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Document Number:  
 400179207  
 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: GGU MILLER Well Number: 32D-31-691  
 8. Unit Name (if appl): Gibson Gulch II Unit Number: COC 052447X  
 9. Proposed Total Measured Depth: 7263

**WELL LOCATION INFORMATION**

10. QtrQtr: SENE Sec: 31 Twp: 6S Rng: 91W Meridian: 6  
 Latitude: 39.486889 Longitude: -107.591073  
 Footage at Surface: 1646 feet FNL/FSL FNL 1138 feet FEL/FWL FEL  
 11. Field Name: MAMM CREEK Field Number: 52500  
 12. Ground Elevation: 5959 13. County: GARFIELD

14. GPS Data:  
 Date of Measurement: 07/08/2010 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 1400 FNL 2100 FEL FEL Bottom Hole: FNL/FSL 1400 FNL 2100 FEL FEL  
 Sec: 31 Twp: 6S Rng: 91W Sec: 31 Twp: 6S Rng: 91W

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: 208 ft  
 18. Distance to nearest property line: 339 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 289 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			
WILLIAMSFORK	WMFK			

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):

SENE, Sec. 31, T6S, R91W

25. Distance to Nearest Mineral Lease Line: 554 ft 26. Total Acres in Lease: 1705

### 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	726	230	726	0
1ST	7+7/8	4+1/2	11.6	0	7,263	1,060	7,263	2,764

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

33. Comments

34. Location ID: 334861

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: 8/22/2011 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: David S. Neslin Director of COGCC Date: 10/16/2011

API NUMBER

05 045 21097 00

Permit Number: \_\_\_\_\_ Expiration Date: 10/15/2013

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 – PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDER NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010) -- 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) NO PORTION OF ANY PIT THAT WILL BE USED TO HOLD LIQUIDS SHALL BE CONSTRUCTED ON FILL MATERIAL, UNLESS THE PIT AND FILL SLOPE ARE DESIGNED AND CERTIFIED BY A PROFESSIONAL ENGINEER, SUBJECT TO REVIEW AND APPROVAL BY THE DIRECTOR PRIOR TO CONSTRUCTION OF THE PIT. THE CONSTRUCTION AND LINING OF THE PIT SHALL BE SUPERVISED BY A PROFESSIONAL ENGINEER OR THEIR AGENT. THE ENTIRE BASE OF THE PIT MUST BE IN CUT.
- (7) THE PROPOSED 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 210 FEET DEEP.
- (8) RESERVE PIT MUST BE LINED.

Rig height (mast plus substructure) cannot exceed 131 feet due to close proximity to overhead power line unless a variance is requested and approved by the director. COGCC regulations regarding statewide setbacks can be found in Rule 603.a DRILLING AND WELL SERVICING OPERATIONS AND HIGH DENSITY AREA RULES

### Attachment Check List

Att Doc Num	Name
400179207	FORM 2 SUBMITTED
400198472	WELL LOCATION PLAT
400198474	SURFACE AGRMT/SURETY
400198475	MINERAL LEASE MAP
400198476	DEVIATED DRILLING PLAN

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	No public comments Comprehensive Final Review status -- Passed	9/21/2011 12:23:35 PM
Permit	Added federal unit information, removed lease number, removed spacing order Added Related Forms information	9/21/2011 12:22:12 PM
Permit	Returned to draft. Missing location ID.	8/23/2011 8:30:11 AM

Total: 3 comment(s)

**BMP**

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

Total: 0 comment(s)