

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:

400019680

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: WELLS RANCH USX AE Well Number: 07-99HZ

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

9. Proposed Total Measured Depth: 10690

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 7 Twp: 6N Rng: 62W Meridian: 6

Latitude: 40.505800 Longitude: -104.369590

Footage at Surface: 950 FNL/FSL FNL 1482 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4904 13. County: WELD

14. GPS Data:

Date of Measurement: 10/22/2009 PDOP Reading: 1.3 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 1485 FNL 2064 FWL 1360 FSL 670 FEL FEL  
Sec: 7 Twp: 6N Rng: 62W Sec: 7 Twp: 6N Rng: 62W

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 ft

18. Distance to nearest property line: 950 ft 19. Distance to nearest well permitted/completed in the same formation: 2453 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		640	ALL

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 Bond ☐ \$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):  
T6N,R62W, SECTION 7: ALL

25. Distance to Nearest Mineral Lease Line: \_\_\_\_\_ 670 \_\_\_\_\_ 26. Total Acres in Lease: \_\_\_\_\_ 638 \_\_\_\_\_

### 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	9+5/8	36	650	210	650	0
1ST	8+3/4	7	26	6,908	625	6,908	
1ST LINER	6+1/8	4+1/2	11.6	10,690			

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

33. Comments NO CONDUCTOR CASING WILL BE USED. 1ST STRING TOC=200' ABOVE THE NIOBRARA. PRODUCTION LINER WILL BE HUNG OFF INSIDE 7" CASING. NOBLE WOULD LIKE TO START CONSTRUCTION ON 3/1/2010.

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: 12/3/2009 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: David S. Neslin Director of COGCC Date: 1/10/2010

#### API NUMBER

05 123 31017 00

Permit Number: \_\_\_\_\_ Expiration Date: 1/9/2012

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.**

1) Provide 24 hr notice of MIRU to Colby Horton at 970-370-0040 or colby.horton@state.co.us. 3) If production casing is set, cement coverage shall be at a minimum from the production casing shoe to 200' above Niobrara. Verify all placed cement with cement bond log. 2) If hole is abandoned with production liner cemented, then set 40 sks cement in casing at the intermediate casing shoe, cut off production casing above top of cement. 3) If dry hole without production liner, then set 40 sks cement in open hole 50' above Niobrara top. 5) With either 3 or 4 above, set 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below ground level, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. 4) Comply with Rule 321. Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

### **Attachment Check List**

Att Doc Num	Name	Doc Description
1725404	SURFACE CASING CHECK	LF@2207050 1725404.00000
400019699	DEVIATED DRILLING PLAN	LF@2196513 400019699
400019703	SURFACE AGRMT/SURETY	LF@2196514 400019703
400019704	30 DAY NOTICE LETTER	LF@2196515 400019704
400019705	WELL LOCATION PLAT	LF@2196516 400019705
400019946	FORM 2 SUBMITTED	LF@2196517 400019946

Total Attach: 6 Files