

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:
400026507
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: Boulter G Well Number: 05-20

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

9. Proposed Total Measured Depth: 7270

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 5 Twp: 4N Rng: 65W Meridian: 6
Latitude: 40.341250 Longitude: -104.691920

Footage at Surface: _____ FNL/FSL _____ FEL/FWL _____
2499 FSL 1299 FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4683 13. County: WELD

14. GPS Data:

Date of Measurement: 08/31/2009 PDOP Reading: 2.7 Instrument Operator's Name: Robert Daley

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 _____

Sec: _____ Twp: _____ Rng: _____ Sec: _____ Twp: _____ Rng: _____

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: 958 ft

18. Distance to nearest property line: 129 ft 19. Distance to nearest well permitted/completed in the same formation: 825 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	S/2NW/4, N/2SW/4
Niobrara	NBRR	407-87	160	S/2NW/4, N/2SW/4

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#: _____

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, R65W, Section 5:N/2SW/4

25. Distance to Nearest Mineral Lease Line: 130 ft 26. Total Acres in Lease: 80

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	256	600	0
1ST	7+7/8	4+1/2	11.6	7,270	661	7,270	

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

33. Comments No conductor casing will be used. 1st String Top of Cement = 200 feet above Niobrara.

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: Kate Shirley

Title: Regulatory Specialist Date: 1/5/2010 Email: kshirley@anteroresources.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. Nashin Director of COGCC Date: 2/10/2010

API NUMBER
05 123 31138 00

Permit Number: _____ Expiration Date: 2/9/2012

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.

1) Provide 24 hour notice of MIRU to Bo Brown at 970-330-6085 or e-mail at bobrown@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara and from 200' below Sussex to 200' above Sussex. Verify coverage with cement bond log.

Location is outside the drilling window and the well is more than 50 feet from the nearest well; exception granted
Location is less than 150 feet from the property line; exception granted

Location is outside the drilling window and the well is more than 50 feet from the nearest well; exception granted
Location is less than 150 feet from the property line; exception granted

Attachment Check List

Att Doc Num	Name	Doc Description
2099003	SURFACE CASING CHECK	LF@2241750 2099003.00000
2589033	EXCEPTION LOC REQUEST	LF@2217897 2589033
400026627	WELL LOCATION PLAT	LF@2213507 400026627
400026628	30 DAY NOTICE LETTER	LF@2213511 400026628
400026635	EXCEPTION LOC WAIVERS	LF@2213516 400026635
400026636	PROPOSED SPACING UNIT	LF@2213517 400026636
400026637	SURFACE AGRMT/SURETY	LF@2213518 400026637
400026638	FORM 2 SUBMITTED	LF@2213519 400026638

Total Attach: 8 Files