

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:

400261645

Date Received:

03/16/2012

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: Mary Pobuda Phone: (303)312-8511 Fax: (303)291-0420

Email: mpobuda@billbarrettcorp.com

7. Well Name: 70 Ranch Well Number: 5-63-22-58H

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

9. Proposed Total Measured Depth: 10902

WELL LOCATION INFORMATION

10. QtrQtr: NENE Sec: 22 Twp: 5N Rng: 63W Meridian: 6

Latitude: 40.391390 Longitude: -104.415110

Footage at Surface: 250 feet FNL 660 feet FEL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4637 13. County: WELD

14. GPS Data:

Date of Measurement: 03/22/2011 PDOP Reading: 1.2 Instrument Operator's Name: Brian Brinkman

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  
600 FNL 650 FEL 600 FSL 650 FEL  
Sec: 22 Twp: 5N Rng: 63W Sec: 22 Twp: 5N Rng: 63W

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: 3150 ft

18. Distance to nearest property line: 250 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1050 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		160	GWA

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC063737

22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian

23. Is the Surface Owner also the Mineral Owner? ☐ Yes ☒ No Surface Surety ID#: 20040097

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):

Lease description: Sec 22; E2E2,W2E2,W2

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

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

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Evap & Bury

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	13+1/2	9+5/8	36	0	1,500	740	1,500	0
1ST	8+3/4	7	26	0	6,466	510	6,466	1,300
1ST LINER	6+1/8	4+1/2	11.6	6466	10,902			

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

33. Comments Conductor casing will not be set.

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: Mary Pobuda

Title: Permit Analyst Date: 3/16/2012 Email: mpobuda@billbarrettcorp.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: 6/13/2012

#### API NUMBER

05 123 35773 00

Permit Number: \_\_\_\_\_ Expiration Date: 6/12/2014

#### 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 of MIRU via an electronic Form 42.
- 2) Comply with Rule 317.i and provide cement coverage from the end of the production casing to a minimum of 200' above the Niobrara. Verify coverage with a cement bond log.
- 3) Comply with Rule 321. Run and submit Directional Survey from the TD to surface. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well.

Operator must meet water well sampling requirements as per Rule 318A.

### **Attachment Check List**

Att Doc Num	Name
2481517	SURFACE CASING CHECK
2532243	PROPOSED SPACING UNIT
2532504	EXCEPTION LOC WAIVERS
2532505	30 DAY NOTICE LETTER
400261645	FORM 2 SUBMITTED
400262225	DEVIATED DRILLING PLAN
400262226	WELL LOCATION PLAT
400262435	DIRECTIONAL DATA

Total Attach: 8 Files

### **General Comments**

User Group	Comment	Comment Date
Permit	Final review completed; no LGD or public comment received.	3/6/2012 2:20:29 PM
Permit	Operator provided clarification as to the extent of lease or leases.	3/6/2012 2:18:46 PM
Permit	Notified the BLM. Proposed horizontal well is to be drilled through Federal minerals. Operator discussion with the BLM required: Un-leased Federal minerals cannot be drilled upon/produced without a Federal drilling permit regardless of spacing order.	3/6/2012 2:16:48 PM
Permit	On hold - waiting on lease clarification.	3/6/2012 8:08:05 AM
Permit	Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Operator requests an exception location to 318Aa, 318Ac: Exception request and waiver attached.	3/6/2012 8:02:55 AM
Permit	Requested an update on the exception waiver. (318Aa)	3/4/2012 1:37:56 PM
Permit	Updated permit with proposed spacing unit attachments.	4/18/2012 2:28:57 PM
Permit	On hold - Waiting for surface exception location request and waiver to 318Aa.	3/19/2012 2:33:02 PM
Permit	On hold - Waiting on proposed spacing unit attachments	3/19/2012 2:26:02 PM
Permit	Operator corrected conductor statement, mud disposal, and directional data. This form has passed completeness.	3/19/2012 11:49:27 AM
Permit	Returned to draft. Missing conductor information, mud disposal, and error on directional data.	3/19/2012 7:26:41 AM

Total: 11 comment(s)

### **BMP**

Type	Comment

Total: 0 comment(s)