

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:

400026798

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286Email: mclark@nobleenergyinc.com7. Well Name: WARDELL H Well Number: 19-32D

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

9. Proposed Total Measured Depth: 8147

## WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 19 Twp: 3N Rng: 65W Meridian: 6Latitude: 40.208320 Longitude: -104.712410Footage at Surface: 1700 FNL/FSL FSL 930 FEL/FWL FWL11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4990 13. County: WELD

## 14. GPS Data:

Date of Measurement: 11/19/2009 PDOP Reading: 1.1 Instrument Operator's Name: MICHAEL CHAD DILKA15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**Footage at Top of Prod Zone: FNL/FSL 2550 FSL 75 FWL FWL Bottom Hole: FNL/FSL 2550 FSL 75 FWL FWLSec: 19 Twp: 3N Rng: 65W Sec: 19 Twp: 3N Rng: 65W16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 2230 ft18. Distance to nearest property line: 969 ft 19. Distance to nearest well permitted/completed in the same formation: 1008 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
J SAND	JSND	232-23	160	GWA
NIOBRARA	NBRR	407-87	160	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#: 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):  
W/2, SECTION 19-T3N-R65W

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 320

### 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	650	272	650	0
1ST	7+7/8	4+1/2	11.6	8,147	790	8,147	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. WELL IS TO BE TWINNED WITH EXISTING WARDELL H19-3J, PROPOSED CAMP H30-29D & WARDELL H19-33D. THE TANK BATTERY LOCATED @ THE PROPOSED DRILLSITE WILL BE REMOVED WHILE DRILLING & REPLACED ON THE SAME SURFACE FOOTPRINT AS PRIOR TO DRILLING. UNIT CONFIGURATION = SENE, NESE of SECTION 24, T3N-R66W AND THE SWNW, NWSW OF SECTION 19, T3N-65W.

34. Location ID: 317603

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: \_\_\_\_\_ 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: \_\_\_\_\_

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
400042585	WELL LOCATION PLAT	2415-Sharp-5001N_20100223_122627.pdf
400042586	30 DAY NOTICE LETTER	2415-Sharp-5001N_20100223_122640.pdf
400042587	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20100223_122654.pdf
400042589	PROPOSED BMPs	2415-Sharp-5001N_20100223_122711.pdf

Total Attach: 4 Files