

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:
400003846
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)228-4280
Email: kshirley@nobleenergyinc.com

7. Well Name: Horse Iron P Well Number: 21-27D

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

9. Proposed Total Measured Depth: 8122

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 21 Twp: 3N Rng: 67W Meridian: 6
Latitude: 40.211910 Longitude: -104.889460

Footage at Surface: 2404 FNL/FSL FNL 963 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4790 13. County: WELD

14. GPS Data:
Date of Measurement: 03/05/2009 PDOP Reading: 2.4 Instrument Operator's Name: Steven A Lund

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**
Footage at Top of Prod Zone: FNL/FSL 75 FNL 1220 FEL Bottom Hole: FNL/FSL 75 FNL 1220 FEL
Sec: 21 Twp: 3N Rng: 67W Sec: 21 Twp: 3N Rng: 67W

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: 400 ft
18. Distance to nearest property line: 155 ft 19. Distance to nearest well permitted/completed in the same formation: 765 ft

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
J-SAND	JSND	232-23	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):
See attached description.

25. Distance to Nearest Mineral Lease Line: 75 ft 26. Total Acres in Lease: 211

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	500	208	500	0
1ST	7+7/8	4+1/2	11.6	8,122	536	8,122	

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

33. Comments The production casing cement top will be 200' above the Niobrara. The Unit configuration for the Codell, Niobrara, and the J-Sand is Section 16: S/2SE/4 and Section 21:N/2NE/4. No conductor casing will be used. Pad well information: Horse Iron P22-31D, Horse Iron P21-21D, Horse Iron P22-32D, Horse Iron P22-33D.

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: 9/21/2009 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: _____

API NUMBER	Permit Number: _____	Expiration Date: _____
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
400006061	WELL LOCATION PLAT	2415-Sharp-5001N_20090921_141411.pdf
400006062	LEGAL/LEASE DESCRIPTION	2415-Sharp-5001N_20090921_141423.pdf
400006063	30 DAY NOTICE LETTER	2415-Sharp-5001N_20090921_141435.pdf
400006064	DEVIATED DRILLING PLAN	2415-Sharp-5001N_20090921_141448.pdf
400006066	EXCEPTION LOC WAIVERS	2415-Sharp-5001N_20090921_141520.pdf
400023073	PROPOSED SPACING UNIT	Proposed Spacing Unit.pdf
400023169	LEASE MAP	Lease Outline.pdf

Total Attach: 7 Files