

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:

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Date Received:

06/27/2011

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: Mary Pobuda Phone: (303)312-8511 Fax: (303)291-0420

Email: mpobuda@billbarrettcorp.com

7. Well Name: Sandborn Well Number: 20-14H

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

9. Proposed Total Measured Depth: 10627

WELL LOCATION INFORMATION

10. QtrQtr: SESE Sec: 14 Twp: 5N Rng: 61W Meridian: 6

Latitude: 40.394769 Longitude: -104.167286

Footage at Surface: 280 feet FNL/FSL 320 feet FEL/FWL FEL

11. Field Name: WILDCAT Field Number: 99999

12. Ground Elevation: 4622 13. County: WELD

14. GPS Data:

Date of Measurement: 05/30/2012 PDOP Reading: 5.8 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 600 FSL 600 FEL 600 FEL/FWL 600 FSL 600 FEL 600 FWL 600
Sec: 14 Twp: 5N Rng: 61W Sec: 14 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: 5280 ft

18. Distance to nearest property line: 2408 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 2700 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	407-703	640	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#: 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 ATTACHED LEASE DESCRIPTION

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 320

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	26	0	6,496	510	6,496	600
1ST LINER	6+1/8	4+1/2	11.6	6659	10,627			

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

33. Comments Distance to nearest well permitted/completed in the same formation was calculated from the BHL of the Proghorn 31-34-15HZ to the SHL of the proposed Sandborn 20-14H. No cement tops for 1st liner (packers are being utilized).

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: Kaylene R. Gardner

Title: Sr. Regulatory Specialist

Date: 6/27/2011

Email: kaylene_gardner@eogresource

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: 3/13/2013

API NUMBER

05 123 36950 00

Permit Number: _____

Expiration Date: 3/12/2015

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.

Operator must meet water well sampling requirements as per Rule 318A.

- 1) Provide 48 hour notice prior to spud via electronic Form 42.
- 2) Provide cement coverage from base of intermediate casing 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.

Applicable Policies and Notices to Operators

Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
2170270	SURFACE CASING CHECK
2288975	CORRESPONDENCE
2532760	EXCEPTION LOC WAIVERS
400300126	FORM 2 SUBMITTED
400300217	PLAT
400300218	DEVIATED DRILLING PLAN
400300222	LEGAL/LEASE DESCRIPTION
400301187	DIRECTIONAL DATA

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Input spacing order number. Final Review Completed. No LGD or public comment received.	3/12/2013 10:36:02 AM
Permit	Horizontal wellbore crosses lease lines within drilling and spacing unit; distance to lease line is 0'; distance to unit boundary is 600'.	3/12/2013 10:36:00 AM
Permit	Changed operator from EOG to Bill Barrett Corporation. Bill Barrett Corporation acquired this permit from EOG. Please see attached correspondence. Corrected plugging bond and operator contact information.	3/6/2012 1:19:36 PM
Permit	Updated permit with exception loc request.	7/3/2012 11:34:30 AM
Permit	Waiting on form 2A	7/2/2012 6:27:55 AM
Permit	On hold- Operator must submit a proposed wellbore spacing unit 30 day cert letter and map of the proposed wellbore spacing unit. Or space the section.	7/2/2012 6:24:34 AM
Permit	On hold - Waiting on exception request and waiver for 318Aa (drilling from outside drilling windows)	7/2/2012 6:17:03 AM
Permit	Line 22b fixed. Measured depth and TVD on deviated drilling plan is still off a few feet from the directional template. Ok to pass per Larry.	6/29/2012 2:37:24 PM
Permit	Returned to draft. Needs surface bond number line 22b. Deviated drilling plan and directional template are slightly off.	6/29/2012 1:10:42 PM

Total: 9 comment(s)

BMP

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

Total: 0 comment(s)