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Document Number:
 400200160
 PluggingBond SuretyID
 20030009

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL
 OIL GAS COALBED OTHER _____
 SINGLE ZONE MULTIPLE COMMINGLE

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: Justin Garrett Phone: (303)228-4449 Fax: (303)228-4286
 Email: JGGarrett@nobleenergyinc.com
 7. Well Name: Aspen State Well Number: V16-75HN
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 11836

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 16 Twp: 2N Rng: 67W Meridian: 6
 Latitude: 40.131870 Longitude: -104.898130
 Footage at Surface: 252 feet FSL 1995 feet FWL
 11. Field Name: Spindle Field Number: 77900
 12. Ground Elevation: 4990 13. County: WELD

14. GPS Data:
 Date of Measurement: 05/06/2011 PDOP Reading: 1.9 Instrument Operator's Name: Robert Daley

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 _____
728 FSL 2623 FEL 535 FNL 2603 FEL
 Sec: 16 Twp: 2N Rng: 67W Sec: 16 Twp: 2N Rng: 67W

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: 245 ft
 18. Distance to nearest property line: 222 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1180 ft

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 | 407-87 | 320 | 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#: _____
 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):

Noble Energy Inc. certifies that the lease(s) shall be committed to the unit. W/2 Sec 16 2N-67W.

25. Distance to Nearest Mineral Lease Line: 252 ft 26. Total Acres in Lease: 320

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? Yes No

31. Mud disposal: Offsite Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

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/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR | 16+0/0 | 15+0/0 | | 0 | 100 | 6 | 100 | 0 |
| SURF | 13+3/4 | 9+5/8 | 36 | 0 | 650 | 400 | 650 | 0 |
| 1ST | 8+3/4 | 7+0/0 | 26 | 0 | 7,856 | 910 | 7,856 | |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 7706 | 11,836 | | | |

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

33. Comments First String top of cement will be 200' above Niobrara formation. The production liner will be hung off inside 7" casing. Well is part of a two-well pad consisting of the proposed Abbey State V16-77HN (Doc #400200161) and Aspen State V16-75HN (Doc #400200160), multi-well plan attached. The production facilities will be built within the pad disturbance and dedicated to the pad being permitted. Unit Configuration = W/2E/2, E/2W/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: Justin Garrett

Title: Regulatory Specialist Date: 10/5/2011 Email: JGGarrett@nobleenergyinc.

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: 10/28/2011

API NUMBER
05 123 34633 00

Permit Number: _____ Expiration Date: 10/27/2013

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 Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us
- 2) Comply with Rule 317.i and provide cement coverage from end of 7" production casing to a minimum of 200' above Niobrara. 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 |
|-------------|------------------------|
| 400200160 | FORM 2 SUBMITTED |
| 400210542 | 30 DAY NOTICE LETTER |
| 400210544 | PLAT |
| 400210545 | DEVIATED DRILLING PLAN |
| 400210546 | MULTI-WELL PLAN |
| 400210547 | EXCEPTION LOC WAIVERS |
| 400210548 | EXCEPTION LOC REQUEST |
| 400210549 | PROPOSED SPACING UNIT |

Total Attach: 8 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------------|
| Permit | Final Review Completed. No LGD or public comment received. | 10/28/2011 11:17:37 AM |
| Permit | Operator 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. Request and waivers attached. | 10/28/2011 11:11:40 AM |
| Permit | Ok to pass pending public comment period 10/26/11. | 10/11/2011 2:16:38 PM |

Total: 3 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--|---|
| General Housekeeping | Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly. |
| Storm Water/Erosion Control | Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR- 038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation. |
| Material Handling and Spill Prevention | Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112. |

Total: 3 comment(s)