

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:  
400057781  
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: LDS Well Number: D08-28D

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

9. Proposed Total Measured Depth: 7234

WELL LOCATION INFORMATION

10. QtrQtr: SESW Sec: 5 Twp: 3N Rng: 64W Meridian: 6  
Latitude: 40.247680 Longitude: -104.579260

Footage at Surface: 189 FNL/FSL FSL 1362 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4753 13. County: WELD

14. GPS Data:

Date of Measurement: 04/09/2010 PDOP Reading: 1.6 Instrument Operator's Name: Robert Daley

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 \_\_\_\_\_  
150 FSL 2371 FWL 150 FSL 2371 FWL  
Sec: 5 Twp: 3N Rng: 64W Sec: 5 Twp: 3N 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: 175 ft

18. Distance to nearest property line: 189 19. Distance to nearest well permitted/completed in the same formation: 825 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
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):  
T3N R64W: Sec 5 SW/4

25. Distance to Nearest Mineral Lease Line: 150 ft 26. Total Acres in Lease: 160

### 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	24	650	230	650	0
1ST	7+7/8	4+1/2	11.6	7,234	656	7,234	

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

33. Comments No conductor casing will be used. 1st string top of cement will be 200' above the Niobrara formation. This location is part of a 4-well multi-well pad permit. See Form 2A document no. 400057777. The production facilities will be located on the same location an dedicated to the well location being permitted. Unit configuration: SW/4SE/4 and SE/4SW/4 of Section 5; NE/4NW/4 and NW/4NE/4 of Section 8. Operator requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waivers attached.

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: 7/13/2010 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. Neslin Director of COGCC Date: 8/13/2010

Permit Number: \_\_\_\_\_ Expiration Date: 8/12/2012

<b>API NUMBER</b>
05 123 31993 00

**CONDITIONS OF APPROVAL, IF ANY:**

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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.

At the time of initial drilling of the well, the wellhead shall be located a distance of one hundred fifty (150) feet or one and one-half (1-1/2) times the height of the derrick, whichever is greater, from any building unit, public road, major above ground utility line, or railroad.

COGCC ENG COA - SME

- 1) Provide 24 hr notice of spud to Bo Brown at 970-330-6085 or email at bo.brown@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below to 200' above Sussex. Verify coverage with cement bond log.
- 4) If dry hole, 40 sks cement 50' above Niobrara top, 40 sks cement 50' above Sussex top, 50 sks cement 1/2 out, 1/2 in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.
- 5) 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
400057781	FORM 2 SUBMITTED	LF@2506698 400057781
400066635	30 DAY NOTICE LETTER	LF@2506699 400066635
400066636	DEVIATED DRILLING PLAN	LF@2506700 400066636
400067562	WELL LOCATION PLAT	LF@2506701 400067562
400067567	EXCEPTION LOC WAIVERS	LF@2506702 400067567
400076310	EXCEPTION LOC REQUEST	LF@2506703 400076310
400076311	PROPOSED SPACING UNIT	LF@2506704 400076311
400076312	SURFACE AGRMT/SURETY	LF@2506705 400076312

Total Attach: 8 Files

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