

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:  
400027419  
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: 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 FNL/FSL FSL 514 FEL/FWL 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 1200 FSL 75 FEL 75 FEL 75 FEL  
Bottom Hole: FNL/FSL 1200 FSL 75 FEL 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	GWA
NIOBRARA	NBRR	407-87	160	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 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: 1/13/2010 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: David S. Neslin Director of COGCC Date: 2/20/2010

**API NUMBER**  
05 123 31178 00

Permit Number: \_\_\_\_\_ Expiration Date: 2/19/2012

**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.**

COGCC ENG COA - SME 1) Provide 24 hr notice of spud to 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 TD to a minimum of 200' above Niobrara. Verify coverage with 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.

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### Attachment Check List

Att Doc Num	Name	Doc Description
1725494	SURFACE CASING CHECK	LF@2220454 1725494
400027471	30 DAY NOTICE LETTER	LF@2395192 400027471
400027472	DEVIATED DRILLING PLAN	LF@2217261 400027472
400027473	PROPOSED SPACING UNIT	LF@2217262 400027473
400027481	WELL LOCATION PLAT	LF@2217263 400027481
400028365	FORM 2 SUBMITTED	LF@2217264 400028365

Total Attach: 6 Files