

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:

400026801

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: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4286

Email: kshirley@nobleenergyinc.com

7. Well Name: HANSCOME G Well Number: 11-30D

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

9. Proposed Total Measured Depth: 7626

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 11 Twp: 4N Rng: 65W Meridian: 6

Latitude: 40.330870 Longitude: -104.634470

Footage at Surface: 1232 FNL/FSL FNL 1493 FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4675 13. County: WELD

14. GPS Data:

Date of Measurement: 08/20/2009 PDOP Reading: 2.7 Instrument Operator's Name: David C. Holmes

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

Footage at Top of Prod Zone: FNL/FSL 75 FSL 75 FEL 75 FEL 75
Bottom Hole: FNL/FSL 75 FSL 75 FEL 75 FEL 75
Sec: 3 Twp: 4N Rng: 65W Sec: 3 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: 960 ft

18. Distance to nearest property line: 1232 ft 19. Distance to nearest well permitted/completed in the same formation: 761 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#: 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):
See Oil and Gas Lease attached

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 1460

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 system

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	276	650	0
1ST	7+7/8	4+1/2	11.6#	7,626	603	7,626	

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

33. Comments THIS WELL IS ON A MULTI-WELL PAD WITH THE PROPOSED HANSCOME G11-29D. VARIANCE REQUEST TO RULE 318A.c. (DIRECTOR LETTER AND WAIVER ATTACHED). NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOC=200' ABOVE NIOBRARA. PROPOSED RULE 318A.e. 160-ACRE SPACING UNIT CONFIGURATION=SESE OF SEC 3, SWSW OF SEC 2, NWNW OF SEC 11 AND NENE OF SEC. 10-T4N-R65W.

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: KATE SHIRLEY

Title: REGULATORY SPECIALIST Date: 1/8/2010 Email: kshirley@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: 2/11/2010

API NUMBER

05 123 31151 00

Permit Number: _____ Expiration Date: 2/10/2012

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.

Location is more than 50 feet from an existing well in the same window; exception granted

Attachment Check List

Att Doc Num	Name	Doc Description
2098993	SURFACE CASING CHECK	LF@2241767 2098993.00000
400026817	WELL LOCATION PLAT	LF@2214296 400026817
400026820	30 DAY NOTICE LETTER	LF@2214297 400026820
400026821	OIL & GAS LEASE	LF@2214298 400026821
400026830	EXCEPTION LOC WAIVERS	LF@2214299 400026830
400026847	PROPOSED SPACING UNIT	LF@2214300 400026847
400026848	EXCEPTION LOC REQUEST	LF@2214301 400026848
400027443	DEVIATED DRILLING PLAN	LF@2214302 400027443
400027444	FORM 2 SUBMITTED	LF@2214303 400027444

Total Attach: 9 Files