

FORM
2
Rev
12/05

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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APPLICATION FOR PERMIT TO:

1. Drill, Deepen, Re-enter, Recomplete and Operate

2. TYPE OF WELL

OIL GAS COALBED OTHER _____
SINGLE ZONE MULTIPLE ZONE COMMINGLE ZONE

Refiling
Sidetrack

Document Number:
400070029
Plugging Bond Surety
20040060

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: Elaine Winick Phone: (303)312-8168 Fax: (303)291-0420
Email: ewinick@billbarrettcorp.com

7. Well Name: CBS Well Number: 31D-21-692

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

9. Proposed Total Measured Depth: 8101

WELL LOCATION INFORMATION

10. QtrQtr: SWNE Sec: 21 Twp: 6S Rng: 92W Meridian: 6
Latitude: 39.514659 Longitude: -107.671706

Footage at Surface: _____ FNL/FSL _____ FEL/FWL _____
1801 FNL 2636 FEL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 5750.3 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 05/06/2010 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 _____
164 FNL 1980 FEL 164 FNL 1980 FEL
Sec: 21 Twp: 6S Rng: 92W Sec: 21 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: 584 ft

18. Distance to nearest property line: 111 ft 19. Distance to nearest well permitted/completed in the same formation: 330 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	640	ALL
Williamsfork	WMFK	191-8	640	ALL

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 Bon \$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):
Please see attached lease map

25. Distance to Nearest Mineral Lease Line: 164 ft 26. Total Acres in Lease: 560

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 27 or 28 are yes, is this location in a sensitive area (Rule 903)? Yes No **If 28, 29, or 30 are "Yes" a pit permit may be required.**

31. Mud disposal: Offsite Onsite
Method: Land Farming Land Spreading Disposal Facility Other: Evaporation & Backfilling

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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	26	16	42	40		40	0
SURF	12+1/4	9+5/8	36	815	250	815	0
1ST	8+3/4	4+1/2	11.6	8,101	500	8,101	5,281

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

33. Comments Bill Barrett Corporation is the surface owner and rules 305 & 306 are waived. Exception location requested. On Circle B Land Tract 5 pad.

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: Elaine Winick

Title: Sr. Permit Analyst Date: 9/24/2010 Email: ewinick@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. Nashine Director of COGCC Date: 11/13/2010

API NUMBER
05 045 20125 00

Permit Number: _____ Expiration Date: 11/12/2012

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) 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.

Attachment Check List

Att Doc Num	Name	Doc Description
400070029	FORM 2 SUBMITTED	LF@2552928 400070029
400070351	DEVIATED DRILLING PLAN	LF@2552929 400070351
400070374	WELL LOCATION PLAT	LF@2552930 400070374
400070375	LEASE MAP	LF@2552931 400070375
400095002	WELLBORE DIAGRAM	LF@2552932 400095002
400095005	EXCEPTION LOC WAIVERS	LF@2552933 400095005
400095006	EXCEPTION LOC REQUEST	LF@2552934 400095006
400095008	CONST. LAYOUT DRAWINGS	LF@2552935 400095008
400095009	PROPOSED BMPs	LF@2552936 400095009
400095761	TOPO MAP	LF@2552937 400095761

Total Attach: 10 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	called opr/Elaine - ok to change 22a to yes multiwell plan and lease map sideways - removing multiwell per agreement with opr	9/29/2010 9:10:37 AM
Permit	Back to draft for: Topo Map won't open; Lease Map & Multi-Well plan need to be turned, oriented to Portrait.	9/28/2010 9:35:26 AM

Total: 2 comment(s)

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