

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400003806

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: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4280

Email: kshirley@nobleenergyinc.com

7. Well Name: Horse Iron P Well Number: 21-21D

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

9. Proposed Total Measured Depth: 7988

## WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 21 Twp: 3N Rng: 67W Meridian: 6

Latitude: 40.211730 Longitude: -104.889590

 Footage at Surface: 2470 FNL/FSL 1001 FEL/FWL  
 FNL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4789 13. County: WELD

## 14. GPS Data:

Date of Measurement: 03/05/2009 PDOP Reading: 2.3 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
 2454 FSL 2522 FEL 2454 FSL 2522 FEL  
 Sec: 21 Twp: 3N Rng: 67W Sec: 21 Twp: 3N 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: 222 19. Distance to nearest well permitted/completed in the same formation: 763

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 #: \_\_\_\_\_

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 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 attached description

25. Distance to Nearest Mineral Lease Line: 75 26. Total Acres in Lease: 211

### 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	500	208	500	0
1ST	7+7/8	4+1/2	11.6	7,988	516	7,988	

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

33. Comments The production casing top of cement will be 200' above the Niobrara. The Unit Configuration for the Codell, Niobrara, and the J-Sand is Sec. 21: SWNE,SENE,NESW,NWSE. No conductor casing will be used. Pad well information: Horse Iron P22-31D, Horse Iron P22-32D, Horse Iron P21-27D, Horse Iron P22-33D

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: 9/21/2009 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400006042	WELL LOCATION PLAT	2415-Sharp-5001N_20090921_134716.pdf
400006043	LEGAL/LEASE DESCRIPTION	2415-Sharp-5001N_20090921_134739.pdf
400006044	30 DAY NOTICE LETTER	2415-Sharp-5001N_20090921_134751.pdf
400006045	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20090921_134804.pdf
400006046	PROPOSED SPACING UNIT	2415-Sharp-5001N_20090921_134822.pdf
400006047	EXCEPTION LOC REQUEST	2415-Sharp-5001N_20090921_134837.pdf

Total Attach: 6 Files