WR-35
Rev (9-11)

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

DATE: 4-5-2012
API #: 47-097-03514

Farm name: Arthur Chidester 1H Operator Well No.: 626748

LOCATION: Elevation: 1900' Quadrangle: Rock Cave

District: Banks County: Upshur
Latitude: 11,600' Feet South of 38 Deg. 50 Min. 00 Sec.
Longitude 14,750' Feet West of 80 Deg. 17 Min. 30 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Oklahoma City, OK 73154-0496	13 3/8"	600'	600'	673 Cu. Ft.
Agent: Eric Gillespie	9 5/8"	1926'	1926'	5052 Cu. Ft.
Inspector: Bill Hendershot	7"	7356'	7356'	915 Cu. Ft.
Date Permit Issued: 6-11-2009	4 1/2"	10646'	10646'	477 Cu. Ft.
Date Well Work Commenced: 12-7-2009				
Date Well Work Completed: 10-25-2010				
Verbal Plugging:				
Date Permission granted on:				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 7136'				
Total Measured Depth (ft): 10646'				
Fresh Water Depth (ft.): 499'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 499'-501', 999'				
Void(s) encountered (N/Y) Depth(s) N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,273' - 10,455'
Gas: Initial open flow ____ MCF/d Oil: Initial open flow ____ Bbl/d
Final open flow 2,245* MCF/d Final open flow -- Bbl/d
Time of open flow between initial and final tests 42 Hours *Calculated
Static rock Pressure 3,194* psig (surface pressure) after ____ Hours

Second producing formation ____ Pay zone depth (ft) ____
Gas: Initial open flow ____ MCF/d Oil: Initial open flow ____ Bbl/d
Final open flow ____ MCF/d Final open flow ____ Bbl/d
Time of open flow between initial and final tests ____ Hours
Static rock Pressure ____ psig (surface pressure) after ____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Marlene Mcciane
Signature

8-29-2012
Date

12/07/2012

Were core samples taken? Yes_____ No X Were cuttings caught during drilling? Yes X No_____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Resistivity, Nuclear, Sonic, and Borehole Image in the vertical and curve, MWD GR in the lateral.

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

(See Attached)

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Top Depth / Bottom Depth
Surface:

Formations on attached document.

AUG 30 2012

WV Department of
Environmental Protection

12/07/2012

PERFORATION RECORD ATTACHMENT

Well Number and Name: 626748 Arthur Chidester 1H

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated					*Fluid*		*Propping Agent*		Average
Date	From	To	Date	Interval Treated		Type	Amount	Type	Amount	Injection
8/7/2010	10213	10455	10/16/2010	10213	10455	Slk wtr	8165	Sand	303325	84
10/16/2010	9913	10155	10/16/2010	9913	10155	Slk wtr	7979	Sand	305123	82
10/16/2010	9613	9855	10/17/2010	9613	9855	Slk wtr	7932	Sand	302240	82
10/17/2010	9313	9555	10/18/2010	9313	9555	Slk wtr	7537	Sand	314749	85
10/18/2010	9013	9255	10/19/2010	9013	9255	Slk wtr	7360	Sand	305980	86
10/19/2010	8773	8955	10/20/2010	8773	8955	Slk wtr	6736	Sand	250646	91
10/21/2010	8473	8715	10/21/2010	8473	8715	Slk wtr	7384	Sand	301000	86
10/21/2010	8173	8415	10/22/2010	8173	8415	Slk wtr	7444	Sand	306900	89
10/23/2010	7873	8115	10/24/2010	7873	8115	Slk wtr	7137	Sand	297000	91
10/24/2010	7573	7815	10/24/2010	7573	7815	Slk wtr	7107	Sand	303066	91
10/24/2010	7273	7515	10/25/2010	7273	7515	Slk wtr	7302	Sand	320300	91

LATERAL WELLBORE

Maximum TVD of wellbore: 7136 ft TVD @ 8797 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/SHALE	0	0	1476	1476
LS	1476	1476	1714	1714
SS	1714	1714	1917	1917
SHALE	1917	1917	6889	6890
GENESEO	6899	6890	6951	6935
TULLY	6951	6935	6969	6950
HAMILTON	6969	6950	7086	7035
MARCELLUS	7086	7035	10646	7097
TD	10646	7097		0