

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:

08/31/2012

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: Anschutz Obrien Well Number: 5-61-33-57H

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

9. Proposed Total Measured Depth: 10642

WELL LOCATION INFORMATION

10. QtrQtr: NWNE Sec: 33 Twp: 5N Rng: 61W Meridian: 6Latitude: 40.363603 Longitude: -104.210678

Footage at Surface: 375 feet FNL 1720 feet FEL
 FNL/FSL FEL/FWL

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4568 13. County: WELD

14. GPS Data:

Date of Measurement: 08/14/2012 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
620 FNL 660 FEL 620 FSL 660 FEL
 Sec: 33 Twp: 5N Rng: 61W Sec: 33 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: 355 ft18. Distance to nearest property line: 375 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1167 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):

See attached lease map.

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	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	6,532	540	6,532	600
1ST LINER	6+1/8	4+1/2	11.6	6532	10,561			

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

33. Comments _____

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: 8/31/2012

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: 10/16/2012

API NUMBER

05 123 36165 00

Permit Number: _____ Expiration Date: 10/15/2014

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 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.

Attachment Check List

Att Doc Num	Name
1638194	EXCEPTION LOC REQUEST
2172038	SURFACE CASING CHECK
2233050	DEVIATED DRILLING PLAN
2233096	EXCEPTION LOC WAIVERS
400322012	FORM 2 SUBMITTED
400322267	WELL LOCATION PLAT
400322635	LEASE MAP
400330956	DIRECTIONAL DATA

Total Attach: 8 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Horizontal wellbore crosses lease line, distance to lease line is 0', distance to unit boundary is 620'	10/16/2012 5:14:48 PM
Permit	Operator requests approval of a Rule 318Aa and Rule 318Ac exception location: Wellhead is to be located outside of a GWA drilling window and will be located more than 50' from an existing well location. Request and waivers attached.	10/16/2012 4:11:53 PM
Permit	Attached exception location waiver per operator. Form ready to pass once exception location request is recieved.	10/16/2012 4:11:08 PM
Permit	Attached new deviated drilling plan and directional template per operator. Updated casing to match directional plan and ground elevation per operator. Still missing waivers.	9/26/2012 1:52:42 PM
Permit	TOP seems to be to close to 600' setback, still missing waiver, need clarification on ground elevation.	9/26/2012 6:38:13 AM
Permit	Per operator corrected lease acreage, well name, distance to nearest lease line, and surface and minerals information. Still missing exception location request.	9/6/2012 8:21:51 AM
Permit	Requested acres for leases, exception location waivers and requests, distance to nearest lease line, and surface and minerals information. Well has been compared to 2A	9/5/2012 7:43:11 AM
Permit	Well name does not match well location plat and deviated drilling plan.	9/4/2012 10:38:28 AM

Total: 8 comment(s)

BMP

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

Total: 0 comment(s)