

**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: <u>10669</u>	Contact Name <u>LAUREN WALSH</u>
Name of Operator: <u>NICKEL ROAD OPERATING LLC</u>	Phone: <u>(720) 8814502</u>
Address: <u>44 COOK ST STE 705</u>	Fax: ()
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80206</u>	Email: <u>lwalsh@bayswater.us</u>

FORM 4 SUBMITTED FOR:

Facility Type: WELL

API Number : 05- 123 46777 00 ID Number: 454905

Name: DRAKE Number: 2X-HNC-11-07-67

Location QtrQtr: NWSE Section: 12 Township: 7N Range: 67W 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
454899	DRAKE 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 40.588174 Longitude -104.837823

GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Measurement Date: 08/20/2022

Well Ground Elevation: 5089 feet (Required for change of Surface Location.)

WELL LOCATION CHANGE

Well plan is: HORIZONTAL (Vertical, Directional, Horizontal)

		FNL/FSL		FEL/FWL	
Change of Surface Footage From:		<u>2418</u>	<u>FSL</u>	<u>1645</u>	<u>FEL</u>
Change of Surface Footage To:		<u>2419</u>	<u>FSL</u>	<u>1670</u>	<u>FEL</u>
Current Surface Location From	QtrQtr <u>NWSE</u> Sec <u>12</u>	Twp <u>7N</u>	Range <u>67W</u>	Meridian <u>6</u>	
New Surface Location To	QtrQtr <u>NWSE</u> Sec <u>12</u>	Twp <u>7N</u>	Range <u>67W</u>	Meridian <u>6</u>	
Change of Top of Productive Zone Footage From:		<u>1056</u>	<u>FNL</u>	<u>460</u>	<u>FEL</u>
Change of Top of Productive Zone Footage To:		<u>975</u>	<u>FNL</u>	<u>470</u>	<u>FEL</u> **
Current Top of Productive Zone Location	Sec <u>12</u>	Twp <u>7N</u>	Range <u>67W</u>		
New Top of Productive Zone Location	Sec <u>12</u>	Twp <u>7N</u>	Range <u>67W</u>		

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

FNL

FEL

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

975 FNL

470 FWL **

Current **Base of Productive Zone** Location

Sec

Twp

Range

New **Base of Productive Zone** Location

Sec

Twp

Range

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

1056 FNL

460 FWL

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

975 FNL

470 FWL **

Current **Bottomhole** Location

Sec

Twp

Range

** attach deviated drilling plan

New **Bottomhole** Location

Sec

Twp

Range

SAFETY SETBACK INFORMATION

Required for change of Surface Location.

Distance from Well to nearest:

Building: 1879 Feet
 Building Unit: 2216 Feet
 Public Road: 1654 Feet
 Above Ground Utility: 1628 Feet
 Railroad: 5280 Feet
 Property Line: 224 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? Yes

If YES:

Enter the minimum distance from the Completed Zone of this Well to the Unit Boundary: 470 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: 468 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

SHL changes to the previous SHL of the Drake 2X-HC-11-07-67 well, which is being relocated as part of this realignment.

CHANGE OR ADD OBJECTIVE FORMATION AND/OR SPACING UNIT

Objective Formation	Formation Code	Spacing Order Number	Unit Acreage	Unit Configuration	Add	Modify	No Change	Delete
NIOBRARA	NBRR	407-2267	1280	SEC. 11 & 12: ALL			X	

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 10/21/2022

SUBSEQUENT REPORT Date of Activity _____

- | | | |
|---|--|--|
| <input type="checkbox"/> Bradenhead Plan | <input type="checkbox"/> Venting or Flaring (Rule 903) | <input type="checkbox"/> E&P Waste Mangement |
| <input checked="" type="checkbox"/> Change Drilling Plan | <input type="checkbox"/> Repair Well | <input type="checkbox"/> Beneficial Reuse of E&P Waste |
| <input type="checkbox"/> Gross Interval Change | | |
| <input type="checkbox"/> Underground Injection Control | | |
| <input type="checkbox"/> Request approval of Reuse and Recycling Plan per Rule 905.a.(3). (Reuse and Recycling Plan must be attached.) | | |
| <input type="checkbox"/> Request approval of Alternative Sampling Plan per Rule 909.j.(6). for this Pit. (Alternative Sampling Program must be attached.) | | |
| <input type="checkbox"/> 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:

The location is being reduced from a 24-well pad to an 11-well pad, including the three existing wells. Eight wells are being respaced within the existing DSU in sections 11 and 12, and the remainder of existing approved permits will be abandoned, including this well.

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.

CASING PROGRAM

<u>Casing Type</u>	<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Grade</u>	<u>Wt/Ft</u>	<u>Csg/Liner Top</u>	<u>Setting Depth</u>	<u>Sacks Cmt</u>	<u>Cmt Btm</u>	<u>Cmt Top</u>
CONDUCTOR	26	16	NA	43	0	80	100	80	0
SURF	13+1/2	9+5/8	J55	36	0	1500	608	1500	0
1ST	8+1/2	5+1/2	HCP110	20	0	17664	2356	17664	2500

