

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

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



DE	ET	OE	ES
----	----	----	----

Document Number:

400027432

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: Tracey Fallang Phone: (303)312-8134 Fax: (303)291-0420
Email: tfallang@billbarrettcorp.com

7. Well Name: McAfee Well Number: 3H-19-38-16

8. Unit Name (if appl): _____ Unit Number: _____

9. Proposed Total Measured Depth: 10010

WELL LOCATION INFORMATION

10. QtrQtr: NENW Sec: 19 Twp: 38N Rng: 16W Meridian: N

Latitude: 37.543490 Longitude: -108.658450

Footage at Surface: 400 FNL/FSL 1980 FEL/FWL FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 7079 13. County: MONTEZUMA

14. GPS Data:

Date of Measurement: 11/04/2008 PDOP Reading: 3.3 Instrument Operator's Name: Gerald (Andersen Engineering)

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

Footage at Top of Prod Zone: FNL/FSL 864 FNL 1980 FEL/FWL FWL Bottom Hole: FNL/FSL 460 FSL 1980 FEL/FWL FWL
Sec: 19 Twp: 38N Rng: 16W Sec: 19 Twp: 38N Rng: 16W

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: 380 ft

18. Distance to nearest property line: 400 ft 19. Distance to nearest well permitted/completed in the same formation: 2508 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.)
GOTHIC	GOSH	533-1	1280	Sec. 18 and 19

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):
 Spacing Unit No. #9: Section 18: Lots 1 (37.21), 2 (37.47), 3 (37.73), and 4 (37.99), E½ W½ and E½ and Section 19: Lots 1 (38.18), 2 (38.31), 3 (38.44), and 4 (38.57), E½ W½ and E½

25. Distance to Nearest Mineral Lease Line: 460 ft 26. Total Acres in Lease: 1280

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? ☐ Yes ☒ No If 28, 29, or 30 are "Yes" a pit permit may be required.

31. Mud disposal: ☐ Offsite ☒ Onsite

Method: ☐ Land Farming ☐ Land Spreading ☐ Disposal Facility Other: Evaporation and Backfilling

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	26	16	65#	40		40	0
SURF	12+1/4	9+5/8	36#	2,000	690	2,000	0
1ST	8+3/4	7	23 or 26#	5,990	800	5,990	0
2ND	6+1/8	4+1/2	11.6/15.1	10,010			

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

33. Comments The current permit for this well expires 2/12/2010. Rule 305/306 consultations were waived (see attached surface damage agreement). BBC has also attached a previously approved sundry allowing for casing and cementing options for this well. These options are still necessary. final BMP's attached to form 2A. 6/23/10 plg.

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: Tracey Fallang

Title: Regulatory Analyst Date: 1/11/2010 Email: tfallang@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. Nash Director of COGCC Date: 8/1/2010

Permit Number: _____ Expiration Date: 7/31/2012

API NUMBER

05 083 06663 00

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) Conditions stated in the NOTICE TO OPERATOR dated January 29, 2010 will apply! 2) Provide 48 hour spud notice to COGCC field inspector Leslie Melton (970) 375-6419 or les.melton@state.co.us 3) If cement top drops out of eyesight following circulation on the 9 5/8" surface casing, conduct temperature survey; do so prior to re-cementing with one inch pipe; submit survey w/ completion report 4) If there are indications of significant cement top dropping following circulation on the 7" intermediate casing, conduct temperature survey; submit survey w/ completion report (cmt top must at least 200' above the shallowest hydrocarbon zone) 5) It is the operator's responsibility to ensure that the well bore complies with setback requirements in Commission orders and/or rules prior to producing the well. 6) Run and submit Directional Survey for the directional portion of the well 7) If the 4 1/2" production casing is cemented, run and submit a CBL

Attachment Check List

Att Doc Num	Name	Doc Description
1857093	SELECTED ITEMS REPORT	LF@2221811 1857093
400027435	WELL LOCATION PLAT	LF@2216297 400027435
400027436	TOPO MAP	LF@2216298 400027436
400027437	SURFACE AGRMT/SURETY	LF@2216299 400027437
400027776	OTHER	LF@2216300 400027776
400027777	DEVIATED DRILLING PLAN	LF@2216301 400027777
400027875	FORM 2 SUBMITTED	LF@2216302 400027875

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
LGD	On January 18, 2010, the Board of County Commissioners for Montezuma County approved the expansion of the already permitted well pad from 4 acres to 6 +/- acres.	7/31/2010 9:54:25 PM

Total: 1 comment(s)