

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:

400066430

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: DECHANT STATE Well Number: H36-20D

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

9. Proposed Total Measured Depth: 7879

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 36 Twp: 3N Rng: 65W Meridian: 6

Latitude: 40.180170 Longitude: -104.620080

Footage at Surface: 2139 FNL/FSL FSL 475 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4831 13. County: WELD

14. GPS Data:

Date of Measurement: 04/15/2010 PDOP Reading: 1.3 Instrument Operator's Name: BRIAN BRINKMAN

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

Footage at Top of Prod Zone: FNL/FSL 2550 FSL 1320 FEL/FWL FWL Bottom Hole: FNL/FSL 2550 FSL 1320 FEL/FWL FWL
Sec: 36 Twp: 3N Rng: 65W Sec: 36 Twp: 3N 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: 4775 ft

18. Distance to nearest property line: 475 ft 19. Distance to nearest well permitted/completed in the same formation: 970 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	320	GWA
NIOBRARA	NBRR	407-87	160	GWA

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 70/7900-S

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 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):
T3N-R65W Section 36: W/2

25. Distance to Nearest Mineral Lease Line: 1291 ft 26. Total Acres in Lease: 320

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	700	250	700	0
1ST	7+7/8	4+1/2	11.6	7,879	751	7,879	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. UNIT CONFIGURATION = CD-NB - Section 36: S/2NW/4, N/2SW/4; J Sand - Section 36: W/2. WELL IS TO BE TWINNED WITH EXISTING SPIKE STATE H36-12 (straight hole) & PROPOSED DECHANT STATE H 36-32D. An as-built GPS sundry notice submitted for the Spike State H36-12 well.

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: REG. ANALYST II Date: 10/11/2010 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 G. Neslin Director of COGCC Date: 11/12/2010

API NUMBER

05 123 32544 00

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

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 970-330-6085 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
2512831	SURFACE CASING CHECK	LF@2610107 2512831
2529863	WELL LOCATION PLAT	LF@2615479 2529863
2529864	DEVIATED DRILLING PLAN	LF@2615481 2529864
400066430	FORM 2 SUBMITTED	LF@2601697 400066430
400071957	30 DAY NOTICE LETTER	LF@2601698 400071957
400071964	WELL LOCATION PLAT	LF@2601699 400071964
400071965	DEVIATED DRILLING PLAN	LF@2601700 400071965
400084103	PROPOSED SPACING UNIT	LF@2601701 400084103
400084104	PROPOSED SPACING UNIT	LF@2601702 400084104
400084105	PROPOSED SPACING UNIT	LF@2601703 400084105

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well moved to sw/4	11/11/2010 2:24:45 PM
Permit	Surface Restoration Bond on file with SLB; per Tim Kelly	11/4/2010 8:14:46 AM
Permit	Well on Hold because 10 completions in qtr section. Weel will be moved.	10/26/2010 3:04:40 PM
Permit	E-mailed Tim Kelly at SLB for verification of Surface Restoration bond.	10/20/2010 6:01:04 AM
Permit	Opr corrected bond. kk	10/13/2010 4:33:59 PM
Permit	Back to draft for plugging bonod correction. kk	10/12/2010 4:24:26 PM

Total: 6 comment(s)

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