

<b>FORM</b> <b>2</b> Rev 12/05	State of Colorado <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DE</td> <td style="width:25%;">ET</td> <td style="width:25%;">OE</td> <td style="width:25%;">ES</td> </tr> </table>	DE	ET	OE	ES
DE	ET	OE	ES				

**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:

400133301

Plugging Bond Surety

20030009

3. Name of Operator: <u>NOBLE ENERGY INC</u>	4. COGCC Operator Number: <u>100322</u>
5. Address: <u>1625 BROADWAY STE 2200</u>	
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	
6. Contact Name: <u>MARI CLARK</u> Phone: <u>(303)228-4413</u> Fax: <u>(303)228-4286</u>	
Email: <u>mclark@nobleenergyinc.com</u>	
7. Well Name: <u>SCHOLFIELD STATE A</u> Well Number: <u>36-79HN</u>	
8. Unit Name (if appl): _____ Unit Number: _____	
9. Proposed Total Measured Depth: <u>10868</u>	

**WELL LOCATION INFORMATION**

10. QtrQtr: <u>NWNW</u> Sec: <u>36</u> Twp: <u>6N</u> Rng: <u>64W</u> Meridian: <u>6</u>				
Latitude: <u>40.449320</u> Longitude: <u>-104.506190</u>				
Footage at Surface: _____ feet				
<table style="width:100%; border: none;"> <tr> <td style="text-align: center;">FNL/FSL</td> <td style="text-align: center;">FEL/FWL</td> </tr> <tr> <td style="text-align: center;"><u>300</u> feet <u>FNL</u></td> <td style="text-align: center;"><u>449</u> feet <u>FWL</u></td> </tr> </table>	FNL/FSL	FEL/FWL	<u>300</u> feet <u>FNL</u>	<u>449</u> feet <u>FWL</u>
FNL/FSL	FEL/FWL			
<u>300</u> feet <u>FNL</u>	<u>449</u> feet <u>FWL</u>			
11. Field Name: <u>WATTENBERG</u> Field Number: <u>90750</u>				
12. Ground Elevation: <u>4630</u> 13. County: <u>WELD</u>				

14. GPS Data:  
 Date of Measurement: 01/24/2011 PDOP Reading: 1.7 Instrument Operator's Name: DAVID C HOLMES

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
<u>945</u>	<u>FNL</u>	<u>77</u>	<u>535</u>	<u>FSL</u>	<u>75</u>
		<u>FEL</u>			<u>FEL</u>
Sec: <u>35</u> Twp: <u>6N</u> Rng: <u>64W</u>	Sec: <u>35</u> Twp: <u>6N</u> Rng: <u>64W</u>				

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: 275 ft

18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation: 650 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	407-87	320	GWA

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: 80/5619-S  
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):  
SEE ATTACHED  
25. Distance to Nearest Mineral Lease Line: 535 ft 26. Total Acres in Lease: 1280

**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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)?  Yes  No  
31. Mud disposal:  Offsite  Onsite **If 28, 29, or 30 are "Yes" a pit permit may be required.**  
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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
CONDUCTOR	18+1/2	16+0/0		0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	550	175	550	0
1ST	8+3/4	7+0/0	26	0	7,225	640	7,225	
1ST LINER	6+1/8	4+1/2	11.6	5861	10,868		10,868	

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
33. Comments 1ST STRING TOP OF CEMENT = 200' ABOVE NIOBRARA. UNIT CONFIGURATION =E/2E/2 OF SECTION 35 AND THE W/2W/2 OF SECTION 36. WELL IS TO BE TWINNED WITH EXISTING STATE A36-99HZ & PROPOSED SCHOLFIELD STATE A36-99HN. NOBLE ENERGY INC. CERTIFIES THAT THE LEASES SHALL BE COMMITTED TO THE UNIT. NOble requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Waiver attached.

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: MARI CLARK  
Title: REG. ANALYST II Date: 3/18/2011 Email: mclark@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. Nesline Director of COGCC Date: 4/11/2011

**API NUMBER**

05 123 33325 00

Permit Number: \_\_\_\_\_

Expiration Date: 4/10/2013

**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 Ed Binkley at 970-506-9834 or e-mail at ed.binkley@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from the intermediate casing shoe to a minimum of 200' above Niobrara. Verify cement with a cement bond log.
- 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
1726427	SURFACE CASING CHECK
400133301	FORM 2 SUBMITTED
400144038	30 DAY NOTICE LETTER
400144039	DEVIATED DRILLING PLAN
400144040	EXCEPTION LOC WAIVERS
400144041	LEASE MAP
400144042	WELL LOCATION PLAT
400144043	PROPOSED SPACING UNIT
400144044	SURFACE AGRMT/SURETY
400144045	EXCEPTION LOC REQUEST

Total Attach: 10 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	SLB verified compliance	3/28/2011 11:39:24 AM
Permit	Notified SLB for verification of compliance	3/23/2011 11:14:47 AM

Total: 2 comment(s)

**BMP**

<u>Type</u>	<u>Comment</u>
General Housekeeping	Housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pickup trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
Material Handling and Spill Prevention	Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.
Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) General Permit No. COR-039527. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location, and will remain in place until the pad reaches final reclamation.

Total: 3 comment(s)