

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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| DE | ET | OE | ES |
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Document Number:

400036906

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 Miller Phone: (303)228-4449 Fax: (303)228-4286
Email: kmiller@nobleenergyinc.com

7. Well Name: Booth N Well Number: 25-31D

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 7822

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 25 Twp: 5N Rng: 67W Meridian: 6

Latitude: 40.376470 Longitude: -104.849410

Footage at Surface: 512 FNL/FSL FNL 431 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 5039 13. County: WELD

14. GPS Data:

Date of Measurement: 12/17/2009 PDOP Reading: 1.5 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 1340 FNL 119 FEL 1340 FNL 119 FEL
Sec: 26 Twp: 5N Rng: 67W Sec: 26 Twp: 5N Rng: 67W

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: 497 ft

18. Distance to nearest property line: 211 ft 19. Distance to nearest well permitted/completed in the same formation: 776 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 | See Comments |
| Niobrara | NBRR | 407-87 | 160 | See Comments |

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

25. Distance to Nearest Mineral Lease Line: 119 ft 26. Total Acres in Lease: 5681

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: Closed Loop

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 | 600 | 248 | 600 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,822 | 742 | 7,822 | |

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

33. Comments No conductor casing will be used. TOC=200' above the Niobrara. Unit Configuration: T5N,R67W Section 25: W/2NW/4 and Section 26: E/2NE/4

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 Miller

Title: Regulatory Analyst Date: 3/25/2010 Email: kmiller@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

05

Permit Number: _____ Expiration Date: _____

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.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|-------------------------|--------------------------------------|
| 400049507 | LEGAL/LEASE DESCRIPTION | 2415-Sharp-5001N_20100325_101523.pdf |
| 400049508 | EXCEPTION LOC WAIVERS | 2415-Sharp-5001N_20100325_101510.pdf |
| 400049509 | EXCEPTION LOC REQUEST | 2415-Sharp-5001N_20100325_101458.pdf |
| 400049510 | PROPOSED SPACING UNIT | 2415-Sharp-5001N_20100325_101442.pdf |
| 400049511 | DEVIATED DRILLING PLAN | 2415-Sharp-5001N_20100325_101423.pdf |
| 400049512 | 30 DAY NOTICE LETTER | 2415-Sharp-5001N_20100325_101408.pdf |
| 400049513 | WELL LOCATION PLAT | 2415-Sharp-5001N_20100325_101353.pdf |

Total Attach: 7 Files