

**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: Pappenheim Well Number: 6-62-26-8H  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 10601

**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

**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 attached 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	10,601			

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

33. Comments This well is an exception location, attached is a waiver from the surface owner for rule 318Aa.

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: 3/11/2013 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: Matthew Lee Director of COGCC Date: 4/3/2013

API NUMBER **05 123 37090 00** Permit Number: \_\_\_\_\_ Expiration Date: 4/2/2015

**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 of intermediate casing 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.

Operator must meet water well testing requirements per Rule 318A.

### **Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.

### **Attachment Check List**

Att Doc Num	Name
2233906	WELL LOCATION PLAT
2233918	SURFACE AGRMT/SURETY
2233919	SURFACE AGRMT/SURETY
2233921	EXCEPTION LOC WAIVERS
400387900	FORM 2 SUBMITTED
400389876	WELL LOCATION PLAT
400389878	DEVIATED DRILLING PLAN
400389881	DIRECTIONAL DATA
400389883	OFFSET WELL EVALUATION
400390123	EXCEPTION LOC REQUEST
400390125	EXCEPTION LOC WAIVERS
400390127	LEASE MAP

Total Attach: 12 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.	4/2/2013 12:19:26 PM
Permit	Operator requests approval of an exception location to order 535-4: Wellhead is to be located in a different section then production. Request and Waiver attached.	4/2/2013 12:19:09 PM
Engineer	No existing wells within 500' of proposed directional.	3/20/2013 3:09:37 PM
Permit	Per operator attached plat, requested location drawing, corrected right to construct, distance to nearest road, and attached SUA.	3/14/2013 2:09:52 PM
Permit	Operator requests approval of a Rule 318Aa exception location: Wellhead is to be located outside of a GWA drilling window. Request and Waiver attached.	3/13/2013 7:33:54 AM
Permit	Requested information on right to construct, additional plat to show BHL, abandonment of 123-33645, and exception waiver and request to order 535-4. Initial review complete.	3/13/2013 7:32:50 AM
Permit	Operator added attachments. Ready to pass completeness.	3/12/2013 10:02:44 AM
Permit	Returned to draft. Missing Exception Location Request Missing Exception Location Waiver Missing Lease Map	3/12/2013 9:50:52 AM

Total: 8 comment(s)

**BMP**

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

Total: 0 comment(s)