

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		<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
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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:

400140585

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>SUSAN MILLER</u> Phone: <u>(303)228-4246</u> Fax: <u>(303)228-4286</u>	
Email: <u>smiller@nobleenergyinc.com</u>	
7. Well Name: <u>TIMBRO PC</u>	Well Number: <u>LD16-17</u>
8. Unit Name (if appl): _____	Unit Number: _____
9. Proposed Total Measured Depth: <u>6089</u>	

WELL LOCATION INFORMATION

10. QtrQtr: <u>SENE</u> Sec: <u>16</u> Twp: <u>9N</u> Rng: <u>58W</u> Meridian: <u>6</u>
Latitude: <u>40.753520</u> Longitude: <u>-103.864080</u>
Footage at Surface: <u>1846</u> feet <u>FNL</u> <u>1200</u> feet <u>FEL</u>
11. Field Name: <u>Wildcat</u> Field Number: <u>99999</u>
12. Ground Elevation: <u>4775</u> 13. County: <u>WELD</u>

14. GPS Data:
 Date of Measurement: 02/07/2011 PDOP Reading: 2.1 Instrument Operator's Name: Jerry F. Harcek

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: 173 ft

18. Distance to nearest property line: 795 ft 19. Distance to nearest well permitted/completed in the same formation: 4372 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.)
Codell	CODL	unspaced		
Niobrara	NBRR	unspaced		

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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):
T9N-R58W Section 16: All.
25. Distance to Nearest Mineral Lease Line: 1200 ft 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 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: 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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	500	169	500	0
1ST	7+7/8	4+1/2	11.6	0	6,089	609	6,089	

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
33. Comments Conductor casing will not be used. First string top of cement will be 200' above the Niobrara formation.

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: SUSAN MILLER
Title: Regulatory Analyst II Date: 3/14/2011 Email: smiller@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: 4/6/2011

Permit Number: _____ Expiration Date: 4/5/2013

API NUMBER
05 123 33305 00

CONDITIONS OF APPROVAL, IF ANY:

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

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.

Derrick height (ground to crown) cannot exceed 115 feet due to close proximity to public road.

- 1) Provide 24 hr notice of spud and if DA to Colby Horton at 970-867-2517 or colby.horton@state.co.us.
- 2) 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 TD to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 4) If dry hole, 40 sks cement 50' above Niobrara top, tag 50 sks cement ½ out, ½ in surface casing, 10 sks cement top of surface casing, cut 4' below GL, weld on plate, 5 sks cement in rat hole & 5 sks cement in mouse hole. Restore surface location.

Attachment Check List

Att Doc Num	Name
2111230	SURFACE CASING CHECK
400140585	FORM 2 SUBMITTED
400140639	30 DAY NOTICE LETTER
400141420	WELL LOCATION PLAT

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Permit	Notified the SLB that this well is on state minerals	3/15/2011 12:47:20 PM

Total: 1 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)