



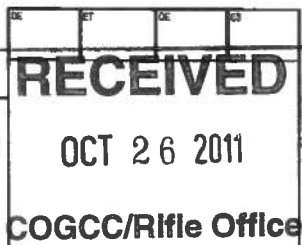
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Page 1

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303)894-2100 Fax: (303)894-2109



## SUNDRY NOTICE

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 10079	4. Contact Name Hannah Knopping	Complete the Attachment Checklist
2. Name of Operator: Antero Resources Piceance Corporation	Phone: (303) 357-6412	
3. Address: 1625 17th Street, Suite 300	Fax: (303) 357-7315	OP OGCC
City: Denver State: CO Zip: 80202		
5. API Number 05-045-18327-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: O'Toole	7. Well/Facility Number A6	Directional Survey
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE, Section 16, T6S, R92W, 6th P.M.		Surface Eqmpt Diagram
9. County: Garfield	10. Field Name: Mamm Creek	Technical Info Page
11. Federal, Indian or State Lease Number:		Other

## General Notice

<input type="checkbox"/> CHANGE OF LOCATION: Attach New Survey Plat (a change of surface qtr/qtr is substantive and requires a new permit)																	
Change of Surface Footage from Exterior Section Lines:	<table border="1"><tr><td></td><td>FNL/FSL</td><td></td><td>FEL/FWL</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table>		FNL/FSL		FEL/FWL												
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Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer																	
Latitude	Distance to nearest property line																
Longitude	Distance to nearest bldg, public rd, utility or RR																
Ground Elevation	Distance to nearest lease line																
	Is location in a High Density Area (rule 603b)? Yes/No																
	Distance to nearest well same formation																
	Surface owner consultation date:																
GPS DATA:																	
Date of Measurement PDOP Reading Instrument Operator's Name																	
<input type="checkbox"/> CHANGE SPACING UNIT																	
Formation	Formation Code																
Spacing order number	Unit Acreage																
Unit configuration																	
<input type="checkbox"/> Remove from surface bond																	
Signed surface use agreement attached																	
<input type="checkbox"/> CHANGE OF OPERATOR (prior to drilling):																	
Effective Date:																	
Plugging Bond: <input type="checkbox"/> Blanket <input type="checkbox"/> Individual																	
<input type="checkbox"/> CHANGE WELL NAME																	
From:	NUMBER																
To:																	
Effective Date:																	
<input type="checkbox"/> ABANDONED LOCATION:																	
Was location ever built? <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Is site ready for inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No																	
Date Ready for inspection:																	
<input type="checkbox"/> NOTICE OF CONTINUED SHUT IN STATUS																	
Date well shut in or temporarily abandoned:																	
Has Production Equipment been removed from site? <input type="checkbox"/> Yes <input type="checkbox"/> No																	
MIT required if shut in longer than two years. Date of last MIT																	
<input type="checkbox"/> SPUD DATE:																	
<input type="checkbox"/> REQUEST FOR CONFIDENTIAL STATUS (6 mos from date casing set)																	
<input type="checkbox"/> SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK																	
*submit cbl and cement job summaries																	
Method used	Cementing tool setting/perf depth																
Cement volume	Cement top																
Cement bottom	Date																
<input type="checkbox"/> RECLAMATION: Attach technical page describing final reclamation procedures per Rule 1004.																	
Final reclamation will commence on approximately																	
<input type="checkbox"/> Final reclamation is completed and site is ready for inspection.																	

## Technical Engineering/Environmental Notice

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Report of Work Done	
Approximate Start Date: 11/17/2011	Date Work Completed:	
Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)		
<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input type="checkbox"/> Casing/Cementing Program Change	<input checked="" type="checkbox"/> Other: Request to Complete	for Spills and Releases

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

Signed: Hannah Knopping Date: 10/26/2011 Email: hknopping@anteroresources.com

Print Name: Hannah Knopping Title: Permit Representative

COGCC Approved: Kevin J. King Title: EIT III Date: NOV 02 2011

CONDITIONS OF APPROVAL, IF ANY:



## TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

RECEIVED

OCT 26 2011

OGCC/Rifle Office

1. OGCC Operator Number: 10079 API Number: 05-045-18327-00
2. Name of Operator: Antero Resources Piceance Corp. OGCC Facility ID #
3. Well/Facility Name: O'Toole Well/Facility Number: A6
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESE, Section 16, T6S, R92W, 6th P.M.

