


<b>FORM</b> <b>2</b> Rev 12/05	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 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:  400145294  Plugging Bond Surety	DE	ET	OE	ES
DE	ET	OE	ES				
<b>APPLICATION FOR PERMIT TO:</b>							
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 OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> COALBED <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> COMMINGLE ZONE <input type="checkbox"/>		Refiling <input type="checkbox"/> 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> City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>							
6. Contact Name: <u>Howard Harris</u> Phone: <u>(303)606-4086</u> Fax: <u>(303)629-8268</u> Email: <u>howard.harris@williams.com</u>							
7. Well Name: <u>Federal</u>		Well Number: <u>PA 413-12</u>					
8. Unit Name (if appl): _____		Unit Number: _____					
9. Proposed Total Measured Depth: <u>8253</u>							
<b>WELL LOCATION INFORMATION</b>							
10. QtrQtr: <u>NESW</u> Sec: <u>12</u> Twp: <u>7S</u> Rng: <u>95W</u> Meridian: <u>6</u> Latitude: <u>39.452091</u> Longitude: <u>-107.949910</u>							
Footage at Surface: <u>2592</u> feet      FNL/FSL <u>FSL</u> <u>1752</u> feet      FEL/FWL <u>FWL</u>							
11. Field Name: <u>Parachute</u>		Field Number: <u>67350</u>					
12. Ground Elevation: <u>6507</u>		13. County: <u>GARFIELD</u>					
14. GPS Data: Date of Measurement: <u>04/26/2010</u> PDOP Reading: <u>1.4</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> Footage at Top of Prod Zone:      FNL/FSL      FEL/FWL      Bottom Hole:      FNL/FSL      FEL/FWL <u>1769</u> <u>FSL</u> <u>869</u> <u>FWL</u> <u>1769</u> <u>FSL</u> <u>869</u> <u>FWL</u> Sec: <u>12</u> Twp: <u>7S</u> Rng: <u>95W</u> Sec: <u>12</u> Twp: <u>7S</u> Rng: <u>95W</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>1472 ft</u>							
18. Distance to nearest property line: <u>1723 ft</u> 19. Distance to nearest well permitted/completed in the same formation: <u>322 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	WMFK	139-64	640	Section			

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

21. Mineral Ownership: ☐ Fee ☐ State ☒ Federal ☐ Indian Lease #: COC05173

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: 869 ft 26. Total Acres in Lease: 2365

**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, Evap & Backfill

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	50	45	0
SURF	13+1/2	9+5/8	32.3	0	920	248	920	0
1ST	7+7/8	4+1/2	11.6	0	8,253	643	8,253	4,591

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

33. Comments Top of cement for production casing will be approx 200 feet or more above top of Mesaverde. Federal minerals and Surface. See Williams Production RMT Master APD dated 4/27/06 for Federal 10 Point Drilling Plan and 13 Point Surface Use Plan. Closed mud system. CA COC072179

34. Location ID: 334765

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: Howard Harris

Title: Sr. Regulatory Specialist Date: 3/31/2011 Email: Howard.Harris@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: 4/22/2011

**API NUMBER**

05 045 20636 00

Permit Number: \_\_\_\_\_ Expiration Date: 4/21/2013

**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 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.

(4) 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.

(5) 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 390 FEET DEEP.

OPR originally had 825' surface csg TD. there is a water well (197' deep) less than a mile away @ 5840' elev. Surface casing at this location has to be 920' (actual = 916') TD to be 50' below the adjusted depth of that water well.

# of cement sacks also adjusted to 248.

### **Attachment Check List**

Att Doc Num	Name
400145294	FORM 2 SUBMITTED
400148971	DEVIATED DRILLING PLAN
400148972	DEVIATED DRILLING PLAN
400148973	WELL LOCATION PLAT
400148974	LEGAL/LEASE DESCRIPTION
400148975	FED. DRILLING PERMIT

Total Attach: 6 Files

### **General Comments**

User Group	Comment	Comment Date
Permit	Approved OGLA	4/14/2011 9:39:23 AM
Permit	OGLA is in draft, on hold	4/8/2011 1:38:57 PM

Total: 2 comment(s)

### **BMP**

Type	Comment

Total: 0 comment(s)