

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



Document Number:

400261951

Date Received:

03/15/2012

PluggingBond SuretyID

20040060

## APPLICATION FOR PERMIT TO:

1.  Drill,  Deepen,  Re-enter,  Recomplete and Operate

### 2. TYPE OF WELL

OIL  GAS  COALBED  OTHER Horizontal no pilot  
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: BRADY RILEY Phone: (303)312-8115 Fax: (303)291-0420

Email: BRILEY@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 feet FSL 1980 feet 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 FEL/FWL Bottom Hole: FNL/FSL FEL/FWL  
610 FNL 1984 FEL 660 FSL 1980 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(BHL): 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 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	26	16	65	0	80		80	0
SURF	12+1/4	9+5/8	36	0	2,000	760	2,000	0
1ST	8+3/4	7	26	0	5,968	800	5,968	0
1ST LINER	6+1/8	4+1/2	11.6	0	10,409	0	0	0

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

33. Comments This APD is being submitted to request an extension to the permit that expires 5/8/12. APD is updated with new casing and cementing program that was sundried (see attached). Nothing else has been changed since last reviewed/approved. Rule 305/306 consultations were waived.

34. Location ID: 417084

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: BRADY RILEY

Title: PERMIT ANALYST Date: 3/15/2012 Email: BRILEY@BILLBARRETTCORP

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: 4/12/2012

**API NUMBER**

05 083 06683 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/11/2014

**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 (see attached CORRESPONDENCE)
- 2) Minimal H2S operational procedures and equipment is required (see attached H2S CONTINGENCY PLAN)
- 3) Provide 48 hr spud notice to COGCC inspector Steve Labowskie (970) 259-0945 or steve.labowkie@state.co.us

Include the following in the notice:

Operator Name  
 Well Name and Number  
 API #  
 Legal Location  
 Spud Date

Company Rig Supervisor:

Name  
 Phone Number  
 Email address

4) 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.

5) Run and submit directional survey(s) for the directional portion of the well

6) Conditions of Approval for Optional Casing Designs

Option A

7" intermediate casing cemented to surface  
 4 ½" production casing is not cemented and external swell packers in place

Run CBL on 7" casing (rule 317 o.)

Option B

7" intermediate casing cemented to surface  
 4 ½" production casing is cemented to surface

Run temperature survey on the 7" intermediate casing after cementing (rule 207 a.)  
 Run CBL on 4 ½" production casing (rule 317 o.)

Option C

7" intermediate casing cemented to surface  
 4 ½" liner is cemented in place

Run CBL on both 7" intermediate and 4 ½" casings (rule 317 o.)

### **Attachment Check List**

Att Doc Num	Name
1792452	CORRESPONDENCE
1857229	H2S CONTINGENCY PLAN
1857232	H2S CONTINGENCY PLAN
400261951	FORM 2 SUBMITTED
400261963	TOPO MAP
400261964	WELL LOCATION PLAT
400261965	SURFACE AGRMT/SURETY
400261966	DEVIATED DRILLING PLAN
400261967	OTHER

Total Attach: 9 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Final review completed.	4/10/2012 7:15:01 AM
Permit	Proper bonding is in place according to Tim Kelly of the State Land Board.	3/26/2012 2:20:34 PM
Permit	Requested that Barrett not submit sundries as attachments.	3/26/2012 1:42:21 PM

Total: 3 comment(s)

**BMP**

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

Total: 0 comment(s)