

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:

400097383

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: JAN KAJIWARA Phone: (303)228-4092 Fax: (303)228-4286  
Email: jkajiwara@nobleenergyinc.com

7. Well Name: MOSER PC G Well Number: 10-21D

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

9. Proposed Total Measured Depth: 7611

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 10 Twp: 4N Rng: 65W Meridian: 6

Latitude: 40.321800 Longitude: -104.651470

Footage at Surface: 755 feet FNL/FSL FSL 1990 feet FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4697 13. County: WELD

14. GPS Data:

Date of Measurement: 09/02/2010 PDOP Reading: 1.7 Instrument Operator's Name: JOHN S LAMBERT

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

Footage at Top of Prod Zone: FNL/FSL 2550 FSL 2550 FEL 2550 FEL 2550  
Bottom Hole: FNL/FSL 2550 FSL 2550 FEL 2550 FEL 2550  
Sec: 10 Twp: 4N Rng: 65W Sec: 10 Twp: 4N Rng: 65W

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: 645 ft

18. Distance to nearest property line: 655 ft 19. Distance to nearest well permitted/completed in the same formation: 745 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#: \_\_\_\_\_

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):  
T4N-R65W-SEC. 10: E/2SW

25. Distance to Nearest Mineral Lease Line: 66 ft 26. Total Acres in Lease: 80

### 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              | 650           | 230          | 650           | 0          |
| 1ST         | 7+7/8        | 4+1/2          | 11.6            | 7,611         | 711          | 7,611         |            |

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. THREE WELLS TWINNED OFF OF THE EXISITING MOSER 1: MOSER PC G10-20D, G10-21D AND G10-24D.UNIT CONFIGURATION=T4N-R61W SEC 10: SENW, SWNE, 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: JAN KAJIWARA

Title: REGULATORY ANALYST Date: \_\_\_\_\_ Email: jkajiwara@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.

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**Attachment Check List**

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400097585   | 30 DAY NOTICE LETTER   |
| 400097586   | WELL LOCATION PLAT     |
| 400101225   | DEVIATED DRILLING PLAN |
| 400110663   | PROPOSED SPACING UNIT  |

Total Attach: 4 Files

**General Comments**

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)

**BMP**

| Type | Comment |
|------|---------|
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Total: 0 comment(s)