FORM 4
Rev 03/22

State of Colorado
Oil and Gas Conservation Commission

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SUNDRY NOTICE

This form is required for reports, updates, and requests as specified in the COGCC rules. It is also used to request changes to some aspects of approved permits for Wells and Oil and Gas Locations.

OGCC Operator Number: 100322
Name of Operator: NOBLE ENERGY INC
Address: 2001 16TH STREET SUITE 900
City: DENVER State: CO Zip: 80202

Contact Name: Mosiah Montoya
Phone: (303) 228-4200
Fax: ( )
Email: denverregulatory@chevron.onmicrosoft.com

FORM 4 SUBMITTED FOR:

Facility Type: LOCATION
API Number : 05- 123 - 00 ID Number: 451500
Name: Y16-27 Number: Pad
Location QtrQtr: NENE Section: 16 Township: 2N Range: 64W Meridian: 6
County: WELD Field Name: WATTENBERG

Oil & Gas Location(s) and Oil & Gas Development Plan (OGDP) Information

Location(s)

Location ID	Location Name and Number
451500	Y16-27 Pad

OGDP(s)

No OGDP

WELL LOCATION CHANGE OR AS-BUILT GPS REPORT

☐ Change of Location for Well * ☐ As-Built GPS Location Report ☐ As-Built GPS Location Report with Survey

* Well Location Change requires a new Plat.

SURFACE LOCATION GPS DATA Data must be provided for Change of Surface Location and As Built Reports.

Latitude Longitude

GPS Quality Value: Type of GPS Quality Value: Measurement Date:

Well Ground Elevation: feet (Required for change of Surface Location.)

WELL LOCATION CHANGE

Well plan is: (Vertical, Directional, Horizontal)

		FNL/FSL		FEL/FWL	
Change of **Surface** Footage **From**:		445	FNL	1005	FEL
Change of **Surface** Footage **To**:					

Current **Surface** Location **From**	QtrQtr	NENE	Sec	16	Twp	2N	Range	64W	Meridian 6
New **Surface** Location **To**	QtrQtr		Sec		Twp		Range		Meridian

Change of **Top of Productive Zone** Footage **From**:

Change of **Top of Productive Zone** Footage **To**: **

Current **Top of Productive Zone** Location Sec Twp Range

New **Top of Productive Zone** Location Sec Twp Range

Change of **Base of Productive Zone** Footage **From**:

Change of **Base of Productive Zone** Footage **To**: **

Current **Base of Productive Zone** Location Sec Twp Range

New **Base of Productive Zone** Location Sec Twp Range

Change of **Bottomhole** Footage **From**:

Change of **Bottomhole** Footage **To**: **

Current **Bottomhole** Location Sec Twp Range

New **Bottomhole** Location Sec Twp Range

** attach deviated drilling plan

SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: _____ Feet

Building Unit: _____ Feet

Public Road: _____ Feet

Above Ground Utility: _____ Feet

Railroad: _____ Feet

Property Line: _____ Feet

INSTRUCTIONS:
- Specify all distances per Rule 308.b.(1).
- Enter 5280 for distance greater than 1 mile.
- Building - nearest building of any type. If nearest Building is a Building Unit, enter same distance for both.
- Building Unit – as defined in 100 Series Rules.

SUBSURFACE MINERAL SETBACKS

Required for change of Top and/or Base of Productive Zone. Enter 5280 for distance greater than 1 mile.

