

FORM  
5A  
Rev  
02/08

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400223824

## 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: Hannah Knopping  
Phone: (303) 357-6412  
Fax: (303) 357-7315

5. API Number 05-045-15173-00  
6. County: GARFIELD  
7. Well Name: NORCROSS Well Number: A9  
8. Location: QtrQtr: NESW Section: 13 Township: 6S Range: 93W Meridian: 6  
9. Field Name: MAMM CREEK Field Code: 52500

### Completed Interval

FORMATION: COZZETTE Status: PRODUCING  
Treatment Date: 09/04/2011 Date of First Production this formation: 10/18/2008  
Perforations Top: 8375 Bottom: 8445 No. Holes: 18 Hole size: 0.42  
Provide a brief summary of the formation treatment: \_\_\_\_\_ Open Hole:   
A portion of the COZZ is T&A'd from 8478'- 8518'  
This formation is commingled with another formation:  Yes  No  
**Test Information:**  
Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_  
Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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: \_\_\_\_\_  
Upper portion of COZZ is still producing  
Date formation Abandoned: 09/04/2011 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_  
Bridge Plug Depth: 8478 Sacks cement on top: 2

FORMATION: CORCORAN Status: TEMPORARILY ABANDONED

Treatment Date: 09/04/2011 Date of First Production this formation: 10/18/2008

Perforations Top: 8644 Bottom: 8807 No. Holes: 36 Hole size: 0.42

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

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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 T&A'd by CIBP

Date formation Abandoned: 09/04/2011 Squeeze:  Yes  No If yes, number of sacks cmt \_\_\_\_\_

Bridge Plug Depth: 8478 Sacks cement on top: 2

FORMATION: WILLIAMS FORK - CAMEO Status: PRODUCING

Treatment Date: 10/08/2008 Date of First Production this formation: 10/18/2008

Perforations Top: 6821 Bottom: 7824 No. Holes: 138 Hole size: 0.42

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

(Original Frac) - Frac'd with 25,438 bbls of 2% KCL & 719,400 lbs 30/50 sand

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: \_\_\_\_\_ Hours: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls H2O: \_\_\_\_\_

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: \_\_\_\_\_ Mcf Gas: \_\_\_\_\_ Bbls 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 Date: 09/04/2011 Date of First Production this formation: 10/18/2008

Perforations Top: 6821 Bottom: 8445 No. Holes: 156 Hole size: 0.42

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

See individual formations for summary of formation treatment. Original perms - 18 (COZZ Open) + 138 (WFCM Open) = 156

This formation is commingled with another formation:  Yes  No

**Test Information:**

Date: 09/15/2011 Hours: 24 Bbls oil: 0 Mcf Gas: 301 Bbls H2O: 47

Calculated 24 hour rate: \_\_\_\_\_ Bbls oil: 0 Mcf Gas: 301 Bbls H2O: 47 GOR: 0

Test Method: Flowing Casing PSI: 1010 Tubing PSI: 658 Choke Size: 30/64

Gas Disposition: SOLD Gas Type: WET BTU Gas: 1051 API Gravity Oil: 0

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7579 Tbg setting date: 09/05/2011 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: \_\_\_\_\_

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

Signed: \_\_\_\_\_ Print Name: Hannah Knopping

Title: Permit Representative Date: \_\_\_\_\_ Email: hknopping@anteroresources.com

Based on the information provided herein, this Completed Interval Report (Form 5A) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**Attachment Check List**

Att Doc Num	Name
400223871	WIRELINE JOB SUMMARY

Total Attach: 1 Files

**General Comments**

User Group	Comment	Comment Date

Total: 0 comment(s)