

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



| | | | |
|----|----|----|----|
| DE | ET | OE | ES |
|----|----|----|----|

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 ☐

Document Number:

400065899

Plugging Bond Surety

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286
Email: mclark@nobleenergyinc.com

7. Well Name: LAZY D NZ Well Number: 03-15HZ

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

9. Proposed Total Measured Depth: 14299

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 3 Twp: 11N Rng: 66W Meridian: 6

Latitude: 40.955610 Longitude: -104.770180

Footage at Surface: 550 FNL/FSL 555 FEL/FWL FWL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 6050 13. County: WELD

14. GPS Data:

Date of Measurement: 05/20/2010 PDOP Reading: 1.9 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 850 FNL 850 FWL 665 FSL 665 FEL 665 FEL
Sec: 3 Twp: 11N Rng: 66W Sec: 3 Twp: 11N Rng: 66W

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: 5281 ft

18. Distance to nearest property line: 550 ft 19. Distance to nearest well permitted/completed in the same formation: 5281 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 | UNSPACED | 640 | ALL |

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):
T11N, R66W, SECTION 3: S/2 & T11N, R66W, SECTION 3: N/2

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 640

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 | 9+5/8 | 36 | 2,420 | 350 | 2,420 | 0 |
| 1ST | 8+3/4 | 7+0/0 | 26 | 9,232 | 730 | 9,232 | |
| 1ST LINER | 6+1/8 | 4+1/2 | | | | | |

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. THE PRODUCTION LINER WILL BE HUNG OFF INSIDE 7" CASING. NOBLE ENERGY INTENDS TO DRILL ONLY 1 HORIZONTAL WELL IN THIS SECTION; EITHER THE PROPOSED LAZY DZN03-15HZ OR THE PROPOSED LAZY D ZN03-73HZ. NOBLE ENERGY OWNS 100% OF THE S/2 & N/2 LEASES. THE MINERAL OWNER IS THE SAME FOR THE S/2 & N/2.

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: 6/1/2010 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 G. Nesline Director of COGCC Date: 6/27/2010

Permit Number: _____ Expiration Date: 6/26/2012

API NUMBER

05 123 31810 00

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.

- 1) Note surface casing setting depth change from 1100' to 2420'. Increase cement coverage accordingly.
- 2) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us
- 3) Comply with Rule 317.i and provide cement coverage from bottom of casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) Run and submit Directional Survey from TD to base of surface casing. The operator shall comply with Rule 321, and it shall be the operator's responsibility to ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Attachment Check List

| Att Doc Num | Name | Doc Description |
|-------------|------------------------|----------------------|
| 400065899 | FORM 2 SUBMITTED | LF@2484462 400065899 |
| 400065904 | WELL LOCATION PLAT | LF@2484463 400065904 |
| 400065905 | 30 DAY NOTICE LETTER | LF@2484464 400065905 |
| 400065906 | DEVIATED DRILLING PLAN | LF@2484465 400065906 |

Total Attach: 4 Files