

**State of Colorado
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number: 402611062			
Date Received:			

SUNDRY NOTICE

Submit a signed original. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full in Comments or provide as an attachment. Identify Well by API Number; identify Oil and Gas Location by Location ID Number; identify other Facility by Facility ID Number.

OGCC Operator Number: 10669 Contact Name JENNIFER LIND
 Name of Operator: NICKEL ROAD OPERATING LLC Phone: (303) 406-1117
 Address: 1600 STOUT STREET SUITE 1850 Fax: ()
 City: DENVER State: CO Zip: 80202 Email: JENNIFER.LIND@NICKELROADOPERATING.COM

Complete the Attachment Checklist

OP OGCC

API Number : 05- 123 00 OGCC Facility ID Number: 460556
 Well/Facility Name: DEHAAN NORTH Well/Facility Number: PAD
 Location QtrQtr: NWNW Section: 17 Township: 7N Range: 65W Meridian: 6
 County: WELD Field Name: _____
 Federal, Indian or State Lease Number: _____

Survey Plat		
Directional Survey		
Srvc Eqpmt Diagram		
Technical Info Page		
Other		

CHANGE OF LOCATION OR AS BUILT GPS REPORT

- Change of Location * As-Built GPS Location Report As-Built GPS Location Report with Survey

* Well location change requires new plat. A substantive surface location change may require new Form 2A.

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

Latitude _____ GPS Quality Value: _____ Type of GPS Quality Value: _____ Measurement Date: _____
 Longitude _____

LOCATION CHANGE (all measurements in Feet)

Well will be: _____ (Vertical, Directional, Horizontal)

Change of **Surface** Footage **From** Exterior Section Lines:

Change of **Surface** Footage **To** Exterior Section Lines:

Current **Surface** Location **From** QtrQtr NWNW Sec 17

New **Surface** Location **To** QtrQtr _____ Sec _____

Change of **Top of Productive Zone** Footage **From** Exterior Section Lines:

Change of **Top of Productive Zone** Footage **To** Exterior Section Lines:

Current **Top of Productive Zone** Location **From** Sec _____

New **Top of Productive Zone** Location **To** Sec _____

Change of **Bottomhole** Footage **From** Exterior Section Lines:

Change of **Bottomhole** Footage **To** Exterior Section Lines:

Current **Bottomhole** Location Sec _____ Twp _____

New **Bottomhole** Location Sec _____ Twp _____

Is location in High Density Area? _____

Distance, in feet, to nearest building _____, public road: _____, above ground utility: _____, railroad: _____,
 property line: _____, lease line: _____, well in same formation: _____

Ground Elevation _____ feet Surface owner consultation date _____

FNL/FSL		FEL/FWL	
<input type="text" value="1192"/>	<input type="text" value="FNL"/>	<input type="text" value="833"/>	<input type="text" value="FWL"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Twp <input type="text" value="7N"/>	Range <input type="text" value="65W"/>	Meridian <input type="text" value="6"/>	
Twp <input type="text"/>	Range <input type="text"/>	Meridian <input type="text"/>	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="**"/>
Twp <input type="text"/>	Range <input type="text"/>		
Twp <input type="text"/>	Range <input type="text"/>		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="**"/>
Twp <input type="text"/>	Range <input type="text"/>		
Twp <input type="text"/>	Range <input type="text"/>		

** attach deviated drilling plan

OTHER CHANGES

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

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

From: Name DEHAAN NORTH 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 905)

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 908)

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 CONFIDENTIAL STATUS

DIGITAL WELL LOG UPLOAD

DOCUMENTS SUBMITTED Purpose of Submission: _____

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

NOTICE OF CONTINUED TEMPORARILY ABANDONED STATUS

Indicate why the well is temporarily abandoned and describe future plans for utilization in the COMMENTS box below or provide as an attachment, as required by Rule 319.b.(3).

