

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



DE ET OE ES

Document Number:

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Date Received:

08/08/2012

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 05-103-11796-00
6. County: RIO BLANCO
7. Well Name: Federal
Well Number: RGU 41-1-298
8. Location: QtrQtr: LOT21 Section: 1 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: 03/20/2012 End Date: 03/20/2012 Date of First Production this formation: 03/25/2012

Perforations Top: 11398 Bottom: 11474 No. Holes: 9 Hole size: 0.35

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

540 GAL 10% HCL; 50600.1# 30/50 SAND; 4500# 100-MESH SAND; 2051.4 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 2064

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): 0.68

Total acid used in treatment (bbl):

Number of staged intervals: 1

Recycled water used in treatment (bbl): 2051

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 55100

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>03/20/2012</u>		End Date: <u>03/20/2012</u>		Date of First Production this formation: <u>03/25/2012</u>	
Perforations	Top: <u>11590</u>	Bottom: <u>11932</u>	No. Holes: <u>29</u>	Hole size: <u>0.35</u>	

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

1388.4 GAL 10% HCL; 182600.1# 30/50 SAND; 16071.6# 100-MESH SAND 7183.3 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>7216</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>0.63</u>
Total acid used in treatment (bbl): <u>33</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>7183</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>198671</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>03/19/2012</u>		End Date: <u>03/20/2012</u>		Date of First Production this formation: <u>03/25/2012</u>	
Perforations	Top: <u>11955</u>	Bottom: <u>12215</u>	No. Holes: <u>29</u>	Hole size: <u>0.35</u>	

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

3332.4 GAL 10% HCL; 170300# 30/50 SAND; 6228.6# 100-MESH SAND; 6368.6 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>6447</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>0.61</u>
Total acid used in treatment (bbl): <u>79</u>	Number of staged intervals: <u>2</u>
Recycled water used in treatment (bbl): <u>6368</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>176528</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>03/21/2012</u>		End Date: <u>03/23/2012</u>		Date of First Production this formation: <u>03/25/2012</u>	
Perforations	Top: <u>8586</u>	Bottom: <u>11074</u>	No. Holes: <u>170</u>	Hole size: <u>0.35</u>	

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

5408 GAL 10% HCL; 1159300# 30/50 SAND; 103800# 100-MESH SAND; 42539.6 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): <u>42668</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>0.55</u>
Total acid used in treatment (bbl): <u>128</u>	Number of staged intervals: <u>8</u>
Recycled water used in treatment (bbl): <u>42539</u>	Flowback volume recovered (bbl): _____
Fresh water used in treatment (bbl): _____	Disposition method for flowback: <u>RECYCLE</u>
Total proppant used (lbs): <u>1263100</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: 03/19/2012 End Date: 03/23/2012 Date of First Production this formation: 03/25/2012
Perforations Top: 8586 Bottom: 12215 No. Holes: 237 Hole size: 0.35

Provide a brief summary of the formation treatment:

Open Hole: ☐

10668.8 GAL 10% HCL; 1562800.2# 30/50 SAND; 130600.2# 100-MESH SAND; 58142.8 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 58396

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): 0.55

Total acid used in treatment (bbl): 254

Number of staged intervals: 11

Recycled water used in treatment (bbl): 58142

Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 1693400

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: 06/30/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 1346 Bbl H2O: 0
Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1346 Bbl H2O: 0 GOR: 0
Test Method: Flowing Casing PSI: 2084 Tubing PSI: 1514 Choke Size: 18/64
Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1051 API Gravity Oil: 0
Tubing Size: 2 + 3/8 Tubing Setting Depth: 11499 Tbg setting date: 04/12/2012 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: Julie Lawson

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

Attachment Check List

Att Doc Num	Name
400314131	FORM 5A SUBMITTED
400314143	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)