

FORM  
2

Rev  
12/05

# State of Colorado Oil and Gas Conservation Commission

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Date Received:

06/18/2013

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: Venessa Langmacher Phone: (303)312-8172 Fax: (303)291-0420  
Email: vlangmacher@billbarrettcorp.com

7. Well Name: 70 Ranch Well Number: 4-63-03-3225CDH

8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_

9. Proposed Total Measured Depth: 11187

## WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 3 Twp: 4N Rng: 63W Meridian: 6

Latitude: 40.339470 Longitude: -104.432790

Footage at Surface: 2040 feet FSL 234 feet FWL

11. Field Name: Wattenberg Field Number: 90750

12. Ground Elevation: 4559 13. County: WELD

### 14. GPS Data:

Date of Measurement: 01/10/2013 PDOP Reading: 1.4 Instrument Operator's Name: Wyatt Hall

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  
2222 FNL 600 FWL 2331 FNL 500 FEL  
Sec: 3 Twp: 4N Rng: 63W Sec: 3 Twp: 4N Rng: 63W

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: 182 ft

18. Distance to nearest property line: 234 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1040 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.)
CODELL	CODL		320	GWA

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#: 20040097

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 Lease Map Attached.

25. Distance to Nearest Mineral Lease Line: 0 ft 26. Total Acres in Lease: 158

### 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: \_\_\_\_\_

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	20	16	65	0	60	50	60	0
SURF	13+1/2	9+5/8	36	0	800	430	800	0
1ST	8+3/4	7	26	0	7039	590	7039	600
1ST LINER	6+1/8	4+1/2	11.6	6200	11187			

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

33. Comments This is an exception location to Rule 318Aa and 318Ac. The proposed spacing unit is 320 acres: S/2N/2 and N/2S/2. "The horizontal portion of the wellbore will cross through more than one lease therefore the distance to the nearest lease line is zero"

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: Venessa Langmacher

Title: Sr Permit Analyst Date: 6/18/2013 Email: vlangmacher@billbarrettcorp.co

Operator must have a valid water right or permit allowing for industrial use or purchased water from a seller that has a valid water right or permit allowing for industrial use, otherwise an application for a change in type of use is required under Colorado law. Operator must also use the water in the location set forth in the water right decree or well permit, otherwise an application for a change in place of use is required under Colorado law. Section 37-92-103(5), C.R.S. (2011).

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: *Matthew Lee* Director of COGCC Date: 9/8/2013

API NUMBER: **05 123 37931 00** Permit Number: \_\_\_\_\_ Expiration Date: 9/7/2015

**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.**

<b>COA Type</b>	<b>Description</b>
	1) Provide 48 hour notice prior to spud via electronic Form 42. 2) Provide cement coverage to a minimum of 200' above Niobrara. Verify coverage with cement bond log. 3) Run and submit Directional Survey from TD to base of surface casing. Ensure that the wellbore complies with setback requirements in commission orders or rules prior to producing the well. Evaluated any existing wells within 500' of proposed directional.

**Applicable Policies and Notices to Operators**

Notice Concerning Operating Requirements for Wildlife Protection.
Policy for Bradenhead Monitoring During Hydraulic Fracturing Treatments in the Greater Wattenberg Area.

**Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
1792794	SURFACE OWNER CONSENT
1792795	VARIANCE REQUEST
400435003	FORM 2 SUBMITTED
400435177	DIRECTIONAL DATA
400435180	DEVIATED DRILLING PLAN
400435187	LEASE MAP
400435188	PLAT
400435192	OFFSET WELL EVALUATION
400435195	PROPOSED SPACING UNIT
400435196	PROPOSED SPACING UNIT

Total Attach: 10 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Permit	Final review completed. No LGD or public comments.	3/4/2013 6:57:30 AM
Engineer	Evaluated any existing wells within 1500' of proposed directional.	7/8/2013 4:42:31 PM
Permit	Operator requested change in distance to the nearest lease line to zero.	7/2/2013 6:43:49 AM
Permit	Requested explanation concerning the distance to the nearest lease line. Form says 500' but the lease map appears to cross lease lines therefore the nearest distance would be zero.	7/1/2013 2:49:57 PM
Permit	Exception Location Request and Waiver will be provided as soon as available. This form has passed completeness.	6/19/2013 11:25:29 AM

Total: 5 comment(s)

**Best Management Practices**

<b>No</b>	<b>BMP/COA Type</b>	<b>Description</b>