

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



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Date Received:

06/26/2012

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: Dutch Lake Well Number: 24-22H

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

9. Proposed Total Measured Depth: 10927

WELL LOCATION INFORMATION

10. QtrQtr: NWNW Sec: 22 Twp: 6N Rng: 62W Meridian: 6Latitude: 40.479150 Longitude: -104.314467

Footage at Surface: 320 feet FNL 954 feet FWL
 FNL/FSL FEL/FWL

11. Field Name: Wildcat Field Number: 9999912. Ground Elevation: 4791 13. County: WELD

14. GPS Data:

Date of Measurement: 05/30/2012 PDOP Reading: 1.0 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
653 FNL 987 FWL 600 FSL 600 FWL
 Sec: 22 Twp: 6N Rng: 62W Sec: 22 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: 290 ft18. Distance to nearest property line: 320 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 1187 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#: 2004009723a. 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 the attached lease description.

25. Distance to Nearest Mineral Lease Line: 0 ft

26. Total Acres in Lease: 4360

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	42	0	60	50	60	0
SURF	13+1/2	9+5/8	36	0	800	420	800	0
1ST	8+3/4	7	26	0	6,825	510	6,825	600
1ST LINER	6+1/8	4+1/2	11.6	6825	10,927			

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

33. Comments Note: No cement tops for 1st liner (packers being utilized).

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: Jennifer Yu

Title: Regulatory Administrator Date: 6/26/2012 Email: jennifer_yu@eogresources.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: 9/6/2012

API NUMBER

05 123 36055 00

Permit Number: _____ Expiration Date: 9/5/2014

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.

Operator must meet water well sampling requirements as per Rule 318A.

- 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
2170272	SURFACE CASING CHECK
2288952	EXCEPTION LOC WAIVERS
2288953	CORRESPONDENCE
400299532	FORM 2 SUBMITTED
400299549	PLAT
400299552	TOPO MAP
400299556	LEGAL/LEASE DESCRIPTION
400300310	DEVIATED DRILLING PLAN
400301093	DIRECTIONAL DATA

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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.	9/6/2012 10:36:34 AM
Permit	Final Review Completed. No LGD or public comment received.	9/6/2012 9:49:49 AM
Permit	Changed operator from EOG to Bill Barrett Corporation. Per BBC input bond numbers and updated distance to BHL. Attached correspondence regarding change of operator.	9/6/2012 8:56:28 AM
Permit	Requested clarification on oil base muds, distance to nearest BHL, information regarding lease description BBC vs EOG, and plugging and surface bond numbers. Attached waivers per operator.	9/6/2012 8:02:49 AM
Permit	On hold - Operator must submit exception location request and exception location waiver for being outside the drilling window.	7/2/2012 5:55:44 AM
Permit	Distance to lease line is 0 feet. Horizontal well crosses lease line.	7/2/2012 5:52:12 AM
Permit	Distance to power line is 290 feet as reported on location drawing. Distance to edge of the surface disturbance is 55 feet.	7/2/2012 5:41:36 AM
Permit	Operator fixed all issues.	6/29/2012 1:03:10 PM
Permit	Returned to draft. Directional data needs to be attached as an Excel spreadsheet, not a PDF. Directional template needs to be uploaded.	6/28/2012 7:55:25 AM
Permit	Returned to draft. First attached directional data spreadsheet is empty. Directional template needs to be uploaded.	6/27/2012 8:08:33 AM

Total: 10 comment(s)

BMP

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

Total: 0 comment(s)