Is this Well within a unit? _____

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: _____ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well within the same unit permitted or completed in the same formation: _____ Feet

If NO:

Enter the minimum distance from the Completed Zone of this Well to the Lease Line of the described lease: _____ Feet

Enter the minimum distance from the Completed Zone of this Well to the Completed Zone of an offset Well producing from the same lease and permitted or completed in the same formation: _____ Feet

Exception Location

☐ If this Well requires the approval of a Rule 401.c Exception Location, enter the Rule or spacing order number and attach the Exception Location Request and Waivers. _____

LOCATION CHANGE COMMENTS

OTHER

☐ **RULE 502 VARIANCE**

Order Number: _____

Description: _____

☐ **REMOVE FROM SURFACE BOND** **Signed surface use agreement is a required attachment**

☐ **CHANGE NAME OR NUMBER OF WELL, FACILITY, OIL & GAS LOCATION, OR OGDP**

From: Name Y16-27 Number PAD Effective Date: _____

To: Name _____ Number _____

☐ **ABANDON PERMIT: Permit can only be abandoned if the permitted operation has NOT been conducted. Field inspection will be conducted to verify site status.**

☐ WELL:Abandon Application for Permit-to-Drill (Form2) – Well API Number _____ has not been drilled.

☐ PIT: Abandon Earthen Pit Permit (Form 15) – COGCC Pit Facility ID Number _____ has not been constructed (Permitted and constructed pit requires closure per Rule 911)

☐ CENTRALIZED E&P WASTE MANAGEMENT FACILITY: Abandon Centralized E&P Waste Management Facility Permit (Form 28) – Facility ID Number _____ has not been constructed (Constructed facility requires closure per Rule 907)

OIL & GAS LOCATION ID Number: _____

☐ Abandon Oil & Gas Location Assessment (Form 2A) – Location has not been constructed and site will not be used in the future.

☐ Keep Oil & Gas Location Assessment (Form 2A) active until expiration date. This site will be used in the future.

Surface disturbance from Oil and Gas Operations must be reclaimed per Rule 1003 and Rule 1004.

☐ **REQUEST FOR WELL RECORDS CONFIDENTIALITY (Rule 206.c.(1))**

☐ **DIGITAL WELL LOG UPLOAD**

☐ **DOCUMENTS SUBMITTED** Purpose of Submission: _____

☐ **COMPLIANCE with CONDITION OF APPROVAL (COA) on** Form NO: _____ Document Number: _____

RECLAMATION

INTERIM RECLAMATION

☐ Interim Reclamation will commence approximately _____

Per Rule 1003.e.(3) operator shall submit Sundry Notice reporting interim reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Interim reclamation complete, site ready for inspection.
Per Rule 1003.e(3) describe interim reclamation procedure in Comments below or provide as an attachment and attach required location photographs.

Field inspection will be conducted to document Rule 1003.e. compliance

FINAL RECLAMATION

☐ Final Reclamation will commence approximately _____

Per Rule 1004.c.(4) operator shall submit Sundry Notice reporting final reclamation is complete and site is ready for inspection when vegetation reaches 80% coverage.

☐ Final reclamation complete, site ready for inspection. Per Rule 1004.c(4) describe final reclamation procedure in Comments below or provide as an attachment.

Field inspection will be conducted to document Rule 1004.c. compliance

Comments:

ENGINEERING AND ENVIRONMENTAL WORK

☐ REPORT OF TEMPORARY ABANDONMENT

Describe the method used to ensure that the Well is closed to the atmosphere and the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(1).

☐ REQUEST FOR TEMPORARY ABANDONMENT EXCEEDING 6 MONTHS

State the reason for the extension request and explain the Operator's plans for future operation of the Well in the COMMENTS box below as required by Rule 434.b.(3).

Date well temporarily abandoned _____

Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required. Date of last MIT _____

TECHNICAL ENGINEERING AND ENVIRONMENTAL WORK

Details of work must be described in full in the COMMENTS below or provided as an attachment.

☐ NOTICE OF INTENT/REQUEST FOR APPROVAL Approximate Start Date _____

☐ SUBSEQUENT REPORT Date of Activity _____

☐ Bradenhead Plan ☐ Venting or Flaring (Rule 903) ☐ E&P Waste Mangement

☐ Change Drilling Plan ☐ Repair Well ☐ Beneficial Reuse of E&P Waste

☐ Gross Interval Change

☐ Underground Injection Control

☐ Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.)

☐ Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.)

