

**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:  
**400019908**  
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: 21-99HZ  
 8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
 9. Proposed Total Measured Depth: 11002

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNW Sec: 21 Twp: 6N Rng: 62W Meridian: 6  
 Latitude: 40.477950 Longitude: -104.332960  
 Footage at Surface: 673 FNL/FSL FNL 1242 FEL/FWL FWL  
 11. Field Name: WATTENBERG Field Number: 90750  
 12. Ground Elevation: 4876 13. County: WELD

14. GPS Data:  
Date of Measurement: 10/22/2009 PDOP Reading: 1.9 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 1199 FNL 1835 FWL 1363 FSL 649 FEL 649 FEL  
 Bottom Hole: FNL/FSL 1363 FSL 649 FEL 649 FEL  
 Sec: 21 Twp: 6N Rng: 62W Sec: 21 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: 673 ft 19. Distance to nearest well permitted/completed in the same formation: 1523 ft

**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	UNSPACED	640	ALL OF SEC. 21

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):  
T6N, R62W, SECTION 21:ALL

25. Distance to Nearest Mineral Lease Line: 649 26. Total Acres in Lease: 640

### 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	6,790	650	6,790	
1ST LINER	6+1/8	4+1/2	11.6	11,002			

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 THE 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: \_\_\_\_\_ 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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

<b>API NUMBER</b>	Permit Number: _____	Expiration Date: _____
05	<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
400019917	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20091203_144032.pdf
400019918	EXCEPTION LOC REQUEST	2415-Sharp-5001N_20091203_144019.pdf
400019919	SURFACE AGRMT/SURETY	2415-Sharp-5001N_20091203_144004.pdf
400019920	30 DAY NOTICE LETTER	2415-Sharp-5001N_20091203_143951.pdf
400019921	WELL LOCATION PLAT	2415-Sharp-5001N_20091203_143925.pdf

Total Attach: 5 Files