Abandonment, and Reclamation 20030009
- ☐ Centralized E&P Waste Management Facility \_\_\_\_\_
- ☐ Gas Gathering, Gas Processing, and Underground Gas Storage Facilities \_\_\_\_\_
- ☐ Surface Owner Protection Bond. \_\_\_\_\_

Federal Financial Assurance

- ☐ In checking this box, the Operator certifies that it has provided or will provide at least this amount of Financial Assurance to the federal government for one or more Wells on this Location.

Amount of Federal Financial Assurance \$ \_\_\_\_\_

LOCATION IDENTIFICATION

Name: YY18-07

Number: Pad

Provide the location description and the latitude and longitude of a single point near the center of the Working Pad Surface as a reference for this Location.

Quarter: SWNE Section: 18 Township: 2N Range: 63W Meridian: 6 Ground Elevation: 4897  
Latitude: 40.141256 Longitude: -104.480165  
GPS Quality Value: 1.0 Type of GPS Quality Value: PDOP Date of Measurement: 04/18/2023

## RELATED REMOTE LOCATIONS

(Enter as many Related Locations as necessary. Enter the Form 2A document # only if there is no established COGCC Location ID#)

This proposed Oil and Gas Location is: LOCATION ID # FORM 2A DOC #

Well Site is served by Production Facilities 450627

## RELEVANT LOCAL GOVERNMENT SITING INFORMATION

County: WELD Municipality: N/A

Per § 34-60-106 (1)(f)(I)(A), the following questions pertain to the "Relevant Local Government approval of the siting of the proposed oil and gas location."

This proposed Oil and Gas Location is in an area designated as one of State interest and subject to the requirements of § 24-65.1-108, C.R.S. Yes

Does the Relevant Local Government regulate the siting of Oil and Gas Locations, with respect to this location? Yes

A siting permit application has been submitted to the Relevant Local Government for this proposed Oil and Gas Location: Yes

Date Relevant Local Government permit application submitted: 12/08/2022

Current status or disposition of the Relevant Local Government permit application for this proposed Oil and Gas Location: In Process

Status/disposition date: 12/21/2022

If Relevant Local Government permit has been approved or denied, attach final decision document(s).

Provide the contact information for the Relevant Local Government point of contact for the local permit associated with this proposed Oil and Gas Location:

Contact Name: Jason Maxey

Contact Phone: 970 400 3580

Contact Email: OGED@WeldGov.com

## PROXIMATE LOCAL GOVERNMENT INFORMATION

For every Proximate Local Government (PLG) associated with this proposed Oil and Gas Location, provide the PLG's point of contact and their contact information.

Type of Proximate Govt	County	Municipality	Contact Name	Contact Phone	Contact Email
Municipality		Keenesburg	Roger Tinklenberg	303 732 4281	townofkeene@keenesburg.org

## FEDERAL PERMIT INFORMATION

A Federal drilling permit (or related siting application) has been submitted for this proposed Oil and Gas Location: No

Date submitted: \_\_\_\_\_

Current status or disposition of the Federal drilling permit (or related siting application) for this proposed Oil and Gas Location: \_\_\_\_\_

Status/disposition Date: \_\_\_\_\_

If Federal agency permit has been approved or denied, attach the final decision document(s).

Provide the contact information of the Federal point of contact for the Federal permit associated with this proposed Oil and Gas Location.

Contact Name: \_\_\_\_\_

Contact Phone: \_\_\_\_\_

Contact Email: \_\_\_\_\_

Field Office: \_\_\_\_\_

Additional explanation of local and/or federal process:

Noble has completed the Pre-Application process with Weld County under application 1041WOGLA 23-0018 and submitted a COGCC Rule 302.e. Notice to Proximate Local Government with the Town of Keenesburg. The Town of Keenesburg has no objections to the location of the proposed Pad. Additional details are available within the Consultation Summary attachments.

## RELEVANT LOCAL GOVERNMENT OR FEDERAL PRE-APPLICATION CONSULTATION

Complete this section for any pre-application consultation related to this proposed Oil and Gas Location that occurred prior to the submission of this Form 2A. If a pre-application Formal Consultation Process occurred, attach a Consultation Summary.

