

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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Document Number:

400089297

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: 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: GURTLER H Well Number: 24-99HZ

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

9. Proposed Total Measured Depth: 11166

## WELL LOCATION INFORMATION

10. QtrQtr: NESE Sec: 24 Twp: 3N Rng: 65W Meridian: 6Latitude: 40.208340 Longitude: -104.603610
 Footage at Surface: 1800  FSL  FNL/FSL 250  FEL  FEL/FWL
11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4788 13. County: WELD

## 14. GPS Data:

Date of Measurement: 08/11/2010 PDOP Reading: 2.8 Instrument Operator's Name: DAVID HOLMES15. 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/FWL1733  FSL 902  FEL 1320  FSL 460  FWLSec: 24 Twp: 3N Rng: 65W Sec: 24 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: 231 ft18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation: 690 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.)
NIOBRARA	NBRR		320	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#: \_\_\_\_\_

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):  
3N-65W-SECTION 24: S/2

25. Distance to Nearest Mineral Lease Line: 460 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: 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
CONDUCTOR	18+1/2	16+0/0		100	6	100	0
SURF	12+1/4	8+5/8	36	600	230	600	0
1ST	8+3/4	7+0/0	26	7,226	650	7,226	
1ST LINER	6+1/8	4+1/2	11.6	11,166		11,166	

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

33. Comments **1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. THE PRODUCTION LINER WILL BE HUNG OFF INSIDE 7" CASING. NOBLE IS AWARE OF RIG HEIGHT RESTRICTION & WILL USE A RIG OF APPROPRIATE HEIGHT.**

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: 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
400089301	WELL LOCATION PLAT	2415-Sharp-5001N_20100831_131728.pdf
400089302	30 DAY NOTICE LETTER	2415-Sharp-5001N_20100831_131743.pdf
400106070	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20101104_071758.pdf
400106071	SURFACE AGRMT/SURETY	2415-Sharp-5001N_20101104_071812.pdf
400106072	EXCEPTION LOC REQUEST	2415-Sharp-5001N_20101104_071829.pdf
400106073	EXCEPTION LOC WAIVERS	2415-Sharp-5001N_20101104_071844.pdf
400106074	PROPOSED SPACING UNIT	2415-Sharp-5001N_20101104_071856.pdf

Total Attach: 7 Files