

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:

400104206

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: 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 feet ^{FNL/FSL} FSL 155 feet ^{FEL/FWL} 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} 1172 ^{FEL} FSL 543 ^{FEL} FEL ^{FNL/FSL} 1005 ^{FEL} FSL 500 ^{FEL} 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 | Wt/Ft | Csg/Line Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt 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 | | 11,751 | 0 | | |

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. Noble requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waiver attached.

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: 11/19/2010 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: David S. Nashin Director of COGCC Date: 12/16/2010

Permit Number: _____ Expiration Date: 12/15/2012

API NUMBER

05 123 32747 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) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bobrown@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. 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 |
|-------------|-------------------------|
| 2565668 | SURFACE CASING CHECK |
| 400104206 | FORM 2 SUBMITTED |
| 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 | PROPOSED SPACING UNIT |

Total Attach: 11 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|---|--------------------------|
| Permit | Surface Restoration Bond on file with SLB; per Tim Kelly | 11/22/2010 4:15:26 PM |
| Permit | E-mailed Tim Kelly at SLB for verification of Surface Restoration bond. | 11/22/2010 8:48:21 AM |

Total: 2 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
| | |

Total: 0 comment(s)