

FORM  
5  
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:

400091398

**DRILLING COMPLETION REPORT**

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

1. OGCC Operator Number: 10079 4. Contact Name: Hannah Knopping  
2. Name of Operator: ANTERO RESOURCES PICEANCE CORPORATION Phone: (303) 357-6412  
3. Address: 1625 17TH ST STE 300 Fax: (303) 357-7315  
City: DENVER State: CO Zip: 80202

5. API Number 05-045-19639-00 6. County: GARFIELD  
7. Well Name: Frei Well Number: A21  
8. Location: QtrQtr: Lot 10 Section: 7 Township: 6S Range: 91W Meridian: 6  
Footage at surface: Direction: FSL Distance: 540 Direction: FWL Distance: 925  
As Drilled Latitude: 39.535979 As Drilled Longitude: 107.603240  
GPS Data:  
Data of Measurement: 08/24/2010 PDOP Reading: 1.3 GPS Instrument Operator's Name: Scott Aibner  
\*\* If directional footage  
at Top of Prod. Zone Distance: 979 Direction: FSL Distance: 631 Direction: FWL  
at Bottom Hole Distance: 986 Direction: FSL Distance: 618 Direction: FWL  
9. Field Name: KOKOPELLI 10. Field Number: 47525  
11. Federal, Indian or State Lease Number: \_\_\_\_\_

12. Spud Date: (when the 1st bit hit the dirt) 06/30/2010 13. Date TD: 07/06/2010 14. Date Casing Set or D&A: 07/08/2010

15. Well Classification:  
☐ Dry ☐ Oil ☒ Gas/Coalbed ☐ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

16. Total Depth MD 6800 TVD 6747 17 Plug Back Total Depth MD 6752 TVD 6699

18. Elevations GR 5545 KB 5569 One paper copy of all electric and mud logs must be submitted, along with one digital LAS copy as available.

19. List Electric Logs Run:  
Mud, Triple Combo, CBL

20. Casing, Liner and Cement:

### CASING

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
CONDUCTOR	24	16	65#	84	100	84	0
SURF	12+1/4	8+5/8	32#	1,000	267	1,011	0
1ST	7+7/8	4+1/2	11.6#	6,789	501	6,800	2,360

### ADDITIONAL CEMENT

Cement work date: \_\_\_\_\_

Details of work: \_\_\_\_\_

21. Formation log intervals and test zones:

### FORMATION LOG INTERVALS AND TEST ZONES

FORMATION NAME	Measured Depth		Check if applies		COMMENTS (All DST and Core Analyses must be submitted to COGCC)
	Top	Bottom	DST	Cored	
MESAVERDE	2,878		<input type="checkbox"/>	<input type="checkbox"/>	
CAMEO	5,389		<input type="checkbox"/>	<input type="checkbox"/>	
ROLLINS	6,560		<input type="checkbox"/>	<input type="checkbox"/>	

Comment:

Casing setting depths are from KB.

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 Drilling Completion Report (Form 5) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ **Director of COGCC**

Date: \_\_\_\_\_

### **Attachment Check List**

Att Doc Num	Name	Doc Description
400092023	PLAT	Frei A21_As Drilled Plat.pdf
400092024	DIRECTIONAL SURVEY	Antero Frei A21 EOWR.pdf
400092027	CMT SUMMARY	Frei A21_Surface Cement Report.pdf
400092041	LAS-MUD	Frei A21 Mud Log.las
400092043	LAS-CEMENT BOND	FREI_A21_MAIN_BOND.las
400092044	LAS-TRIPLE COMBINATION	FREI_A21_MAIN_RPM.las

Total Attach: 6 Files