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Document Number:
 400230652
 PluggingBond SuretyID
 20030009

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

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: GUTTERSEN STATE Well Number: D16-63-1HN
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 11240

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 16 Twp: 3N Rng: 64W Meridian: 6
 Latitude: 40.221580 Longitude: -104.547080
 Footage at Surface: 1267 feet FNL/FSL FSL 103 feet FEL/FWL FEL
 11. Field Name: Wattenberg Field Number: 90750
 12. Ground Elevation: 4782 13. County: WELD

14. GPS Data:
 Date of Measurement: 10/27/2011 PDOP Reading: 1.9 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 997 FSL 738 FEL 738 Bottom Hole: FNL/FSL 990 FSL 535 FEL/FWL FWL
 Sec: 16 Twp: 3N Rng: 64W Sec: 16 Twp: 3N Rng: 64W

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: 5280 ft
 18. Distance to nearest property line: 103 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 490 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	407-87	320	GWA

21. Mineral Ownership: Fee State Federal Indian Lease #: 70-7884-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 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 Description and Surface Use Agreement. Noble Energy Inc. certifies that the leases shall be committed to the unit.

25. Distance to Nearest Mineral Lease Line: 535 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
CONDUCTOR	18+1/2	16		0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	700	348	700	0
1ST	8+3/4	7	26	0	7,221	505	7,221	
1ST LINER	6+1/8	4+1/2	11.6	7050	11,240			

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None

33. Comments First string top of cement will be 200' above the Niobrara formation. The production liner will be hung off inside of the 7" casing. Operator requests approval of Rule 603.a.(2) exception location for well location 103' from nearest property line, request letter and signed waiver attached. This single horizontal well will twin the existing Guttersen State D15-33 well and will also share production facilities with the proposed Guttersen State D16-65-1HNB well. Please note, as-drilled GPS sundry notice has been submitted for the Guttersen State D15-33 vertical well. Unit configuration: S/2 of Section 16 T3N R64W.

34. Location ID: 414450

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
400230722	30 DAY NOTICE LETTER
400230723	EXCEPTION LOC REQUEST
400230724	EXCEPTION LOC REQUEST
400230725	EXCEPTION LOC WAIVERS
400230726	EXCEPTION LOC WAIVERS
400240476	WELL LOCATION PLAT
400240478	DEVIATED DRILLING PLAN
400240480	DIRECTIONAL DATA
400248264	PROPOSED SPACING UNIT
400249583	SURFACE AGRMT/SURETY
400249585	LEGAL/LEASE DESCRIPTION

Total Attach: 11 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-038637. 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)