

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

DATE: 8-21-2012
API #: 47-009-00118

Farm name: Edward Zatta BRK 10H Operator Well No.: 834339

LOCATION: Elevation: 1220' Quadrangle: Tiltonsville

District: Buffalo County: Brooke
Latitude: 2120' Feet South of 40 Deg. 15 Min. 00 Sec.
Longitude 1300' Feet West of 80 Deg. 37 Min. 30 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	26"	42'	42'	701 Cu. Ft.
Agent: Eric Gillespie	20"	304'	304'	550 Cu. Ft.
Inspector: Bill Hendershot	13 3/8"	650'	650'	701 Cu. Ft.
Date Permit Issued: 1-18-2012	9 5/8"	1708'	1708'	712 Cu. Ft.
Date Well Work Commenced: 3-14-2012	5 1/2"	10826'	10826'	2357 Cu. Ft.
Date Well Work Completed: 5-30-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 5754'				
Total Measured Depth (ft): 10829'				
Fresh Water Depth (ft.): 70', 250'				
Salt Water Depth (ft.): 1350'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 252'				
Void(s) encountered (N/Y) Depth(s) Y 261'				

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

Producing formation Marcellus Pay zone depth (ft) 6,130'-10,691'

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow Not Tested 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

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 Williams
Signature

8-24-2012
Date

01/11/2013

LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 5754 ft TVD @ 10829 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SS	0	0	252	252
PITTSBURG COAL	252	252	260	260
SS/LS	260	260	1000	1000
SS	1000	1000	1100	1100
BIG LIME (LS)	1100	1100	1306	1306
BIG INJUN (SS)	1306	1306	1509	1509
SHALE	1509	1509	5749	5544
GENESEO (SH)	5749	5544	5767	5556
TULLY (LS)	5767	5556	5832	5600
HAMILTON (SH)	5832	5600	5988	5687
MARCELLUS (SH)	5988	5687		
TD OF LATERAL			10829	5754