

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:

400311449

Date Received:

08/01/2012

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: WPX ENERGY ROCKY MOUNTAIN LLC  
3. Address: 1001 17TH STREET - SUITE #1200  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Julie Lawson  
Phone: (303) 260-4533  
Fax: (303) 629-8268

5. API Number 05-103-11276-00  
6. County: RIO BLANCO  
7. Well Name: Federal RG  
Well Number: 23-14-298  
8. Location: QtrQtr: NESW Section: 14 Township: 2S Range: 98W Meridian: 6  
9. Field Name: SULPHUR CREEK Field Code: 80090

Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/11/2011 End Date: 08/11/2011 Date of First Production this formation: 08/11/2011

Perforations Top: 10023 Bottom: 10158 No. Holes: 12 Hole size: 0.35

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

666.8 GAL 10% HCL; 68600# 40/70 SAND; 6000# 100-MESH SAND; 2765.5 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 2781

Max pressure during treatment (psi):

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal): 8.43

Type of gas used in treatment:

Max frac gradient (psi/ft): 0.69

Total acid used in treatment (bbl): 15

Number of staged intervals: 1

Recycled water used in treatment (bbl): 2765

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 74600

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: <u>CORCORAN</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>08/09/2011</u>		End Date: <u>08/11/2011</u>		Date of First Production this formation: <u>08/11/2011</u>	
Perforations	Top: <u>10187</u>	Bottom: <u>10491</u>	No. Holes: <u>33</u>	Hole size: <u>0.35</u>	

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

1583.4 GAL 10% HCL; 225150# 40/70 SAND; 20300# 100-MESH SAND 8827.8 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>8865</u>	Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.43</u>
Type of gas used in treatment: _____	Max frac gradient (psi/ft): <u>0.59</u>
Total acid used in treatment (bbl): <u>37</u>	Number of staged intervals: <u>3</u>
Recycled water used in treatment (bbl): <u>8827</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>245450</u>	Rule 805 green completion techniques were utilized: <input checked="" 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: <u>SEGO</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>08/08/2011</u>		End Date: <u>08/09/2011</u>		Date of First Production this formation: <u>08/11/2011</u>	
Perforations	Top: <u>10522</u>	Bottom: <u>10841</u>	No. Holes: <u>40</u>	Hole size: <u>0.35</u>	

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

1750 GAL 10% HCL; 289450# 40/70 SAND; 25700# 100-MESH SAND; 11122.6 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>11164</u>	Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.43</u>
Type of gas used in treatment: _____	Max frac gradient (psi/ft): <u>0.59</u>
Total acid used in treatment (bbl): <u>41</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>11122</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>315150</u>	Rule 805 green completion techniques were utilized: <input checked="" 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: <u>WILLIAMS FORK - CAMEO</u>		Status: <u>PRODUCING</u>		Treatment Type: <u>FRACTURE STIMULATION</u>	
Treatment Date: <u>08/11/2011</u>		End Date: <u>08/20/2011</u>		Date of First Production this formation: <u>08/11/2011</u>	
Perforations	Top: <u>7270</u>	Bottom: <u>9741</u>	No. Holes: <u>199</u>	Hole size: <u>0.35</u>	

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

9000 GAL 10% HCL; 1366700# 40/70 SAND; 119700# 100-MESH SAND; 52947.5 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>53161</u>	Max pressure during treatment (psi): _____
Total gas used in treatment (mcf): _____	Fluid density at initial fracture (lbs/gal): <u>8.43</u>
Type of gas used in treatment: _____	Max frac gradient (psi/ft): <u>0.59</u>
Total acid used in treatment (bbl): <u>214</u>	Number of staged intervals: <u>9</u>
Recycled water used in treatment (bbl): <u>52947</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>1486400</u>	Rule 805 green completion techniques were utilized: <input checked="" 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: FRACTURE STIMULATION  
Treatment Date: 08/08/2011 End Date: 08/20/2011 Date of First Production this formation: 08/11/2011  
Perforations Top: 7270 Bottom: 10841 No. Holes: 284 Hole size: 0.35

Provide a brief summary of the formation treatment:

Open Hole: ☐

13000.2 GAL 10% HCL; 1949900# 40/70 SAND; 171700# 100-MESH SAND; 75663.4 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 75972

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

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

Fluid density at initial fracture (lbs/gal): 8.43

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

Max frac gradient (psi/ft): 0.59

Total acid used in treatment (bbl): 309

Number of staged intervals: 13

Recycled water used in treatment (bbl): 7566

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

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

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2121600

Rule 805 green completion techniques were utilized: ☒

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

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

#### Test Information:

Date: 12/12/2011 Hours: 24 Bbl oil: 0 Mcf Gas: 1427 Bbl H2O: 0  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1427 Bbl H2O: 0 GOR: 0  
Test Method: Flowing Casing PSI: 2385 Tubing PSI: 1751 Choke Size: 16/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1095 API Gravity Oil: 0  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 10578 Tbg setting date: 08/26/2011 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: \_\_\_\_\_ Print Name: Julie Lawson

Title: Permit Tech II Date: 8/1/2012 Email julie.lawson@wpenergy.com

#### Attachment Check List

Att Doc Num	Name
400311449	FORM 5A SUBMITTED
400311465	WELLBORE DIAGRAM

Total Attach: 2 Files

#### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)