

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:

400318184

Date Received:

08/20/2012

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 05-045-13885-00  
6. County: GARFIELD  
7. Well Name: ROBINSON  
Well Number: A6  
8. Location: QtrQtr: SWSW Section: 8 Township: 6S Range: 92W Meridian: 6  
9. Field Name: MAMM CREEK Field Code: 52500

Completed Interval

FORMATION: COZZETTE Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 02/05/2012 End Date: 02/05/2012 Date of First Production this formation: 05/18/2007

Perforations Top: 8233 Bottom: 8368 No. Holes: 208 Hole size: 0.42

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

The upper portion of the COZZ is still producing from 8233' to 8253'. (ORIGINAL FRAC): Frac'd with 15,317 bbls of .5% KCL, 451,210 lbs 20/40 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: Min frac gradient (psi/ft):

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

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: A portion of the COZZ is TA'd by CIBP @ 8315'

Date formation Abandoned: 02/05/2012 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: 8315 \*\* Sacks cement on top: 4 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: CORCORAN Status: ABANDONED WELLBORE/COMPLETION Treatment Type: \_\_\_\_\_

Treatment Date: 02/05/2012 End Date: 02/05/2012 Date of First Production this formation: 05/18/2007

Perforations Top: 8485 Bottom: 8621 No. Holes: 208 Hole size: 0.42

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

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: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: \_\_\_\_\_

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: CRCRN is TA'd by CIBP @ 8315'

Date formation Abandoned: 02/05/2012 Squeeze: ☐ Yes ☒ No If yes, number of sacks cmt \_\_\_\_\_

\*\* Bridge Plug Depth: 8315 \*\* Sacks cement on top: 4 \*\* Wireline and Cement Job Summary must be attached.

FORMATION: <u>ROLLINS</u>		Status: <u>PRODUCING</u>		Treatment Type: _____	
Treatment Date: <u>02/05/2012</u>		End Date: <u>02/05/2012</u>		Date of First Production this formation: <u>05/18/2007</u>	
Perforations	Top: <u>7712</u>	Bottom: <u>7718</u>	No. Holes: <u>24</u>	Hole size: <u>0.42</u>	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
This formation is commingled with another formation:			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: _____			Min frac gradient (psi/ft): _____		
Total acid used in treatment (bbl): _____			Number of staged intervals: _____		
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: <input type="checkbox"/>		
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
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: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> 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: 05/10/2007 End Date: 05/12/2007 Date of First Production this formation: 05/17/2007

Perforations Top: 7166 Bottom: 7655 No. Holes: 204 Hole size: 0.42

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

(ORIGINAL FRAC): Frac'd with 16,789 bbls of .5% KCL, 478,800 lbs 20/40 sand

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

Total fluid used in treatment (bbl): 16789 Max pressure during treatment (psi): 7171

Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): \_\_\_\_\_

Type of gas used in treatment: \_\_\_\_\_ Min frac gradient (psi/ft): \_\_\_\_\_

Total acid used in treatment (bbl): \_\_\_\_\_ Number of staged intervals: 4

Recycled water used in treatment (bbl): \_\_\_\_\_ Flowback volume recovered (bbl): 13534

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

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: 04/09/2012 Hours: 24 Bbl oil: 0 Mcf Gas: 95 Bbl H2O: 2

Calculated 24 hour rate: Bbl oil: 0 Mcf Gas: 95 Bbl H2O: 2 GOR: 0

Test Method: Flowing Casing PSI: 608 Tubing PSI: 465 Choke Size: 30/64

Gas Disposition: SOLD Gas Type: WET Btu Gas: 1021 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7436 Tbg setting date: 02/05/2012 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: \_\_\_\_\_

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: 8/20/2012 Email: sredican@anteroresources.com

**Attachment Check List**

Att Doc Num	Name
400318184	FORM 5A SUBMITTED
400318284	WIRELINE JOB SUMMARY

Total Attach: 2 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	Off hold; corrected RLNS status to PR. Wireline tkt. only available.	11/1/2012 6:41:54 AM
Permit	On hold pending explanation of CIBP set @ 8315' TA'ing RLNS from 7712-18. Req'd cement tkt. Corcoran should be AC status.	10/31/2012 2:26:17 PM

Total: 2 comment(s)