☐ Other

☐ Request that an existing produced water sample from the same formation be used per Rule 909.j.(6) to meet the requirements of Rule 909.j.(1)-(5) for this Well.

Pit ID _____ Pit Name _____

(No Sample Provided)

☐ Subsequent well operations with heavy equipment (Rule 312)

(No Well Provided)

COMMENTS:

GAS CAPTURE

VENTING AND FLARING:

Operation type: _____ Operational phase requiring venting/flaring: _____

Reason for venting/flaring: _____

Describe Other reason for venting/flaring:

Describe why venting or flaring is necessary. If reporting per Rule 903.b.(2), 903.c.(3).C, or 903.d.(2), include the explanation, rationale, and cause of the event:

Describe how the operation will protect and minimize adverse impacts to public health, safety, welfare, the environment, and wildlife resources. If reporting per Rule 903.d.(2), include BMPs used to minimize venting on the BMP Tab:

Total volume of gas vented or flared: _____ mcf ☐ estimated ☐ measured

Total duration of emission event: _____ hours ☐ consecutive ☐ cumulative

Submit a single representative gas analysis via Form 43 to create a Sample Site Facility ID# for this Location. Reference the Form 43 document number on the Related Forms tab.

Sample Site Facility ID#: _____

GAS CAPTURE PLAN

Describe the plan to connect to a gathering line or beneficially use the gas; include anticipated timeline:

A Gas Capture Plan that meets the requirements of Rule 903.e is attached. ☐

H2S REPORTING

☐ **Intentional release of H2S gas due to Upset Condition or malfunction.**

☐ **Intent to temporarily abandon well with potential H2S concentration >100 ppm.**

Data Fields in this section are intended to document Sample and Location Data associated with the collection of a Gas Sample that is submitted for Laboratory Analysis.

Gas Analysis Report must be attached.

H2S Concentration: _____ in ppm (parts per million) Date of Measurement or Sample Collection _____

Description of Sample Point:

Absolute Open Flow Potential _____ in CFPD (cubic feet per day)

Description of Release Potential and Duration (If flow is not open to the atmosphere, identify the duration in which the container or pipeline would likely be opened for servicing operations.):

Distance to nearest occupied residence, school, church, park, school bus stop, place of business, or other areas where the public could reasonably be expected to frequent: _____

Distance to nearest Federal, State, County, or municipal road or highway owned and principally maintained for public use: _____

COMMENTS:

OIL & GAS LOCATION UPDATES

OGDP ID _____ OGDP Name _____

SITE EQUIPMENT LIST UPDATES

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

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

OTHER PERMANENT EQUIPMENT UPDATES

Permanent Equipment Type	Number
Gas Lift Meter Building	2

OTHER TEMPORARY EQUIPMENT UPDATES

CULTURAL AND SAFETY SETBACK UPDATES

Feature	Distance	Direction
Railroad	5280	E
School Facility	5280	NE
Above Ground Utility	114	NE
High Occupancy Building Unit (HOBU)	5280	NE
Building	616	NE
Residential Building Unit (RBU)	1191	SE
RBU,HOBU,or School Facility within a DI Community	5280	E
Designated Outside Activity Area	5280	SE
Property Line	220	N
Public Road	604	E
Disproportionately Impacted (DI) Community	5280	SE
Child Care Center	5280	N

OTHER LOCATION CHANGES AND UPDATES

Provide a description of other changes or updates to technical information for this Location:

Eight (8) 2" - 4" steel three-phase flowlines; Eight (8) 2" - 4" steel gas lift lines; Two (2) temporary 12" poly lines for fresh water

Two (2): 2”- 8” Steel or Composite Three Phase Flowlines
Six (6) - Multi-phase flowmeters
Six (6) - Flowline manifold/header
Two (2) – solar power skids

POTENTIAL OGDP UPDATES

PROPOSED CHANGES TO AN APPROVED OGDP

☐ This Sundry Form 4 is being submitted pursuant to Rule 301.c to propose changes to an approved Oil and Gas Development Plan.

