

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:

400436460

Date Received:

06/19/2013

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* BILL

4. COGCC Operator Number: 10071

5. Address: 1099 18TH ST STE 2300

City: DENVER State: CO Zip: 80202

6. Contact Name: Erin Joseph Phone: (303)312-8738 Fax: (303)291-0420

Email: ejoseph@billbarrettcorp.com

7. Well Name: Miller Well Number: 13B-6-791

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

9. Proposed Total Measured Depth: 6785

WELL LOCATION INFORMATION

10. QtrQtr: Lot 4 Sec: 6 Twp: 7S Rng: 91W Meridian: 6

Latitude: 39.475261 Longitude: -107.604539

Footage at Surface: 565 feet FNL 377 feet FWL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 6094 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 07/08/2010 PDOP Reading: 6.0 Instrument Operator's Name: James A Kalmon

15. 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 _____
1077 FNL 668 FWL 1077 FNL 668 FWL
Sec: 6 Twp: 7S Rng: 91W Sec: 6 Twp: 7S 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: 274 ft

18. Distance to nearest property line: 1129 ft 19. Distance to nearest well permitted/completed in the same formation(BHL): 309 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.)
ILES	ILES	191-10		
WILLIAMS FORK	WMFK	191-8		

21. Mineral Ownership: Fee State Federal Indian Lease #: CO10284

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):

Lease map

25. Distance to Nearest Mineral Lease Line: 668 ft 26. Total Acres in Lease: 857

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		40	0
SURF	12+1/4	9+5/8	36	0	683	224	683	0
1ST	7+7/8	4+1/2	11.6	0	6,782	780	6,782	2,358

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

33. Comments Miller Pad #9. Conductor Set with grout. 8 3/4" hole drilled to approx 5000', then 7 7/8" hole to TD. There are no changes from previous APD.

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: Erin Joseph

Title: Sr Regulatory Analyst Date: 6/19/2013 Email: ejoseph@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: 7/21/2013

API NUMBER
05 045 20850 00

Permit Number: _____ Expiration Date: 7/20/2015

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) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE GARFIELD COUNTY RULISON-FIELD NOTICE TO OPERATORS IS REQUIRED.

(3) COMPLIANCE WITH THE MOST CURRENT REVISION OF THE MAMM CREEK FIELD NOTICE TO OPERATORS IS REQUIRED.

(4) COMPLIANCE WITH THE NOTICE TO OPERATORS DRILLING WELLS IN THE BUZZARD, MAMM CREEK, AND RULISON FIELDS, GARFIELD COUNTY AND MESA COUNTY IS REQUIRED. (PROCEDURES AND SUBMITTAL REQUIREMENTS FOR COMPLIANCE WITH COGCC ORDERS NOS. 1-107, 139-56, 191-22, AND 369-2 (JULY 8, 2010)). SEE ATTACHED NOTICE.

(5) OPERATOR WILL HAVE TO INCREASE SURFACE CASING DEPTH TO ENSURE THAT SURFACE SHOE IS 50 FEET BELOW DEPTH OF DEEPEST WATER-WELL WITHIN ONE MILE, ADJUSTED FOR ELEVATION. SURFACE CASING SHOULD BE AT LEAST 683' DEEP, WITH 224 SACKS CEMENT.

Applicable Policies and Notices to Operators

Mamm Creek Field Area Notice to Operators.
Piceance Rulison Field - Notice to Operators.
NW Colorado Notification Policy.
Bradenhead Pressure Reporting-Garfield County (Mamm Creek & Rulison Fields) Mesa County (Buzzard Field).
Notice Concerning Operating Requirements for Wildlife Protection.

Attachment Check List

Att Doc Num	Name
400436460	FORM 2 SUBMITTED
400436496	DEVIATED DRILLING PLAN
400436497	SURFACE AGRMT/SURETY
400436498	WELL LOCATION PLAT

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
LGD	pass, gdb.	7/8/2013 1:40:59 PM
Permit	Pending other approvals. Added "Grout" to cement record, added 'No changes from previous APD", and changed distance to lease line, as per Erin Joseph.	6/26/2013 11:37:47 AM
Engineer	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 600 FEET DEEP.	6/25/2013 1:42:26 PM
Permit	This form has passed completeness.	6/20/2013 8:40:36 AM

Total: 4 comment(s)

BMP

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