

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:

400125184

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: Justin Garrett Phone: (303)228-4449 Fax: (303)228-4286

Email: JDGarrett@nobleenergyinc.com

7. Well Name: Rohn PC LD Well Number: 16-96HN

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

9. Proposed Total Measured Depth: 12015

WELL LOCATION INFORMATION

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

Latitude: 40.759270 Longitude: -103.877940

Footage at Surface: 250 feet FNL/FSL 250 feet FEL/FWL FSL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4787 13. County: WELD

14. GPS Data:

Date of Measurement: 11/10/2010 PDOP Reading: 3.7 Instrument Operator's Name: Nicole F. Hay

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

Footage at Top of Prod Zone: FNL/FSL 663 FNL 777 FWL 600 FSL 600 FEL 600 FEL
Sec: 16 Twp: 9N Rng: 58W Sec: 16 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: 296 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation: 5281 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			

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 9059.6

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):
T9N-R58W Sec 16: All

25. Distance to Nearest Mineral Lease Line: 600 ft 26. Total Acres in Lease: 640

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

Method: ☒ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Closed loop

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

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	6+0/0	15+0/0		0	100	6	100	0
SURF	12+1/4	9+5/8	36	0	600	196	600	
1ST	8+3/4	7+0/0	26	0	6,357	513	6,357	
1ST LINER	6+1/8	4+1/2	11.6	4496	12,015		12,015	

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

33. Comments First String top of cement will be 200' above Niobrara formation. Noble Energy Inc. certifies that the lease(s) shall be committed to the unit. The production liner will be hung off inside 7" casing. Distance to nearest well completed/permitted in same formation is greater than one mile.

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: Justin Garrett

Title: Regulatory Specialist Date: 1/31/2011 Email: JDGarrett@nobleenergyinc.co

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. Nesline Director of COGCC Date: 2/27/2011

API NUMBER

05 123 33023 00

Permit Number: _____ Expiration Date: 2/26/2013

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 hr notice of MIRU to Colby Horton at 970-370-0040 or colby.horton@state.co.us.
- 2) Set surface casing per Rule 317d, cement to surface. Setting surface casing less than the approved depth is a permit violation unless prior written approval is obtained from the COGCC.
- 3) If completed, provide cement coverage from the intermediate casing shoe to a minimum of 200' above Niobrara. Verify cement with a cement bond log.
- 4) 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
2537245	PLAT
400125184	FORM 2 SUBMITTED
400125227	30 DAY NOTICE LETTER
400125228	PLAT
400125229	DEVIATED DRILLING PLAN
400129111	PROPOSED SPACING UNIT

Total Attach: 6 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	HOLD OFF---All OK with SLB	2/7/2011 2:16:29 PM
Permit	ON HOLD. State Minerals comprise sec 16. Requested status of bonding with the State Land Board.--- Reviewed	2/7/2011 1:15:07 PM
Permit	Removed GWA proposed spacing unit attachment and objective formation information-- Well not in GWA--Unspaced statewide set back 318a	2/7/2011 1:13:18 PM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)