Check all boxes that pertain to the type(s) of changes being proposed for this OGDP:

- ☐ Add Oil and Gas Location(s)
- ☐ Amend Oil and Gas Location(s)
- ☐ Remove Oil and Gas Location(s)
- ☐ Oil and Gas Location attachment or plan updates
- ☐ Other
- ☐ Add Drilling and Spacing Unit(s)
- ☐ Amend Drilling and Spacing Unit(s)
- ☐ Remove Drilling and Spacing Unit(s)
- ☐ Amend the lands subject to the OGDP

Provide a detailed description of the changes being proposed for this OGDP. Attach supporting documentation such as maps if necessary.

Best Management Practices

No	BMP/COA Type	Description
	Noise mitigation	Mitigation measures will be completed prior to the commencement of the noise generating activity. Temporary barriers will be installed during daylight hours within the disturbance area, as shown on the attached location figure, and will remain in place for the duration of drilling and completion activities on the site. Sound walls will be 32' tall at a minimum and will reduce cumulative noise levels on average 7-10 decibels. Wall height may be increased if it is determined additional height is necessary to control sound. Sound walls will be constructed with sound dampening material on the sides and double layer sound dampening material may be used if needed. Sound walls will be on the east and south of the working pad surface. The sound walls will remain in place until the applicable noise sources have been removed. Additional sound barriers may also be placed around equipment, such as frac pumps or generators, as needed. Operator will take continuous sound measurements from each noise point of compliance during pre-production activities and ongoing operations lasting longer than 24 consecutive hours such as drilling, completion, recompletion, stimulation, and well maintenance, in areas zoned residential or within 2,000 feet of a Building Unit. If compliance is not confirmed, Operator will employ additional mitigation to ensure compliance with COGCC and Weld County rules, such as exhaust mufflers, hay bales, additional sound walls, or replacement of offending noisy equipment with quieter systems. • In order to minimize potential impact on the identified RBUs, Noble Energy has/will take the following actions: o Notify residential building owners of upcoming work and ensure all owner concerns are met prior to and during operations. o Ensure service providers maintain equipment properly to minimize nuisance noise. This includes equipment with moving parts or noise-reducing modifications (compressors, pumps, etc.). o Ensuring company and service provider vehicle traffic is maintained to a minimum, especially during nighttime hours. Service providers who operate heavy equipment will be reminded to keep vehicle speed to a minimum as well as avoid unnecessary engine braking. o Company personnel will continuously sample sound levels throughout all phases of operations, ensuring adequate noise levels are maintained. If local, state, or federal noise levels are exceeded, Operations supervision will immediately be notified, and actions will be taken to minimize noise levels, up to and including stopping work. o Operator will employ other measures as needed, to accommodate occupants of RBUs that may be experiencing potential impacts from noise from field activities.

