

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:

400068486

Plugging Bond Surety

20030009

3. Name of Operator: NOBLE ENERGY INC 4. COGCC Operator Number: 1003225. Address: 1625 BROADWAY STE 2200City: DENVER State: CO Zip: 802026. Contact Name: Susan Miller Phone: (303)228-4246 Fax: (303)228-4286Email: smiller@nobleenergyinc.com7. Well Name: FIVE RIVERS Well Number: K15-31D

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

9. Proposed Total Measured Depth: 7558

## WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 16 Twp: 4N Rng: 66W Meridian: 6Latitude: 40.318270 Longitude: -104.774130Footage at Surface: 240 FNL/FSL FNL 246 FEL/FWL FEL11. Field Name: Hambert Field Number: 3353012. Ground Elevation: 4730 13. County: WELD

## 14. GPS Data:

Date of Measurement: 05/03/2010 PDOP Reading: 1.2 Instrument Operator's Name: Michael Chad Dilka15. 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 75 FEL 1320 FNL 75 FEL  
Sec: 16 Twp: 4N Rng: 66W Sec: 16 Twp: 4N Rng: 66W16. Is location in a high density area? (Rule 603b)?  Yes  No17. Distance to the nearest building, public road, above ground utility or railroad: 202 ft18. Distance to nearest property line: 240 ft 19. Distance to nearest well permitted/completed in the same formation: 917 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#: 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):  
T4N-R66W Section 16: E/2NE/4.

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 80

### 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	580	244	580	0
1ST	7+7/8	4+1/2	11.6	7,558	704	7,558	

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

33. Comments Conductor casing will not be used. First string top of cement will be 200' above the Niobrara formation. This well is part of a 2-well, multi-well pad permit which includes Five Rivers K15-30D (reference well) and Five Rivers K15-31D. 2A filed under Five Rivers K15-30D, document no. 400068472. See form 2A document no. 400054939 for production facility (already submitted to COGCC). Unit Configuration: T4N-R66W, W/2NW/4 Section 15; E/2NE/4 Section 16.

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: Susan Miller

Title: Regulatory Analyst II Date: \_\_\_\_\_ Email: smiller@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
400068514	30 DAY NOTICE LETTER	30 day notice.pdf
400068515	EXCEPTION LOC WAIVERS	Aa, Ae, Ac Waiver.pdf
400088915	PROPOSED SPACING UNIT	318Ae Spacing Unit Map.pdf
400088916	PROPOSED SPACING UNIT	318Ae Spacing Unit Plat.pdf
400088917	WELL LOCATION PLAT	Approved Plat.pdf
400088918	DEVIATED DRILLING PLAN	Dir Drilling Plan.pdf
400088919	EXCEPTION LOC REQUEST	Aa, Ae, Ac Request Ltr.pdf
400097987	OTHER	318Ae 20 Day Certif Ltr.pdf

Total Attach: 8 Files