

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

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 ☐

PluggingBond SuretyID

20040060

3. Name of Operator: BARRETT CORPORATION* BILL4. COGCC Operator Number: 100715. Address: 1099 18TH ST STE 2300City: DENVER State: CO Zip: 802026. Contact Name: BRADY RILEY Phone: (303)312-8115 Fax: (303)291-0420Email: BRILEY@BILLBARRETTCORP.COM7. 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: NLatitude: 37.457370 Longitude: -108.707920

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

11. Field Name: WILDCAT Field Number: 9999912. Ground Elevation: 6686 13. County: MONTEZUMA

14. GPS Data:

Date of Measurement: 12/02/2009 PDOP Reading: 1.7 Instrument Operator's Name: T. BARBEE15. 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 ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 310 ft18. 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-A22. Surface Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian23. 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 ☐ No23b. 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

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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

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

Total: 0 comment(s)