

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:

400088795

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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286

Email: mclark@nobleenergyinc.com

7. Well Name: FIVE RIVERS K Well Number: 08-17D

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

9. Proposed Total Measured Depth: 8067

## WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 8 Twp: 4N Rng: 66W Meridian: 6

Latitude: 40.328080 Longitude: -104.794570

 Footage at Surface: 2049 FNL/FSL 473 FEL/FWL  
 FNL FEL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4698 13. County: WELD

## 14. GPS Data:

Date of Measurement: 06/01/2010 PDOP Reading: 1.9 Instrument Operator's Name: MICHAEL DILKA

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  
 1320 FNL 1320 FEL 1320 FNL 1320 FEL  
 Sec: 8 Twp: 4N Rng: 66W Sec: 8 Twp: 4N Rng: 66W
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: 1467 ft

18. Distance to nearest property line: 473 ft 19. Distance to nearest well permitted/completed in the same formation: 909 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	NE/4
J SAND	JSND	232-23	230	N/2
NIOBRARA	NBRR	407-87	160	NE/4

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):  
PLEASE SEE ATTACHMENT

25. Distance to Nearest Mineral Lease Line: 60 ft 26. Total Acres in Lease: 267

### 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

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	570	240	570	0
1ST	7+7/8	4+1/2	11.6	8,067	779	8,067	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. . WELL IS TO BE PART OF A MULTI-WELL PAD CONSISTING OF EXISTING MONFORT GILCREST K8-8 (AS DRILLED SUNDRY SUBMITTED), PROPOSED FIVE RIVERS K08-17D, K08-22D, & K08-07D CREATING A 4 WELL PAD. "SENSITIVE AREA DATA" RELATING TO ENVIRONMENTAL BALD EAGLE WINTER NIGHT ROOST REPORT SUBMITTED WITH FORM 2A DOCUMENT #400088796. NOBLE WILL DRILL BETWEEN MARCH 15TH & NOVEMBER 15TH.

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: REG. ANALYST II Date: \_\_\_\_\_ Email: mclark@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
400091167	WELL LOCATION PLAT	2415-Sharp-5001N_20100908_134504.pdf
400091168	30 DAY NOTICE LETTER	2415-Sharp-5001N_20100908_134529.pdf
400103141	LEGAL/LEASE DESCRIPTION	2415-Sharp-5001N_20101025_093151.pdf
400103142	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20101025_093205.pdf

Total Attach: 4 Files