



Document Number:

400149236

Plugging Bond Surety

20040060

**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 ☒

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)312-8531 Fax: (303)291-0420  
Email: mpobuda@billbarrettcorp.com

7. Well Name: Miller Well Number: 13D-6-791

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

9. Proposed Total Measured Depth: 6824

**WELL LOCATION INFORMATION**

10. QtrQtr: Lot 4 Sec: 6 Twp: 7S Rng: 91W Meridian: 6  
Latitude: 39.475304 Longitude: -107.604534

Footage at Surface: 549 feet FNL/FSL 381 feet FEL/FWL  
FNL FWL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 6094 13. County: GARFIELD

**14. GPS Data:**

Date of Measurement: 07/08/2010 PDOP Reading: 6.0 Instrument Operator's Name: Jim Kalmon

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

Footage at Top of Prod Zone: FNL/FSL 459 FNL 648 FWL 459 FNL 648 FWL  
Bottom Hole: FNL/FSL 459 FNL 648 FWL  
Sec: 6 Twp: 7S Rng: 91W Sec: 6 Twp: 7S Rng: 91W

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: 274 ft

18. Distance to nearest property line: 1127 ft 19. Distance to nearest well permitted/completed in the same formation: 309 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.)
Iles	ILES	191-10		
Williams Fork	WMFK	191-8		

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: 420 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	681	220	681	0
1ST	7+7/8	4+1/2	11.6	0	6,824	780	6,824	2,380

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 approximately 5000 feet, then 7 7/8" hole to TD. Surface casing 10% of TVD.

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: 6/7/2011 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: David S. Neslin Director of COGCC Date: 7/14/2011

#### API NUMBER

05 045 20851 00

Permit Number: \_\_\_\_\_ Expiration Date: 7/13/2013

#### 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.) THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 600 FEET DEEP (BOTTOM PERF 399').

2.) PRODUCTION CASING CEMENT TOP VERIFICATION BY CBL REQUIRED.

### **Attachment Check List**

Att Doc Num	Name
400149236	FORM 2 SUBMITTED
400151677	SURFACE AGRMT/SURETY
400165830	DEVIATED DRILLING PLAN
400165831	WELL LOCATION PLAT

Total Attach: 4 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Sent back to draft due to server malfunction	4/4/2011 1:38:40 PM

Total: 1 comment(s)

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Total: 0 comment(s)