

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:

400007434

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)228-4286

Email: kshirley@nobleenergyinc.com

7. Well Name: HP FARMS D Well Number: 32-22D

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

9. Proposed Total Measured Depth: 7935

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 32 Twp: 3N Rng: 64W Meridian: 6

Latitude: 40.177635 Longitude: -104.569707

 Footage at Surface: 1126 FNL/FSL 1098 FEL/FWL
 FSL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4862 13. County: WELD

14. GPS Data:

Date of Measurement: 05/08/2009 PDOP Reading: 1.4 Instrument Operator's Name: John C Barickman

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
 2565 FNL 1320 FEL 2565 FNL 1320 FEL
 Sec: 32 Twp: 3N Rng: 64W Sec: 32 Twp: 3N 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: 2925 ft

18. Distance to nearest property line: 1098 ft 19. Distance to nearest well permitted/completed in the same formation: 874 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 | S/2NE/4, N/2SE/4 |
| J Sand | JSND | 232 | 320 | E/2 |
| Niobrara | NBRR | 407-87 | 160 | S/2NE/4, N/2SE/4 |

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):
T3N-R64W-Sec. 32: ALL and T2N-R64W-Sec. 6: ALL and Sec. 8: N/2

25. Distance to Nearest Mineral Lease Line: _____ 1320 ft _____ 26. Total Acres in Lease: _____ 1600 _____

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 | 700 | 292 | 700 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 7,935 | 760 | 7,935 | |

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

33. Comments NO CONDUCTOR CASING WILL BE USED. THIS WELL IS TWINNING THE EXISTING NORRIS D32-4J AND PROPOSED HP FARMS D 32-24D. 1ST STRING TOC=200' ABOVE NIOBRARA. PROPOSED 160-ACRE SPACING UNIT CONFIGURATION=S/2NE/4 AND N/2SE/4 OF SECTION 32-T6N-R64W.

34. Location ID: _____ 329472 _____

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: _____

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 |
|-------------|------------------------|--|
| 400025339 | WELL LOCATION PLAT | HP Farms D 32-22D_Plat.pdf |
| 400025341 | 30 DAY NOTICE LETTER | HP Farms D 32-22D_30 Day Letter.pdf |
| 400025342 | DEVIATED DRILLING PLAN | HP Farms D 32-22D_Directional Plan.pdf |
| 400025344 | PROPOSED SPACING UNIT | HP Farms D 32-22D_Rule 318Ae Package.pdf |

Total Attach: 4 Files