

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:

400450024

Date Received:

07/18/2013

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 ☐

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: Venessa Langmacher Phone: (303)312-8172 Fax: (303)291-0420Email: vlangmacher@billbarrettcorp.com7. Well Name: Dutch Lake Well Number: 03-03H

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

9. Proposed Total Measured Depth: 10933

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 3 Twp: 6N Rng: 62W Meridian: 6Latitude: 40.522517 Longitude: -104.316964

Footage at Surface: 326 feet FNL 301 feet FWL

11. Field Name: WATTENBERG Field Number: 9075012. Ground Elevation: 4862 13. County: WELD

14. GPS Data:

Date of Measurement: 12/16/2010 PDOP Reading: 2.2 Instrument Operator's Name: Robert Kay15. 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
600 FNL 600 FWL 600 FNL 600 FEL
 Sec: 3 Twp: 6N Rng: 62W Sec: 3 Twp: 6N Rng: 62W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 298 ft18. Distance to nearest property line: 301 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1170 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. 3: All

21. Mineral Ownership: ☒ Fee ☐ State ☐ Federal ☐ Indian Lease #: _____22. 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):

Township 6 North, Range 62 West of the 6th PM: Section 3: Lots 1-4, S/2N/2, Lot B of Record Exemption No. 797-03-2-RE-1384, and other lands.

25. Distance to Nearest Mineral Lease Line: 600 ft

26. Total Acres in Lease: 880

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: Krier Spreadfield--land

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	430	800	0
1ST	8+3/4	7	26	0	6825	570	6825	0
1ST LINER	6+1/8	4+1/2	11.6	5924	10933			

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

33. Comments Please note that Bill Barrett Corporation (BBC) aquired this permit from EOG in July 2012. On 12/21/12 BBC recieved an approved Sundry from COGCC to change the BHL from what was originally permitted to the referenced location. I certify that there have been no other changes from the existing permit. BBC plans to drill this well in 2014. Offset well evaluation spreadsheet attached.

34. Location ID: 422197

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: 7/18/2013 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: 10/8/2013

API NUMBER

05 123 33184 00

Permit Number: _____ Expiration Date: 10/7/2015

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.

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.

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**

2157261	OFFSET WELL EVALUATION
400450024	FORM 2 SUBMITTED

Total Attach: 2 Files

General Comments**User Group Comment Comment Date**

Permit	Attached offset well eval. spreadsheet. Corrected nearest well distance per oper. Corrected qtr/qtr. Oper. corrected mud disposal. Operator advised that if location is not built prior to 2A expiration, an amended 2A must be submitted and approved prior to building location. No LGD or public comments. Final Review--passed.	10/7/2013 2:03:38 PM
Engineer	Evaluated any existing wells within 1500' of proposed directional.	8/5/2013 11:11:25 AM
Permit	Requested offset well evaluation spreadsheet.	7/30/2013 8:53:39 AM
Permit	Operator corrected field name and location number.	7/19/2013 10:15:44 AM
Permit	Returned to draft. Requested corrected field name, location number, and information regarding 2A.	7/19/2013 6:48:25 AM

Total: 5 comment(s)

Best Management Practices**No BMP/COA Type Description**

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