

FORM  
5A

Rev  
06/12

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

1654546

Date Received:

08/30/2010

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 96850  
2. Name of Operator: WILLIAMS PRODUCTION RMT COMPANY  
3. Address: 1515 ARAPAHOE ST STE 100  
City: DENVER State: CO Zip: 80202  
4. Contact Name: ANNIE SMITH  
Phone: (303) 572-3900  
Fax: (303) 629-8265  
Email:

5. API Number 05-103-10590-00  
6. County: RIO BLANCO  
7. Well Name: FEDERAL RG  
Well Number: 32-17-298  
8. Location: QtrQtr: SWNE Section: 17 Township: 2S Range: 98W Meridian: 6  
9. Field Name: Field Code:

Completed Interval

FORMATION: CORCORAN Status: PRODUCING Treatment Type:  
Treatment Date: 01/04/2006 End Date: Date of First Production this formation: 01/11/2006  
Perforations Top: 8988 Bottom: 9234 No. Holes: 60 Hole size: 32/100

Provide a brief summary of the formation treatment:

Open Hole: ☐

2,178 BBLS SLICKWATER; 107,528# 30/50 SAND.

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl):

Max pressure during treatment (psi):

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Min frac gradient (psi/ft):

Total acid used in treatment (bbl):

Number of staged intervals:

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs):

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:  
Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:  
Test Method: Casing PSI: Tubing PSI: Choke Size:  
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:  
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

FORMATION: WILLIAMS FORK - CAMEO		Status: PRODUCING		Treatment Type: _____	
Treatment Date: 01/04/2006		End Date: _____		Date of First Production this formation: 01/11/2006	
Perforations	Top: 8054	Bottom: 8552	No. Holes: 312	Hole size: 32/100	

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

12,570 BBLS SLICKWATER; 625,340# 30/50 SAND.

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): _____	Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____	Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): _____	Number of staged intervals: _____
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: _____
Total proppant used (lbs): _____	Rule 805 green completion techniques were utilized: <input type="checkbox"/>

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: _____	Hours: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____
Calculated 24 hour rate: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____	GOR: _____
Test Method: _____	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____	
Gas Disposition: _____	Gas Type: _____	Btu Gas: _____	API Gravity Oil: _____	
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____	

Reason for Non-Production:

Date formation Abandoned: \_\_\_\_\_ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: WILLIAMS FORK-ILES		Status: COMMINGLED		Treatment Type: _____	
Treatment Date: 01/04/2006		End Date: _____		Date of First Production this formation: 01/11/2006	
Perforations	Top: 6459	Bottom: 9620	No. Holes: 444	Hole size: 36/100	

Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

889629# 30/50 SAND. 18022 BBLS SLICKWATER

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): _____	Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): _____
Type of gas used in treatment: _____	Min frac gradient (psi/ft): _____
Total acid used in treatment (bbl): _____	Number of staged intervals: _____
Recycled water used in treatment (bbl): _____	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: _____
Total proppant used (lbs): _____	Rule 805 green completion techniques were utilized: <input type="checkbox"/>

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 01/18/2006	Hours: 24	Bbl oil: 0	Mcf Gas: 1541	Bbl H2O: 0
Calculated 24 hour rate:	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____	GOR: 0
Test Method: FLOWING	Casing PSI: 1434	Tubing PSI: 826	Choke Size: 32/64	
Gas Disposition: SOLD	Gas Type: DRY	Btu Gas: 1144	API Gravity Oil: 56	
Tubing Size: 2 + 3/8	Tubing Setting Depth: 9401	Tbg setting date: 01/15/2006	Packer Depth: _____	

Reason for Non-Production:

Date formation Abandoned: \_\_\_\_\_ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

FORMATION: WILLIAMS FORK Status: PRODUCING Treatment Type: \_\_\_\_\_  
Treatment Date: 01/04/2006 End Date: \_\_\_\_\_ Date of First Production this formation: 01/11/2006  
Perforations Top: 8054 Bottom: 8552 No. Holes: 312 Hole size: 32/100  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

12,570 BBLS SLICKWATER; 625,340# 30/50 SAND.

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): \_\_\_\_\_

Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_

Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_

Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_

Number of staged intervals: \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_

Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_

Disposition method for flowback: \_\_\_\_\_

Total proppant used (lbs): \_\_\_\_\_

Rule 805 green completion techniques were utilized: ☐

Reason why green completion not utilized: \_\_\_\_\_

**Fracture stimulations must be reported on FracFocus.org**

#### Test Information:

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbl oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbl H2O: \_\_\_\_\_ GOR: \_\_\_\_\_

Test Method: \_\_\_\_\_ Casing PSI: \_\_\_\_\_ Tubing PSI: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Gas Disposition: \_\_\_\_\_ Gas Type: \_\_\_\_\_ Btu Gas: \_\_\_\_\_ API Gravity Oil: \_\_\_\_\_

Tubing Size: \_\_\_\_\_ Tubing Setting Depth: \_\_\_\_\_ Tbg setting date: \_\_\_\_\_ Packer Depth: \_\_\_\_\_

Reason for Non-Production: \_\_\_\_\_

Date formation Abandoned: \_\_\_\_\_ Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: \_\_\_\_\_ \*\* Sacks cement on top: \_\_\_\_\_ \*\* Wireline and Cement Job Summary must be attached.

Comment:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Y Print Name: ANNIE SMITH

Title: SR. ENG. TECH. Date: 1/25/2009 Email: ANNIE.SMITH@WILLIAMS.COM

### Attachment Check List

**Att Doc Num** **Name**

\_\_\_\_\_  
Total Attach: 0 Files

### General Comments

**User Group** **Comment**

**Comment Date**

\_\_\_\_\_  
Stamp Upon Approval

Total: 0 comment(s)