

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:  
400029582

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: Linda Pavelka Phone: (303)228-4064 Fax: (303)228-4286  
 Email: lpavelka@nobleenergyinc.com  
 7. Well Name: B&B Deterding Well Number: 33-33  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 2450

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 33 Twp: 1S Rng: 44W Meridian: 6  
 Latitude: 39.923720 Longitude: -102.305860  
 Footage at Surface: 1550 FNL/FSL FSL 2200 FEL/FWL FEL  
 11. Field Name: VERNON Field Number: 86500  
 12. Ground Elevation: 3891 13. County: YUMA

14. GPS Data:

Date of Measurement: 12/07/2009 PDOP Reading: 1.8 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 \_\_\_\_\_  
 Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_ Sec: \_\_\_\_\_ Twp: \_\_\_\_\_ Rng: \_\_\_\_\_

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: 1550 ft

18. Distance to nearest property line: 414 ft 19. Distance to nearest well permitted/completed in the same formation: 835 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.)
Niobrara	NBRR		160	SE/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#: \_\_\_\_\_

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 ATTACHED OIL AND GAS LEASE.

25. Distance to Nearest Mineral Lease Line: 451 ft 26. Total Acres in Lease: 1260

### 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	9+7/8	7	17	350	125	350	0
1ST	6+1/4	4+1/2	9.5	2,440	125	2,450	0

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

33. Comments NO CONDUCTOR CASING WILL BE USED. THIS IS A YUMA COUNTY WLR 318B WELL. THERE HAVE BEEN NO CHANGES TO LAND USE OR WELL CONSTRUCTION EXCEPT NEW LEASE INFORMATION (LEASE ATTACHED), WELL NAME CHANGE, UPDATED SHL (NEW PLAT ATTACHED), UPDATED CASING PROGRAM, UPDATED DISTANCES, AND TAKING OFF OF SURFACE BOND (SUA ATTACHED).

34. Location ID: 338093

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: Linda Pavelka

Title: Regulatory Manager Date: \_\_\_\_\_ Email: lpavelka@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**

05 125 10970 00

**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
400029961	WELL LOCATION PLAT	B&B Deterding 33-33 well location plat.pdf
400029962	TOPO MAP	B&B Deterding 33-33 topo map.pdf
400029963	OIL & GAS LEASE	B&B Deterding 33-33 oil and gas lease.pdf
400029964	SURFACE AGRMT/SURETY	B&B Deterding 33-33 SUA.pdf
400029965	30 DAY NOTICE LETTER	B&B Deterding 33-33 30 day notice letter.pdf

Total Attach: 5 Files