

FORM

2

Rev  
12/05

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400014273

Plugging Bond Surety

20030009

APPLICATION FOR PERMIT TO:

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

2. TYPE OF WELL

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

Refiling   
Sidetrack

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: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4280  
 Email: kshirley@nobleenergyinc.com  
 7. Well Name: SCHOTT B Well Number: 33-21D  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 7357

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 33 Twp: 5N Rng: 64W Meridian: 6  
 Latitude: 40.352220 Longitude: -104.559380  
 Footage at Surface: 1344 FSL 1310 FWL  
 11. Field Name: WATTENBERG Field Number: 90750  
 12. Ground Elevation: 4685 13. County: WELD

14. GPS Data:

Date of Measurement: 07/31/2009 PDOP Reading: 1.8 Instrument Operator's Name: ROBERT DALEY

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

Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
2567 FSL 2574 FWL 2567 FSL 2574 FWL  
 Sec: 33 Twp: 5N Rng: 64W Sec: 33 Twp: 5N Rng: 64W

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: 400 ft

18. Distance to nearest property line: 386 ft 19. Distance to nearest well permitted/completed in the same formation: 830 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| CODELL                 | CODL           | 407-87                  | 160                           |                                      |
| NIOBRARA               | NBRR           | 407-87                  | 160                           |                                      |

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#: 20030012

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 Bon  \$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):  
SEE ATTACHED DESCRIPTION.

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 114

### 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)?  Yes  No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal:  Offsite  Onsite

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 | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bottom | Cement Top |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| SURF        | 12+1/4       | 8+5/8          | 24              | 500           | 212          | 500           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,357         | 624          | 7,357         |            |

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None

33. Comments NO CONDUCTOR CASING WILL BE USED. THE TOP OF CEMENT WILL BE 200' ABOVE THE NIOBRARA. THE UNIT CONFIGURATION FOR THE CODELL AND NIOBRARA IS SWNE, SENW, NESW, NWSE.

34. Location ID: \_\_\_\_\_

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: KATE SHIRLEY

Title: REGULATORY SPECIALIST Date: \_\_\_\_\_ Email: kshirley@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: \_\_\_\_\_

|                   |  |                        |
|-------------------|--|------------------------|
| <b>API NUMBER</b> | Permit Number: _____                         | Expiration Date: _____ |
| 05                | <b>CONDITIONS OF APPROVAL, IF ANY:</b> _____ |                        |

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.

### **Attachment Check List**

| Att Doc Num | Name                    | Doc Description                      |
|-------------|-------------------------|--------------------------------------|
| 400014353   | PROPOSED SPACING UNIT   | 2415-Sharp-5001N_20091109_104609.pdf |
| 400014354   | DEVIATED DRILLING PLAN  | 2415-Sharp-5001N_20091109_104551.pdf |
| 400014358   | LEGAL/LEASE DESCRIPTION | 2415-Sharp-5001N_20091109_104539.pdf |
| 400014359   | 30 DAY NOTICE LETTER    | 2415-Sharp-5001N_20091109_104526.pdf |
| 400014360   | WELL LOCATION PLAT      | 2415-Sharp-5001N_20091109_104514.pdf |

Total Attach: 5 Files