

APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, **Recomplete and Operate**

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE COMMINGLE

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: Andrea Rawson Phone: (303)228-4253 Fax: (303)228-4286
Email: arawson@nobleenergyinc.com
7. Well Name: Spike State DD Well Number: 20-03J
8. Unit Name (if appl): _____ Unit Number: _____
9. Proposed Total Measured Depth: 7470

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 20 Twp: 3N Rng: 63W Meridian: 6
Latitude: 40.207033 Longitude: -104.466586
Footage at Surface: 1320 feet FNL/FSL 1320 feet FEL/FWL FWL
11. Field Name: Wattenberg Field Number: 90750
12. Ground Elevation: 4840 13. County: WELD

14. GPS Data:
Date of Measurement: 11/07/2007 PDOP Reading: 2.7 Instrument Operator's Name: Paul Tappy

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: 3000 ft
18. Distance to nearest property line: 1250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2000 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		160	SW/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#: 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 Bond \$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):

Sec 20, T3N, R63W- SW/4, W/2NW/4, E/2SE/4, W/2NE/4

25. Distance to Nearest Mineral Lease Line: 1250 ft 26. Total Acres in Lease: 400

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 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? Yes No

31. Mud disposal: Offsite Onsite

If 28, 29, or 30 are "Yes" a pit permit may be required.

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	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top
SURF	12+1/4	8+5/8	24	0	610	410	610	0
1ST	7+7/8	4+1/2	11.6	0	7,467	200	7,467	6,139

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

33. Comments A Form 2A is not required for this recompletion because no pit will be constructed and there will be no additional surface disturbance beyond the originally disturbed area. No conductor casing will be set. A form 4 has already been sent in.

34. Location ID: 317755

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: Andrea Rawson

Title: Regulatory Specialist Date: 5/2/2012 Email: arawson@nobleenergyinc.com

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: 6/22/2012

API NUMBER Permit Number: _____ Expiration Date: 6/21/2014

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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.

Prior to recomple, operator must: 1) Verify existing cement above the Niobrara and across the Fox Hills Aquifer with a cement bond log. 2) If it is not present as follows, provide remedial cement across and to 200' above Niobrara (minimum top of cement 6345') and across the Fox Hills from 720' to 50' within the surface casing shoe. Verify all remedial cement coverage with cement bond log.

Attachment Check List

Att Doc Num	Name
400276581	FORM 2 SUBMITTED

Total Attach: 1 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final review completed; no LGD or public comment received.	6/21/2012 5:54:12 AM
Permit	This re-file changes the 'the well name which was handled by the sundry recomplete, lease description' from the previous Form 2.	6/21/2012 5:49:03 AM
Permit	Waiting on confirmation regarding well name	5/16/2012 8:15:57 AM
Permit	Operator revised the distance building public road or overhead power line.	5/8/2012 9:48:08 AM
Permit	On hold- Distance to building public road or overhead power line.	5/4/2012 6:32:43 AM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)