

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:

400394532

Date Received:

03/25/2013

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* BILL4. COGCC Operator Number: 100715. Address: 1099 18TH ST STE 2300City: DENVER State: CO Zip: 802026. Contact Name: Mary Pobuda Phone: (303)312-8511 Fax: (303)291-0420Email: mpobuda@billbarrettcorp.com7. Well Name: Pappenheim Well Number: 6-62-27-8H

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

9. Proposed Total Measured Depth: 10956

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 27 Twp: 6N Rng: 62W Meridian: 6Latitude: 40.461920 Longitude: -104.317430

Footage at Surface: 1302 feet FNL/FSL 205 feet FEL/FWL FWL

11. Field Name: Wattenberg Field Number: 9075012. Ground Elevation: 4750 13. County: WELD

14. GPS Data:

Date of Measurement: 02/11/2013 PDOP Reading: 1.8 Instrument Operator's Name: Wyatt Hall15. If well is ☐ Directional ☒ Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 650 FNL 620 FWL 650 FNL 620 FEL 650 FNL 620 FEL 650
 Sec: 27 Twp: 6N Rng: 62W Sec: 27 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: 2400 ft18. Distance to nearest property line: 205 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 740 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 | 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):

Please see attached lease map.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 3720

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 | 6,800 | 570 | 6,800 | 0 |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 6000 | 10,956 | | | |

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

33. Comments This well is an exception location, a waiver for rule 318Aa and 318Ac is attached. This well is replacing the approved Form 2/2A for Dutch Lake 19-27H (API#05-123-33587) that is permitted within the section. A sundry is being submitted to withdraw the approved permit in order to comply with spacing order 535-4 which allows one Niobrara horizontal well in the 640.

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: 3/25/2013 Email: mpobuda@billbarrettcorp.com

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: _____

API NUMBER

05

Permit Number: _____ Expiration Date: _____

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.

Date retrieval failed for the subreport 'IntPolicy_MTO' located at: W:\testsub\Net\Report\policy_mto.rdl. Please check th

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400394532 | FORM 2 SUBMITTED |
| 400394616 | DIRECTIONAL DATA |
| 400394619 | DEVIATED DRILLING PLAN |
| 400394622 | LEASE MAP |
| 400394626 | SURFACE AGRMT/SURETY |
| 400394628 | EXCEPTION LOC WAIVERS |
| 400394643 | EXCEPTION LOC REQUEST |
| 400395163 | WELL LOCATION PLAT |
| 400395443 | OFFSET WELL EVALUATION |
| 400395827 | OTHER |

Total Attach: 10 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
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Total: 0 comment(s)

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