

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:

400012840

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286

Email: mclark@nobleenergyinc.com

7. Well Name: ALE W Well Number: 29-20D

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

9. Proposed Total Measured Depth: 8132

WELL LOCATION INFORMATION

10. QtrQtr: SENW Sec: 29 Twp: 2N Rng: 66W Meridian: 6

Latitude: 40.110750 Longitude: -104.802810

Footage at Surface: 2037 FNL/FSL FNL 2175 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4889 13. County: WELD

14. GPS Data:

Date of Measurement: 04/29/2009 PDOP Reading: 1.1 Instrument Operator's Name: STEVEN A LUND

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
 2562 FNL 1371 FWL 2562 FNL 1371 FWL
 Sec: 29 Twp: 2N Rng: 66W Sec: 29 Twp: 2N 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: 440 ft

18. Distance to nearest property line: 473 ft 19. Distance to nearest well permitted/completed in the same formation: 777 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):
SEE ATTACHED. UNIT CONFIGURATION = S/2NW/4 &N/2SW/4 SEC. 29, 2N, 66W.

25. Distance to Nearest Mineral Lease Line: 47 ft 26. Total Acres in Lease: 118

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	850	350	850	0
1ST	7+7/8	4+1/2	11.6	8,132	788	8,132	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. WELL IS TO BE TWINNED WITH SHIVERS W29-6D. AS DRILLED SUNDRY SUBMITTED. 1ST STRING CEMENT = 200' ABOVE NIOBRARA.

34. Location ID: 333205

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: _____

API NUMBER

05 123 28060 00

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
400020103	WELL LOCATION PLAT	2415-Sharp-5001N_20091204_075434.pdf
400020105	LEGAL/LEASE DESCRIPTION	2415-Sharp-5001N_20091204_075449.pdf
400020106	SURFACE AGRMT/SURETY	2415-Sharp-5001N_20091204_075516.pdf
400020107	30 DAY NOTICE LETTER	2415-Sharp-5001N_20091204_075532.pdf
400020108	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20091204_075553.pdf
400020109	PROPOSED SPACING UNIT	2415-Sharp-5001N_20091204_075623.pdf
400020110	EXCEPTION LOC REQUEST	2415-Sharp-5001N_20091204_080532.pdf
400020111	EXCEPTION LOC WAIVERS	2415-Sharp-5001N_20091204_080546.pdf

Total Attach: 8 Files