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. DESCRIBE PROPOSED OR COMPLETED OPERATIONS

The Otoole A6 has been successfully cemented according to the approved plan and a summary of the braden head monitoring is listed below. One Thousand and thirty four (1,034) sacks of cement were used to cover the Top of Gas as per Colorado Oil and Gas Conservation Commission rules. Appropriate industry practices and procedures were utilized on the Otoole A6 cementing program. The cement bond log indicates good zonal isolation and coverage from TD to 1,595'. I, Jonathon Black, certify that all the information contained within this Sundry is true and correct.

Date Cemented: 10/5/2011

Plug Bumped: 10/5/2011

WOC Time: 6 hrs

Temp Log Run: Yes 10/5/2011 20:00 PM

Mandrel set @ 10/5/2011 13:00hrs

Braden Head Pressures:

6 hours:	0	psig	19:00 PM 10/5/2011
12 hours	0	psig	01:00 AM 10/6/2011
24 hours	0	psig	13:00 PM 10/6/2011
48 hours	0	psig	13:00 PM 10/7/2011
72 hours	0	psig	13:00 PM 10/8/2011
96 hours	0	psig	13:00 PM 10/9/2011
120 hours	0	psig	13:00 PM 10/10/2011
144 hours	0	psig	13:00 PM 10/11/2011
168 hours	0	psig	13:00 PM 10/12/2011

TOC 1750'  
KK

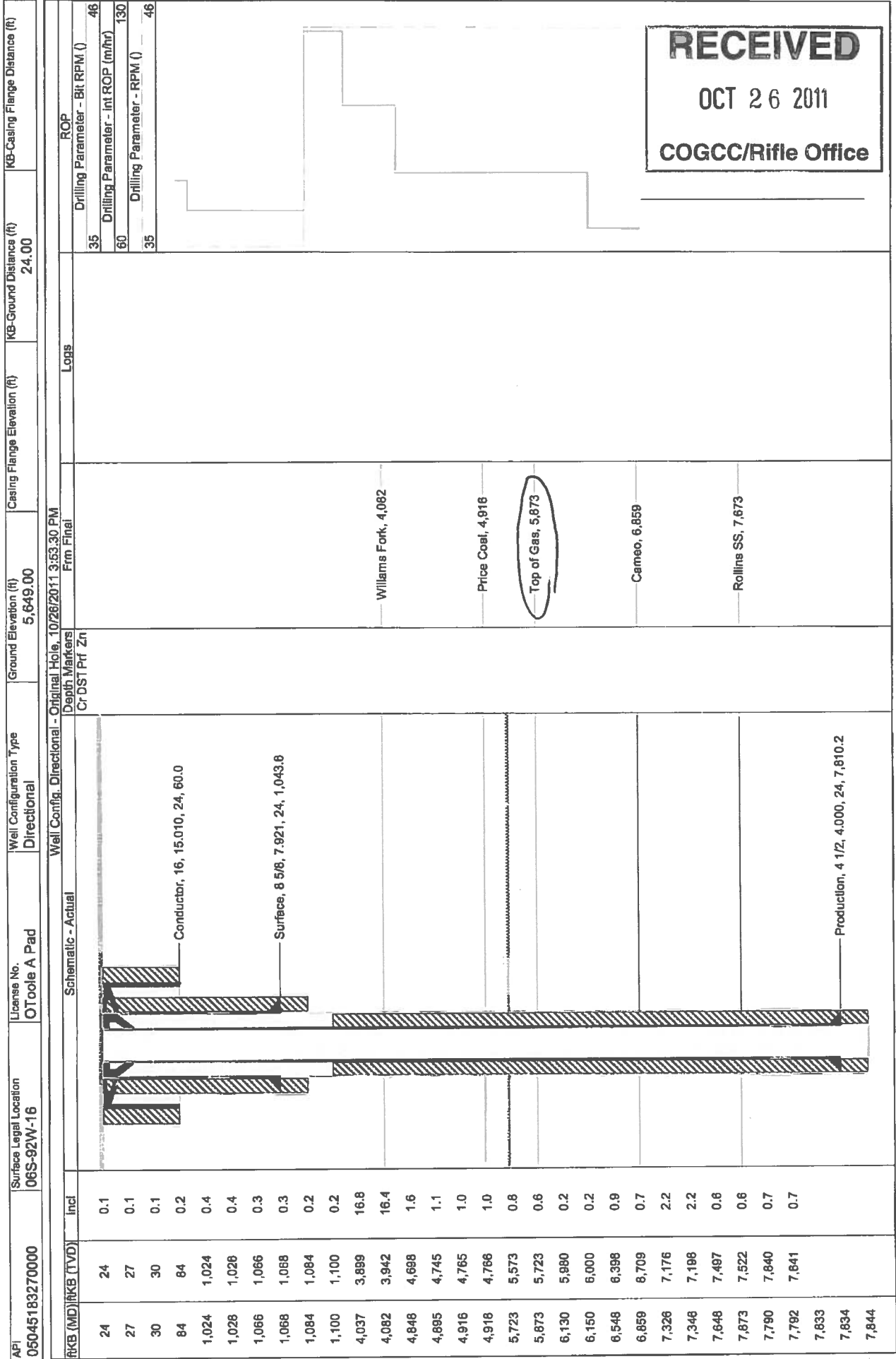
NOTE: Antero received approval from COGCC Engineer, Kevin King, on 10/11/2011, to defer running the CBL on the subject well, per Mamm Creek Notice to Operators policy.

