

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:

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: Sandra Salazar  
Phone: (303) 629-8456  
Fax: (303) 629-8268  
Email: sandra.salazar@wpxenergy.com

5. API Number 05-103-12077-00  
6. County: RIO BLANCO  
7. Well Name: FEDERAL  
Well Number: RGU 534-24-198  
8. Location: QtrQtr: LOT 10 Section: 24 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: 09/05/2014 End Date: 09/05/2014 Date of First Production this formation: 09/05/2014

Perforations Top: 11851 Bottom: 11943 No. Holes: 10 Hole size: 35/100

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

250 Gals 10% HCL; 2082 Bbls Slickwater; 52593 # 40/70 Sand; 3750 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 2088 Max pressure during treatment (psi): 5561

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): 6 Number of staged intervals: 1

Recycled water used in treatment (bbl): 2082 Flowback volume recovered (bbl): 9604

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

Total proppant used (lbs): 56343 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>09/05/2014</u>		End Date: <u>09/05/2014</u>		Date of First Production this formation: <u>09/05/2014</u>	
Perforations	Top: <u>11964</u>	Bottom: <u>12316</u>	No. Holes: <u>29</u>	Hole size: <u>35/100</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
250 Gals 10% HCL; 2082 Bbls Slickwater; 52593 # 40/70 Sand; 3750 # 20/40 Sand; (Summary)					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): <u>2088</u>			Max pressure during treatment (psi): <u>5561</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>0.61</u>		
Total acid used in treatment (bbl): <u>6</u>			Number of staged intervals: <u>1</u>		
Recycled water used in treatment (bbl): <u>2082</u>			Flowback volume recovered (bbl): <u>9604</u>		
Fresh water used in treatment (bbl): _____			Disposition method for flowback: <u>RECYCLE</u>		
Total proppant used (lbs): <u>56343</u>			Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>		
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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>09/04/2014</u>		End Date: <u>09/04/2014</u>		Date of First Production this formation: <u>09/05/2014</u>	
Perforations	Top: <u>12341</u>	Bottom: <u>12638</u>	No. Holes: <u>33</u>	Hole size: <u>35/100</u>	

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

1000 Gals 10% HCL; 9792 Bbls Slickwater; 252279 # 40/70 Sand; 17500 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): <u>9816</u>	Max pressure during treatment (psi): <u>5561</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>0.61</u>
Total acid used in treatment (bbl): <u>23</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>9792</u>	Flowback volume recovered (bbl): <u>9604</u>
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>269779</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 - CAMEO		Status: PRODUCING		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 09/05/2014		End Date: 09/08/2014		Date of First Production this formation: 09/05/2014	
Perforations	Top: 10065	Bottom: 11485	No. Holes: 144	Hole size: 35/100	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
3000 Gals 10% HCL; 26130 Bbls Slickwater; 668468 # 40/70 Sand; 47935 # 20/40 Sand; (Summary)					
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Total fluid used in treatment (bbl): 26202		Max pressure during treatment (psi): 5561			
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): 71		Number of staged intervals: 6			
Recycled water used in treatment (bbl): 26130		Flowback volume recovered (bbl): 9604			
Fresh water used in treatment (bbl):		Disposition method for flowback: RECYCLE			
Total proppant used (lbs): 716403		Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>			
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 09/04/2014 End Date: 09/08/2014 Date of First Production this formation: 09/05/2014  
Perforations Top: 10065 Bottom: 12638 No. Holes: 216 Hole size: 35/100  
Provide a brief summary of the formation treatment: Open Hole: ☐

4500 Gals 10% HCL; 1683673 Bbls Slickwater; 1025933 # 40/70 Sand; 72935 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 1683780

Max pressure during treatment (psi): 5561

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): 107

Number of staged intervals: 10

Recycled water used in treatment (bbl): 1683673

Flowback volume recovered (bbl): 9604

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1098868

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

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

#### Test Information:

Date: 10/31/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 999 Bbl H2O: 0  
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 999 Bbl H2O: 0 GOR: 0  
Test Method: Flowing Casing PSI: 1928 Tubing PSI: 943 Choke Size: 14/64  
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1150 API Gravity Oil: 0  
Tubing Size: 2 + 3/8 Tubing Setting Depth: 12113 Tbg setting date: 09/19/2014 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 commingled volumes.

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

Signed: Print Name: Sandra Salazar  
Title: Permit Technician II Date: Email: sandra.salazar@wpenergy.com

### Attachment Check List

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

400745982 WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

**User Group** **Comment**

**Comment Date**

User Group	Comment	Comment Date

Total: 0 comment(s)