

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:

400062181

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286

Email: mclark@nobleenergyinc.com

7. Well Name: DONOVAN D Well Number: 02-30

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

9. Proposed Total Measured Depth: 7050

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 34 Twp: 4N Rng: 64W Meridian: 6

Latitude: 40.262180 Longitude: -104.528320

Footage at Surface: 155 FNL/FSL 183 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4696 13. County: WELD

14. GPS Data:

Date of Measurement: 03/04/2010 PDOP Reading: 2.8 Instrument Operator's Name: DAVID C HOLMES

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 155 ft

18. Distance to nearest property line: 155 ft 19. Distance to nearest well permitted/completed in the same formation: 738 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 | GWA |
| NIOBRARA | NBRR | 407-87 | 160 | GWA |

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 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):
SEE ATTACHED

25. Distance to Nearest Mineral Lease Line: 155 ft 26. Total Acres in Lease: 4737

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 SYSTEM

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 | 280 | 650 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,050 | 628 | 7,050 | |

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. UNIT CONFIGURATION = 3N-64W SEC 2: NWNW, SEC. 3: NENE & 4N-64W SEC. 34: SESE, SEC. 35: SWSW. OPERATOR REQUESTS APPROVAL OF AN EXCEPTION LOCATION TO RULE 318Aa, 318Ac. WAIVERS ATTACHED.

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: MARI CLARK

Title: REG. ANALYST II Date: 6/14/2010 Email: mclark@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: David S. Neslin Director of COGCC Date: 7/11/2010

API NUMBER

05 123 31847 00

Permit Number: _____ Expiration Date: 7/10/2012

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.

Rig height (ground to crown) cannot exceed 103 feet without a variance due to close proximity to overhead power line.

COGCC ENG COA- SME

1) Note surface casing setting depth change from 500' to 650'. Increase cement coverage accordingly and cement to surface.

2) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.

3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below to 200' above Sussex. Verify coverage with cement bond log.

4) If dry hole, 40 sks cement 50' above Niobrara top, 40 sks cement 50' above Sussex top, 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.

Rig height (ground to crown) cannot exceed 103 feet without a variance due to close proximity to overhead power line.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|-------------------------|----------------------|
| 1725974 | SURFACE CASING CHECK | LF@2499472 1725974 |
| 400062181 | FORM 2 SUBMITTED | LF@2490623 400062181 |
| 400069228 | WELL LOCATION PLAT | LF@2490624 400069228 |
| 400069229 | LEGAL/LEASE DESCRIPTION | LF@2490625 400069229 |
| 400069230 | 30 DAY NOTICE LETTER | LF@2490626 400069230 |
| 400069231 | EXCEPTION LOC REQUEST | LF@2490627 400069231 |
| 400069232 | EXCEPTION LOC WAIVERS | LF@2490628 400069232 |
| 400069233 | PROPOSED SPACING UNIT | LF@2490629 400069233 |

Total Attach: 8 Files