

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:

400364081

Date Received:

01/02/2013

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: Matt Barber  
Phone: (303) 606-4385  
Fax: (303) 629-8268

5. API Number 05-103-11849-00  
6. County: RIO BLANCO  
7. Well Name: Federal BCU  
Well Number: 43-36-199  
8. Location: QtrQtr: LOT6 Section: 31 Township: 1N Range: 98W Meridian: 6  
9. Field Name: SULPHUR CREEK Field Code: 80090

Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 08/06/2012 End Date: 08/09/2012 Date of First Production this formation: 08/10/2012

Perforations Top: 9542 Bottom: 9544 No. Holes: 4 Hole size: 35/100

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

109 gals 10% HCL; 1,777# 20/40; 12,888# 30/50; 2,622# 100-MESH; 612 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 615

Max pressure during treatment (psi): 2618

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): 0.56

Total acid used in treatment (bbl): 3

Number of staged intervals: 1

Recycled water used in treatment (bbl): 612

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 17287

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>08/06/2012</u>		End Date: <u>08/09/2012</u>		Date of First Production this formation: <u>08/10/2012</u>	
Perforations	Top: <u>9581</u>	Bottom: <u>9922</u>	No. Holes: <u>32</u>	Hole size: <u>35/100</u>	

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

863 gals 10% HCL; 14,422# 20/40; 105,911# 30/50; 20,877# 100-MESH; 5,014 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>5034</u>	Max pressure during treatment (psi): <u>5293</u>
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>0.55</u>
Total acid used in treatment (bbl): <u>20</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>5014</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: _____
Total proppant used (lbs): <u>141210</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>08/06/2012</u>		End Date: <u>08/09/2012</u>		Date of First Production this formation: <u>08/10/2012</u>	
Perforations	Top: <u>8277</u>	Bottom: <u>9162</u>	No. Holes: <u>87</u>	Hole size: <u>35/100</u>	

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

2,073 gals 10% HCL; 36,000# 20/40; 352,500# 30/50; 40,000# 100-MESH; 14,969 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>15018</u>	Max pressure during treatment (psi): <u>2593</u>
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>0.51</u>
Total acid used in treatment (bbl): <u>49</u>	Number of staged intervals: <u>4</u>
Recycled water used in treatment (bbl): <u>14969</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>436000</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: 08/06/2012 End Date: 08/09/2012 Date of First Production this formation: 08/10/2012

Perforations Top: 8277 Bottom: 9922 No. Holes: 123 Hole size: 35/100

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

3,045 gals 10% HCL; 52,199# 20/40; 471,299# 30/50; 63,499# 100-MESH; 20,595 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 20668 Max pressure during treatment (psi): 5293

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): 0.51

Total acid used in treatment (bbl): 73 Number of staged intervals: 7

Recycled water used in treatment (bbl): 20595 Flowback volume recovered (bbl): \_\_\_\_\_

Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: RECYCLE

Total proppant used (lbs): 594497 Rule 805 green completion techniques were utilized: ☒

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

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

**Test Information:**

Date: 09/30/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 1089 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1089 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 1459 Tubing PSI: 1048 Choke Size: 17/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1123 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 9540 Tbg setting date: 08/15/2012 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: Matt Barber

Title: Sr. Regulatory Specialist Date: 1/2/2013 Email: matt.barber@wpenergy.com

**Attachment Check List**

Att Doc Num	Name
400364081	FORM 5A SUBMITTED
400364085	WELLBORE DIAGRAM

Total Attach: 2 Files

**General Comments**

User Group	Comment	Comment Date
Permit	off hold; pressure info supplied.	2/5/2013 2:06:50 PM
Permit	on hold; need max frac pressures.	2/1/2013 3:28:12 PM

Total: 2 comment(s)