

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:

1691417

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: GLOVER V Well Number: 12-18D

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

9. Proposed Total Measured Depth: 7535

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 12 Twp: 2N Rng: 67W Meridian: 6

Latitude: 40.157790 Longitude: -104.836220

Footage at Surface: 616 FNL/FSL FNL 1822 FEL/FWL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4836 13. County: WELD

14. GPS Data:

Date of Measurement: 09/03/2008 PDOP Reading: 2.5 Instrument Operator's Name: STEVEN A. LUND

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

Footage at Top of Prod Zone: FNL/FSL 1265 FNL 2546 FEL FEL Bottom Hole: FNL/FSL 1265 FNL 2546 FEL FEL  
Sec: 12 Twp: 2N Rng: 67W Sec: 12 Twp: 2N Rng: 67W

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: 400

18. Distance to nearest property line: 445 19. Distance to nearest well permitted/completed in the same formation: 621

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):  
T2N, R67W, SEC 12: W/2NE/4 & NW/4

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 1235 \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 240 \_\_\_\_\_

### 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	730	305	730	0
1ST	7+7/8	4+1/2	11.6	7,535	614	7,535	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. WELL WILL BE TWINNED WITH EXISTING KUIPERS V 12-2 & PLANNED GLOVER V 12-27D

34. Location ID: \_\_\_\_\_ 329579 \_\_\_\_\_

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 II Date: 6/29/2009 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: 9/28/2009

#### API NUMBER

05 123 30624 00

Permit Number: \_\_\_\_\_ Expiration Date: 9/27/2010

CONDITIONS OF APPROVAL, IF ANY:

### **Condition of Approval**

Comment

Agency

1) Provide 24 hour notice of MIRU to Jim Precup at 303-469-1902 or e-mail at james.precup@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.

This location has been determined to be a sensitive area because of depth to groundwater; therefore, a closed loop system or lining the drilling pit is required.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1302589	SURFACE AGRMT/SURETY	LF@2091058 1302589
1491422	EXCEPTION LOC REQUEST	LF@2091004 1491422
1691417	APD ORIG & 1 COPY	LF@2090996 1691417
1691418	WELL LOCATION PLAT	LF@2091000 1691418
1691419	SURFACE AGRMT/SURETY	LF@2091002 1691419
1691420	30 DAY NOTICE LETTER	LF@2090998 1691420
1691421	DEVIATED DRILLING PLAN	LF@2091010 1691421
1691423	EXCEPTION LOC WAIVERS	LF@2091006 1691423
1691424	PROPOSED SPACING UNIT	LF@2091008 1691424
1691822	PROPOSED SPACING UNIT	LF@2091008 1691822

Total Attach: 10 Files