

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:

400066674

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: JAN KAJIWARA Phone: (303)228-4092 Fax: (303)228-4286

Email: jkajiwara@nobleenergyinc.com

7. Well Name: SMITH PC D Well Number: 06-20D

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

9. Proposed Total Measured Depth: 7351

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 6 Twp: 3N Rng: 64W Meridian: 6

Latitude: 40.253960 Longitude: -104.594120

 Footage at Surface: 2519 FNL/FSL 2333 FEL/FWL
 FSL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4823 13. County: WELD

14. GPS Data:

Date of Measurement: 04/29/2010 PDOP Reading: 1.2 Instrument Operator's Name: ROBERT DALEY

15. If well is ☒ Directional ☐ Horizontal (highly deviated) submit deviated drilling plan.
 Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL
 2550 FSL 1320 FWL 2550 FSL 1320 FWL
 Sec: 6 Twp: 3N Rng: 64W Sec: 6 Twp: 3N Rng: 64W
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: 570 ft

18. Distance to nearest property line: 125 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	see comments
NIOBRARA	NBRR	407-87	160	see comments

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 Bon ☐ \$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):
Sec 6 T3N R64W: 2 (NE/4NW/4), 3 (W/2NW/4), 4 (W/2SW/4), SE/4NW/4 & E/2SW/4

25. Distance to Nearest Mineral Lease Line: _____ 125 ft _____ 26. Total Acres in Lease: _____ 300 _____

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	230	650	0
1ST	7+7/8	4+1/2	11.6	7,351	673	7,351	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. TOC=200' ABOVE THE NIOBRARA. Unit configuration=S/2NW/4, N/2SW/4 Section 6. Location is part of a 4 well pad consisting of: Hoff PC D06-21, Amen PC (doc. 400066668), Smith D06-20D (doc. 400066674) and Shelton D06-30 (doc. 400066748). Well 2A doc. 400066502. Facility doc. 400066503.

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: JAN KAJIWARA

Title: REGULATORY ANALYST Date: 9/8/2010 Email: jkajiwara@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: _____ Director of COGCC _____ Date: _____

Permit Number: _____ Expiration Date: _____

API NUMBER

05

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.

Attachment Check List

Att Doc Num	Name	Doc Description
400066674	FORM 2 SUBMITTED	LF@2539195 400066674
400066956	30 DAY NOTICE LETTER	LF@2539196 400066956
400089776	EXCEPTION LOC WAIVERS	LF@2539197 400089776
400089777	EXCEPTION LOC REQUEST	LF@2539198 400089777
400089779	SURFACE AGRMT/SURETY	LF@2539199 400089779
400090944	DEVIATED DRILLING PLAN	LF@2539200 400090944
400090945	PROPOSED SPACING UNIT	LF@2539201 400090945
400092026	PLAT	Smith PC D06-20D location plat.pdf
400092131	DEVIATED DRILLING PLAN	Deviated Drilling.pdf
400092136	PROPOSED SPACING UNIT	Spacing Unit.pdf

Total Attach: 10 Files