

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:

400025130

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: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4280

Email: kshirley@nobleenergyinc.com

7. Well Name: SHERWOOD L Well Number: 30-32D

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 8268

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 30 Twp: 3N Rng: 66W Meridian: 6

Latitude: 40.200810 Longitude: -104.827130

Footage at Surface: 729 FNL/FSL FNL 822 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4820 13. County: WELD

14. GPS Data:

Date of Measurement: 06/04/2009 PDOP Reading: 2.1 Instrument Operator's Name: DAVID C. HOLMES

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

Footage at Top of Prod Zone: FNL/FSL 2555 FNL 75 FWL FWL Bottom Hole: FNL/FSL 2555 FNL 75 FWL FWL
Sec: 30 Twp: 3N Rng: 66W Sec: 30 Twp: 3N Rng: 66W

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: 338 ft

18. Distance to nearest property line: 94 ft 19. Distance to nearest well permitted/completed in the same formation: 900 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	SEE COMMENTS
JSAND	JSND	407	160	SEE COMMENTS
NIOBRARA	NBRR	407-87	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#: 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):
SEE ATTACHED LEASE

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 196

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	540	228	540	0
1ST	7+7/8	4+1/2	11.6	8,268	557	8,268	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. TOC=200' ABOVE THE NIOBRARA. THIS WELL WILL BE ON THE SAME PAD AS THE SHERWOOD L30-30D, SHERWOOD L30-28D, SHERWOOD L30-29D, AND THE SHERWOOD L30-31D. UNIT CONFIGURATION: SE/NE, NE/SE OF SECTION 25, T3N, R67W. SW/NW, NW/SW OF SECTION 30, T3N, R66W.

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: 12/29/2009 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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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
400025173	PROPOSED SPACING UNIT	2415-Sharp-5001N_20091229_155548.pdf
400025174	EXCEPTION LOC WAIVERS	2415-Sharp-5001N_20091229_155534.pdf
400025175	LEGAL/LEASE DESCRIPTION	2415-Sharp-5001N_20091229_155521.pdf
400025176	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20091229_155502.pdf
400025177	30 DAY NOTICE LETTER	2415-Sharp-5001N_20091229_155448.pdf
400025178	WELL LOCATION PLAT	2415-Sharp-5001N_20091229_155436.pdf
400025179	FORM 2 SUBMITTED	400025179.pdf

Total Attach: 7 Files