

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:  
400124456  
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: WILLMANN PC Well Number: G16-27D  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7372

**WELL LOCATION INFORMATION**

10. QtrQtr: NENE Sec: 16 Twp: 4N Rng: 65W Meridian: 6  
Latitude: 40.318130 Longitude: -104.660890  
Footage at Surface: 578 feet FNL 639 feet FEL  
11. Field Name: Wattenberg Field Number: 90750  
12. Ground Elevation: 4738 13. County: WELD

14. GPS Data:

Date of Measurement: 12/17/2010 PDOP Reading: 4.5 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 \_\_\_\_\_  
75 FNL 1320 FEL 75 FNL 1320 FEL  
Sec: 16 Twp: 4N Rng: 65W Sec: 16 Twp: 4N 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: 569 ft  
18. Distance to nearest property line: 578 ft 19. Distance to nearest well permitted/completed in the same formation: 698 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                           | GWA                                  |
| Niobrara               | NBRR           | 407-87                  | 160                           | GWA                                  |

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 79/4312  
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):  
T4N-R65W Section 16: E/2NE/4, W/2SW/4. Unit Configuration: Sec. 9: S/2SE/4, Sec. 16: N/2NE/4.  
25. Distance to Nearest Mineral Lease Line: 2 ft 26. Total Acres in Lease: 160

**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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| SURF        | 12+1/4       | 8+5/8          | 24    | 0             | 650           | 250       | 650     | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6  | 0             | 7,372         | 676       | 7,372   |         |

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
33. Comments Conductor casing won't be used for this well. 1st String TOC = 200 ft above Niobrara. This well is being added to an existing location and is twinning with the Willman H41-16. Production will go off location to an existing tank battery (doc #400124458). Unit Configuration: Sec. 9: S/2SE/4, Sec. 16: N/2NE/4.

34. Location ID: 322644  
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: 3/10/2011 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. Nesline Director of COGCC Date: 4/6/2011

**API NUMBER**  
05 123 33280 00  
Permit Number: \_\_\_\_\_ Expiration Date: 4/5/2013  
**CONDITIONS OF APPROVAL, IF ANY:**

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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.

Operator must meet water well testing requirements as per amended rule 318A.

- 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                   |
|-------------|------------------------|
| 400124456   | FORM 2 SUBMITTED       |
| 400130165   | 30 DAY NOTICE LETTER   |
| 400130167   | WELL LOCATION PLAT     |
| 400130170   | DEVIATED DRILLING PLAN |
| 400132114   | PROPOSED SPACING UNIT  |
| 400132115   | PROPOSED SPACING UNIT  |
| 400141390   | PROPOSED SPACING UNIT  |

Total Attach: 7 Files

### General Comments

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)

### BMP

| Type | Comment |
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