

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:

400299327

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: Julie Lawson  
Phone: (303) 260-4533  
Fax: (303) 629-8268

5. API Number 05-103-11682-00  
6. County: RIO BLANCO  
7. Well Name: Federal RGU  
Well Number: 41-25-198  
8. Location: QtrQtr: NWNE Section: 25 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: 12/31/2011 End Date: 12/31/2011 Date of First Production this formation: 01/10/2012

Perforations Top: 12000 Bottom: 12020 No. Holes: 5 Hole size: 0.35

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

285 GAL 10% HCL; 52228# 30/50 SAND; 1872.3 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 1879

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:

Number of staged intervals: 1

Total acid used in treatment (bbl): 6

Max frac gradient (psi/ft): 0.65

Recycled water used in treatment (bbl): 1872

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 52228

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:

|                                   |                   |                             |                      |  |  |
|-----------------------------------|-------------------|-----------------------------|----------------------|--|--|
| FORMATION: <u>CORCORAN</u>        |                   | Status: <u>PRODUCING</u>    |                      | Treatment Type: <u>FRACTURE STIMULATION</u>                |  |
| Treatment Date: <u>12/30/2011</u> |                   | End Date: <u>12/31/2011</u> |                      | Date of First Production this formation: <u>01/10/2012</u> |  |
| Perforations                      | Top: <u>12065</u> | Bottom: <u>12395</u>        | No. Holes: <u>27</u> | Hole size: <u>0.35</u>                                     |  |

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

1212 GAL 10% HCL; 214486# 30/50 SAND; 7694.7 BBLS SLICKWATER

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

|   |   |
|---|---|
| Total fluid used in treatment (bbl): <u>7723</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: _____                | Number of staged intervals: <u>2</u>  |
| Total acid used in treatment (bbl): <u>28</u>       | Max frac gradient (psi/ft): <u>0.63</u>   |
| Recycled water used in treatment (bbl): <u>7694</u> | Flowback volume recovered (bbl): _____  |
| Fresh water used in treatment (bbl): _____          | Disposition method for flowback: <u>RECYCLE</u>   |
| Total proppant used (lbs): <u>214486</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: \_\_\_\_\_

|                                   |                   |                             |                      |  |  |
|-----------------------------------|-------------------|-----------------------------|----------------------|--|--|
| FORMATION: <u>SEGO</u>            |                   | Status: <u>PRODUCING</u>    |                      | Treatment Type: <u>FRACTURE STIMULATION</u>                |  |
| Treatment Date: <u>12/29/2011</u> |                   | End Date: <u>12/30/2011</u> |                      | Date of First Production this formation: <u>01/10/2012</u> |  |
| Perforations                      | Top: <u>12416</u> | Bottom: <u>12782</u>        | No. Holes: <u>33</u> | Hole size: <u>0.35</u>                                     |  |

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

1499.5 GAL 10% HCL; 257727# 30/50 SAND; 9329 BBLS SLICKWATER

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

|   |   |
|---|---|
| Total fluid used in treatment (bbl): <u>9364</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: _____                | Number of staged intervals: <u>2</u>  |
| Total acid used in treatment (bbl): <u>35</u>       | Max frac gradient (psi/ft): <u>0.60</u>   |
| Recycled water used in treatment (bbl): <u>9329</u> | Flowback volume recovered (bbl): _____  |
| Fresh water used in treatment (bbl): _____          | Disposition method for flowback: <u>RECYCLE</u>   |
| Total proppant used (lbs): <u>257727</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: \_\_\_\_\_

|   |                  |                             |                       |  |  |
|---|------------------|-----------------------------|-----------------------|--|--|
| FORMATION: <u>WILLIAMS FORK - CAMEO</u> |                  | Status: <u>PRODUCING</u>    |                       | Treatment Type: <u>FRACTURE STIMULATION</u>                |  |
| Treatment Date: <u>12/31/2011</u>       |                  | End Date: <u>01/03/2012</u> |                       | Date of First Production this formation: <u>01/10/2012</u> |  |
| Perforations                            | Top: <u>9123</u> | Bottom: <u>11575</u>        | No. Holes: <u>213</u> | Hole size: <u>0.35</u>                                     |  |

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

10000 GAL 10% HCL; 942325# 30/50 SAND; 601499# 100-MESH SAND; 56305 BBLS SLICKWATER

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

|  |   |
|--|---|
| Total fluid used in treatment (bbl): <u>56543</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: _____                 | Number of staged intervals: <u>10</u>   |
| Total acid used in treatment (bbl): <u>238</u>       | Max frac gradient (psi/ft): <u>0.54</u>   |
| Recycled water used in treatment (bbl): <u>56305</u> | Flowback volume recovered (bbl): _____  |
| Fresh water used in treatment (bbl): _____           | Disposition method for flowback: <u>RECYCLE</u>   |
| Total proppant used (lbs): <u>1543824</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: \_\_\_\_\_

FORMATION: WILLIAMS FORK-ILES Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 12/29/2011 End Date: 01/03/2012 Date of First Production this formation: 01/10/2012

Perforations Top: 9123 Bottom: 12782 No. Holes: 278 Hole size: 0.35

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

12996.5 GAL 10% HCL; 1466766# 30/50 SAND; 601499# 100-MESH SAND; 75201 BBLS SLICKWATER

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

Total fluid used in treatment (bbl): 75510 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: \_\_\_\_\_ Number of staged intervals: 13

Total acid used in treatment (bbl): 309 Max frac gradient (psi/ft): 0.54

Recycled water used in treatment (bbl): 75201 Flowback volume recovered (bbl): 25940

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

Total proppant used (lbs): 2068265 Rule 805 green completion techniques were utilized: ☒

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

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

**Test Information:**

Date: 03/01/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 983 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 983 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 2618 Tubing PSI: 1922 Choke Size: 12/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1093 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 9464 Tbg setting date: 05/08/2012 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: \_\_\_\_\_

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: \_\_\_\_\_ Email: julie.lawson@wpenergy.com

**Attachment Check List**

| Att Doc Num | Name             |
|-------------|------------------|
| 400299341   | WELLBORE DIAGRAM |

Total Attach: 1 Files

**General Comments**

| User Group | Comment | Comment Date |
|------------|---------|--------------|
|            |         |              |

Total: 0 comment(s)