

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:

400446262

Date Received:

07/11/2013

## 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: Sandborn Well Number: 19-36H

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

9. Proposed Total Measured Depth: 10335

## WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 36 Twp: 5N Rng: 61W Meridian: 6Latitude: 40.363417 Longitude: -104.164636

Footage at Surface: 501 feet FNL 501 feet FWL  
 FNL/FSL FEL/FWL

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4501 13. County: WELD

## 14. GPS Data:

Date of Measurement: 04/26/2011 PDOP Reading: 1.2 Instrument Operator's Name: Robert L. 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  
932 FNL 722 FWL 600 FSL 2639 FWL  
 Sec: 36 Twp: 5N Rng: 61W Sec: 36 Twp: 5N Rng: 61W

16. Is location in a high density area? (Rule 603b)? ☐ Yes ☒ No17. Distance to the nearest building, public road, above ground utility or railroad: 488 ft18. Distance to nearest property line: 501 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1202 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. 36:ALL

21. Mineral Ownership: ☐ Fee ☒ State ☐ Federal ☐ Indian Lease #: 1028-922. 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):

25. Distance to Nearest Mineral Lease Line: 600 ft26. Total Acres in Lease: 640**DRILLING PLANS AND PROCEDURES**27. Is H2S anticipated? ☐ Yes ☒ No If Yes, attach contingency plan.28. Will salt sections be encountered during drilling? ☐ Yes ☒ No29. Will salt (>15,000 ppm TDS CL) or oil based muds be used during drilling? ☐ Yes ☒ No30. If questions 28 or 29 are yes, is this location in a sensitive area (Rule 901.e)? ☐ Yes ☐ No31. 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	1430	420	1430	0
1ST	8+3/4	7	23	0	6110	650	6110	0
1ST LINER	6	4+1/2	11.6	5360	10335	305	10335	5360

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: 42457635. Is this application in a Comprehensive Drilling Plan ? ☐ Yes ☐ No36. 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.

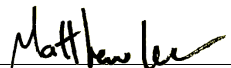
Signed: \_\_\_\_\_

Print Name: Venessa LangmacherTitle: Senior Permit AnalystDate: 7/11/2013Email: 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: 10/30/2013**API NUMBER**

05 123 34090 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/29/2015**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**

Replug State #1, 123-06135 prior to stimulation.

- 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.

### **Attachment Check List**

**Att Doc Num**      **Name**

1534687	OFFSET WELL EVALUATION
400446262	FORM 2 SUBMITTED

Total Attach: 2 Files

### **General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Tim Kelly with SLB confirmed surface restoration bond in order.	10/29/2013 4:22:59 PM
Permit	Re-req'd SLB approval.	10/17/2013 11:44:13 AM
Permit	Oper. corrected dist. to nearest well.	10/16/2013 6:54:44 AM
Permit	Req'd revised dist. to nearest well. Oper. advised that if location is not built prior to 2A expiration, an amended 2A must be submitted and approved prior to building location. Distance to nearest unit boundary is 600'.	10/15/2013 2:21:19 PM
Engineer	Received from operator they choose option 3.	7/29/2013 4:24:11 PM
Permit	Requested bond verification for the State Land Board.	7/24/2013 10:54:16 AM
Engineer	On Hold - Wells within 1500' of the proposed directional plan lack adequate formation isolation: State #1, 123-06135, (lacks aquifer and Niobrara isolation). Emailed operator rep (vlangmacher@billbarrettcorp.com).	7/23/2013 10:34:19 AM
Permit	Form passes completeness.	7/12/2013 2:40:07 PM

Total: 8 comment(s)

### **Best Management Practices**

**No BMP/COA Type**      **Description**

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