

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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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:  
400099890  
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: Justin Garrett Phone: (303)228-4449 Fax: (303)228-4286  
Email: JDGarrett@nobleenergyinc.com

7. Well Name: State-Tincup Well Number: 13-16

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

9. Proposed Total Measured Depth: 6840

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 16 Twp: 8N Rng: 59W Meridian: 6  
Latitude: 40.657090 Longitude: -103.987470

Footage at Surface: 860 feet FNL/FSL FSL 1020 feet FEL/FWL FWL

11. Field Name: Pommel Field Number: 69760

12. Ground Elevation: 4874 13. County: WELD

14. GPS Data:

Date of Measurement: 11/10/2009 PDOP Reading: 2.2 Instrument Operator's Name: Paul Tappy

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 \_\_\_\_\_

Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

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: 4400 ft

18. Distance to nearest property line: 860 ft 19. Distance to nearest well permitted/completed in the same formation: 2640

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           |                         | 40                            | SWSW                                 |
| Niobrara               | NBRR           |                         | 40                            | SWSW                                 |

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 96/4078-S

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 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):  
T8N-R59W-Sec 16: ALL

25. Distance to Nearest Mineral Lease Line: 860 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 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 |
|-------------|--------------|----------------|-----------------|---------------|--------------|---------------|------------|
| SURF        | 12+1/4       | 8+5/8          | 24              | 395           | 235          | 395           | 0          |
| 1ST         | 7+7/8        | 5+1/2          | 15.5            | 6,832         | 200          | 6,832         | 5,415      |

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

33. Comments A Form 2A is not required for this recompletion because no pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area.

34. Location ID: 330864

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: 10/13/2010 Email: JGarrett@nobleenergyinc.co

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. Neslin Director of COGCC Date: 11/27/2010

**API NUMBER**  
05 123 19793 00

Permit Number: \_\_\_\_\_ Expiration Date: 11/26/2012

**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.

COGCC ENG COA Prior to recompletion, operator must: 1) Provide 24 hour notice of MIRU to Colby Horton at 970-467-2517 or e-mail at colby.horton@state.co.us 2) Upon well recompletion operator shall file a COGCC Form 5A, Completion Interval Report.

### Attachment Check List

| Att Doc Num | Name             |
|-------------|------------------|
| 400099890   | FORM 2 SUBMITTED |
| 400099919   | OTHER            |
| 400099923   | WELLBORE DIAGRAM |

Total Attach: 3 Files

### General Comments

| <u>User Group</u> | <u>Comment</u>                                                            | <u>Comment Date</u>       |
|-------------------|---------------------------------------------------------------------------|---------------------------|
| Permit            | Received well bore diagram                                                | 11/11/2010<br>10:45:56 AM |
| Permit            | Need wellbore diagram                                                     | 11/11/2010<br>10:09:51 AM |
| Permit            | Further disturbance issue answered                                        | 11/11/2010<br>10:08:33 AM |
| Permit            | missing statement about the use of a pit and further surface disturbance. | 11/11/2010<br>9:57:47 AM  |

Total: 4 comment(s)

### BMP

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

Total: 0 comment(s)