

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:

400266407

Date Received:

03/30/2012

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: 10079  
2. Name of Operator: ANTERO RESOURCES PICEANCE CORPORATION  
3. Address: 1625 17TH ST STE 300  
City: DENVER State: CO Zip: 80202  
4. Contact Name: Shauna Redican  
Phone: (303) 357-6820  
Fax: (303) 357-7315

5. API Number 05-045-20130-00  
6. County: GARFIELD  
7. Well Name: McLin  
Well Number: C20  
8. Location: QtrQtr: NESE Section: 13 Township: 6S Range: 92W Meridian: 6  
9. Field Name: KOKOPELLI Field Code: 47525

Completed Interval

FORMATION: ROLLINS Status: PRODUCING Treatment Type:  
Treatment Date: 01/27/2012 End Date: Date of First Production this formation: 02/15/2012  
Perforations Top: 7492 Bottom: 7518 No. Holes: 26 Hole size: 0.42

Provide a brief summary of the formation treatment:

Open Hole: ☐

Frac'd with 89,641 bbls 2% KCL Slickwater, 1,716,300 lbs 20/40 sand and 207,300 lbs 20/40 SLC sand

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

Total fluid used in treatment (bbl):

Max pressure during treatment (psi):

Total gas used in treatment (mcf):

Fluid density at initial fracture (lbs/gal):

Type of gas used in treatment:

Number of staged intervals:

Total acid used in treatment (bbl):

Max frac gradient (psi/ft):

Recycled water used in treatment (bbl):

Flowback volume recovered (bbl):

Fresh water used in treatment (bbl):

Disposition method for flowback:

Total proppant used (lbs):

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: WILLIAMS FORK - CAMEO Status: PRODUCING Treatment Type: \_\_\_\_\_

Treatment Date: 01/30/2012 End Date: \_\_\_\_\_ Date of First Production this formation: 02/15/2012

Perforations Top: 5886 Bottom: 7393 No. Holes: 182 Hole size: 0.42

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

Frac'd with 89,641 bbls 2% KCL Slickwater, 1,716,300 lbs 20/40 sand and 207,300 lbs 20/40 SLC sand

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

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_

Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Max frac gradient (psi/ft): \_\_\_\_\_

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_

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

Total proppant used (lbs): \_\_\_\_\_ 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: WILLIAMS FORK-ILES Status: COMMINGLED Treatment Type: \_\_\_\_\_  
 Treatment Date: 01/27/2012 End Date: \_\_\_\_\_ Date of First Production this formation: 02/15/2012  
 Perforations Top: 5886 Bottom: 7518 No. Holes: 208 Hole size: 0.42  
 Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole: ☐

See individual formations for treatment summary

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

Total fluid used in treatment (bbl): \_\_\_\_\_ Max pressure during treatment (psi): \_\_\_\_\_  
 Total gas used in treatment (mcf): \_\_\_\_\_ Fluid density at initial fracture (lbs/gal): \_\_\_\_\_  
 Type of gas used in treatment: \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_  
 Total acid used in treatment (bbl): \_\_\_\_\_ Max frac gradient (psi/ft): \_\_\_\_\_  
 Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): \_\_\_\_\_  
 Fresh water used in treatment (bbl): \_\_\_\_\_ Disposition method for flowback: \_\_\_\_\_  
 Total proppant used (lbs): \_\_\_\_\_ Rule 805 green completion techniques were utilized: ☐

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

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

#### Test Information:

Date: 02/28/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 1401 Bbl H2O: 655  
 Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 1401 Bbl H2O: 655 GOR: 0  
 Test Method: FLOWING Casing PSI: 700 Tubing PSI: 1400 Choke Size: 32/64  
 Gas Disposition: SOLD Gas Type: WET Btu Gas: 1156 API Gravity Oil: 0  
 Tubing Size: 2 + 3/8 Tubing Setting Depth: 7106 Tbg setting date: 02/19/2012 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:

No wellbore diagram available

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

Signed: \_\_\_\_\_ Print Name: Shauna Redican

Title: Permit Representative Date: 3/30/2012 Email: sredican@anteroresources.com

#### Attachment Check List

Att Doc Num	Name
400266407	FORM 5A SUBMITTED

Total Attach: 1 Files

#### General Comments

User Group	Comment	Comment Date
Permit	Changed field from mamm creek to kokopelli to match scout card	6/13/2012 8:57:07 AM

Total: 1 comment(s)