

**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

Document Number:  
400149495

Plugging Bond Surety  
20040060

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: Miller      Well Number: 44C-36-692

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

9. Proposed Total Measured Depth: 7349

**WELL LOCATION INFORMATION**

10. QtrQtr: lot 4      Sec: 6      Twp: 7S      Rng: 91W      Meridian: 6  
Latitude: 39.475329      Longitude: -107.604566

Footage at Surface:      540      feet      FNL/FSL      FNL      371      feet      FEL/FWL      FWL

11. Field Name: Mamm Creek      Field Number: 52500

12. Ground Elevation: 6092      13. County: GARFIELD

14. GPS Data:  
Date of Measurement: 07/08/2010      PDOP Reading: 6.0      Instrument Operator's Name: James A. Kalmon

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

885      FSL      659      FEL      885      FSL      659      FEL

Sec: 36      Twp: 6S      Rng: 92W      Sec: 36      Twp: 6S      Rng: 92W

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: 264

18. Distance to nearest property line: 1136 ft      19. Distance to nearest well permitted/completed in the same formation: 314 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.) |
|------------------------|----------------|-------------------------|-------------------------------|--------------------------------------|
| ILes                   | ILES           | 191-10                  | 40                            | SESE                                 |
| Williams Fork          | WMFK           | 191-8                   | 40                            | SESE                                 |

21. Mineral Ownership:       Fee       State       Federal       Indian      Lease #: CO10284

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):

See attached lease map

25. Distance to Nearest Mineral Lease Line: 885 ft 26. Total Acres in Lease: 857

### 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 |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|
| CONDUCTOR   | 24           | 14             | 36    | 0             | 40            |           | 40      | 0       |
| SURF        | 12+1/4       | 9+5/8          | 36    | 0             | 696           | 230       | 696     | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6  | 0             | 7,386         | 820       | 7,386   | 2,720   |

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

33. Comments Miller pad #9. Conductor set with grout. 8 3/4" hole drilled to 5000 feet, then 7 7/8" hole to TD. Please see attached exception setback acknowledgment letter from Encana.

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: \_\_\_\_\_ Email: mpobuda@billbarrettcorp.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: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

API NUMBER

05

Permit Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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.

### Attachment Check List

| Att Doc Num | Name                   |
|-------------|------------------------|
| 400151861   | SURFACE AGRMT/SURETY   |
| 400165859   | DEVIATED DRILLING PLAN |
| 400165861   | WELL LOCATION PLAT     |
| 400182638   | MULTI-WELL PLAN        |
| 400182639   | LEASE MAP              |
| 400182640   | EXCEPTION LOC WAIVERS  |

Total Attach: 6 Files

### General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
|                   |                |                     |

Total: 0 comment(s)

### BMP

| <u>Type</u> | <u>Comment</u> |
|-------------|----------------|
|             |                |

Total: 0 comment(s)