

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



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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:
400006289
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: MARI CLARK Phone: (303)228-4413 Fax: (303)228-4286
Email: mclark@nobleenergyinc.com

7. Well Name: GUTTERSEN STATE D Well Number: 16-32D

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 7307

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 16 Twp: 3N Rng: 64W Meridian: 6

Latitude: 40.222230 Longitude: -104.565440

Footage at Surface: 1492 FNL/FSL FSL 52 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4752 13. County: WELD

14. GPS Data:

Date of Measurement: 04/29/2009 PDOP Reading: 2.0 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
2540 FNL 75 FWL 2540 FNL 75 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: 2815

18. Distance to nearest property line: 52 19. Distance to nearest well permitted/completed in the same formation: 802

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.)
CODELL	CODL	407-87	160	GWA
NIOBRARA	NBRR	407-87	160	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#: 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):
ALL- SEC. 16-T3N-R64W-6TH P.M.

25. Distance to Nearest Mineral Lease Line: 75 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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal: Offsite Onsite

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURF	12+1/4	8+5/8	24	600	252	600	0
1ST	7+7/8	4+1/2	11.6	7,307	677	7,307	

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

33. Comments **NO CONDUCTOR CASING WILL BE USED. WELL IS TO BE TWINNED WITH PROPOSED GUTTERSTEN STATE 16-33. 1ST STRING CEMENT TOP WILL BE 200' ABOVE NIOBRARA. UNIT CONFIGURATION IS SENE, NESE OF SEC. 17 & SWNW, NWSW OF SEC. 16 IN 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: MARI CLARK

Title: REGULATORY ANALYST II Date: _____ 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: _____ Director of COGCC Date: _____

API NUMBER 05	Permit Number: _____ Expiration Date: _____
CONDITIONS OF APPROVAL, IF ANY: _____	

Attachment Check List

Att Doc Num	Name	Doc Description
400009226	WELL LOCATION PLAT	Guttersen State D 16-32D well location plat.pdf
400009228	30 DAY NOTICE LETTER	Guttersen State D 16-32D 30 day letter.pdf
400009229	DEVIATED DRILLING PLAN	Guttersen State D 16-32D deviated drilling plan.pdf
400009836	PROPOSED SPACING UNIT	2415-Sharp-5001N_20091014_130257.pdf
400009837	EXCEPTION LOC REQUEST	2415-Sharp-5001N_20091014_130317.pdf
400009838	EXCEPTION LOC WAIVERS	2415-Sharp-5001N_20091014_130330.pdf

Total Attach: 6 Files