

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:

400092511

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 ☒

Refilling ☒

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: PHILLIPS Well Number: 24-3-17

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

9. Proposed Total Measured Depth: 7759

WELL LOCATION INFORMATION

10. QtrQtr: NESW Sec: 24 Twp: 5N Rng: 67W Meridian: 6

Latitude: 40.383610 Longitude: -104.843290

Footage at Surface: 2102 FNL/FSL FSL 2133 FEL/FWL FWL

11. Field Name: WATTENBERG Field Number: 90750

12. Ground Elevation: 4997 13. County: WELD

14. GPS Data:

Date of Measurement: 04/26/2010 PDOP Reading: 1.7 Instrument Operator's Name: MICHAEL CHAD DILKA

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

Footage at Top of Prod Zone: FNL/FSL 2531 FSL 1309 FWL FWL Bottom Hole: FNL/FSL 2531 FSL 1309 FWL FWL
Sec: 24 Twp: 5N Rng: 67W Sec: 24 Twp: 5N 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: 490 ft

18. Distance to nearest property line: 488 ft 19. Distance to nearest well permitted/completed in the same formation: 882 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
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#: _____

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):
T5N-R67W Section 24: NW/4, E/2SW/4, NW/4SW/4.

25. Distance to Nearest Mineral Lease Line: 1309 ft 26. Total Acres in Lease: 280

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: CLOSED LOOP

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	510	210	510	0
1ST	7+7/8	4+1/2	11.6	7,759	733	7,759	

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

33. Comments CONDUCTOR CASING WILL NOT BE USED. FIRST STRING TOP OF CEMENT WILL BE 200' ABOVE THE NIOBRARA FORMATION. THIS IS A REFILE OF API NO. 05-123-29447 WHICH WAS FILED ORIGINALLY BY PETRO-CANADA RESOURCES. NOBLE ENERGY PURCHASED PETRO-CANADA APR-2010. THIS IS PART OF A 3-WELL, MULTI-WELL PAD PERMIT WHICH INCLUDES: PROPOSED PHILLIPS 24-3-23 (REFERENCE WELL), PHILLIPS 24-3-17 AND EXISTING DL PHILLIPS 24-31. PROPOSED GWA UNIT CONFIGURATION: S/2NW/4, N/2SW/4.

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: Susan Miller

Title: Regulatory Analyst II Date: 10/20/2010 Email: smiller@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. Neslin Director of COGCC Date: 11/13/2010

API NUMBER

05 123 29447 00

Permit Number: _____ Expiration Date: 11/12/2012

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) Note surface casing setting depth change from 500' to 510'. Increase cement coverage accordingly and cement to surface. 2) Provide 24 hour notice of MIRU to Bo Brown at 970-397-4124 or e-mail at bo.brown@state.co.us. 3) Comply with Rule 317.i and provide cement coverage from TD to a minimum of 200' above Niobrara. Verify coverage with 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	Doc Description
400092511	FORM 2 SUBMITTED	LF@2606526 400092511
400092518	30 DAY NOTICE LETTER	LF@2606528 400092518
400095714	WELL LOCATION PLAT	LF@2606529 400095714
400095715	DEVIATED DRILLING PLAN	LF@2606531 400095715
400096135	PROPOSED SPACING UNIT	LF@2606532 400096135
400096136	PROPOSED SPACING UNIT	LF@2606533 400096136
400102214	PROPOSED SPACING UNIT	LF@2606535 400102214

Total Attach: 7 Files

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