

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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Document Number:

1758206

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: MARICLARK Phone: (303)228-4413 Fax: (303)228-4286

Email: MCLARK@NOBLEENERGYINC.COM

7. Well Name: HERBSTER F Well Number: 35-27

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

9. Proposed Total Measured Depth: 7300

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 26 Twp: 5N Rng: 65W Meridian: 6

Latitude: 40.364130 Longitude: -104.626340

Footage at Surface: 411 FNL/FSL FSL FEL/FWL 1491 FEL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4650 13. County: WELD

14. GPS Data:

Date of Measurement: 05/19/2009 PDOP Reading: 1.8 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 _____ FEL/FWL _____ Bottom Hole: FNL/FSL _____ FEL/FWL _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 174

18. Distance to nearest property line: 150 19. Distance to nearest well permitted/completed in the same formation: 744

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 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):
SEE ATTACHMENT.

25. Distance to Nearest Mineral Lease Line: _____ 411 _____ 26. Total Acres in Lease: _____ 92 _____

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: _____

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	550	232	550	0
1ST	7+7/8	4+1/2	11.6	7,300	666	7,300	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. EXCEPTION LOCATION RULE 318Ac, 318Aa

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: MARI CLARK

Title: REGULATORY ANALYST Date: 7/31/2009 Email: MCLARK@NOBLEENERGYIN

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. Neslin Director of COGCC Date: 10/18/2009

API NUMBER

05 123 30703 00

Permit Number: _____ Expiration Date: 10/17/2010

CONDITIONS OF APPROVAL, IF ANY:

Condition of Approval

Comment

Agency

1) Provide 24 hour notice of MIRU to Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.

LOCATION IS IN A SENSITIVE AREA DUE TO SHALLOW GROUNDWATER; THEREFORE, EITHER A LINED DRILLING PIT OR CLOSED LOOP SYSTEM IS REQUIRED

EXCEPTION LOCATION TO RULE 318Aa, 318Ac. - WAIVERS IN SUA.

MAST SHALL BE LESS THAN 116' TO MEET 174' SETBACK FROM OVERHEAD POWERLINE PER CONVERSATION WITH OPERATOR.

Attachment Check List

Att Doc Num	Name	Doc Description
1303061	SURFACE AGRMT/SURETY	LF@2116924 1303061
1303062	SURFACE AGRMT/SURETY	LF@2116922 1303062
1758206	APD ORIGINAL	LF@2115690 1758206
1758207	WELL LOCATION PLAT	LF@2116841 1758207
1758208	LEGAL/LEASE DESCRIPTION	LF@2116843 1758208
1758209	SURFACE AGRMT/SURETY	LF@2116845 1758209
1758210	30 DAY NOTICE LETTER	LF@2116847 1758210
1758211	EXCEPTION LOC REQUEST	LF@2116849 1758211
1758212	EXCEPTION LOC WAIVERS	LF@2116851 1758212
1758213	PROPOSED SPACING UNIT	LF@2116853 1758213
1940484	SURFACE CASING CHECK	LF@2138448 1940484

Total Attach: 11 Files