	Dust control	o Maintain a current Safety Data Sheet (SDS) in their company vehicle when using a dust suppressor containing chemicals, in accordance with OSHA Standard 29 CFR 1910.1200 (Hazard Communication) as well as local and State requirements. o Ensure watering practices are not creating additional hazards on access roads (slick roads, muddy conditions, etc.) • All soil piles created by construction activities will be managed utilizing Hydro-mulch, straw crimping, and/or tracking methods to prevent dust from exiting location and creating a hazard during pre-production activities. Soil piles will be graded and/or seeded to prevent erosion and the generation of dust post-production. • Operator will minimize the amount of fugitive dust using speed restrictions. All vehicles will be subject to a speed limit of 20 MPH on all lease roads to minimize dust. • Operator will avoid the creation of fugitive dust by restricting or limiting construction activity during high wind days. • Operator will not use any of the following fluids for dust suppression: o Produced water o E&P waste or hazardous waste o Crude oil or any oil specifically designed for road maintenance o Chemical solvents o Process fluids • All secondary roads created for this project (non-public roadways) will be finished with ½" – ¾" crushed stone road base. • Based on the currently anticipated construction schedule, there is a high likelihood of continued dry conditions and the potential for high winds during construction operations. As a result, Noble will ensure that additional storage of water and water dispersing equipment, such as water cannons or water trucks, are staged at the location to be immediately available to mitigate dust related to construction. As noted elsewhere in this plan, Noble will curtail construction activities during periods of high winds. • Silica dust from handling sand used in hydraulic fracturing operations will be mitigated by utilization of the enclosed Sand Box delivery systems. As such, no pneumatic transportation of sand will be conducted on this location.
	Planning	Construction, Flowback, Interim Reclamation • Operator will conduct construction, flowback, and interim reclamation activities only during daylight hours to maximize the use of natural lighting. • On occasion, the use of additional or alternative lighting sources may be required for site security or when field conditions experience a significant alteration. If such changes occur, light measurements may be conducted at the nearest RBU(s) to ensure compliance. If it is determined that the measured light level exceeds standards, additional BMPs will be implemented to the site lighting to achieve compliance. These changes may include removing or replacing light sources, repositioning equipment on location, or installing additional sound walls. Drilling and Completions • Operator will minimize lighting when not needed using timers or motion sensors. • Operator will use full cut-off lighting to minimize light pollution and obtrusive lighting. • Operator will use lighting colors that reduce light intensity, including using neutral white lights. • Operator will use low-glare or no-glare lighting that utilizes high-mount/narrow-beam angle settings. • Whenever feasible, Operator will schedule regular production activities during daylight hours to maximize the use of natural lighting. the nest or temporarily disable the lighting source until nest is abandoned. • When present, Operator will locate all light sources inside and beneath the temporary sound walls bordering the location. • Adjusting the lighting sources to point downward and towards the interior of location.

1	Planning	Secondary containment: Operator will install perimeter controls to control potential sediment-laden runoff in the event of spill or release from Modular Large Volume Storage Tank Vehicle fueling: Operator will refuel vehicles only on impervious surfaces and never during storm events Vehicle fueling: Operator will ensure that a fueling contractor is present during the entire fueling process to prevent overfilling, leaks and drips from improper connections Dust suppression: Operator will not use produced water or other process fluids for dust suppression Liners - A minimum 30-mil poly liner will be utilized under the drilling rig, mud tanks, shakers and drill cuttings bins. During completions, most equipment associated with hydraulic fracturing will be underlain by a minimum 30-mil poly liner with drive-over foam berms. Bulk liquids used during D&C activities, including chemical injection skids, acid and chlorine tanks, and fuel tanks will be containerized in appropriate sealed vessels and underlain by an impervious liner and/or secondary containment system capable of containing any spill or leak from that vessel. Groundwater Sampling – Operator will comply with the sampling requirements in Rules 615.c and 907.b.(9) or request exceptions to the requirements in previous Rules 318.A.f and 609.d.(3).
2	Drilling/Completion Operations	Operator acknowledges and will comply with the Colorado Oil & Gas Conservation Commission Policy on the Use of Modular Large Volume Tanks in Colorado dated June 13,2014.

Total: 5 comment(s)

Operator Comments:

The sundry is being submitted to update cultural distances from the edge of disturbance, add a MLVT, and update BMPs. We will not increase disturbance

Vendor: Hydrera Harpoon
Number & Size: We will set one (1) MLVT (153' Diameter, 40,000 bbl) on location
Anticipated Time Frame on the location: 4 Months
Location/Placement: As depicted on the drawing

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

Signed: _____ Print Name: Julie Webb

Title: Sr. Regulatory Analyst Email: julie.webb@chevron.com Date: _____

Based on the information provided herein, this Sundry Notice (Form 4) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

General Comments

User Group	Comment	Comment Date
OGLA	Return to Draft for: Noise Mitigation, Odor BMPs, and Dust BMPs.	07/01/2022

Total: 1 comment(s)

Attachment List

Att Doc Num	Name
403091931	REFERENCE AREA PICTURES
403092265	LOCATION DRAWING

Total Attach: 2 Files