Did a pre-application Formal Consultation Process occur with the Relevant Local Government per Rule 301.f.(3)? Yes

Date of local government consultation: 12/21/2022

Did a pre-application Formal Consultation Process occur with the Federal land manager per Rule 301.f.(3)? No

Date of federal consultation: \_\_\_\_\_

Was an ALA that satisfies Rule 304.b.(2).C (or substantially equivalent information per Rule 304.e) developed during a federal or local government permit application process? If yes, attach the ALA to the Form 2A. No

## ALA APPLICABILITY AND CRITERIA

Complete this section for any pre-application consultation related to this proposed Oil and Gas Location that occurred prior to the submission of this Form 2A. If a pre-application Formal Consultation Process occurred, attach a Consultation Summary.

Does the proposed Oil and Gas Location meet any of the criteria listed in Rule 304.b.(2)B? No

If YES, indicate by checking the box for every Rule 304.b.(2).B criterion met by this proposed Location, and attach an ALA. See Rule 304.b.(2).B.i-x for full text of criteria.

- |   |  |
|---|--|
| <input type="checkbox"/> i. WPS < 2,000 feet from RBU/HOBU  | <input type="checkbox"/> vi.aa. WPS within a surface water supply area                       |
| <input type="checkbox"/> ii. WPS < 2,000 feet from School/Child Care Center                             | <input type="checkbox"/> vi.bb. WPS < 2,640 feet from Type III or GUDI well                  |
| <input type="checkbox"/> iii. WPS < 1,500 feet from DOAA  | <input type="checkbox"/> vii. WPS within/immediately upgradient of wetland/riparian corridor |
| <input type="checkbox"/> iv. WPS < 2,000 feet from jurisdictional boundary and PLG objects/requests ALA | <input type="checkbox"/> viii. WPS within HPH and CPW did not waive                          |
| <input type="checkbox"/> v. WPS within a Floodplain   | <input type="checkbox"/> ix. Operator using Surface bond                                     |
|   | <input type="checkbox"/> x. WPS < 2,000 feet from RBU/HOBU/School within a DIC               |

Is the proposed Oil and Gas Location within the exterior boundaries of the Southern Ute Indian Reservation, and the Tribe objects to the Location or requests an ALA? If YES, attach an ALA to the Form 2A. No

Operator requests the Director waive the ALA requirement per Rule 304.b.(2).A.i: ☐

Provide an explanation for the waiver request, and attach supporting information (if necessary).

## ALTERNATIVE LOCATIONS DASHBOARD

List every alternative location reviewed and included in the ALA. Provide a latitude and longitude for the approximate center of the alternative location, all Rule 304.b.(2).B Criteria met, if a variance would be required to permit the location, and a brief comment on the key points of the alternative location.

304.b.(2).B.i-x Criteria Met:

< No row provided >

## SURFACE & MINERAL OWNERSHIP

### Surface Owner Info:

Name: Guttersen Ranches LLC Phone: \_\_\_\_\_  
Address: PO BOX 337090 Fax: \_\_\_\_\_  
Address: \_\_\_\_\_ Email: Ryan.Antonio@Chevron.com  
City: Greeley State: CO Zip: 80633

Surface Owner at this Oil and Gas Location: ☒ Fee ☐ State ☐ Federal ☐ Indian

Check only one: ☐ The Operator/Applicant is the surface owner.  
☒ The Operator has a signed Surface Use Agreement for this Location – attach SUA.  
☐ All operations on this Oil & Gas Location will develop the minerals beneath the Location, and the surface owner owns the minerals beneath this Location and is committed to an oil and gas lease – attach lease map or provide lease description.  
☐ All operations on this Oil & Gas Location will develop the minerals beneath the Location, and the Operator intends to use a surface bond per Rule 703 to secure access to this Location – attach lease map or provide lease description.

Surface Owner protection Financial Assurance type: N/A Surety ID Number: \_\_\_\_\_

Mineral Owner beneath this Oil and Gas Location: ☒ Fee ☐ State ☐ Federal ☐ Indian

Minerals beneath this Oil and Gas Location will be developed from or produced to this Oil and Gas Location: Yes

Lease description if necessary: \_\_\_\_\_

## SITE EQUIPMENT LIST

Indicate the number and type of major equipment components planned for use on this Oil and Gas Location:

