

FORM  
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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 4. Contact Name: Sandra Salazar  
 2. Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC Phone: (303) 629-8456  
 3. Address: 1001 17TH STREET - SUITE #1200 Fax: (303) 629-8268  
 City: DENVER State: CO Zip: 80202 Email: sandra.salazar@wpxenergy.com

5. API Number 05-103-11996-00 6. County: RIO BLANCO  
 7. Well Name: FEDERAL Well Number: BCU 542-30-198  
 8. Location: QtrQtr: NWSE Section: 30 Township: 1N Range: 98W Meridian: 6  
 9. Field Name: SULPHUR CREEK Field Code: 80090

## Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATIONTreatment Date: 10/18/2014 End Date: 10/18/2014 Date of First Production this formation: 10/20/2014Perforations Top: 9986 Bottom: 10182 No. Holes: 24 Hole size: 35/100Provide a brief summary of the formation treatment: Open Hole: ☒500 Gals 10% HCL; 3694 Bbls Slickwater; 98398# 40/70 Sand; 7500# 20/40 Sand; (Summary)This formation is commingled with another formation: ☐ Yes ☒ NoTotal fluid used in treatment (bbl): 3706Max pressure during treatment (psi): 5258

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): 0.58Total acid used in treatment (bbl): 11Number of staged intervals: 1Recycled water used in treatment (bbl): 3694Flowback volume recovered (bbl): 34097

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

Disposition method for flowback: RECYCLETotal proppant used (lbs): 105889Rule 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: CORCORAN Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/17/2014 End Date: 10/17/2014 Date of First Production this formation: 10/20/2014

Perforations Top: 10233 Bottom: 10411 No. Holes: 24 Hole size: 35/100

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

500 Gals 10% HCL; 4391 Bbls Slickwater; 118761# 40/70 Sand; 8750# 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 4403

Max pressure during treatment (psi): 5258

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): 0.58

Total acid used in treatment (bbl): 11

Number of staged intervals: 1

Recycled water used in treatment (bbl): 4392

Flowback volume recovered (bbl): 34097

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

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 127511

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: ROLLINS Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/18/2014 End Date: 10/18/2014 Date of First Production this formation: 10/20/2014

Perforations Top: 9725 Bottom: 9909 No. Holes: 24 Hole size: 35/100

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

500 Gals 10% HCL; 5507 Bbls Slickwater; 153351# 40/70 Sand; 11250# 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 5519

Max pressure during treatment (psi): 5258

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): 0.58

Total acid used in treatment (bbl): 11

Number of staged intervals: 1

Recycled water used in treatment (bbl): 5507

Flowback volume recovered (bbl): 34097

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

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 164801

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 - CAMEO Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/19/2014 End Date: 10/21/2014 Date of First Production this formation: 10/20/2014

Perforations Top: 8012 Bottom: 9477 No. Holes: 144 Hole size: 35/100

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

3000 Gals 10% HCL; 26298 Bbls Slickwater; 725686# 40/70 Sand; 500000# 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 26370

Max pressure during treatment (psi): 5258

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): 0.58

Total acid used in treatment (bbl): 71

Number of staged intervals: 6

Recycled water used in treatment (bbl): 26298

Flowback volume recovered (bbl): 34097

Fresh water used in treatment (bbl):

Disposition method for flowback: RECYCLE

Total proppant used (lbs): 775686

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: 10/17/2014 End Date: 10/21/2014 Date of First Production this formation: 10/20/2014

Perforations Top: 8012 Bottom: 10817 No. Holes: 264 Hole size: 35/100

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

5500 Gals 10% HCL; 2085202 Bbls Slickwater; 1362243# 40/70 Sand; 96250# 20/40 Sand; (Summary)

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

Total fluid used in treatment (bbl): 2085333 Max pressure during treatment (psi): 5258

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): 0.58

Total acid used in treatment (bbl): 131 Number of staged intervals: 10

Recycled water used in treatment (bbl): 2085202 Flowback volume recovered (bbl): 34097

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

Total proppant used (lbs): 1458493 Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

#### Test Information:

Date: 12/31/2014 Hours: 24 Bbl oil: 0 Mcf Gas: 1272 Bbl H2O: 0

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1272 Bbl H2O: 0 GOR: 0

Test Method: Flowing Casing PSI: 1892 Tubing PSI: 1484 Choke Size: 16/64

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1159 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 10377 Tbg setting date: 10/27/2014 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
400792811	WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)