

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:

400852912

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 05-103-12139-00  
6. County: RIO BLANCO  
7. Well Name: FEDERAL  
Well Number: RGU 444-23-198  
8. Location: QtrQtr: SESE Section: 23 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: 01/14/2015 End Date: 01/14/2015 Date of First Production this formation: 01/21/2015

Perforations Top: 11666 Bottom: 11780 No. Holes: 12 Hole size: 35/100

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

250 Gals 10% HCL; 1488 Bbls Slickwater; 39450 # 40/70 Sand; 34000 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 1494 Max pressure during treatment (psi): 6211

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): 0.64

Total acid used in treatment (bbl): 6 Number of staged intervals: 1

Recycled water used in treatment (bbl): 1489 Flowback volume recovered (bbl): 10962

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

Total proppant used (lbs): 73450 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: CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/14/2015 End Date: 01/14/2015 Date of First Production this formation: 01/21/2015

Perforations Top: 11799 Bottom: 12100 No. Holes: 21 Hole size: 35/100

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

250 Gals 10% HCL; 1488 Bbls Slickwater; 39450 # 40/70 Sand; 34000 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 1494

Max pressure during treatment (psi): 6211

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): 0.64

Total acid used in treatment (bbl): 6

Number of staged intervals: 1

Recycled water used in treatment (bbl): 1489

Flowback volume recovered (bbl): 10962

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 73450

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: SEGO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 01/14/2015 End Date: 01/14/2015 Date of First Production this formation: 01/21/2015

Perforations Top: 12177 Bottom: 12474 No. Holes: 39 Hole size: 35/100

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

1000 Gals 10% HCL; 6839 Bbls Slickwater; 190500 # 40/70 Sand; 14600 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 6863

Max pressure during treatment (psi): 6211

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): 0.64

Total acid used in treatment (bbl): 24

Number of staged intervals: 2

Recycled water used in treatment (bbl): 6840

Flowback volume recovered (bbl): 10962

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

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 205100

Rule 805 green completion techniques were utilized: ☒

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

**Fracture stimulations must be reported on [FracFocus.org](http://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: 01/15/2015 End Date: 01/16/2015 Date of First Production this formation: 01/21/2015

Perforations Top: 9664 Bottom: 11340 No. Holes: 144 Hole size: 35/100

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

1000 Gals 10% HCL; 24120 Bbls Slickwater; 647400 # 40/70 Sand; 42800 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 24144

Max pressure during treatment (psi): 6211

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): 0.64

Total acid used in treatment (bbl): 24

Number of staged intervals: 6

Recycled water used in treatment (bbl): 24120

Flowback volume recovered (bbl): 10962

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 690200

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

Treatment Date: 01/14/2015 End Date: 01/16/2015 Date of First Production this formation: 01/21/2015

Perforations Top: 9664 Bottom: 12474 No. Holes: 216 Hole size: 35/100

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

2500 Gals 10% HCL; 1425397 Bbls Slickwater; 916800# 40/70 Sand; 125400 # 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 1425456 Max pressure during treatment (psi): 6211

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): 0.64

Total acid used in treatment (bbl): 60 Number of staged intervals: 9

Recycled water used in treatment (bbl): 1425397 Flowback volume recovered (bbl): 10962

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

Total proppant used (lbs): 1042200 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

#### Test Information:

Date: 02/28/2015 Hours: 24 Bbl oil: 0 Mcf Gas: 1344 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1344 Bbl H2O: 0 GOR: 0

Test Method: FLOWING Casing PSI: 3051 Tubing PSI: 1803 Choke Size: 14/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1076 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 12066 Tbg setting date: 01/26/2015 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

400853034 WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

User Group Comment Comment Date

Total: 0 comment(s)