POTENTIAL FLOW AND CONFINING FORMATIONS

<u>Zone Type</u>	<u>Formation /Hazard</u>	<u>Top M.D.</u>	<u>Top T.V.D.</u>	<u>Bottom M.D.</u>	<u>Bottom T.V.D.</u>	<u>TDS (mg/L)</u>	<u>Data Source</u>	<u>Comment</u>
Groundwater	Quaternary Alluvium	0	0	45	45	501-1000	Groundwater Sample	Sample Site ID: 761993
Groundwater	Laramie/Fox Hills	45	45	248	248	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	Upper Pierre	359	248	1300	1210	1001-10000	Other	UPWQ_PPT_01_29_18_He aring
Confining Layer	Pierre Shale	1300	1210	4000	3741			
Hydrocarbon	Parkman	4000	3741	4400	4101			
Hydrocarbon	Sussex	4700	4395	4900	4527			
Hydrocarbon	Shannon	5200	4891	5600	5202			
Confining Layer	Pierre Shale	5600	5202	7500	7015			
Confining Layer	Sharon Springs	7500	7015	7600	7049			
Hydrocarbon	Niobrara	7600	7049	17664	7213			The TVD of the deepest hydrocarbon zone is the bottom of the well and not the bottom of the formation. The formation is not planned to be exited.

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 _____	Oil Tanks _____	Condensate Tanks _____	Water Tanks _____	Buried Produced Water Vaults _____
Drilling Pits _____	Production Pits _____	Special Purpose Pits _____	Multi-Well Pits _____	Modular Large Volume Tank _____
Pump Jacks _____	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

OTHER TEMPORARY EQUIPMENT UPDATES

CULTURAL AND SAFETY SETBACK UPDATES

OTHER LOCATION CHANGES AND UPDATES

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

POTENTIAL OGDP UPDATES

PROPOSED CHANGES TO AN APPROVED OGDG

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 OGDG:

- | | |
|--|--|
| <input type="checkbox"/> Add Oil and Gas Location(s) | <input type="checkbox"/> Add Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Amend Oil and Gas Location(s) | <input type="checkbox"/> Amend Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Remove Oil and Gas Location(s) | <input type="checkbox"/> Remove Drilling and Spacing Unit(s) |
| <input type="checkbox"/> Oil and Gas Location attachment or plan updates | <input type="checkbox"/> Amend the lands subject to the OGDG |
| <input type="checkbox"/> Other | |

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

Best Management Practices

No	BMP/COA Type	Description
1	Drilling/Completion Operations	Bradenhead Monitoring: Operator acknowledges and will comply with COGCC Policy for Bradenhead Monitoring during Hydraulic Fracturing Treatments in the Greater Wattenberg Area dated May 29, 2012.
2	Drilling/Completion Operations	Blowout Prevention Equipment ("BOPE"): A double ram and annular preventer will be used during drilling. Stabbing valves shall be installed in the event of reverse circulation and shall be prior tested with low- and high-pressure fluid.
3	Drilling/Completion Operations	Alternative Logging Program - One of the first wells drilled on the pad will be logged with Open Hole Resistivity Log and Gamma Ray Log from the kick-off point to into the surface casing. All wells on the pad will have a cement bond log with gamma-ray run on production casing (or on intermediate casing if production liner is run) into the surface casing. The horizontal portion of every well will be logged with a measured while-drilling gamma-ray log. The Form 5, Completion Report, for each well on the pad will list all logs run and have those logs attached. The Form 5 for a well without open hole logs shall clearly state "Alternative Logging Program - No open-hole logs were run" and shall clearly identify (by API#, well name & number) the well in which open hole logs were run.
4	Drilling/Completion Operations	Anti-collision: Operator will perform an anti-collision evaluation of all active (producing, shut in, or temporarily abandoned) offset wellbores that have the potential of being within 150 feet of a proposed well prior to drilling operations for the proposed well. Notice shall be given to all offset operators prior to drilling.

Total: 4 comment(s)

Operator Comments:

This Form 4 is being submitted as a sundry to the Drake 2X-HNC-11-07-67 to update the TPZBPZ//BHL.

Bayswater is serving as the contract operator from Nickel Road while an acquisition of the location is in process.

The location is being reduced from a 24-well pad to an 11-well pad, including the three existing wells. Eight wells are being respaced within the existing DSU in sections 11 and 12, and the remainder of existing approved permits will be abandoned.

The SHL are changing to most efficiently utilize previously approved SHL. There have been no new buildings constructed and no changes to the surrounding land use, spacing unit, cultural setbacks, or mineral lease description. The well site has been constructed. The Drake 4X-HNC-11-07-67 (API: 05-123-46783), Drake 5X-HC-11-07-67 (API: 05-123-46785), and Drake 5X-HNB-11-07-67 (API: 05-123-46786) have been drilled. All previously submitted notices, Surface Use Agreements, and letters are also still valid.

The nearest well in unit per anti-collision is updated to the Drake 1X-HNC-11-07-67 @ 468'.
Nearest permitted or existing wellbore belonging to another operator per anti-collision is updated to the Lindblad 1-12 (API: 05-123-11263) PA Status @ 265'.

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

Signed: _____ Print Name: ERIN LIND
 Title: SR REG ANALYST Email: erin.lind@nickelroadoperating.com Date: 10/21/2022

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

COGCC Approved: JENKINS, STEVE

Date: 11/3/2022

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description
0 COA	

General Comments

User Group	Comment	Comment Date
Permit	Per Operator's concurrence: updated Location Comment to correct well name typo	10/31/2022

Total: 1 comment(s)

Attachment List

Att Doc Num	Name
403205179	SUNDRY NOTICE APPROVED-LOC-SFTY-STBK-MNRL-STBK-OBJ-DRLG-CSG
403205202	WELL LOCATION PLAT
403205203	DEVIATED DRILLING PLAN
403205204	DIRECTIONAL DATA
403217547	FORM 4 SUBMITTED

Total Attach: 5 Files