

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400149433

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: Miller Well Number: 44A-36-692
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_
9. Proposed Total Measured Depth: 7110

## WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 6 Twp: 7S Rng: 91W Meridian: 6  
Latitude: 39.475285 Longitude: -107.604572

			FNL/FSL		FEL/FWL
Footage at Surface:	556	feet	FNL	370	feet
					FWL

11. Field Name: Mamm Creek Field Number: 52500  
12. Ground Elevation: 6093 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						
<u>255</u>		<u>FSL</u>		<u>659</u>		<u>FEL</u>		<u>255</u>		<u>FSL</u>		<u>659</u>		<u>FEL</u>			
Sec:	36	Twp:	6S	Rng:	92W	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 ft

18. Distance to nearest property line: 1138 ft 19. Distance to nearest well permitted/completed in the same formation: 314 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.)
Williams Fork	WMFK	191-8	40	SESE

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):

See attached lease map

25. Distance to Nearest Mineral Lease Line: 255 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	686	220	686	0
1ST	7+7/8	4+1/3	11.6	0	7,114	800	7,114	2,576

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: 424213

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: 7/7/2011 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: 8/20/2011

#### API NUMBER

05 045 20976 00

Permit Number: \_\_\_\_\_ Expiration Date: 8/19/2013

#### 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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.

2) GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

3) NEW MAMM CREEK FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE

4) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY – PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDER NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010) -- IS REQUIRED. SEE ATTACHED NOTICE.

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

### **Attachment Check List**

Att Doc Num	Name
2089465	LEASE MAP
400149433	FORM 2 SUBMITTED
400151858	SURFACE AGRMT/SURETY
400165836	WELL LOCATION PLAT
400165837	DEVIATED DRILLING PLAN
400182622	MULTI-WELL PLAN
400182624	LEASE MAP
400182626	EXCEPTION LOC WAIVERS

Total Attach: 8 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Attached correct lease map	8/19/2011 5:03:32 PM
Permit	Spoke to Mary Pobuda about issues and changed signature on lease to no	8/8/2011 11:43:30 AM
Permit	Changed zone type to single and commingle to no Attached lease map does not cover bhl removed lease number and added location id	3/5/2011 4:11:00 PM
Permit	Sent back to draft due to server malfunction	4/4/2011 1:39:41 PM

Total: 4 comment(s)

### **BMP**

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

Total: 0 comment(s)