

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: 12-18-2013
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: <u>Eric Gillespie</u>	20"	304'	304'	550 Cu. Ft.
Inspector: <u>Bill Hendershot</u>	13 3/8"	650'	650'	701 Cu. Ft.
Date Permit Issued: <u>1-18-2012</u>	9 5/8"	1708'	1708'	712 Cu. Ft.
Date Well Work Commenced: <u>3-14-2012</u>	5 1/2"	10826'	10826'	2357 Cu. Ft.
Date Well Work Completed: <u>6-29-2012</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>5795'</u>				
Total Measured Depth (ft): <u>10829'</u>				
Fresh Water Depth (ft.): <u>70', 250'</u>				
Salt Water Depth (ft.): <u>1350'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>261'</u>				
Void(s) encountered (N/Y) Depth(s) <u>Y 261'</u>				

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 1,218* MCF/d Final open flow 257 Bbl/d
Time of open flow between initial and final tests 120 Hours
Static rock Pressure 3,743* psig (surface pressure) after 120 Hours *Calculated

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

RECEIVED
Office of Oil & Gas

DEC 20 2013

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

12-19-2013
Date

02/28/2014

Were core samples taken? Yes _____ No _____

Were cuttings caught during drilling? Yes _____ No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list _____

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 attachment

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		

See attachment

RECEIVED
Office of Oil & Gas

DEC 20 2013

WV Department of
Environmental Protection

02/28/2014

PERFORATION RECORD ATTACHMENT

Well Number and Name: 834339 Edward Zatta BRK 10H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated	Type	Fluid		Propping Agent		Average Injection
	From	To				Type	Amount	Type	Amount	
5/3/2012	10,120	10,691	5/23/2012	10,120	10,691	Sik wtr	7,466	Sand	668,260	78
5/23/2012	9,455	10,026	5/24/2012	9,455	10,026	Sik wtr	10,566	Sand	666,060	80
5/24/2012	8,790	9,361	5/24/2012	8,790	9,361	Sik wtr	10,948	Sand	666,060	80
5/24/2012	8,125	8,696	5/24/2012	8,125	8,696	Sik wtr	10,735	Sand	662,440	80
5/25/2012	7,460	8,031	5/29/2012	7,460	8,031	Sik wtr	10,497	Sand	663,620	80
5/29/2012	6,797	7,366	5/29/2012	6,797	7,366	Sik wtr	13,316	Sand	669,760	80
5/29/2012	6,130	6,701	5/30/2012	6,130	6,701	Sik wtr	10,140	Sand	666,400	80

RECEIVED
Office of Oil & Gas
DEC 20 2013
WV Department of
Environmental Protection
02/28/2014

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

RECEIVED
Office of Oil & Gas
DEC 20 2013
WV Department of
Environmental Protection
02/28/2014



JZ

Regulatory Department

December 19, 2013

VIA UPS NEXT DAY AIR

Mr. Gene Smith
West Virginia Department of Environmental Protection
Office of Oil & Gas
601 57th Street
Charleston, WV 25304

Re: WR-35 – Edward Zatta BRK 10H (API #9-00118)

Dear Mr. Smith:

Chesapeake Appalachia, L.L.C. submits the *Operator's Final Report of Well Work* in duplicate for the above captioned well(s) located in Brooke County.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate, and complete.

If you have any questions or require additional information please feel free to contact me at (405)935-4158 or marlene.williams@chk.com.

Sincerely,

Chesapeake Appalachia, L.L.C

Marlene Williams

Marlene Williams
Regulatory Analyst

RECEIVED
Office of Oil & Gas

DEC 20 2013

WV Department of
Environmental Protection

Enclosure(s)

cc: West Virginia Geological and Economic Survey