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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>400094808<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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input 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>1515 ARAPAHOE ST STE 1000</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>Williams</u> Well Number: <u>SG 531-27</u>                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 8. Unit Name (if appl): _____    Unit Number: _____                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 9. Proposed Total Measured Depth: <u>5543</u>                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| <b>WELL LOCATION INFORMATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 10. QtrQtr: <u>NENE</u> Sec: <u>27</u> Twp: <u>7S</u> Rng: <u>96W</u> Meridian: <u>6</u><br>Latitude: <u>39.415361</u> Longitude: <u>-108.091044</u>                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| Footage at Surface: <u>212</u> feet    FNL/FSL <u>FNL</u> 1132 feet    FEL/FWL <u>FEL</u>                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 11. Field Name: <u>Grand Valley</u> Field Number: <u>31290</u>                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 12. Ground Elevation: <u>5085</u> 13. County: <u>GARFIELD</u>                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 14. GPS Data:<br>Date of Measurement: <u>08/24/2010</u> PDOP Reading: <u>2.4</u> Instrument Operator's Name: <u>Robert Kay</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>1121</u> <u>FNL</u> <u>2421</u> <u>FEL</u> <u>1121</u> <u>FNL</u> <u>2421</u> <u>FEL</u><br>Sec: <u>27</u> Twp: <u>7S</u> Rng: <u>96W</u> Sec: <u>27</u> Twp: <u>7S</u> Rng: <u>96W</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>227 ft</u>                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 18. Distance to nearest property line: <u>266 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>613 ft</u>                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                            |                                                                                     |                                                                                                                                                                                                                        |                                      |    |    |    |
| 20. <b>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                                                                                                                                                                                                                                                                                                                                                                                                                                        | WMFK                                                                                                                                                                       | 510-14                                                                              | 160                                                                                                                                                                                                                    | NE/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: 216 ft 26. Total Acres in Lease: 520

**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             | 1,277         | 446       | 1,277   | 0       |
| 1ST         | 7+7/8        | 4+1/2          | 11.6# | 0             | 5,543         | 515       | 5,543   |         |

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

33. Comments Closed Loop. Top of Cement a minimum of 200' above uppermost mvrd sand.

34. Location ID: 334600

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: 1/28/2011 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: 3/11/2011

**API NUMBER**

05 045 20488 00

Permit Number: \_\_\_\_\_ Expiration Date: 3/10/2013

**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) 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 250 FEET DEEP.

### **Attachment Check List**

| Att Doc Num | Name                    |
|-------------|-------------------------|
| 400094808   | FORM 2 SUBMITTED        |
| 400125394   | LEGAL/LEASE DESCRIPTION |
| 400125395   | TOPO MAP                |
| 400125397   | SURFACE AGRMT/SURETY    |
| 400127295   | WELL LOCATION PLAT      |
| 400128520   | DEVIATED DRILLING PLAN  |

Total Attach: 6 Files

### **General Comments**

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

Total: 0 comment(s)

### **BMP**

| <b><u>Type</u></b> | <b><u>Comment</u></b> |
|--------------------|-----------------------|
|                    |                       |

Total: 0 comment(s)