

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:

400414317

Date Received:

05/06/2013

PluggingBond SuretyID

20040060

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: BARRETT CORPORATION\* BILL

4. COGCC Operator Number: 10071

5. Address: 1099 18TH ST STE 2300

City: DENVER State: CO Zip: 80202

6. Contact Name: Venessa Langmacher Phone: (303)312-8172 Fax: (303)291-0420

Email: vlangmacher@billbarrettcorp.com

7. Well Name: Pappenheim Well Number: 6-62-26-0108BH

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 10470

WELL LOCATION INFORMATION

10. QtrQtr: SWSW Sec: 23 Twp: 6N Rng: 62W Meridian: 6

Latitude: 40.466360 Longitude: -104.297420

Footage at Surface: 225 feet FSL 335 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4735 13. County: WELD

14. GPS Data:

Date of Measurement: 02/07/2013 PDOP Reading: 1.4 Instrument Operator's Name: Wyatt Hall

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  
650 FNL 620 FWL 650 FNL 620 FEL  
Sec: 26 Twp: 6N Rng: 62W Sec: 26 Twp: 6N Rng: 62W

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: 1689 ft

18. Distance to nearest property line: 225 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 995 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	535-4	640	All

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):

Please see lease map.

25. Distance to Nearest Mineral Lease Line: 620 ft

26. Total Acres in Lease: 3720

### 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	20	16	65	0	60	50	60	0
SURF	13+1/2	9+5/8	36	0	800	430	800	0
1ST	8+3/4	7	26	0	6,806	580	6,806	0
1ST LINER	6+1/8	4+1/2	11.6	6000	10,470			

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

33. Comments This well is being sidetracked because of downhole conditions differing from what was anticipated. Verbal approval has been recieved by Ryan Hollinshead to proceed. BBC plans to open hole sidetrack the 6 1/8" hole at approximately 8677' MD. BHL will remain the same. TVD will be at 6340'. Original API #05-123-37090.

34. Location ID: 432385

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: Venessa Langmacher

Title: Senior Permit Analyst

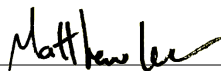
Date: 5/6/2013

Email: vlangmacher@billbarrettcorp.co

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: 6/24/2013

#### API NUMBER

05 123 37090 01

Permit Number: \_\_\_\_\_

Expiration Date: 6/23/2015

#### 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.

Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area.

### **Attachment Check List**

Att Doc Num	Name
400414317	FORM 2 SUBMITTED

Total Attach: 1 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Final Review Completed. No LGD or public comment received. This form is a sidetrack for 123-37090-00 Pappenheim 6-62-26-0108BH	6/21/2013 8:53:33 AM
Engineer	No existing wells within 500' of proposed directional.	5/28/2013 11:01:54 AM
Permit	Passed completeness.	5/7/2013 7:10:12 AM

Total: 3 comment(s)

### **BMP**

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