

FORM
2

Rev
12/05

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400432643

Date Received:

06/13/2013

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

Email: mpobuda@billbarrettcorp.com

7. Well Name: Hawkins Well Number: 5-61-21-4841BH

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

9. Proposed Total Measured Depth: 10640

WELL LOCATION INFORMATION

10. QtrQtr: NWSW Sec: 21 Twp: 5N Rng: 61W Meridian: 6

Latitude: 40.382954 Longitude: -104.222560

Footage at Surface: 1384 feet FSL 301 feet FWL

11. Field Name: Wildcat Field Number: 99999

12. Ground Elevation: 4666 13. County: WELD

14. GPS Data:

Date of Measurement: 05/24/2013 PDOP Reading: 6.0 Instrument Operator's Name: Jim Kalmon

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 _____
1740 FSL 650 FWL 1740 FSL 500 FEL
Sec: 24 Twp: 5N Rng: 61W Sec: 24 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: 283 ft

18. Distance to nearest property line: 301 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 620 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 | 535-361 | 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#: _____

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):

Please see attached lease map.

25. Distance to Nearest Mineral Lease Line: 0 ft 26. Total Acres in Lease: 160

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 | 6,105 | 510 | 6,105 | 600 |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 5600 | 10,640 | | | |

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

33. Comments This well is an exception location, waivers from the surface owner for rules 318Aa & 318Ac are attached. This well is on the June Docket to be spaced for additional NBRR wells in Section 21 T5N-R61W (docket #1305-AW-19). "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: Mary Pobuda

Title: Permit Analyst Date: 6/13/2013 Email: mpobuda@billbarrettcorp.com

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: 7/23/2013

API NUMBER **05 123 37755 00** Permit Number: _____ Expiration Date: 7/22/2015

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.

- 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 |
|-------------|------------------------|
| 400432643 | FORM 2 SUBMITTED |
| 400432653 | DIRECTIONAL DATA |
| 400432654 | WELL LOCATION PLAT |
| 400432658 | DEVIATED DRILLING PLAN |
| 400432660 | LEASE MAP |
| 400432662 | SURFACE AGRMT/SURETY |
| 400432665 | EXCEPTION LOC WAIVERS |
| 400432671 | EXCEPTION LOC REQUEST |
| 400433351 | OFFSET WELL EVALUATION |

Total Attach: 9 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|--|----------------------------|
| Permit | Final review completed. No LGD or public comments. | 7/23/2013 2:26:44 PM |
| Engineer | No existing wells within 500' of proposed directional. | 7/3/2013 4:07:32 PM |
| Permit | Don't have the verbiage for spacing order 535-361 as of yet. | 7/1/2013 10:54:50 AM |
| Permit | Operator supplied comment pertaining to the distance to the nearest lease line being zero. | 7/1/2013 10:50:39 AM |
| Permit | Requested a comment to the fact that the wellbore crosses one or more leases therefore the distance to the nearest lease line is zero. | 7/1/2013 6:53:55 AM |
| Permit | This form has passed completeness. | 6/14/2013 10:32:31 AM |

Total: 6 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
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