

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



Document Number:

400218474

Date Received:

03/08/2012

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286

Email: mclark@nobleenergyinc.com

7. Well Name: WELLS RANCH AA Well Number: 24-63HN

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

9. Proposed Total Measured Depth: 11149

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 24 Twp: 6N Rng: 63W Meridian: 6

Latitude: 40.466880 Longitude: -104.393790

Footage at Surface: 781 feet FSL 215 feet FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4830 13. County: WELD

14. GPS Data:

Date of Measurement: 09/30/2011 PDOP Reading: 1.9 Instrument Operator's Name: BRIAN BRINKMAN

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 \_\_\_\_\_  
1327 FSL 728 FWL 1320 FSL 535 FEL  
Sec: 24 Twp: 6N Rng: 63W Sec: 24 Twp: 6N Rng: 63W

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: 4432 ft

18. Distance to nearest property line: 215 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1448 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           | 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):

T6N, R63W, SEC. 24: ALL

25. Distance to Nearest Mineral Lease Line: 535 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 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: \_\_\_\_\_

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   | 18+1/2       | 16+0/0         |       | 0             | 100           | 6         | 100     | 0       |
| SURF        | 13+3/4       | 9+5/8          | 36    | 0             | 550           | 280       | 550     | 0       |
| 1ST         | 8+3/4        | 7+0/0          | 26    | 0             | 7,127         | 501       | 7,127   |         |
| 1ST LINER   | 6+1/8        | 4+1/2          | 11.3  | 6927          | 11,149        |           |         |         |

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

33. Comments 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. UNIT CONFIGURATION = S/2. WELL IS TO BE TWINNED WITH PROPOSED WELLS RANCH AA24-64-1HN, 24-64HN, 24-63-1HN, 24-65HN, 24-62-1HN, 24-65-1HN & 24-62HN CREATING AN 8 WELL PAD. NOBLE ENERGY INC. CERTIFIES THAT THE LEASES SHALL BE COMMITTED TO THE UNIT. THE PRODUCTION LINER WILL BE HUNG OFF INSIDE 7" CASING. PLEASE SEE LOCATION ID#427153 FOR APPROVED FACILITY 2A. Noble requests approval of Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Waiver and exception request attached.

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: 3/8/2012 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:  Director of COGCC Date: 3/29/2012

API NUMBER Permit Number: \_\_\_\_\_ Expiration Date: 3/28/2014

05 123 35331 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 48 hour notice of spud via Form 42.
- 2) Set at least 550' of surface casing. Cement to surface.
- 3) Provide cement coverage from base of intermediate casing to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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.

Operator must meet water well sampling requirements as per Rule 318A.

### **Attachment Check List**

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400218474   | FORM 2 SUBMITTED       |
| 400259469   | DIRECTIONAL DATA       |
| 400259488   | 30 DAY NOTICE LETTER   |
| 400259489   | DEVIATED DRILLING PLAN |
| 400259490   | EXCEPTION LOC REQUEST  |
| 400259491   | EXCEPTION LOC WAIVERS  |
| 400259493   | WELL LOCATION PLAT     |
| 400259494   | PROPOSED SPACING UNIT  |
| 400259495   | SURFACE AGRMT/SURETY   |

Total Attach: 9 Files

### **General Comments**

| <b><u>User Group</u></b> | <b><u>Comment</u></b>                                      | <b><u>Comment Date</u></b> |
|--------------------------|--|----------------------------|
| Permit                   | No LGD or public comment received; final review completed. | 3/29/2012<br>1:40:56 PM    |

Total: 1 comment(s)

### **BMP**

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

Total: 3 comment(s)