

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:

400067703

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: Susan Miller Phone: (303)228-4246 Fax: (303)228-4286
Email: smiller@nobleenergyinc.com
7. Well Name: DECHANT STATE Well Number: H36-21D
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 7836

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 36 Twp: 3N Rng: 65W Meridian: 6
Latitude: 40.179720 Longitude: -104.614900
Footage at Surface: 1969 FSL 1922 FWL
11. Field Name: Wattenberg Field Number: 90750
12. Ground Elevation: 4819 13. County: WELD

14. GPS Data:
- Date of Measurement: 04/15/2010 PDOP Reading: 2.1 Instrument Operator's Name: Brian Brinkman

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

Footage at Top of Prod Zone:				Bottom Hole:			
FNL/FSL		FEL/FWL		FNL/FSL		FEL/FWL	
<u>2500</u>	<u>FSL</u>	<u>2500</u>	<u>FWL</u>	<u>2500</u>	<u>FSL</u>	<u>2500</u>	<u>FWL</u>
Sec: <u>36</u>	Twp: <u>3N</u>	Rng: <u>65W</u>		Sec: <u>36</u>	Twp: <u>3N</u>	Rng: <u>65W</u>	

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: 3219 ft
18. Distance to nearest property line: 1922 ft 19. Distance to nearest well permitted/completed in the same formation: 860 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 #: 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: All.

25. Distance to Nearest Mineral Lease Line: 2500 26. Total Acres in Lease: 640

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	750	270	750	0
1ST	7+7/8	4+1/2	11.6	7,836	745	7,836	

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 well is part of a 2-well, multi-well pad which includes: proposed Dechant State H36-11 (reference well) and Dechant State H36-21D. See 2A document no. 400067655 filed under Dechant State H36-11. Unit Configuration: SWNE, SENW, NESW, NWSE.

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: Regulatory 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 32543 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
2512836	SURFACE CASING CHECK	LF@2610104 2512836
2529866	DEVIATED DRILLING PLAN	LF@2615625 2529866
2529867	WELL LOCATION PLAT	LF@2615622 2529867
400067703	FORM 2 SUBMITTED	LF@2601062 400067703
400072233	30 DAY NOTICE LETTER	LF@2601063 400072233
400090343	PROPOSED SPACING UNIT	LF@2601064 400090343
400090345	PROPOSED SPACING UNIT	LF@2601065 400090345
400090346	WELL LOCATION PLAT	LF@2601066 400090346
400090347	DEVIATED DRILLING PLAN	LF@2601067 400090347
400099459	PROPOSED SPACING UNIT	LF@2601068 400099459

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 2:26:44 PM
Permit	Surface Restoration Bond on file with SLB; per Tim Kelly	11/4/2010 8:15:38 AM
Permit	10 completions in the qtr section. Well BH will be moved.	10/26/2010 3:02:07 PM

Total: 3 comment(s)

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