

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:

400008601

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: 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: BERRY P Well Number: 08-28D

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

9. Proposed Total Measured Depth: 7844

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 8 Twp: 3N Rng: 67W Meridian: 6

Latitude: 40.246530 Longitude: -104.915870

Footage at Surface: 427 FNL/FSL FNL 2067 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4819 13. County: WELD

14. GPS Data:

Date of Measurement: 07/29/2009 PDOP Reading: 2.5 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 100 FSL 2450 FEL FEL Bottom Hole: FNL/FSL 100 FSL 2450 FEL FEL
Sec: 5 Twp: 3N Rng: 67W Sec: 5 Twp: 3N Rng: 67W

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: 415 ft

18. Distance to nearest property line: 427 ft 19. Distance to nearest well permitted/completed in the same formation: 731 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 Bond ☐ \$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):
SE/4 SEC. 5 3N, 67W

25. Distance to Nearest Mineral Lease Line: _____ 100 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: _____

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	450	188	450	0
1ST	7+7/8	4+1/2	11.6	7,844	746	7,844	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. CEMENT TOP FOR 1ST STRING WILL BE 200' ABOVE NIOBRARA. WELL IS TO BE TWINNED WITH EXISTING BERRY 8-3L & PROPOSED BERRY P08-18D & BERRY P08-29D. AS DRILLED SUNDRY FOR BERRY 8-3L SUBMITTED. UNIT CONFIGURATION = SE/4SW/4, SW/4SE/4 Of Section 5 & the NE/4NW/4, NW/4NE/4 of Section 8

34. Location ID: _____ 329006

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 Date: 12/8/2009 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: David G. Neslin Director of COGCC Date: 1/28/2010

API NUMBER

05 123 31087 00

Permit Number: _____ Expiration Date: 1/27/2012

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.

1) Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us. 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. 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.

Location is outside the window; exception granted

Location is outside the window; exception granted

Attachment Check List

Att Doc Num	Name	Doc Description
1769759	SURFACE CASING CHECK	LF@2213974 1769759
400020594	WELL LOCATION PLAT	LF@2208194 400020594
400020595	30 DAY NOTICE LETTER	LF@2208195 400020595
400020596	SURFACE AGRMT/SURETY	LF@2208196 400020596
400020597	DEVIATED DRILLING PLAN	LF@2208197 400020597
400020598	EXCEPTION LOC REQUEST	LF@2208198 400020598
400020599	EXCEPTION LOC WAIVERS	LF@2208199 400020599
400020600	PROPOSED SPACING UNIT	LF@2208200 400020600
400020616	FORM 2 SUBMITTED	LF@2208201 400020616
400020755	EXCEPTION LOC REQUEST	LF@2208222 400020755
400020760	EXCEPTION LOC WAIVERS	LF@2208223 400020760

Total Attach: 11 Files