

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:

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Date Received:

08/09/2012

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 05-103-11801-00  
6. County: RIO BLANCO  
7. Well Name: Federal  
Well Number: RGU 523-35-198  
8. Location: QtrQtr: LOT11 Section: 35 Township: 1s Range: 98w Meridian: 6  
9. Field Name: SULPHUR CREEK Field Code: 80090

Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION  
Treatment Date: 12/01/2011 End Date: 12/01/2011 Date of First Production this formation: 12/09/2011  
Perforations Top: 11210 Bottom: 11370 No. Holes: 19 Hole size: 0.35  
Provide a brief summary of the formation treatment: Open Hole: ☐  
1000 GAL 10% HCL; 106663# 30/50 SAND; 9760# 100-MESH SAND; 4343 BBLS SLICKWATER  
This formation is commingled with another formation: ☒ Yes ☐ No  
Total fluid used in treatment (bbl): 4366 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: Min frac gradient (psi/ft): 0.61  
Total acid used in treatment (bbl): 23 Number of staged intervals: 1  
Recycled water used in treatment (bbl): 4343 Flowback volume recovered (bbl):  
Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE  
Total proppant used (lbs): 116423 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>11/03/2011</u>		End Date: <u>11/30/2011</u>		Date of First Production this formation: <u>12/09/2011</u>	
Perforations	Top: <u>11399</u>	Bottom: <u>11732</u>	No. Holes: <u>30</u>	Hole size: <u>0.35</u>	

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

1375 GAL 10% HCL; 208020.5# 30/50 SAND; 18092.9# 100-MESH SAND 8104.8 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>8137</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: _____	Min frac gradient (psi/ft): <u>0.58</u>
Total acid used in treatment (bbl): <u>32</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>8104</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>226113</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>11/28/2011</u>		End Date: <u>11/30/2012</u>		Date of First Production this formation: <u>12/09/2011</u>	
Perforations	Top: <u>11777</u>	Bottom: <u>12074</u>	No. Holes: <u>33</u>	Hole size: <u>0.35</u>	

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

1625 GAL 10% HCL; 246891.5# 30/50 SAND; 22455.5# 100-MESH SAND; 9706.1 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>9744</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: _____	Min frac gradient (psi/ft): <u>0.58</u>
Total acid used in treatment (bbl): <u>38</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>9706</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>269347</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>12/01/2011</u>		End Date: <u>12/07/2011</u>		Date of First Production this formation: <u>12/09/2011</u>	
Perforations	Top: <u>8391</u>	Bottom: <u>10954</u>	No. Holes: <u>233</u>	Hole size: <u>0.35</u>	

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

10000 GAL 10% HCL; 1592664# 30/50 SAND; 138324# 100-MESH SAND; 60833.1 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>61071</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: _____	Min frac gradient (psi/ft): <u>0.52</u>
Total acid used in treatment (bbl): <u>238</u>	Number of staged intervals: <u>10</u>
Recycled water used in treatment (bbl): <u>60833</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>1730988</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: 11/28/2011 End Date: 12/07/2011 Date of First Production this formation: 12/09/2011  
Perforations Top: 8391 Bottom: 12074 No. Holes: 315 Hole size: 0.35

Provide a brief summary of the formation treatment:

Open Hole: ☐

14000 GAL 10% HCL; 2154239# 30/50 SAND; 188632.4# 100-MESH SAND; 82987 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 83320

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: \_\_\_\_\_

Min frac gradient (psi/ft): 0.52

Total acid used in treatment (bbl): 333

Number of staged intervals: 14

Recycled water used in treatment (bbl): 82987

Flowback volume recovered (bbl): 37264

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

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 2342871

Rule 805 green completion techniques were utilized: ☒

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

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

#### Test Information:

Date: 02/26/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 1355 Bbl H2O: 0  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1355 Bbl H2O: 0 GOR: 0  
Test Method: Flowing Casing PSI: 3074 Tubing PSI: 1457 Choke Size: 14/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1081 API Gravity Oil: 0  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 10920 Tbg setting date: 12/21/2011 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:

\*All flowback water entries are total estimates based on comingled volumes.

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: 8/9/2012 Email julie.lawson@wpenergy.com

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#### Attachment Check List

Att Doc Num	Name
400314480	FORM 5A SUBMITTED
400314501	WELLBORE DIAGRAM

Total Attach: 2 Files

#### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)