

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



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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 ☐

Document Number:

400052645

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

7. Well Name: Chappell Well Number: 15S-15-37-17

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

9. Proposed Total Measured Depth: 10409

WELL LOCATION INFORMATION

10. QtrQtr: SWSE Sec: 15 Twp: 37N Rng: 17W Meridian: N
Latitude: 37.457370 Longitude: -108.707920

Footage at Surface: 300 FNL/FSL FSL 1980 FEL/FWL FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 6686 13. County: MONTEZUMA

14. GPS Data:

Date of Measurement: 12/02/2009 PDOP Reading: 1.7 Instrument Operator's Name: T. Barbee

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

Footage at Top of Prod Zone: FNL/FSL 610 FNL 1984 FEL FEL Bottom Hole: FNL/FSL 660 FSL 1980 FEL FEL
Sec: 22 Twp: 37N Rng: 17W Sec: 22 Twp: 37N Rng: 17W

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: 310 ft

18. Distance to nearest property line: 300 ft 19. Distance to nearest well permitted/completed in the same formation: 1320 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	Statewide		

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 75-8198-A

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):
E2, T37N-17W, Sec. 22

25. Distance to Nearest Mineral Lease Line: 657 ft 26. Total Acres in Lease: 360

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	80		80	0
SURF	12+1/4	9+5/8	36	2,000	760	2,000	0
1ST	8+3/4	7	23 or 26	5,968	800	5,968	0
2ND	6+1/8	4+1/2	11.6/15.1	10,409			

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

33. Comments Rule 305/306 consultations were waived. A sundry is also attached to this APD to request options for casing and cementing programs.

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: 4/9/2010 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. Neslin Director of COGCC Date: 5/9/2010

API NUMBER

05 083 06683 00

Permit Number: _____ Expiration Date: 5/8/2012

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 cement top drops out of eyesight 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/perfs 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
1857125	SELECTED ITEMS REPORT	LF@2453471 1857125
400053898	DEVIATED DRILLING PLAN	LF@2451049 400053898
400053900	OTHER	LF@2451050 400053900
400053901	SURFACE AGRMT/SURETY	LF@2451051 400053901
400053902	WELL LOCATION PLAT	LF@2451052 400053902
400053905	TOPO MAP	LF@2451054 400053905
400054171	FORM 2 SUBMITTED	LF@2451055 400054171

Total Attach: 7 Files