Wells	<u>8</u>	Oil Tanks	<u>0</u>	Condensate Tanks	<u>0</u>	Water Tanks	<u>0</u>	Buried Produced Water Vaults	<u>0</u>
Drilling Pits	<u>0</u>	Production Pits	<u>0</u>	Special Purpose Pits	<u>0</u>	Multi-Well Pits	<u>0</u>	Modular Large Volume Tank	<u>1</u>
Pump Jacks	<u>8</u>	Separators	<u>0</u>	Injection Pumps	<u>0</u>	Heater-Treaters	<u>0</u>	Gas Compressors	<u>0</u>
Gas or Diesel Motors	<u>0</u>	Electric Motors	<u>0</u>	Electric Generators	<u>0</u>	Fuel Tanks	<u>0</u>	LACT Unit	<u>0</u>
Dehydrator Units	<u>0</u>	Vapor Recovery Unit	<u>0</u>	VOC Combustor	<u>0</u>	Flare	<u>0</u>	Enclosed Combustion Devices	<u>0</u>
Meter/Sales Building	<u>2</u>	Pigging Station	<u>0</u>	Vapor Recovery Towers	<u>0</u>				

## OTHER PERMANENT EQUIPMENT

Permanent Equipment Type	Number
Chemical Injection Skids	<u>3</u>
Communication Tower	<u>1</u>
Solar Skids	<u>5</u>
Manifolds	<u>2</u>
Multi-Phase Flowmeters	<u>8</u>
Heat Trace Equipment (Op. Comments)	<u>1</u>

## OTHER TEMPORARY EQUIPMENT

< No Row Provided >



## GAS GATHERING COMMITMENT

Operator commits to connecting to a gathering system by the Commencement of Production Operations? Yes

If the answer is NO, a Gas Capture Plan consistent with the requirements of Rule 903.e MUST be attached on the Plans tab.

## FLOWLINE DESCRIPTION

Per Rule 304.b.(6), provide a description of all onsite and off-location oil, gas, and/or water flowlines.

Eight (8): 2"-12" Steel or Composite Three-Phase Flowlines  
Ten (10): 2"-6" Steel or Composite Gas Lift Lines  
Three (3): 3"-8" Temporary Fresh Water Poly Lines

## CULTURAL DISTANCE AND DIRECTION

Provide the distance and direction to the nearest cultural feature as measured from the edge of the Working Pad Surface.

	Distance		Direction	Rule 604.b Conditions Satisfied (check all that apply):				
				604.b. (1)	604.b. (2)	604.b. (3)	Details of Condition(s)	604.b. (4)
Building:	2855	Feet	S					
Residential Building Unit (RBU):	5280	Feet	SW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
High Occupancy Building Unit(HOBU)	5280	Feet	SW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Designated Outside Activity Area:	5280	Feet	SW					
Public Road:	257	Feet	SE					
Above Ground Utility:	1321	Feet	N					
Railroad:	4506	Feet	SE					
Property Line:	179	Feet	SE					
School Facility:	5280	Feet	SW					
Child Care Center:	5280	Feet	SW					
Disproportionately Impacted (DI) Community:	0	Feet	N					
RBU, HOBU, or School Facility within a DI Community.	5280	Feet	W	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

## RULE 604.a.(2). EXCEPTION LOCATION REQUEST

☐ Operator requests an Exception Location Request from Rule 604.a.(2) [well is less than 150 feet from a property line]. Exception Location Request Letter and Waiver signed by offset Surface Owner(s) must be attached.

## CULTURAL FEATURE INFORMATION REQUIRED BY RULE 304.b.(3).B.

Provide the number of each Cultural feature identified within the following distances, as measured from the Working Pad Surface:

	0-500 feet	501-1,000 feet	1,001-2,000 feet
Building Units	<u>0</u>	<u>0</u>	<u>0</u>
Residential Building Units	<u>0</u>	<u>0</u>	<u>0</u>
High Occupancy Building Units	<u>0</u>	<u>0</u>	<u>0</u>
School Properties	<u>0</u>	<u>0</u>	<u>0</u>
School Facilities	<u>0</u>	<u>0</u>	<u>0</u>
Designated Outside Activity Areas	<u>0</u>	<u>0</u>	<u>0</u>

## CONSTRUCTION

Size of disturbed area during construction in acres: 9.60

Size of location after interim reclamation in acres: 2.30

Estimated post-construction ground elevation: 4895

## DRILLING PROGRAM

Will a closed-loop drilling system be used? Yes

Is H2S gas reasonably expected to be encountered during drilling operations at concentrations greater than or equal to 100 ppm? No If YES, attach H2S Drilling Operations Plan.

