

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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Document Number:
400056481
Plugging Bond Surety
20040060

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

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: Federal Well Number: 32A-20-691

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

9. Proposed Total Measured Depth: 7689

WELL LOCATION INFORMATION

10. QtrQtr: NWSE Sec: 20 Twp: 6S Rng: 91W Meridian: 6
Latitude: 39.513275 Longitude: -107.574978

Footage at Surface: 2609 FNL/FSL FSL 1759 FEL/FWL FEL

11. Field Name: Mamm Creek Field Number: 52500

12. Ground Elevation: 6457.5 13. County: GARFIELD

14. GPS Data:

Date of Measurement: 01/05/2010 PDOP Reading: 1.8 Instrument Operator's Name: D. Slaugh

15. If well is Directional Horizontal (highly deviated) **submit deviated drilling plan.**

Footage at Top of Prod Zone: FNL/FSL 2425 FNL 1992 FEL FEL/FWL 2425 FNL 1992 FEL
Sec: 20 Twp: 6S Rng: 91W Sec: 20 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: 975 ft

18. Distance to nearest property line: 429 ft 19. Distance to nearest well permitted/completed in the same formation: 335 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	320	N2
Williams Fork	WMFK	191-8	320	N2

21. Mineral Ownership: Fee State Federal Indian Lease #: COC 50126

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: 661 ft 26. Total Acres in Lease: 921

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#	800	250	800	0
1ST	8+3/4	4+1/2	11.6#	7,689	600	7,689	

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

33. Comments SEE ADDENDUM TO LEGAL PLAT (SHEET 2i) FOR VISIBLE IMPROVEMENTS WITHIN 400'. A NEW LOCATION ASSESSMENT HAS BEEN SUBMITTED FOR THIS WELL UNDER THE PENDING FEDERAL (MDP #13 PAD) 32A-20-691.
PRODUCTION CEMENT TOP IS 500' ABOVE TOP OF GAS.
PRODUCTINO STRING SECOND HOLE SIZE = 7 7/8.

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: Matt Barber

Title: Permit Analyst Date: 5/11/2010 Email: mbarber@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. Nesline Director of COGCC Date: 6/30/2010

Permit Number: _____ Expiration Date: 6/29/2012

API NUMBER

05 045 19676 00

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 160 FEET DEEP.

Attachment Check List

Att Doc Num	Name	Doc Description
400056481	FORM 2 SUBMITTED	LF@2476609 400056481
400056507	WELL LOCATION PLAT	LF@2476610 400056507
400056508	OTHER	LF@2476611 400056508
400056509	LEASE MAP	LF@2476612 400056509
400056511	LOCATION DRAWING	LF@2476613 400056511
400056512	DEVIATED DRILLING PLAN	LF@2476614 400056512
400056513	DRILLING PLAN	LF@2476701 400056513
400056515	ACCESS ROAD MAP	LF@2476617 400056515
400061126	FED. DRILLING PERMIT	LF@2476619 400061126

Total Attach: 9 Files