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|--|--|---|--|----|----|----|----|
| <b>FORM</b><br><b>2</b><br>Rev<br>12/05  | <b>State of Colorado</b><br><b>Oil and Gas Conservation Commission</b><br>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> | DE | ET | OE | ES |
| DE   | ET   | OE  | ES   |    |    |    |    |
| <b>APPLICATION FOR PERMIT TO:</b>  |  |   | Document Number:<br><br>400140842<br><br>Plugging Bond Surety<br><br>20030107  |    |    |    |    |
| 1. <input checked="" type="checkbox"/> <b>Drill,</b> <input type="checkbox"/> Deepen, <input type="checkbox"/> Re-enter, <input type="checkbox"/> Recomplete and Operate   |  |   |  |    |    |    |    |
| 2. TYPE OF WELL<br>OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____<br>SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> COMMINGLE ZONE <input checked="" type="checkbox"/>  |  | Refiling <input type="checkbox"/><br>Sidetrack <input type="checkbox"/>             |  |    |    |    |    |
| 3. Name of Operator: <u>WILLIAMS PRODUCTION RMT COMPANY LLC</u> 4. COGCC Operator Number: <u>96850</u>   |  |   |  |    |    |    |    |
| 5. Address: <u>1001 17TH STREET - SUITE #1200</u><br>City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>  |  |   |  |    |    |    |    |
| 6. Contact Name: <u>Greg Davis</u> Phone: <u>(303)606-4071</u> Fax: <u>(303)629-8268</u><br>Email: <u>Greg.J.Davis@Williams.com</u>  |  |   |  |    |    |    |    |
| 7. Well Name: <u>Jolley</u> Well Number: <u>KP 311-27</u>  |  |   |  |    |    |    |    |
| 8. Unit Name (if appl): _____    Unit Number: _____  |  |   |  |    |    |    |    |
| 9. Proposed Total Measured Depth: <u>8326</u>  |  |   |  |    |    |    |    |
| <b>WELL LOCATION INFORMATION</b>   |  |   |  |    |    |    |    |
| 10. QtrQtr: <u>NENE</u> Sec: <u>28</u> Twp: <u>6S</u> Rng: <u>91W</u> Meridian: <u>6</u><br>Latitude: <u>39.505665</u> Longitude: <u>-107.551486</u>   |  |   |  |    |    |    |    |
| Footage at Surface: <u>279</u> feet    FNL/FSL <u>FNL</u> 504 feet    FEL/FWL <u>FEL</u>   |  |   |  |    |    |    |    |
| 11. Field Name: <u>Mamm Creek</u> Field Number: <u>52500</u>   |  |   |  |    |    |    |    |
| 12. Ground Elevation: <u>7060</u> 13. County: <u>GARFIELD</u>  |  |   |  |    |    |    |    |
| 14. GPS Data:<br>Date of Measurement: <u>02/23/2011</u> PDOP Reading: <u>1.9</u> Instrument Operator's Name: <u>J. Kirkpatrick</u>   |  |   |  |    |    |    |    |
| 15. If well is <input checked="" type="checkbox"/> Directional <input type="checkbox"/> Horizontal (highly deviated) <b>submit deviated drilling plan.</b><br>Footage at Top of Prod Zone:    FNL/FSL    FEL/FWL    Bottom Hole:    FNL/FSL    FEL/FWL<br><u>481</u> <u>FNL</u> <u>677</u> <u>FWL</u> <u>481</u> <u>FNL</u> <u>677</u> <u>FWL</u><br>Sec: <u>27</u> Twp: <u>6S</u> Rng: <u>91W</u> Sec: <u>27</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>4084 ft</u>  |  |   |  |    |    |    |    |
| 18. Distance to nearest property line: <u>485 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>307 ft</u>   |  |   |  |    |    |    |    |
| <b>20. LEASE, SPACING AND POOLING INFORMATION</b>  |  |   |  |    |    |    |    |
| Objective Formation(s)   | Formation Code   | Spacing Order Number(s)   | Unit Acreage Assigned to Well    Unit Configuration (N/2, SE/4, etc.)  |    |    |    |    |
| Williams Fork lles   | WFILS  | 513-4   |  |    |    |    |    |

**IMPORTANT: SOME DATA FIELDS HAVE BEEN MODIFIED.**

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):  
See Attached

25. Distance to Nearest Mineral Lease Line: 481 ft 26. Total Acres in Lease: 320

**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: Re-use and evaporation

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           | 18             | 48#   | 0             | 45            | 25        | 45      | 0       |
| SURF        | 13+1/2       | 9+5/8          | 32.3# | 0             | 1,344         | 343       | 1,344   | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6# | 0             | 8,326         | 680       | 8,326   |         |

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

33. Comments Cement 500' above top gas. Closed Loop.

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: Greg Davis

Title: Supervisor Permits Date: 4/6/2011 Email: Greg.J.Davis@Williams.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: 5/19/2011

**API NUMBER**

05 045 20699 00

Permit Number: \_\_\_\_\_ Expiration Date: 5/18/2013**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 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 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                    |
|-------------|-------------------------|
| 400140842   | FORM 2 SUBMITTED        |
| 400140849   | LEGAL/LEASE DESCRIPTION |
| 400140850   | SURFACE AGRMT/SURETY    |
| 400145114   | WELL LOCATION PLAT      |
| 400145115   | TOPO MAP                |
| 400149940   | DEVIATED DRILLING PLAN  |

Total Attach: 6 Files

### **General Comments**

| User Group | Comment                     | Comment Date            |
|------------|-----------------------------|-------------------------|
| Permit     | Changed field to Mamm Creek | 4/14/2011<br>3:27:38 PM |

Total: 1 comment(s)

### **BMP**

| Type | Comment |
|------|---------|
|      |         |

Total: 0 comment(s)