

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:

400027393

Plugging Bond Surety

20030009

3. Name of Operator: NOBLE ENERGY INC 4. COGCC Operator Number: 1003225. Address: 1625 BROADWAY STE 2200City: DENVER State: CO Zip: 802026. Contact Name: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4286Email: kshirley@nobleenergyinc.com7. Well Name: ARD C Well Number: 06-21D

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

9. Proposed Total Measured Depth: 7788

## WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 6 Twp: 4N Rng: 64W Meridian: 6Latitude: 40.342840 Longitude: -104.594990Footage at Surface: 2040 FNL/FSL FNL 1965 FEL/FWL FWL11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4814 13. County: WELD

## 14. GPS Data:

Date of Measurement: 07/08/2009 PDOP Reading: 1.4 Instrument Operator's Name: STEVEN A. LUND15. 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 \_\_\_\_\_

2547 FNL 2526 FEL 2547 FNL 2526 FELSec: 6 Twp: 4N Rng: 64W Sec: 6 Twp: 4N Rng: 64W16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 1500 ft18. Distance to nearest property line: 403 ft 19. Distance to nearest well permitted/completed in the same formation: 47 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	160	See Comments
NIOBRARA	NBRR	407	160	See Comments

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 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, R64W, SEC. 6: LOT 2 (NE/4NW/4), N/2N/2LOT3 (a/d/a N/2N/2NW/4), SE/4NW/4

25. Distance to Nearest Mineral Lease Line: 77 ft 26. Total Acres in Lease: 95

### 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: \_\_\_\_\_

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	500	212	500	0
1ST	7+7/8	4+1/2	11.6	7,788	723	7,788	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. THE CEMENT TOP FOR THE FIRST STRING WILL BE 200' ABOVE NIOBRARA. AS BUILT FOR EXISTING WELL HAS BEEN SUBMITTED (COBB 6-1). THIS WELL IS PART OF THE 2 WELL PAD BEING DRILLED WITH THE ARD C 06-20. UNIT CONFIGURATION IS SECTION 6: SWNE, SENW, NESW,NWSE.

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: KATE SHIRLEY

Title: REGULATORY SPECIALIST Date: \_\_\_\_\_ Email: kshirley@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: \_\_\_\_\_

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

API NUMBER

05

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	Doc Description
400030029	PROPOSED SPACING UNIT	2415-Sharp-5001N_20100119_141214.pdf
400030030	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20100119_141154.pdf
400030031	30 DAY NOTICE LETTER	2415-Sharp-5001N_20100119_141140.pdf
400030032	WELL LOCATION PLAT	2415-Sharp-5001N_20100119_141127.pdf

Total Attach: 4 Files