

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:

400104206

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: Susan Miller Phone: (303)228-4246 Fax: (303)228-4286

Email: smiller@nobleenergyinc.com

7. Well Name: UPRC Well Number: H17-99HZ

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

9. Proposed Total Measured Depth: 11751

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 16 Twp: 3N Rng: 65W Meridian: 6

Latitude: 40.221462 Longitude: -104.677201

 Footage at Surface: 1200 FNL/FSL 155 FEL/FWL
 FSL FWL

11. Field Name: Greeley Field Number: 32760

12. Ground Elevation: 4856 13. County: WELD

14. GPS Data:

Date of Measurement: 09/03/2010 PDOP Reading: 2.5 Instrument Operator's Name: John 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
 1172 FSL 543 FEL 1005 FSL 500 FWL
 Sec: 17 Twp: 3N Rng: 65W Sec: 17 Twp: 3N 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: 1240 ft

18. Distance to nearest property line: 155 ft 19. Distance to nearest well permitted/completed in the same formation: 771 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 | | 320 | S/2 |

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):

Noble Energy Inc certifies that the leases shall be committed to the unit. Please see the attached mineral lease description.

25. Distance to Nearest Mineral Lease Line: 500 ft 26. Total Acres in Lease: 5719

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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| CONDUCTOR | 18+1/2 | 16 | | 100 | 6 | 100 | 0 |
| SURF | 12+1/4 | 9+5/8 | 36 | 750 | 270 | 750 | 0 |
| 1ST | 8+3/4 | 7 | 26 | 7,462 | 660 | 7,462 | |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | | | | |

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

33. Comments First string top of cement will be 200' above the Niobrara formation. The production liner will be hung off inside the 7" casing. This is part of a 3-well, multi-well pad which includes: proposed UPRC H17-99HZ, Megan H16-99HZ and twining existing Megan H16-33 (as-built GPS sundry notice submitted for this well). 2A filed under Megan H16-99HZ, doc. no. 400104279.

34. Location ID: 310674

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: Susan Miller

Title: Regulatory Analyst II Date: _____ Email: smiller@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: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05

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 |
|-------------|-------------------------|
| 400104226 | 30 DAY NOTICE LETTER |
| 400104227 | EXCEPTION LOC WAIVERS |
| 400107708 | WELL LOCATION PLAT |
| 400107709 | DEVIATED DRILLING PLAN |
| 400107710 | EXCEPTION LOC REQUEST |
| 400107712 | PROPOSED SPACING UNIT |
| 400107714 | PROPOSED SPACING UNIT |
| 400110204 | LEGAL/LEASE DESCRIPTION |
| 400110205 | OTHER |

Total Attach: 9 Files