

FORM
2

Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



Document Number:

400439880

Date Received:

06/27/2013

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: Anschutz Sandborn Well Number: 7-20H

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

9. Proposed Total Measured Depth: 10401

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 20 Twp: 5N Rng: 61W Meridian: 6

Latitude: 40.381661 Longitude: -104.224722

Footage at Surface: 912 feet FSL 301 feet FEL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4640 13. County: WELD

14. GPS Data:

Date of Measurement: 01/16/2011 PDOP Reading: 1.2 Instrument Operator's Name: Robert Kay

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
1230 FSL 612 FEL 600 FNL 2639 FEL
Sec: 20 Twp: 5N Rng: 61W Sec: 20 Twp: 5N Rng: 61W

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: 301 ft

18. Distance to nearest property line: 301 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1262 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.)
NIOBRARA	NBRR	535-4	640	Sec. 20:All

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):

lease description in well file.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 960

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	42	0	60	50	60	0
SURF	13+1/2	9+5/8	36	0	800	420	800	0
1ST	8+3/4	7	23	0	6371	675	6371	0
1ST LINER	6	4+1/2	11.6	5621	10401	295	10401	5621

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

33. Comments Please note that Bill Barrett Corporation (BBC) acquired this permit from EOG in July 2012. I certify that there have been no changes from the existing approved permit.

34. Location ID: 424412

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: Senior Permit Analyst

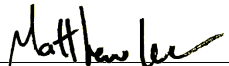
Date: 6/27/2013

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: _____



Director of COGCC

Date: 10/23/2013

API NUMBER

05 123 34019 00

Permit Number: _____ Expiration Date: 10/22/2015

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.

Description

- 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.

Operator acknowledges the proximity of the following wells:

MCPHERSON #3 (123-05179), JACOBS/MGF #R-1 (123-13021), WEST RIVERSIDE #20-2 (123-22831). Operator agrees to: provide mitigation option 1, 2 or 3 (per the DJ Basin Horizontal Offset Policy) to mitigate the situation, ensure all applicable documentation is submitted based on the selected mitigation option chosen, and submit a Form 42 ("OTHER – AS SPECIFIED BY PERMIT CONDITION") stating what appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well.

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**Att Doc Num** **Name**

1534961	OFFSET WELL EVALUATION
400439880	FORM 2 SUBMITTED

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Oper. corrected dist. to nearest well. Distance to nearest unit boundary is 600'. No LGD or public comments. Final Review--passed.	10/23/2013 7:22:54 AM
Permit	Operator advised that if location is not built prior to 2A expiration, an amended 2A must be submitted and approved prior to building location. Req'd review of dist. to nearest well permitted.	10/17/2013 1:52:06 PM
Engineer	8/6/13 - Received offset well evaluation sheet. Operator states Option 3 will be used for remediation. Removed hold.	8/13/2013 1:44:50 PM
Engineer	Operator responded: from: Venessa Langmacher to: "Sutphin - DNR, Dirk" date: Wed, Jul 17, 2013 at 10:59 AM subject: RE: Offset Well Evaluation, Doc [#400439880] Well Name: Anschutz Sandborn 7-20H Proper mitigation per the DJ Basin Horizontal Offset Policy, will be provided prior to the stimulation of the proposed well. Emailed her back: There is no standard "Offset Well Evaluations" document attached to these permits. Please see DJ Basin Horizontal Offset Policy June 20, 2013. Would you wish to indicate which remediation you will go with?	7/18/2013 11:39:34 AM
Engineer	On Hold - Wells within 1500' of the proposed directional plan lack adequate formation isolation: MCPHERSON #3, 123-05179, (lacks Niobrara isolation). JACOBS/MGF #R-1, 123-13021, (lacks Niobrara isolation). WEST RIVERSIDE #20-2, 123-22831, (lacks Niobrara isolation). Emailed operator rep (vlangmacher@billbarrettcorp.com).	7/15/2013 4:57:53 PM
Permit	Passed completeness.	6/28/2013 10:43:48 AM

Total: 6 comment(s)

Best Management Practices

No BMP/COA Type

Description

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