Will salt sections be encountered during drilling: No

Will salt based (>15,000 ppm Cl) drilling fluids be used? No

Will oil based drilling fluids be used? Yes

## DRILLING WASTE MANAGEMENT PROGRAM

Drilling Fluids Disposal: OFFSITE Drilling Fluids Disposal Method: Commercial Disposal

Cutting Disposal: OFFSITE Cuttings Disposal Method: Commercial Disposal

Other Disposal Description:

Beneficial reuse or land application plan submitted? No

Reuse Facility ID: \_\_\_\_\_ or Document Number: \_\_\_\_\_

Centralized E&P Waste Management Facility ID, if applicable: \_\_\_\_\_

The subreport 'Land Use/Soil' could not be found at the specified location W:\Inetrib\Net\Reports\Form2A\02A\_Land Use/Soil-

## GROUNDWATER AND WATER WELL INFORMATION

Provide the distance and direction, as measured from the Working Pad Surface, to the nearest:

water well: 857 Feet S

Spring or Seep: 5280 Feet S

Estimated depth to shallowest groundwater that can be encountered at this Oil and Gas Location: 363 Feet

Basis for estimated depth to and description of shallowest groundwater occurrence:

Depth to groundwater taken from water well permit #55594.

## SURFACE WATER AND WETLANDS

Provide the distance and direction to the nearest downgradient surface Waters of the State, as defined 2281 Feet NW

in the 100-Series Rules, measured from the Working Pad Surface:

If less than 2,640 feet, is the Waters of the State identified above within 15 stream miles upstream of a Public Water System intake? No

Provide the distance and direction to the nearest downgradient wetland, measured from the Working

Pad Surface: 2281 Feet NW

Provide a description of the nearest downgradient surface Waters of the State:

Nearest surface water is a seasonally flooded emergent persistent palustrine wetland to the northwest of location. The seasonally flooded intermittent riverine wetland located 464' NW and associated intermittent stream located 474' NW of the location were determined to be upland features during field hydrology surveys. (See Wildlife Management Plan)

If the proposed Oil and Gas Location is within a Rule 411.a Surface Water Supply Area buffer zone, select the buffer zone type: \_\_\_\_\_

Public Water System Administrator - Contact Name \_\_\_\_\_ Email \_\_\_\_\_

If the proposed Oil and Gas Location is within a Rule 411.b GUDI/Type III buffer zone, select the buffer zone type: \_\_\_\_\_

Public Water System Administrator - Contact Name \_\_\_\_\_ Email \_\_\_\_\_

Is a U.S. Army Corps of Engineers Section 404 permit required for the proposed Oil and Gas Location, access road, or associated pipeline corridor? No

If a U.S. Army Corps of Engineers Section 404 permit is required, provide the permit status, and permit number if available:

Is the Location within a Floodplain? No Floodplain Data Sources Reviewed (check all that apply):

☒ Federal (FEMA) ☐ State ☐ County ☐ Local

☐ Other

Does this proposed Oil and Gas Location lie within a Sensitive Area for water resources, as defined in the 100-Series Rules? No

The subreport 'Wildlife\_BMP' could not be found at the specified location W:\Inetpub\Net\Reports\Form2A\02A\_WildlifeBMP-

## AIR QUALITY MONITORING PROGRAM

Will the Operator install and administer an air quality monitoring program at this Location? Yes

### Operator Proposed BMPs

No BMP

The subreport 'Plan' could not be found at the specified location W:\Inetpub\Net\Reports\Form2A\02A\_Plan-11.rdlc. Please  
The subreport 'VarianceException' could not be found at the specified location W:\Inetpub\Net\Reports

## OPERATOR COMMENTS AND SUBMITTAL

Comments

A variance application was filed under Docket# 230500187 on 8/9/2023 as part of the OGD Application for this OGD, and the variance application addresses the requirements of Rule 502.c.

The SUA Noble has executed with the surface owner authorizes Noble to receive this notification on behalf of the surface owner and Noble will ensure that the surface owner promptly receive notice of the Recommendation.

Noble Energy is committed to connecting to a gathering system by the Commencement of Production Operations.

