

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:
400003806
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)228-4280
Email: kshirley@nobleenergyinc.com

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

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

9. Proposed Total Measured Depth: 7988

WELL LOCATION INFORMATION

10. QtrQtr: SENE Sec: 21 Twp: 3N Rng: 67W Meridian: 6
Latitude: 40.211730 Longitude: -104.889590

Footage at Surface: 2470 FNL/FSL FNL 1001 FEL/FWL FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4789 13. County: WELD

14. GPS Data:

Date of Measurement: 03/05/2009 PDOP Reading: 2.3 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 2454 FSL 2522 FEL 2454 FSL 2522 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: 222 ft 19. Distance to nearest well permitted/completed in the same formation: 763 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
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	7,988	516	7,988	

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

33. Comments The production casing top of cement will be 200' above the Niobrara. The Unit Configuration for the Codell, Niobrara, and the J-Sand is Sec. 21: SWNE, SENW, NESW, NWSE. No conductor casing will be used. Pad well information: Horse Iron P22-31D, Horse Iron P22-32D, Horse Iron P21-27D, 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: David S. Nashin Director of COGCC Date: 12/22/2009

API NUMBER
05 123 30957 00

Permit Number: _____ Expiration Date: 12/21/2011

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 Jim Precup at 303-469-1902 or e-mail at james.precup@state.co.us 2) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. 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.

Location is outside of GWA window and is not twinning existing well exception has been granted

Attachment Check List

Att Doc Num	Name	Doc Description
1760251	MINERAL LEASE MAP	LF@2200738 1760251
1769593	SURFACE CASING CHECK	LF@2166619 1769593
400006042	WELL LOCATION PLAT	LF@2158274 400006042
400006043	LEGAL/LEASE DESCRIPTION	LF@2158275 400006043
400006044	30 DAY NOTICE LETTER	LF@2158276 400006044
400006045	DEVIATED DRILLING PLAN	LF@2158277 400006045
400006046	PROPOSED SPACING UNIT	LF@2158278 400006046
400006047	EXCEPTION LOC WAIVERS	LF@2158279 400006047
400006883	FORM 2 SUBMITTED	LF@2158280 400006883

Total Attach: 9 Files