

**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:  
400046157  
Plugging Bond Surety  
20030107

**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: WILLIAMS PRODUCTION RMT COMPANY 4. COGCC Operator Number: 96850  
5. Address: 1515 ARAPAHOE ST STE 1000  
City: DENVER State: CO Zip: 80202  
6. Contact Name: Greg Davis Phone: (303)606-4071 Fax: (303)629-8272  
Email: Greg.J.Davis@Williams.com  
7. Well Name: GM Well Number: 21-27  
8. Unit Name (if appl): \_\_\_\_\_ Unit Number: \_\_\_\_\_  
9. Proposed Total Measured Depth: 7953

**WELL LOCATION INFORMATION**

10. QtrQtr: SWNE Sec: 27 Twp: 6S Rng: 96W Meridian: 6  
Latitude: 39.495888 Longitude: -108.091407  
Footage at Surface: \_\_\_\_\_ FNL/FSL \_\_\_\_\_ FEL/FWL \_\_\_\_\_  
2391 FNL 1750 FEL  
11. Field Name: Grand Valley Field Number: 31290  
12. Ground Elevation: 5671 13. County: GARFIELD

14. GPS Data:  
Date of Measurement: 10/02/2008 PDOP Reading: 1.8 Instrument Operator's Name: Andrew Lewis

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 \_\_\_\_\_  
526 FNL 1410 FWL 526 FNL 1410 FWL  
Sec: 27 Twp: 6S Rng: 96W Sec: 27 Twp: 6S Rng: 96W

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: 4147 ft  
18. Distance to nearest property line: 1647 ft 19. Distance to nearest well permitted/completed in the same formation: 393 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.)
Williams Fork	WMFK	479-17	320	N/2

21. Mineral Ownership:  Fee  State  Federal  Indian Lease #: CA  
COC46604

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):  
 Section 27-T6S-R96W Encana is unleased MI owner in the N/2NW. Encana is a WI owner.

25. Distance to Nearest Mineral Lease Line: 526 ft 26. Total Acres in Lease: 80

### 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: 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	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	24	18	48#	45	25	45	0
SURF	13+1/2	9+5/8	32.3#	1,249	435	1,249	0
1ST	7+7/8	4+1/2	11.6#	7,953	560	7,953	

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

33. Comments Location has been constructed. Pits have been built. No pad expansion necessary. There have been no changes to drlg plans or lease conditions since the original Form 2 was filed. Closed Loop. Not located in an RSO. Site will be reclaimed per Williams 2003 Reclamation Plan. Production casing cement will be 200' above uppermost mesaverde sand. 4. The location does not require a variance from any of the rules listed in Rule 306.d.(1).(A).(ii). Added statements, changed zone type, and commingle per Greg Davis 05/06/2010 RE

34. Location ID: 335459

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: 3/10/2010 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. Nesline Director of COGCC Date: 5/9/2010

Permit Number: \_\_\_\_\_ Expiration Date: 5/8/2011

**API NUMBER**

05 045 18220 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)24 HOUR NOTICE TO MOVE ON LOCATION REQUIRED. E-MAIL: Shaun.Kellerby@state.co.us
- 2)GARFIELD COUNTY RULISON FIELD NOTICE TO OPERATORS. NOTE: ALL NOTICES SHALL BE GIVEN VIA E-MAIL. SEE ATTACHED NOTICE
- 3)CEMENT TOP VERIFICATION BY CBL REQUIRED.
- 4)OPERATOR MUST ENSURE 110 PERCENT SECONDARY CONTAINMENT FOR ANY VOLUME OF FLUIDS CONTAINED AT WELL SITE DURING DRILLING AND COMPLETION OPERATIONS.IF FLUIDS ARE CONVEYED VIA PIPELINE, OPERATOR MUST IMPLEMENT BEST MANAGEMENT PRACTICES TO CONTAIN ANY UNINTENTIONAL RELEASE OF FLUIDS.
- 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)THE PROPOSED SURFACE CASING IS MORE THAN 50' BELOW THE DEPTH OF THE DEEPEST WATER WELL WITHIN 1MILE OF THE SURFACE LOCATION WHEN CORRECTED FOR ELEVATION DIFFERENCES. THE DEEPEST WATER WELL WITHIN 1 MILE IS 130 FEET DEEP.

**Attachment Check List**

Att Doc Num	Name	Doc Description
2557227	CONST. LAYOUT DRAWINGS	LF@2459446 2557227
400047738	FORM 2 SUBMITTED	LF@2437149 400047738

Total Attach: 2 Files