## ATTACHMENTS:

- 1) Cement Bond Log
- 2) 1-Page Temperature Survey
- 3) Wellbore Schematic

Geological Schematic

Well Name: OToole A6



RECEIVED  
OCT 26 2011  
COGCC/Rifle Office



TEMPERATURE LOG

RECEIVED  
OCT 26 2011  
COGCC/Reg  
Company  
Well  
Field  
County  
State

ANTERO RESOURCES CORP.  
ANTERO RESOURCES CORP.  
OTOLLE A6  
MAMM CREEK  
GARFIELD  
GARFIELD  
State COLORADO

Location: SESE  
SURFACE 1102' FSL & 357' FEL  
SEC. 16 TWP. 6S RGE. 92W  
API #: 05-045-18327-0000  
Other Services  
NONE  
Permanent Datum SURFACE Elevation 5652'  
Log Measured From KELLY BUSHING = 24'  
Drilling Measured From KELLY BUSHING  
Elevation  
K.B. 5676'  
D.F. 5675'  
G.L. 5652'

Date 05 OCT 2011

Run Number	ONE			
Depth Driller	N/A			
Depth Logger	732.1'			
Bottom Logged Interval	732.1'			
Top Log Interval	SURFACE			
Open Hole Size	N/A			
Type Fluid	WATER			
Density / Viscosity	~8.33#			
Max. Recorded Temp.	183.0 F			
Estimated Cement Top	1100'			
Time Well Ready	N/A			
Time Logger on Bottom	N/A			
Equipment Number	FL0602W			
Location	GRAND JUNCTION			
Recorded By	J. ARRESTEN			
Witnessed By	J. CANADY			
Borehole Record				
Run Number	Bit	From	To	Size
Tubing Record				
			Weight	From
				To
Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"	11.6#	SURFACE	7790'
Liner				

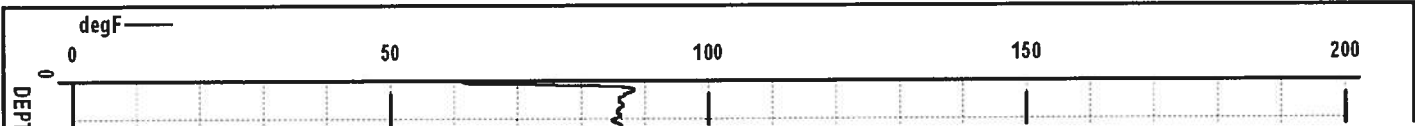
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

LOG WAS RUN APPROXIMATLY 12 HOURS AFTER CEMENT JOB

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-0458



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OCT 26 2011

COGCC/Rifle Office

