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Document Number:
 400212694
 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: Kaufman Well Number: 42A-24-692
 8. Unit Name (if appl): _____ Unit Number: _____
 9. Proposed Total Measured Depth: 7593

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 24 Twp: 6S Rng: 92W Meridian: 6
 Latitude: 39.511626 Longitude: -107.612067
 Footage at Surface: 2203 feet FNL/FSL FSL 1659 feet FEL/FWL FEL
 11. Field Name: MAMM CREEK Field Number: 52500
 12. Ground Elevation: 5864 13. County: GARFIELD

14. GPS Data:
 Date of Measurement: 11/08/2010 PDOP Reading: 6.0 Instrument Operator's Name: JAMES KALMON

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**
 Footage at Top of Prod Zone: FNL/FSL 2485 FNL 655 FEL FEL Bottom Hole: FNL/FSL 2485 FNL 655 FEL FEL
 Sec: 24 Twp: 6S Rng: 92W Sec: 24 Twp: 6S Rng: 92W

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: 258 ft
 18. Distance to nearest property line: 342 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 327 ft

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.)
ILES	ILES	191-82	100	NESE,SESE,S/2SENE
WILLIAMS FORK	WMFK	191-82	100	NESE,SESE,S/2SENE

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):

See attached lease map

25. Distance to Nearest Mineral Lease Line: 664 ft 26. Total Acres in Lease: 60

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: EVAP & BURY

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	24	14	36	0	40	0	40	0
SURF	12+1/4	9+5/8	36	0	743	240	743	0
1ST	7+7/8	4+1/2	11.6	0	7,593	780	7,593	3,193

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: 11/2/2011 Email: mpobuda@billbarrettcop.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: David S. Nashin Director of COGCC Date: 12/15/2011

API NUMBER
05 045 21215 00

Permit Number: _____ Expiration Date: 12/14/2013

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE NORTHWEST COLORADO NOTIFICATION POLICY IS REQUIRED.
- (2) GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE.
- (3) NEW MAMM CREEK FIELD NOTICE TO OPERATORS APPLIES TO THIS WELL. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE.
- (4) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY IS REQUIRED. SEE ATTACHED NOTICE.
- (5) THE MOISTURE CONTENT OF ANY DRILL CUTTINGS IN A CUTTINGS PIT, TRENCH, OR PILE SHALL BE AS LOW AS PRACTICABLE TO PREVENT ACCUMULATION OF LIQUIDS GREATER THAN DE-MINIMIS AMOUNTS. AT THE TIME OF CLOSURE, THE DRILL CUTTINGS MUST ALSO MEET THE APPLICABLE STANDARDS OF TABLE 910-1.
- (6) THE SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1 -MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1-MILE IS 350 FEET DEEP.

Attachment Check List

Att Doc Num	Name
400212694	FORM 2 SUBMITTED
400212705	WELL LOCATION PLAT
400212706	DEVIATED DRILLING PLAN
400212707	LEASE MAP
400220347	SURFACE AGRMT/SURETY

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	LGD/public comments waived. Final Comprehensive Review Status--passed	12/15/2011 8:23:37 AM
Permit	off hold--operator agrees that more current spacing order 191-82 applies. Operator clarified lease situation: surface owner is partial mineral interest owner only on four wells: 44A, 44B, 44C, and 44D. Changed Line 22 to "NO".	11/3/2011 3:08:58 PM
Permit	on hold--disagree w/ spacing orders that apply; need clarification of surface owner and mineral owner (different names on SUA and lease but oper. lists surf owner as min. owner.)	11/3/2011 9:50:35 AM

Total: 3 comment(s)

BMP

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

Total: 0 comment(s)