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:	11-16-2012
API#:	47-069-00066

TION: Elevation: 1330'	Quadrangle:	Quadrangle: Bethany WV			
District: Liberty	County: Ohio				
Latitude: 10110' Feet South of 40 Deg	g. 12 Mir	ı. <u>30</u> Se	c.		
Longitude 15140 Feet West of 80 De	g. 32 Mir	n. 30 Se	c.		
Company: Chesapeake Appalachia, L.L.C.					
Company: Chesapeake Apparachia, L.L.C. P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Oklahoma City, OK 73154-0496	20"	100'	100'	Driven	
Agent: Eric Gillespie	13 3/8"	590'	590'	718 Cu. Ft.	
Inspector: Bill Hendershot	9 5/8"	2051'	2051'	858 Cu. Ft.	
Date Permit Issued: 1-14-2011	5 1/2"	13525'	13525'	2711 Cu. Ft.	
Date Well Work Commenced: 4-16-2011					
Date Well Work Completed: 8-20-2012					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 6341'					
Total Measured Depth (ft): 13523'					
Fresh Water Depth (ft.): 100'					
Salt Water Depth (ft.): 1545'					
Is coal being mined in area (N/Y)?					
Coal Depths (ft.): 540'					
Void(s) encountered (N/Y) Depth(s) N		<u> </u>			
EN FLOW DATA (If more than two producing format Producing formation Marcellus Pa Gas: Initial open flow MCF/d Oil: Initial open flow Not Tested MCF/d Final open flow MCF/d Final open flow Not Tested MCF/d Final open flow Producing formation with two producing formations are producing formation.	y zone depth (ft) flowB owB	7,070-13,371 Bbl/d bl/d	lata on separate s	heet)	
Time of open flow between initial and final tests					
Static rock Pressurepsig (surface pressure)	afterHou	ırs			
Second producing formationPay	zone depth (ft)				
Gas: Initial open flowMCF/d Oil: Initial open	flowB	Bbl/d			
Final open flow MCF/d Final open fl					
Time of open flow between initial and final tests					

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.

Were core samples taken? YesNo_X	Were cutti	ings caught during dril	ling? Yes	No_X
Were Electrical, Mechanical or Geophysical logs recorded	l on this well? If yes	s, please list LWD GR	t from 4661' -	13472' MD
NOTE: IN THE AREA BELOW PUT THE FOUND FRACTURING OR STIMULATING, PHYSICAL CONTROL OF THE TRANSPORT OF THE TR	HANGE, ETC. 2). TOPS AND BOTT	THE WELL LOG W OMS OF ALL FO	HICH IS A SY	STEMATIC
Perforated Intervals, Fracturing, or Stimulating:				
(See attached)				
Plug Back Details Including Plug Type and Depth(s):		· · · · · · · · · · · · · · · · · · ·		
Formations Encountered: To Surface:	op Depth	/	Bottom D	<u>epth</u>
<u>SMINUTE</u>				
(See attached)				
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PERFORATION RECORD ATTACHMENT

Well Number and Name: 832769 Larry Ball 6H

PERFORATION RECORD		STIMULATION RECORD								
	Interval P	erforated				F	luid	Proppi	ing Agent	Average
Date	From	То	Date		Treated	Туре	Amount	Туре	Amount	Injection
7/9/2012	12,873	13,371	8/7/2012	12,873	13,371	Slk wtr	27,164	Sand	946,740	79
8/7/2012	12,228	12,784	8/8/2012	12,228		Slk wtr	19,096	Sand	953,160	79.9
8/8/2012	11,583	12,140	8/10/2012	11,583	12,140	Slk wtr	17,221	Sand	954,900	76.5
8/10/2012	10,939	11,495	8/10/2012	10,939	11,495	Slk wtr	17,099	Sand	945,400	79.9
8/11/2012	10,288	10,857	8/13/2012	10,288	10,857	Slk wtr	17,143	Sand	949,440	78.9
8/13/2012	9,649	10,197	8/14/2012	9,649	10,197	Slk wtr	17,443	Sand	953,440	79.8
8/14/2012	9,010	9,561	8/16/2012	9,010	9,561	Slk wtr	17,180	Sand	950,260	79.7
8/16/2012	8,360	8,922	8/17/2012	8,360	8,922	Slk wtr	17,126	Sand	955,240	79.6
8/17/2012	7,715	8,271	8/18/2012	7,715	8,271	Slk wtr	16,966	Sand	956,920	80
8/19/2012	7,070	7,626	8/20/2012	7,070	7,626	Slk wtr	16,962	Sand	955,880	79.9
		16.4					_			

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

Maximum TVD of wellbore: 6341 ft TVD @ 13523 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SS	0	0	540	540
PITTSBURG COAL	540	540	553	553
SS/LS	553	553	1210	1210
SS	1210	1210	1380	1380
SS/SH	1380	1380	1600	1600
BIG INJUN (SS)	1600	1600	1869	1869
SHALE	1869	1869	6450	6036
GENESEO (SH)	6450	6036	6476	6051
TULLY (LS)	6476	6051	6574	6102
HAMILTON (SH)	6574	6102	6887	6204
MARCELLUS (SH)	6887	6204		
TD OF LATERAL			13523	6341