

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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Document Number:

400027419

Plugging Bond Surety

20030009

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

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: KATE SHIRLEY Phone: (303)228-4449 Fax: (303)228-4286  
Email: kshirley@nobleenergyinc.com

7. Well Name: GUTTERSEN STATE CC Well Number: 20-33D

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

9. Proposed Total Measured Depth: 7035

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 20 Twp: 4N Rng: 63W Meridian: 6  
Latitude: 40.296140 Longitude: -104.469200

Footage at Surface: 2077 FSL 514 FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4712 13. County: WELD

14. GPS Data:

Date of Measurement: 09/08/2009 PDOP Reading: 3.2 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  
1200 FSL 75 FEL 1200 FSL 75 FEL  
Sec: 19 Twp: 4N Rng: 63W Sec: 19 Twp: 4N Rng: 63W

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: 514 ft 19. Distance to nearest well permitted/completed in the same formation: 740 ft

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	SEE COMMENTS
NIOBRARA	NBRR	407-87	160	SEE COMMENTS

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):  
T4N, R63W, SEC. 19: LOT 1, 2, E/2W/2, SEC. 19: E/2

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 629

### 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: Closed loop system

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	7,035	626	7,035	

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

33. Comments NO CONDUCTOR CASING WILL BE USED. THE CEMENT TOP FOR THE FIRST STRING WILL BE 200' ABOVE NIOBRARA. THIS WELL WILL BE DRILLED ON THE SAME PAD AS THE GUTTERSEN STATE CC20-32D AND EXISTING GUTTERSEN STATE CC-20-12. UNIT CONFIGURATION IS 19: E/2SE/4 AND 20: W/2SW/4 FOR BOTH THE CODELL AND NIOBRARA.

34. Location ID: 332426

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: KATE SHIRLEY

Title: REGULATORY SPECIALIST Date: \_\_\_\_\_ Email: kshirley@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: \_\_\_\_\_

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

API NUMBER

05

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	Doc Description
400027471	30 DAY NOTICE LETTER	Guttersen State CC20-33D 30 day notice letter.pdf
400027472	DEVIATED DRILLING PLAN	Guttersen State CC20-33D Deviated Drilling plan.pdf
400027473	PROPOSED SPACING UNIT	Guttersen State CC20-33D Proposed spacing unit.pdf
400027481	WELL LOCATION PLAT	Guttersen State CC20-33D well location plat.pdf

Total Attach: 4 Files