

<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				
<b>APPLICATION FOR PERMIT TO:</b>			Document Number:  400124433  Plugging Bond Surety  20030009				
1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate							
2. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>			Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/>				
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>Justin Garrett</u> Phone: <u>(303)228 4449</u> Fax: <u>(303)228 4286</u> Email: <u>JGGarrett@nobleenergyinc.com</u>							
7. Well Name: <u>Franklin</u>		Well Number: <u>C08-62HN</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>10747</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>SESE</u> Sec: <u>7</u> Twp: <u>4N</u> Rng: <u>64W</u> Meridian: <u>6</u> Latitude: <u>40.321030</u> Longitude: <u>-104.585440</u>							
Footage at Surface: <u>520</u> feet <u>FSL</u> <u>400</u> feet <u>FEL</u> <small style="margin-left: 100px;">FNL/FSL</small> <small style="margin-left: 100px;">FEL/FWL</small>							
11. Field Name: <u>Wattenberg</u>		Field Number: <u>90750</u>					
12. Ground Elevation: <u>4798</u>		13. County: <u>WELD</u>					
14. GPS Data: Date of Measurement: <u>12/01/2010</u> PDOP Reading: <u>1.5</u> Instrument Operator's Name: <u>Brian T. Brinkman</u>							
15. If well is <input type="checkbox"/> Directional <input checked="" type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b> Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL <u>521</u> <u>FSL</u> <u>534</u> <u>FWL</u> <u>600</u> <u>FSL</u> <u>1200</u> <u>FEL</u> Sec: <u>8</u> Twp: <u>4N</u> Rng: <u>64W</u> Sec: <u>8</u> Twp: <u>4N</u> Rng: <u>64W</u>							
16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
17. Distance to the nearest building, public road, above ground utility or railroad: <u>392 ft</u>							
18. Distance to nearest property line: <u>400 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>260 ft</u>							
<b>20. LEASE, SPACING AND POOLING INFORMATION</b>							
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 #: \_\_\_\_\_  
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):  
Lease map and description attached. Noble Energy Inc. certifies that the lease(s) shall be committed to the unit.  
25. Distance to Nearest Mineral Lease Line: 521 ft 26. Total Acres in Lease: 573

**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
CONDUCTOR	16+0/0	15+0/0		0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	650	205	650	0
1ST	8+3/4	7+0/0	26	0	7,193	636	7,193	0
1ST LINER	6+1/8	4+1/2	11.6	6021	10,747	0	10,747	

32. BOP Equipment Type:  Annular Preventer  Double Ram  Rotating Head  None  
33. Comments 1st String TOC = 200 ft above Niobrara. This well is part of a two-well pad along with the Franklin C17-69HN. The production facilities will approx. 507' SW of stake site (doc 400124435). Production liner will be hung off of inside 7" casing. Unit Configuration = S/2 Sec 8 4N 64W. 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: Justin Garrett  
Title: Regulatory Specialist Date: 3/3/2011 Email: JDGarrett@nobleenergyinc.co

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: 3/31/2011  
Permit Number: \_\_\_\_\_ Expiration Date: 3/30/2013

**API NUMBER**

05 123 33244 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.

- 1) Provide 24 hr notice of MIRU to Bo Brown at 970-330-6085 or email at bo.brown@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
2111090	SURFACE CASING CHECK
400124433	FORM 2 SUBMITTED
400139025	30 DAY NOTICE LETTER
400139027	PLAT
400139028	LEGAL/LEASE DESCRIPTION
400139029	SURFACE AGRMT/SURETY
400139032	PROPOSED SPACING UNIT
400139033	EXCEPTION LOC WAIVERS
400139034	EXCEPTION LOC REQUEST
400139258	DEVIATED DRILLING PLAN

Total Attach: 10 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

**BMP**

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

Total: 0 comment(s)