

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

Refilling   
Sidetrack

Document Number:  
400059991  
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: Susan Miller Phone: (303)228-4246 Fax: (303)228-4286  
Email: smiller@nobleenergyinc.com

7. Well Name: HOUNDSKEEPER PC Well Number: H01-21D

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

9. Proposed Total Measured Depth: 7881

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 1 Twp: 3N Rng: 65W Meridian: 6  
Latitude: 40.254770 Longitude: -104.606960

Footage at Surface: 2447 FNL/FSL FNL 1252 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4870 13. County: WELD

14. GPS Data:

Date of Measurement: 04/22/2010 PDOP Reading: 1.6 Instrument Operator's Name: Lat40°, LLC

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2550 FSL 2470 FEL 2550 FSL 2470 FEL  
Sec: 1 Twp: 3N Rng: 65W Sec: 1 Twp: 3N Rng: 65W

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: 1252 ft

18. Distance to nearest property line: 172 ft 19. Distance to nearest well permitted/completed in the same formation: 2892 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#: \_\_\_\_\_

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):  
SEE ATTACHED. Township 3-North, Range 65-West, Section 1: SW/4NE/4

25. Distance to Nearest Mineral Lease Line: 104 ft 26. Total Acres in Lease: 5737

### 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	23	650	230	650	0
1ST	7+7/8	4+1/2	11.6	7,881	751	7,881	

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

33. Comments Conductor casing will not be used. First string top of cement will be 200' above the Niobrara formation. WELL IS TO BE TWINNED WITH EXISTING HOUNDSKEEPER H1-22. UNIT CONFIGURATION = SENW, SWNE, 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: Susan Miller

Title: Regulatory Analyst II Date: 7/12/2010 Email: smiller@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: David S. Nashin Director of COGCC Date: 8/6/2010

**API NUMBER**  
05 123 31965 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/5/2012

**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.

Engineering COA's:

- 1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bobrown@state.co.us.
- 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
2529277	PROPOSED SPACING UNIT	LF@2514340 2529277
400059991	FORM 2 SUBMITTED	LF@2505556 400059991
400067737	30 DAY NOTICE LETTER	LF@2505557 400067737
400067738	DEVIATED DRILLING PLAN	LF@2505558 400067738
400067739	WELL LOCATION PLAT	LF@2505559 400067739
400067741	PROPOSED SPACING UNIT	LF@2505560 400067741
400067844	PROPOSED SPACING UNIT	LF@2505561 400067844
400075836	LEGAL/LEASE DESCRIPTION	LF@2505562 400075836
400075838	SURFACE AGRMT/SURETY	LF@2505563 400075838

Total Attach: 9 Files