

**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

Document Number:  
400247109

PluggingBond SuretyID  
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: JGGarrett@nobleenergyinc.com

7. Well Name: Alter      Well Number: C16-28DX

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

9. Proposed Total Measured Depth: 7276

**WELL LOCATION INFORMATION**

10. QtrQtr: SWSW      Sec: 9      Twp: 4N      Rng: 64W      Meridian: 6  
Latitude: 40.321190      Longitude: -104.562700

Footage at Surface:      557 feet      FSL      656 feet      FWL

11. Field Name: Wattenberg      Field Number: 90750

12. Ground Elevation: 4700      13. County: WELD

14. GPS Data:  
Date of Measurement: 05/18/2011      PDOP Reading: 1.2      Instrument Operator's Name: Kyle Rutz

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      FSL      2093      FWL      75      FSL      2093      FWL

Sec: 9      Twp: 4N      Rng: 64W      Sec: 9      Twp: 4N      Rng: 64W

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: 241 ft

18. Distance to nearest property line: 254 ft      19. Distance to nearest well permitted/completed in the same formation(BHL): 545 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.)
Codell	CODL	407-87	80	GWA
Niobrara	NBRR	407-87	80	GWA

21. Mineral Ownership:       Fee       State       Federal       Indian      Lease #: 81/6050-5

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):

T4N-R64W Sec 9: SE/4SW/4

25. Distance to Nearest Mineral Lease Line: 75 ft

26. Total Acres in Lease: 40

### 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	24	24	88.2	0	64		64	
SURF	12+1/2	8+5/8	24	0	757	296	757	0
1ST	7+7/8	4+1/2	11.6	0	7,276	583	7,276	

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

33. Comments The reason for unplanned sidetrack on the Alter C16-28D is that the Codell faulted out, verbal approval received to sidetrack was given by James Precup 1/28/2012 at 12:33 PM, because of faulting BHL will be moved 150' to the north and 457' to the west. Unit Configuration = SE/4SW/4 of Sec 9 & NW/4NE/4, of Sec 16. I have attached sidetrack procedure.

34. Location ID: 329316

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: 1/31/2012 Email: JDGarrett@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. Neslin Director of COGCC Date: 2/2/2012

**API NUMBER**  
05 123 34721 01

Permit Number: \_\_\_\_\_ Expiration Date: 2/1/2014

#### 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.

\_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400247109	FORM 2 SUBMITTED
400247113	PLAT
400247114	MULTI-WELL PLAN
400247115	DEVIATED DRILLING PLAN
400247123	OTHER
400247127	DIRECTIONAL DATA
400247256	SURFACE AGRMT/SURETY

Total Attach: 7 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Operator dilled the well to TD but the Codell was faltd out. Operator did a sidetrack	2/1/2012 8:08:50 AM
Permit	Spacing unit changed from original 160 to an 80 unit since the sidetrack did not go as far as the original planned bottomhole. per Justin Garrett. 2/1/2012	2/1/2012 7:59:45 AM
Permit	Returned to draft. Missing #23, 24, 25	1/31/2012 8:57:30 AM

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.
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.
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)