WR-35 Rev (9-11)

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

DATE:	7-12-2013
API#:	47-051-01600

OCATION: Elevation: 1,260'	Quadrangle: Majorsville			RECEIVED	
District: Webster	County: Marshall			INLOLIVED	
Latitude: 3,510' Feet South of 39 Deg.				—— JUL 16 2013	
Longitude 7.130' Feet West of 80 Deg	. <u>32</u> Mir	1. <u>30</u> Sec).	WV GEOLOG	GICAL SURVE
Company: Chesapeake Appalachia, L.L.C.				MORGAN	NTOWN, WV
Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Oklahoma City, OK 73154-0496	20"	117'	117'	214 Cu. Ft.	
Agent: Eric Gillespie	13 3/8"	440'	440'	482 Cu. Ft.	
Inspector: Derek Haught	9 5/8"	2,268'	2,268'	1,040 Cu. Ft.	
Date Permit Issued: 11-28-2012	5 1/2"	14,823'	14,823'	3,604 Cu. Ft.	
Date Well Work Commenced: 2-27-2013					
Date Well Work Completed: 3-17-2013(Rig release date	e)				
Verbal Plugging:				_	
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 6,851'					
Total Measured Depth (ft): 14,825'					
Fresh Water Depth (ft.): 330'					
Salt Water Depth (ft.): 1,156'					
Is coal being mined in area (N/Y)? Y					
Coal Depths (ft.): 770'					
Void(s) encountered (N/Y) Depth(s) N					
OPEN FLOW DATA (If more than two producing formated Producing formation Marcellus Pay Gas: Initial open flow MCF/d Oil: Initial open Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow MCF/d Oil: Initial open Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow MCF/d Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow between initial and final tests Static rock Pressure psig (surface pressure) as Gas: Initial open flow Static Pressure psig (surface pressure) as Gas: Initial open flow Static Pressure psig (surface pressure) as Gas: Initial open flow Static Pressure psig (surface pressure	zone depth (ft) flowB	(not fraced*) Bbl/d bl/d s urs Bbl/d bl/d bl/d s		sheet) frac date 3-16	-2014

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.

Man line (Nelliamo 7-15-2013)
Signature Date

Camaraa (24) 6-4

PERFORATED INTERVALS, OG WHICH IS A SYSTEMATIC L FORMATIONS, INCLUDING TH.		
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WV GEOLOGICAL SURVE MORGANTOWN, WV		
74 TA.		
Bottom Depth		
35,11-4		
<u> </u>		

HORIZONTAL WELL (No pilot hole associated with this pad)								
Maximum TVD of	6851 ft TVD @							
wellbore:	14825 ft MD							
Formation/Lithology	Top Depth, MD	Top Depth, TVD	Bottom Depth,	Bottom Depth,				
	(ft)	(ft)	MD (ft)	TVD (ft)				
SS and SH	0	0	560	560				
LS and SH	560	560	667	667				
Pittsburgh Coal	666	666	678	678				
LS and SH	678	678	930	930				
SILTSTN and SH	930	930	1146	1146				
SS and SILTSTN	1146	1146	1862	1861				
Big Lime	1862	1861	1924	1928				
Big Injun	1924	1928	2138	2130				
SH and SILTSTN	2138	2130	4856	4838				
SH	4856	4838	6771	6638				
Geneseo	6771	6638	6795	6656				
Tully	6992	6665	7038	6694				
Hamilton	7038	6694	7307	6800				
Marcellus	7307	6800	7334	6808				
Purcell	7334	6808						
End of Well			14825	6851				

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