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| 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 |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> </table> Document Number: 400106229 Plugging Bond Surety | DE | ET | OE | ES |
| DE | ET | OE | ES | | | | |
| APPLICATION FOR PERMIT TO: | | | | | | | |
| 1. <input checked="" type="checkbox"/> Drill, <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate | | | | | | | |
| 2. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input checked="" type="checkbox"/> | | Refiling <input type="checkbox"/> Sidetrack <input type="checkbox"/> | | | | | |
| 3. Name of Operator: <u>BARRETT CORPORATION* BILL</u> 4. COGCC Operator Number: <u>10071</u> | | | | | | | |
| 5. Address: <u>1099 18TH ST STE 2300</u> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u> | | | | | | | |
| 6. Contact Name: <u>Mary Pobuda</u> Phone: <u>(303)312-8511</u> Fax: <u>(303)299-9987</u> Email: <u>mpobuda@BILLBARRETTCORP.COM</u> | | | | | | | |
| 7. Well Name: <u>FEDERAL</u> Well Number: <u>44A-33-691</u> | | | | | | | |
| 8. Unit Name (if appl): _____ Unit Number: _____ | | | | | | | |
| 9. Proposed Total Measured Depth: <u>8623</u> | | | | | | | |
| WELL LOCATION INFORMATION | | | | | | | |
| 10. QtrQtr: <u>SESE</u> Sec: <u>33</u> Twp: <u>6S</u> Rng: <u>91W</u> Meridian: <u>6</u> Latitude: <u>39.479349</u> Longitude: <u>-107.553260</u> | | | | | | | |
| Footage at Surface: <u>709</u> feet FNL/FSL <u>FSL</u> 1091 feet FEL/FWL <u>FEL</u> | | | | | | | |
| 11. Field Name: <u>MAMM CREEK</u> Field Number: <u>52500</u> | | | | | | | |
| 12. Ground Elevation: <u>6747</u> 13. County: <u>GARFIELD</u> | | | | | | | |
| 14. GPS Data: Date of Measurement: <u>09/30/2010</u> PDOP Reading: <u>6.0</u> Instrument Operator's Name: <u>JAMES KALMON</u> | | | | | | | |
| 15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) submit deviated drilling plan. Footage at Top of Prod Zone: FNL/FSL FEL/FWL Bottom Hole: FNL/FSL FEL/FWL <u>165</u> <u>FSL</u> <u>665</u> <u>FEL</u> <u>165</u> <u>FSL</u> <u>665</u> <u>FEL</u> Sec: <u>33</u> Twp: <u>6S</u> Rng: <u>91W</u> Sec: <u>33</u> Twp: <u>6S</u> Rng: <u>91W</u> | | | | | | | |
| 16. Is location in a high density area? (Rule 603b)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | |
| 17. Distance to the nearest building, public road, above ground utility or railroad: <u>5280 ft</u> | | | | | | | |
| 18. Distance to nearest property line: <u>1897 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>337 ft</u> | | | | | | | |
| 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 | E 1/2 | | | |
| WILLIAMS FORK | WMFK | 191-8 | 320 | E 1/2 | | | |

IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC051440
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):
ALL SEC 33
25. Distance to Nearest Mineral Lease Line: 165 ft 26. Total Acres in Lease: 640

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
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 | 857 | 250 | 857 | 0 |
| 1ST | 7+7/8 | 4+1/2 | 11.6 | 0 | 8,623 | 950 | 8,623 | 3,240 |

32. BOP Equipment Type: ☒ Annular Preventer ☒ Double Ram ☐ Rotating Head ☐ None
33. Comments MDP-26 PAD. DISTANCE TO NEAREST BUILDING UNIT, PUBLIC ROAD, OHPL GREATER THAN 1 MILE.

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: 6/13/2011 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: 7/14/2011

API NUMBER

05 045 20858 00

Permit Number: _____ Expiration Date: 7/13/2013

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) ANY CHANGE TO SURFACE CASING SETTING DEPTH OR CEMENT PLAN MUST RECEIVE APPROVAL BEFORE THE WORK IS BEGUN PER RULE 301. COMPLIANCE WITH COGCC POLICY CLARIFICATION ON PROCEDURES FOR FILING CHANGES TO APPLICATIONS FOR PERMIT-TO-DRILL REVISED 1/18/2011 IS REQUIRED.

6) SURFACE CASING MUST BE RUN TO A MINIMUM DEPTH OF 857'.

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 000 FEET DEEP.

Attachment Check List

| Att Doc Num | Name |
|-------------|------------------------|
| 400106229 | FORM 2 SUBMITTED |
| 400174811 | WELL LOCATION PLAT |
| 400174812 | MULTI-WELL PLAN |
| 400174814 | DEVIATED DRILLING PLAN |

Total Attach: 4 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|--------------------------|-----------------------|----------------------------|
| | | |

Total: 0 comment(s)

BMP

| <u>Type</u> | <u>Comment</u> |
|--------------------|-----------------------|
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Total: 0 comment(s)