

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

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



Document Number:

400397738

Date Received:

## APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

### 2. TYPE OF WELL

OIL  GAS  COALBED  OTHER \_\_\_\_\_  
SINGLE ZONE  MULTIPLE  COMMINGLE

Refiling

Sidetrack

PluggingBond SuretyID

20030009

3. Name of Operator: NOBLE ENERGY INC

4. COGCC Operator Number: 100322

5. Address: 1625 BROADWAY STE 2200

City: DENVER State: CO Zip: 80202

6. Contact Name: SUSAN MILLER Phone: (303)228-4246 Fax: (303)228-4286

Email: smiller@nobleenergyinc.com

7. Well Name: ROHN STATE Well Number: LD09-63HN

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 9663

## WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 9 Twp: 9N Rng: 58W Meridian: 6

Latitude: 40.761010 Longitude: -103.861610

Footage at Surface: 885 feet FNL/FSL FSL 480 feet FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4716 13. County: WELD

### 14. GPS Data:

Date of Measurement: 11/29/2012 PDOP Reading: 2.1 Instrument Operator's Name: Brian Brinkman

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 1318 FSL 972 FEL 972 Bottom Hole: FNL/FSL 1320 FSL 660 FEL/FWL 660  
Sec: 9 Twp: 9N Rng: 58W Sec: 9 Twp: 9N Rng: 58W

16. Is location in a high density area? (Rule 603b)?  Yes  No

17. Distance to the nearest building, public road, above ground utility or railroad: 470 ft

18. Distance to nearest property line: 480 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 330 ft

## 20. LEASE, SPACING AND POOLING INFORMATION

| Objective Formation(s) | Formation Code | Spacing Order Number(s) | Unit Acreage Assigned to Well | Unit Configuration (N/2, SE/4, etc.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| Niobrara               | NBRR           | 535-302                 | 3200                          | Sec. 3, 4, 9, 10, 16                 |

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: \_\_\_\_\_

22. Surface Ownership:  Fee  State  Federal  Indian

23. Is the Surface Owner also the Mineral Owner?  Yes  No Surface Surety ID#: \_\_\_\_\_

23a. If 23 is Yes: Is the Surface Owner(s) signature on the lease?  Yes  No

23b. If 23 is No:  Surface Owners Agreement Attached or  \$25,000 Blanket Surface Bond  \$2,000 Surface Bond  \$5,000 Surface Bond

24. Using standard QtrQtr, Sec, Twp, Rng format enter entire mineral lease description upon which this proposed wellsite is located (attach separate sheet/map if you prefer):  
 T9N-R58W Section 9: N/2NE/4, S/2NE/4, S/2NW/4, SW/4, SE/4; Section 10: NW/4 and other leases. Horizontal wellbore crosses lease line within drilling and spacing unit; distance to nearest unit boundary is 660'.  
 25. Distance to Nearest Mineral Lease Line: 0 ft                      26. Total Acres in Lease: 720

**DRILLING PLANS AND PROCEDURES**

27. Is H2S anticipated?     Yes                       No    If Yes, attach contingency plan.  
 28. Will salt sections be encountered during drilling?                       Yes                       No  
 29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling?                       Yes                       No  
 30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)?                       Yes                       No  
 31. Mud disposal:                       Offsite                       Onsite                      **If 28, 29, or 30 are "Yes" a pit permit may be required.**  
 Method:                       Land Farming                       Land Spreading                       Disposal Facility                      Other: \_\_\_\_\_  
 Note: The use of an earthen pit for Recompletion fluids requires a pit permit (Rule 905b). If air/gas drilling, notify local fire officials.

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 18+1/2       | 16             |       | 0             | 100           | 6         | 100     | 0       |
| SURF        | 13+3/4       | 9+5/8          | 36    | 0             | 1,150         | 520       | 1,150   | 0       |
| 1ST         | 8+3/4        | 7              | 26    | 0             | 6,039         | 410       | 6,039   | 0       |
| 1ST LINER   | 6+1/8        | 4+1/2          | 11.6  | 8589          | 9,663         |           |         |         |

32. BOP Equipment Type:     Annular Preventer                       Double Ram                       Rotating Head                       None  
 33. Comments    First string top of cement will be 200' above the Niobrara formation. The production liner will be hung off inside of the 7" casing. This 7-well pad includes: ROHN STATE LD10-63HN (REF), ROHN STATE LD10-63-1HN, ROHN STATE LD10-62HN, ROHN STATE LD09-62-1HN, ROHN STATE LD09-63HN, ROHN STATE LD09-63-1HN, ROHN STATE LD16-69HN. See 2A doc. no. 400397800 for well pad location. The nearest well permitted/completed in the same formation is the proposed Rohn State LD09-63-1HN, located 330' south of the proposed well.

34. Location ID: 422853  
 35. Is this application in a Comprehensive Drilling Plan ?                       Yes                       No  
 36. Is this application part of submitted Oil and Gas Location Assessment ?                       Yes                       No  
 I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
 Signed: \_\_\_\_\_                      Print Name: SUSAN MILLER  
 Title: Regulatory Analyst III                      Date: \_\_\_\_\_                      Email: smiller@nobleenergyinc.com

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

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

**API NUMBER**                      Permit Number: \_\_\_\_\_                      Expiration Date: \_\_\_\_\_  
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**CONDITIONS OF APPROVAL, IF ANY:**

**All representations, stipulations and conditions of approval stated in the Form 2A for this location shall constitute representations, stipulations and conditions of approval for this Form 2 Permit-to-Drill and are enforceable to the same extent as all other representations, stipulations and conditions of approval stated in this Permit-to-Drill.**

\_\_\_\_\_

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### Attachment Check List

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400414697   | 30 DAY NOTICE LETTER   |
| 400414698   | WELL LOCATION PLAT     |
| 400414699   | DEVIATED DRILLING PLAN |
| 400414704   | DIRECTIONAL DATA       |
| 400415700   | OFFSET WELL EVALUATION |

Total Attach: 5 Files

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)

### BMP

| <u>Type</u>                            | <u>Comment</u>  |
|--|---|
| Material Handling and Spill Prevention | Spill prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.  |
| General Housekeeping                   | Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly. |
| Storm Water/Erosion Control            | Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR-038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.  |

Total: 3 comment(s)