

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

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



DE	ET	OE	ES
Document Number: <b>402655654</b>			
Date Received: <b>04/12/2021</b>			

**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 51531 00 OGCC Facility ID Number: 479375  
 Well/Facility Name: BLEHM WEST Well/Facility Number: 6X-HC-07-07-67  
 Location QtrQtr: NENE Section: 9 Township: 7N Range: 67W Meridian: 6  
 County: WELD Field Name: WATTENBERG  
 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 40.594461 GPS Quality Value: 2.0 Type of GPS Quality Value: PDOP Measurement Date: 11/14/2020  
 Longitude -104.891015

**LOCATION CHANGE (all measurements in Feet)**

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

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

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

Current **Surface** Location **From** QtrQtr NENE Sec 9

New **Surface** Location **To** QtrQtr NENE Sec 9

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 8

New **Top of Productive Zone** Location **To** Sec 8

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

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

Current **Bottomhole** Location Sec 7 Twp 7N

New **Bottomhole** Location Sec 7 Twp 7N

Is location in High Density Area? No

Distance, in feet, to nearest building 2071, public road: 533, above ground utility: 502, railroad: 5280,  
 property line: 524, lease line: \_\_\_\_\_, well in same formation: \_\_\_\_\_

Ground Elevation 5088 feet Surface owner consultation date \_\_\_\_\_

FNL/FSL		FEL/FWL	
<u>485</u>	<u>FNL</u>	<u>659</u>	<u>FEL</u>
<u>545</u>	<u>FNL</u>	<u>662</u>	<u>FEL</u>
Twp <u>7N</u>	Range <u>67W</u>	Meridian <u>6</u>	
Twp <u>7N</u>	Range <u>67W</u>	Meridian <u>6</u>	
<u>1719</u>	<u>FSL</u>	<u>460</u>	<u>FEL</u>
<u>1719</u>	<u>FSL</u>	<u>460</u>	<u>FEL</u> **
Twp <u>7N</u>	Range <u>67W</u>		
Twp <u>7N</u>	Range <u>67W</u>		
<u>1720</u>	<u>FSL</u>	<u>460</u>	<u>FWL</u>
<u>1720</u>	<u>FSL</u>	<u>460</u>	<u>FWL</u> **

\*\* attach deviated drilling plan



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    05/01/2021

REPORT OF WORK DONE                      Date Work Completed    \_\_\_\_\_

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Intent to Recomplete (Form 2 also required) | <input type="checkbox"/> Request to Vent or Flare   | <input type="checkbox"/> E&P Waste Mangement Plan      |
| <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"/> Rule 502 variance requested. Must provide detailed info regarding request. |  |
| <input type="checkbox"/> Bradenhead Plan                             | <input type="checkbox"/> Status Update/Change of Remediation Plans for Spills and Releases          |  |
| <input type="checkbox"/> Other _____                                 |   |  |

**COMMENTS:**

Please refer to 'CASING & CEMENTING PLAN' tab for updated program information. Updated depths are as follows:  
MD @ TPZ: 10,054'  
TVD @ TPZ: 7,135'  
MD @ BHL: 19,265'  
TVD @ BHL: 7,130'

**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	24	16	42	NA	0	80	100	80	0
SURF	13+1/2	9+5/8	36	K55	0	1500	415	1500	0
1ST	8+1/2	5+1/2	20	HCP11 0	0	19265	2480	19265	1000

**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	LARAMIE-FOX HILLS	0	0	139	139	1001-10000	Other	CSU - Domestic Water Analysis Report - Larry Moore Well - 176559
Groundwater	UPPER PIERRE	300	300	1314	1314	1001-10000	Other	Water Quality and the Presence and Origin of Methane in the Upper Pierre Aquifer in Northeastern Weld County, Morgan County and Logan County, Colorado COGCC Project Number 2141 October 2017
Confining Layer	PIERRE SHALE	1314	1314	4813	4216			
Hydrocarbon	SUSSEX	4813	4216	5414	4565			
Hydrocarbon	SHANNON	5414	4565	5464	4594			
Confining Layer	PIERRE SHALE	5464	4594	9313	6831			
Hydrocarbon	NIOBRARA	9313	6831	9836	7102			
Confining Layer	FORT HAYS	9836	7102	9934	7125			
Hydrocarbon	CODELL	9934	7125	19265	7130			Btm MD=TD, Btm TVD=TVD @ BHL

**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 BMP/COA Type**

**Description**

|--|--|--|

**Operator Comments:**

SHL Change of Location in preparation for upcoming drilling occupation scheduled to commence on 5/1/21. There are no changes proposed to the approved lease information or spacing unit designation. Distance to nearest wells as approved on the original Form 2 remains the same as there are no changes proposed to the TPZ or BHL footages. The following are attached or updated on their respective tabs to support the SHL Change of Location request:

- Revised Well Location Plat
- Revised Deviated Drilling Plan
- Revised Directional Data Template
- Updated Cultural Distances - see 'Location Change' tab
- Updated Casing / Cementing Program - see 'Casing & Cementing Plan' tab
- Updated PFZ Table data - see 'Casing & Cementing Plan' 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: 4/12/2021

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

COGCC Approved: Stone, Andrew Date: 5/4/2021

**CONDITIONS OF APPROVAL, IF ANY:**

**Condition of Approval**

**COA Type**

**Description**

	<p>This Form 4 makes changes to the approved Form 2 and must be displayed with the Form 2 while drilling.</p> <p>1) Submit Form 42 electronically to COGCC 2 business days prior to MIRU (spud notice) for the first well activity with a rig on the pad and provide 2 business day spud notice via Form 42 for all subsequent wells drilled on the pad.</p> <p>2) Comply with Rule 408.j. and provide cement coverage from TD to a minimum of 500' above Niobrara. Verify coverage with cement bond log.</p> <p>3) Oil-based drilling fluid is to be used only after all fresh water aquifers are covered.</p>
--	---

1 COA

**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>
402655654	SUNDRY NOTICE APPROVED-LOC-DRLG-CSG
402655720	DEVIATED DRILLING PLAN
402655722	WELL LOCATION PLAT
402655724	DIRECTIONAL DATA
402679392	FORM 4 SUBMITTED

Total Attach: 5 Files