

FORM
2

Rev
12/05

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400407746

Date Received:

05/08/2013

PluggingBond SuretyID

20030009

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: SUSAN MILLER Phone: (303)228-4246 Fax: (303)228-4286

Email: smiller@nobleenergyinc.com

7. Well Name: ROHN STATE Well Number: LD09-68HN

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

9. Proposed Total Measured Depth: 9733

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 9 Twp: 9N Rng: 58W Meridian: 6

Latitude: 40.770690 Longitude: -103.861700

Footage at Surface: 898 feet FNL 480 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4740 13. County: WELD

14. GPS Data:

Date of Measurement: 11/29/2012 PDOP Reading: 2.6 Instrument Operator's Name: Brian Brinkman

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

Footage at Top of Prod Zone: 570 FNL 972 FEL Bottom Hole: 660 FNL 660 FWL
Sec: 9 Twp: 9N Rng: 58W Sec: 9 Twp: 9N Rng: 58W

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: 466 ft

18. Distance to nearest property line: 480 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 239 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.)
Niobrara	NBRR	535-302	3200	Sec. 3, 4, 9, 10, 16

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 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):
 T9N-R58W Section 9: NE/4, S/2NW/4, SW/4, SE/4; Section 10: NW/4 and other leases. Horizontal wellbore crosses lease line within drilling and spacing unit; distance to nearest unit boundary is 660'.
 25. Distance to Nearest Mineral Lease Line: 0 ft 26. Total Acres in Lease: 720

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
CONDUCTOR	18+1/2	16	0	0	100	6	100	0
SURF	13+3/4	9+5/8	36	0	1,150	520	1,150	0
1ST	8+3/4	7	26	0	6,116	420	6,116	0
1ST LINER	6+1/8	4+1/2	11.6	5966	9,733			

32. BOP Equipment Type: Annular Preventer Double Ram Rotating Head None
 33. Comments First string top of cement will be 200' above the Niobrara formation. The production liner will be hung off inside of the 7" casing. This 7-well pad includes: Rohn State LD09-69-1HN, Rohn State LD09-68HN, Rohn State LD09-68-1HN, Rohn State LD10-69-1HN, Rohn State LD10-68HN, Rohn State LD10-68-1HN. See 2A doc. no. 400407861 for well pad location. The nearest well permitted/completed in the same formation is the Rohn PC LD09-01, API No. 05-123-33732, located 312' east of proposed well location.

34. Location ID: 423831
 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 III Date: 5/8/2013 Email: smiller@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: Matthew Lee Director of COGCC Date: 6/7/2013

Permit Number: _____ Expiration Date: 6/6/2015

API NUMBER
05 123 37545 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 48 hour notice prior to spud via electronic Form 42.
- 2) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log.
- 3) 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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400407746	FORM 2 SUBMITTED
400407856	30 DAY NOTICE LETTER
400407857	WELL LOCATION PLAT
400407859	DEVIATED DRILLING PLAN
400407860	DIRECTIONAL DATA
400415652	OFFSET WELL EVALUATION

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Final Review Completed. No LGD or public comment received.	5/5/2013 6:48:50 AM
Permit	Per operator corrected distance to nearest wellbore.	6/4/2013 12:20:10 PM
Permit	Requested updated distance to nearest wellbore. Initial review complete.	5/29/2013 3:23:59 PM
Engineer	Evaluated any existing wells within 500' of proposed directional.	5/20/2013 4:45:25 PM
Permit	This form has passed completeness.	5/9/2013 2:22:53 PM

Total: 5 comment(s)

BMP

<u>Type</u>	<u>Comment</u>
General Housekeeping	General housekeeping will consist of neat and orderly storage of materials and fluids. Wastes will be temporarily stored in sealed containers and regularly collected and disposed of at offsite, suitable facilities. If spills occur, prompt cleanup is required to minimize any commingling of waste materials with stormwater runoff. Routine maintenance will be limited to fueling and lubrication of equipment. Drip pans will be used during routine fueling and maintenance to contain spills or leaks. Any waste product from maintenance will be containerized and transported offsite for disposal or recycling. There will be no major equipment overhauls conducted onsite. Equipment will be transported offsite for major overhauls. Cleanup of trash and discarded materials will be conducted at the end of each work day. Cleanup will consist of patrolling the roadway, access areas, and other work areas to pick up trash, scrap debris, other discarded materials, and any contaminated soil. These materials will be disposed of properly.
Material Handling and Spill Prevention	Spill Prevention Control and Countermeasures (SPCC) plans are in place to address any possible spill associated with Oil & Gas operations throughout the state of Colorado in accordance with CFR 112.
Storm Water/Erosion Control	Stormwater management plans (SWMP) are in place to address construction, drilling and operations associated with Oil & Gas development throughout the state of Colorado in accordance with Colorado Department of Public Health and Environment (CDPHE) and General Permit No. COR-038637. BMP's will be constructed around the perimeter of the site prior to, or at the beginning of construction. BMP's used will vary according to the location and will remain in place until the pad reaches final reclamation.

Total: 3 comment(s)