

\*Antero is submitting an "Interim" Form WR-35 showing the well work that has been completed to date. This well has been partially drilled to 5200' TVD and we are submitting a second permit to Drill Deeper. We will follow up with the "Final" Form WR-35 & WR-34 within 90 days of completion.

WR-35  
Rev. 8/23/13

Page \_\_\_ of \_\_\_

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 095 - 02130 County Tyler District Lincoln  
Quad Paden City 7.5' Pad Name Nalley Field/Pool Name ----  
Farm name Nalley, Robert D. & Virginia A. Well Number Pursley Unit 1H  
Operator (as registered with the OOG) Antero Resources Corporation  
Address 1615 Wynkoop Street City Denver State CO Zip 80202

\* This well has been drilled to 5200' TVD. We will submit an As-Drilled Plat once we finish drilling deeper to our Total Measured Depth.

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing \_\_\_\_\_ Easting \_\_\_\_\_  
Landing Point of Curve Northing \_\_\_\_\_ Easting \_\_\_\_\_  
Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 971' GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine

Mud Type(s) and Additive(s)  
Air - Foam & 4% KCL  
Mud - Polymer

Date permit issued 1/10/2014 Date drilling commenced 7/9/2014 Date drilling ceased 12/8/2014  
Date completion activities began WOC Date completion activities ceased WOC  
Verbal plugging (Y/N) N/A Date permission granted N/A Granted on \_\_\_\_\_

RECEIVED  
Office of Oil and Gas  
NOV 9 2014  
RECEIVED  
Office of Oil and Gas  
NOV 15 2014  
WV Department of Environmental Protection  
Office of Oil and Gas  
NOV 15 2014  
WV Department of Environmental Protection  
Office of Oil and Gas  
NOV 15 2014

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 267' Open mine(s) (Y/N) depths No  
Salt water depth(s) ft None Identified Void(s) encountered (Y/N) depths No  
Coal depth(s) ft None Identified Cavern(s) encountered (Y/N) depths No  
Is coal being mined in area (Y/N) No

Reviewed by: \_\_\_\_\_

**APPROVED**

NAME: Justin Snyder  
DATE: 2/3/17

API 47-095 - 02130 Farm name Nalley, Robert D. & Virginia A. Well number Pursley Unit 1H

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	30"	20"	90'	New	133#/J-55	N/A	Y
Surface	17-1/2"	13-3/8"	353'	New	48#/H-40	N/A	Y
Coal							
Intermediate 1	12-1/4"	9-5/8"	2504'	New	36#/J-55	N/A	Y
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set		N/A					

Comment Details \*Please note this well has only been drilled to 5200' TVD.

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor	Class A	240 sx	15.6	1.18	86	0'	8 Hrs.
Surface	Class A	400 sx	15.6	1.18	245	0'	8 Hrs.
Coal							
Intermediate 1	Class A	979 sx	15.6	1.18	784	0'	8 Hrs.
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 5200' TVD Loggers TD (ft) N/A  
 Deepest formation penetrated Alexander Plug back to (ft) N/A  
 Plug back procedure N/A

Kick off depth (ft) 5200'

Check all wireline logs run  caliper  density  deviated/directional  induction  temperature  neutron  resistivity  gamma ray  sonic

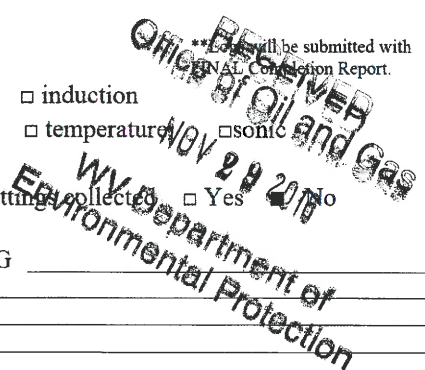
Well cored  Yes  No Conventional  Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING \_\_\_\_\_  
 Conductor - 0  
 Surface - 1 above guide shoe, 1 above insert float, 1 every 4th joint to surface  
 Intermediate - 1 above float joint, 1 above float collar, 1 every 4th joint to surface

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS N/A - WOC

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS N/A - WOC

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED N/A - WOC





API 47- 095 - 02130 Farm name Nalley, Robert D. & Virginia A. Well number Pursley Unit 1H

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
	<u>TVD</u>	<u>MD</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump

SHUT-IN PRESSURE Surface --- psi Bottom Hole --- psi DURATION OF TEST --- hrs

OPEN FLOW Gas Oil NGL Water GAS MEASURED BY  
--- mcfpd --- bpd --- bpd --- bpd  Estimated  Orifice  Pilot

<u>LITHOLOGY/ FORMATION</u>	<u>TOP DEPTH IN FT NAME TVD</u>	<u>BOTTOM DEPTH IN FT TVD</u>	<u>TOP DEPTH IN FT MD</u>	<u>BOTTOM DEPTH IN FT MD</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H<sub>2</sub>S, ETC)</u>
	0		0		

**\*WELL IS WAITING ON DRILLING\***

**Information will be updated on FINAL WR-35 once completed**


Please insert additional pages as applicable.

Drilling Contractor Falcon Drilling  
Address 102 Broadway St., 300 City Carnegie State PA Zip 15106

Logging Company ---  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Cementing Company Nabors Completion & Production Services, Co.  
Address 1650 Hackers Creek City Jane Lew State WV Zip 26378

Stimulating Company ----  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Please insert additional pages as applicable.

Completed by Kara Quackenbush Telephone 303-357-7233  
Signature  Title Permitting Agent Date 11/28/2016