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

Farm name: Edward Zatta BRK 10H	Ope	rator Well No.: 8	34339	RECEIVED		
LOCATION: Elevation: 1220'		Qua	drangle: Tiltonsvil	le	NECEIVED	
District: Buffalo		Cou	nty: Brooke		AUG 2 7 2012	
Latitude: 2120'	Feet South of 40	Deg. 15	Min. 00	Sec.	WV GEOLOGICAL SURVEY	
Longitude 1300'	Feet West of 80	Deg. 37	Min. 30	Sec.	MORGANTOWN, WV	

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	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 Cable Rig				
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'				

Producing formation Marcellu	s	Pay zone	depth (ft) 6,130'-10,691'	
Gas: Initial open flow				
Final open flow Not Tested	MCF/d	Final open flow	Bbl/d	
Time of open flow betwee	n initial a	nd final tests	Hours	
Static rock Pressure	_psig (su	rface pressure) after	Hours	
Second producing formation		Pay zone de	pth (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 betwee	n initial a	nd final tests	Hours	
Tame of open men connection				

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.

Maller Villians
Signature

8-24-2012 Date

Were core samples taken? YesNo_N	Were cutt	ings caught during drillin	ng? Yes Y No
Were Electrical, Mechanical or Geophysical logs reco	orded on this well? If yes	s, please list	
NOTE: IN THE AREA BELOW PUT THE FRACTURING OR STIMULATING, PHYSICAL DETAILED GEOLOGICAL RECORD OF TH COAL ENCOUNTERED BY THE WELLBORE	L CHANGE, ETC. 2). ' E TOPS AND BOTT	THE WELL LOG WH OMS OF ALL FORM	ICH IS A SYSTEMATIC
Perforated Intervals, Fracturing, or Stimulating:			
(See Attached)			
	-		
Plug Back Details Including Plug Type and Depth(s):			
Formations Encountered: Surface:	Top Depth		Bottom Depth
(See Attached)			
(Goo / Macrica)			11 99 10 10 10 10 10
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PERFORATION RECORD ATTACHMENT

Well Number and Name: 834339 Edward Zatta BRK 10H

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