Noble conducted a WOGA Pre-Application meeting with Weld County on 12/21/22. CPW staff attended the meeting and appreciated that the proposed locations are sited outside of any mapped HPH.

Noble will perform a quantitative vegetation assessment of the reference area during the summer of 2023 and will provide the results of that assessment and updated reference area photos when it has been completed.

The Heat Trace equipment that will be utilized to prevent freezing within the extended flowlines will utilize either a propane tank with a small catalytic burner or an electric transformer powered by utility connections.

Pad Soil types: 45 – Olney loamy sand, 3 to 5 percent slopes

Access Soil types: 35 – Loup-Boel loamy sands, 0 to 3 percent slopes; 45 – Olney loamy sand, 3 to 5 percent slopes; 49 – Osgood sand, 0 to 3 percent slopes; 70 – Valent sand, 3 to 9 percent slopes

Flowline Corridor Soil types: Loup-Boel loamy sands, 0 to 3 percent slopes; 45 – Olney loamy sand, 3 to 5 percent slopes; 49 – Osgood sand, 0 to 3 percent slopes; 70 – Valent sand, 3 to 9 percent slopes

The following 304.c Plans are Not required for this submittal:

- Emergency Spill Response Program; Not near Type III or GUDI well.
- Odor Plan; No RBUs within 2,000' of location
- Flood Shut-In Plan; Not in floodplain
- Hydrogen Sulfide Drilling Plan; No H<sub>2</sub>S in area
- Gas Capture Plan; Noble is committed to a gathering system connection
- Community Outreach Plan; No DIC within 2,000'
- Geologic Hazard Plan: Collapsible and expansive soils as mapped do not constitute a geologic hazard, therefore, no plan is required

A 502.a variance request summarizing the topsoil agreement with the landowner for this location is attached.

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

Signed: \_\_\_\_\_ Date: 05/24/2023 Email: DougDennison@Chevron.com

Print Name: Doug Dennison Title: Lead Reg. Specialist

Based on the information provided herein, this Oil and Gas Location Assessment complies with COGCC Rules, applicable orders, and SB 19-181 and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

### **Conditions Of Approval**

**All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.**

#### **COA Type**

#### **Description**

0 COA



## Best Management Practices

<u>No</u>	<u>BMP/COA Type</u>	<u>Description</u>
1	Construction	<p>Pursuant to the COGCC Policy on the Use of Modular Large Volume Tanks (MLVT), Noble will provide certification to the COGCC that the installation and operations of MLVTs will comply with the Design Criteria, Site Preparation &amp; Installation, and MLVT Operations and Contingency Planning outlined in the Policy. The MLVT design package, contractor installation records, records of inspections and associated action items and records of any repairs will be maintained and be available upon request. Daily visual inspections will be conducted per the Policy. Noble's contingency/emergency response plan has been developed and is available upon request.</p> <p>One (1) 153' diameter, 40,000 bbl MLVT will be on location during the duration of completions activities. Noble Energy will use the following vendor for the MLVT installation and rental: Select Energy Services 2419 6th Ave. Greeley, CO 80631 970-373-7585</p>

Total: 1 comment(s)

### Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403406752	OIL AND GAS LOCATION GIS GDB
403406755	ACCESS ROAD MAP
403406760	DIRECTIONAL WELL PLAT
403406762	GEOLOGIC HAZARD MAP
403406763	HYDROLOGY MAP
403406765	LAYOUT DRAWING
403406766	LESSER IMPACT AREA EXEMPTION REQUEST
403406768	LOCATION DRAWING
403406769	LOCATION PICTURES
403406776	NRCS MAP UNIT DESC
403406781	PRELIMINARY PROCESS FLOW DIAGRAMS
403406787	REFERENCE AREA MAP
403406791	REFERENCE AREA PICTURES
403406795	RELATED LOCATION AND FLOWLINE MAP
403406797	WILDLIFE HABITAT DRAWING
403406799	CONSULTATION SUMMARY
403406802	CONSULTATION SUMMARY
403412647	SURFACE AGRMT/SURETY
403412649	VARIANCE REQUEST
403520525	CULTURAL FEATURES MAP

Total Attach: 20 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
OGLA	Returned to DRAFT for operator to make updates regarding the location now being in a DI Community.	08/31/2023

Total: 1 comment(s)

## **Public Comments**

No public comments were received on this application during the comment period.

