

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

Refilling
Sidetrack

Document Number:
400070440
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: Susan Miller Phone: (303)228-4246 Fax: (303)228-4286
Email: smiller@nobleenergyinc.com

7. Well Name: ARISTOCRAT PC Well Number: H11-27D

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

9. Proposed Total Measured Depth: 7363

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 2 Twp: 3N Rng: 65W Meridian: 6
Latitude: 40.248380 Longitude: -104.622720

Footage at Surface: 457 ^{FNL/FSL} FSL 573 ^{FEL/FWL} FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4814 13. County: WELD

14. GPS Data:

Date of Measurement: 05/27/2010 PDOP Reading: 1.7 Instrument Operator's Name: Brian Brinkman

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: ^{FNL/FSL} 75 FNL 1320 FEL ^{FEL/FWL} 75 FNL 1320 FEL
Sec: 11 Twp: 3N Rng: 65W Sec: 11 Twp: 3N Rng: 65W

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: 308 ft

18. Distance to nearest property line: 457 ft 19. Distance to nearest well permitted/completed in the same formation: 855 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#: _____

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):
T3N-R65W, Section 11: NE/4

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 160

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

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	650	230	650	0
1ST	7+7/8	4+1/2	11.6	7,363	675	7,363	

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

33. Comments Conductor casing will not be used. First string top of cement will be 200' above the Niobrara formation. This is a 2-well, multi-well pad which includes the existing Aristocrat Angus 44-2A (straight hole) Operator: EnCana. See 2A document no. 400070495 for production facility. Unit Configuration: T3N-R65W Section 2: S/2SE; Section 11: N/2NE. Operator requests approval of a Rule 318Ac exception location: Wellhead is to be located more than 50' from an existing well location. waiver attached.

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: Susan Miller

Title: Regulatory Analyst II Date: 9/9/2010 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: David S. Neslin Director of COGCC Date: 10/4/2010

Permit Number: _____ Expiration Date: 10/3/2012

API NUMBER
05 123 32300 00

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.
- 3) 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.

Attachment Check List

Att Doc Num	Name	Doc Description
2511321	SURFACE CASING CHECK	LF@2546006 2511321
400070440	FORM 2 SUBMITTED	LF@2539817 400070440
400070462	30 DAY NOTICE LETTER	LF@2539818 400070462
400070469	EXCEPTION LOC WAIVERS	LF@2539819 400070469
400077998	WELL LOCATION PLAT	LF@2539821 400077998
400078008	EXCEPTION LOC REQUEST	LF@2539823 400078008
400090180	PROPOSED SPACING UNIT	LF@2539824 400090180
400091616	DEVIATED DRILLING PLAN	LF@2539826 400091616
400091617	PROPOSED SPACING UNIT	LF@2539827 400091617
400091618	PROPOSED SPACING UNIT	LF@2539828 400091618

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Surface owner is the mineral owner for both 2A and form 2.	9/24/2010 2:35:39 PM
Permit	Verifying surface owner is the mineral owner.	9/24/2010 8:13:35 AM

Total: 2 comment(s)

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