

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:

400083656

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: Weidenkeller PC Well Number: G01-30D

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

9. Proposed Total Measured Depth: 7694

WELL LOCATION INFORMATION

10. QtrQtr: Lot 3 Sec: 1 Twp: 4N Rng: 65W Meridian: 6

Latitude: 40.345970 Longitude: -104.613800

Footage at Surface: 900 FNL/FSL FNL 1972 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4752 13. County: WELD

14. GPS Data:

Date of Measurement: 06/04/2010 PDOP Reading: 2.6 Instrument Operator's Name: Michael Chad Dilka

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

Footage at Top of Prod Zone: FNL/FSL 75 FNL 75 FEL 75 FEL 75
Bottom Hole: FNL/FSL 75 FNL 75 FEL 75 FEL 75
Sec: 2 Twp: 4N Rng: 65W Sec: 2 Twp: 4N 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: 730 ft

18. Distance to nearest property line: 144 ft 19. Distance to nearest well permitted/completed in the same formation: 847 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 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):
T4N-R65W Section 2: all

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 80

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	7,694	724	7,694	

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. This is part of a 7-well, multi-well pad permit which includes the following wells: Weidenkeller PC G01-30D (reference well), G01-29D, G01-28D, G01-27D, G01-31D, G01-20D and G01-21D. Operator requests approval of Rule 603.a.(2) exception location for well location 144' from nearest property line, request letter and signed waiver attached. Unit Configuration: T4N-R65W Section 1: NW/4NW/4; Section 2: NE/4NE/4, T5N-R65W Section 35: SE/4/SE/4; Section 36: SW/4SW/4. 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.

34. Location ID: 323081

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: 10/13/2010 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. Nesline Director of COGCC Date: 11/4/2010

Permit Number: _____ Expiration Date: 11/3/2012

API NUMBER

05 123 32507 00

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 970-330-6085 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
2512823	SURFACE CASING CHECK	LF@2610909 2512823
400083656	FORM 2 SUBMITTED	LF@2601767 400083656
400083666	30 DAY NOTICE LETTER	LF@2601768 400083666
400091469	WELL LOCATION PLAT	LF@2601769 400091469
400091471	DEVIATED DRILLING PLAN	LF@2601770 400091471
400091485	PROPOSED SPACING UNIT	LF@2601771 400091485
400091486	PROPOSED SPACING UNIT	LF@2601772 400091486
400091487	EXCEPTION LOC WAIVERS	LF@2601773 400091487
400091488	EXCEPTION LOC REQUEST	LF@2601774 400091488
400099771	EXCEPTION LOC REQUEST	LF@2601775 400099771
400099772	EXCEPTION LOC WAIVERS	LF@2601776 400099772
400099773	PROPOSED SPACING UNIT	LF@2601777 400099773
400099840	SURFACE AGRMT/SURETY	LF@2601778 400099840

Total Attach: 13 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Updated right to construct	10/20/2010 10:46:00 AM
Permit	On Hold The surface owner may not be the mineral owner	10/20/2010 9:04:18 AM

Total: 2 comment(s)

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