

**APPLICATION FOR PERMIT TO:**

1.  **Drill,**       Deepen,       Re-enter,       Recomplete and Operate

2. TYPE OF WELL

OIL       GAS       COALBED       OTHER \_\_\_\_\_

SINGLE ZONE       MULTIPLE       COMMINGLE

Refiling       Sidetrack

Document Number:  
400116375

Plugging Bond Surety  
20030009

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: SUSAN MILLER      Phone: (303)228-4246      Fax: (303)228-4286  
Email: smiller@nobleenergyinc.com

7. Well Name: BUTTERBALL      Well Number: H24-69HN

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

9. Proposed Total Measured Depth: 11972

**WELL LOCATION INFORMATION**

10. QtrQtr: NWNE      Sec: 19      Twp: 3N      Rng: 64W      Meridian: 6  
Latitude: 40.217280      Longitude: -104.591810

Footage at Surface:      266      feet      FNL/FSL      FNL      2058      feet      FEL/FWL      FEL

11. Field Name: Wattenberg      Field Number: 90750

12. Ground Elevation: 4774      13. County: WELD

14. GPS Data:  
Date of Measurement: 11/15/2010      PDOP Reading: 2.7      Instrument Operator's Name: Brian Brinkman

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

66      FSL      2500      FEL      75      FSL      2140      FEL

Sec: 18      Twp: 3N      Rng: 64W      Sec: 13      Twp: 3N      Rng: 65W

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: 250 ft

18. Distance to nearest property line: 266 ft      19. Distance to nearest well permitted/completed in the same formation: 253 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	N/A	400	GWA

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 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):

Please see attached Mineral Lease Map. Noble Energy Inc. certifies that the leases shall be committed to the unit.

25. Distance to Nearest Mineral Lease Line: 500 ft 26. Total Acres in Lease: 12671

### 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	13+3/4	9+5/8	36	0	600	321	600	0
1ST	8+3/4	7	26	0	7,238	652	7,238	
1ST LINER	6+1/8	4+1/2	11.6	6026	11,972			

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. The production liner will be hung off inside of the 7" casing. This is part of a 3-well, multi-well pad: proposed Butterball H24-69HN, Butterball D18-75HN, Butterball D19-75HN. Form 2A doc. no. 400116042 covers all 3 wells. Unit Configuration: S/2SE/4 Sec 13, N/2NE/4 Sec 24 T3N-R65W; S/2SW4, SW/4SE/4 Sec 18, N/2NW/4, NW/4NE/4 Sec 19 T3N-R64W.

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

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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.

\_\_\_\_\_

### Attachment Check List

Att Doc Num	Name
400116526	30 DAY NOTICE LETTER
400116528	EXCEPTION LOC WAIVERS
400147573	WELL LOCATION PLAT
400147574	DEVIATED DRILLING PLAN
400147575	EXCEPTION LOC REQUEST
400147576	PROPOSED SPACING UNIT
400147577	PROPOSED SPACING UNIT
400193613	PROPOSED SPACING UNIT
400193850	MINERAL LEASE MAP

Total Attach: 9 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>
General Housekeeping	General 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 pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
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) and 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.
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.

Total: 3 comment(s)