Date well temporarily abandoned _____ Has Production Equipment been removed from site? _____

Mechanical Integrity Test (MIT) required if shut in longer than 2 years. Date of last MIT _____

SPUD DATE: _____

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 Approximate Start Date _____

REPORT OF WORK DONE Date Work Completed _____

- Intent to Recomplete (Form 2 also required)
- Change Drilling Plan
- Gross Interval Change
- Bradenhead Plan
- Other _____
- Request to Vent or Flare
- Repair Well
- Rule 502 variance requested. Must provide detailed info regarding request.
- Status Update/Change of Remediation Plans for Spills and Releases
- E&P Waste Mangement Plan
- Beneficial Reuse of E&P Waste

COMMENTS:

H2S REPORTING

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:

Best Management Practices

No	<u>BMP/COA Type</u>	<u>Description</u>
1	General Housekeeping	<p>Light sources during the drilling and completions phases of operations will be directed downwards and away from occupied structures so no light pollution leaves the facility. Sound walls will block headlights and temporary rig/equipment lighting necessary for safe operations to be completed during the drilling and completions operations.</p> <p>Permanent lighting will be installed around the production facility (tank battery and separators) during the production phase to allow both the Operator and haulers to conduct safe operations at night. All lights will be directed down and inward toward the location or shielded so no light pollution leaves the location. Permanent lighting is timer activated (30-minute shut-off) and used only when specific work activities require their use.</p> <p>Permanent lighting installed on this location will be full cut-off lighting (lights will not shine above the horizontal plane). Additionally, lights installed will be low-glare and will utilize the warmest color bulbs available for this application.</p>
2	Dust control	<p>Operator shall employ practices for control of fugitive dust caused by their operations on all impacted County Roads, the lease access road and the pad location throughout all phases of operations. During the pad construction and the drilling and completions phases of development, Operator will have a water truck on call to water roads as necessary to prevent dust on dirt roads, access road and pad location. Additional practices to be employed as needed include but are not limited to the use of speed restrictions, regular road maintenance, restriction of construction activity during high-wind days, and silica dust controls when handling sand used in hydraulic fracturing operations. Additional management practices such as road surfacing, wind breaks and barriers may also be used if warranted.</p> <p>The topsoil stockpile and cut / fill slopes will be stabilized with mechanical compacting as soon as possible following initial pad grading and will be hydromulched / seeded in the appropriate growing season in accordance with local CSU extension recommendations.</p>
3	Noise mitigation	<p>Operator has completed a site-specific sound study and model at this pad location prior to commencement of pad construction activities. 32' sound walls will be installed around the perimeter of the pad in accordance with sound study recommendations. Sound walls will be in place prior to the commencement of drilling operations and will remain in place throughout the completion activities for each occupation.</p> <p>Drilling rig, completion and production equipment engines will be oriented away from occupied buildings to the maximum extent practicable. If complaints are received during the production phase regarding engine / equipment noise concerns, Operator will install permanent sound wall panels to alleviate future nuisance conditions.</p> <p>Operator plans to utilize 'quiet fleet' for completion operations on this pad.</p>

4	Odor mitigation	<p>Odor Mitigation BMP: Operator will use Group I OBM. Odors will be managed by using 1) a closed loop OBM system, 2) a closed loop solids control system, 3) odor neutralizers, and 4) cuttings will not be allowed to accumulate on Location. Settling time and resulting odors will be minimized through, at a minimum, daily removal and daily offsite disposal of cuttings at a commercial facility. Should odor complaints persist during active drilling operations, operator will employ drying shakers and screen pulse for cuttings to return the maximum amount of fluid back into the closed-loop mud system rather than settling in the cuttings. Should odor complaints continue further, drilling operations will cease until such time the operator employs odor neutralizing additives to the OBM system and / or switches to an alternative OBM system with lower odor potential.</p> <p>Test separators and associated flow lines, sand traps and emission control systems will be installed on-site to accommodate green completions techniques. When commercial quantities of salable quality gas are achieved at each well, the gas will be immediately directed to a sales line or shut in and conserved. If a sales line is unavailable or other conditions prevent placing the gas into a sales line, the Operator will not produce the wells without a prior approved variance.</p> <p>Operator will comply with CDPHE requirements for AIMM / LDAR inspections and leak repairs. This location will be inspected by a 3rd party qualified professional on a monthly basis at minimum once the production phase commences. In addition, Operator plans to install equipment designed specifically to aid in the mitigation of VOC emissions from this location. This equipment includes vapor recovery units (VRUs), O2 oxygen scrubber, emissions control devices (ECDs) and tank loadout controls. Additionally, if one of these pieces of equipment is not operational, facility automation controls will automatically shut-in the pad until the equipment is back on-line. Please refer to process flow diagram for additional information.</p>
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Total: 4 comment(s)

Operator Comments:

Updated BMP language provided per COGCC request recieved via email on 2/25/2021 - see 'BMP' tab.

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

Signed: _____ Print Name: JENNIFER LIND

Title: VP REG & ENV Email: JENNIFER.LIND@NICKELROADOPERA 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:

<u>COA Type</u>	<u>Description</u>

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)

Attachment List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files