

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:

400053874

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: Cheryl Johnson Phone: (303)228-4437 Fax: (303)228-4286  
Email: cheryljohnson@nobleenergyinc.com  
7. Well Name: Cricket Well Number: C22-30D  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7115

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 21 Twp: 4N Rng: 64W Meridian: 6  
Latitude: 40.303190 Longitude: -104.548450  
Footage at Surface: 715 FNL/FSL FNL 610 FEL/FWL FEL  
11. Field Name: Wattenberg Field Number: 90750  
12. Ground Elevation: 4687 13. County: WELD

14. GPS Data:  
Date of Measurement: 03/10/2010 PDOP Reading: 1.1 Instrument Operator's Name: Robert Daley

15. If well is  Directional  Horizontal (highly deviated) **submit deviated drilling plan.**  
Footage at Top of Prod Zone: FNL/FSL 75 FNL 75 FEL 75 FEL 75 FEL 75 FEL  
Bottom Hole: FNL/FSL 75 FNL 75 FEL 75 FEL  
Sec: 21 Twp: 4N Rng: 64W Sec: 21 Twp: 4N Rng: 64W

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: 215 ft  
18. Distance to nearest property line: 580 ft 19. Distance to nearest well permitted/completed in the same formation: 47 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	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 mineral lease map.

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 160

### 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	550	232	550	0
1ST	7+7/8	4+1/2	11.6	7,115	638	7,115	

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

33. Comments No conductor casing will be used. 1 string TOC = 200 ft above Niobrara. This well will be twinned with the Thoutt 1, an existing well. Unit configuration: T4N R64W - NW/NW of Section 22, NE/NE of Section 21, SE/SE of Section 16 and SW/SW of Section 15.

34. Location ID: 319332

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: Cheryl Johnson

Title: Regulatory Analyst Date: \_\_\_\_\_ Email: cheryljohnson@nobleenergyinc

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: \_\_\_\_\_

<b>API NUMBER</b> 05	Permit Number: _____ Expiration Date: _____
<b>CONDITIONS OF APPROVAL, IF ANY:</b> _____	

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
400077766	PLAT	Cricket C22-30D Plat.pdf
400077767	30 DAY NOTICE LETTER	Cricket C22-30D 30 Day notice.pdf
400077768	DEVIATED DRILLING PLAN	Cricket C22-30D Directional Plan.pdf
400077769	MINERAL LEASE MAP	Cricket C22-30D Mineral Lease Map.pdf
400077770	PROPOSED SPACING UNIT	Cricket C22-30D Proposed Spacing Unit.pdf

Total Attach: 5 Files