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: 2-1-2012 API #: 47-009-00092

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Jaha Huan						
n name: John Hupp	Operator We	ell No.: 1H	M	MAR 19 2012 WV GEOLOGICAL SUI		
CATION: Elevation: 1270'	Quadrangle:	Bethany, WV	WV GE			
District: Buffalo	County: Broo	oke	M	DRGAN TOWN, W		
Latitude: 7580' Feet South of 40 Deg	g. 12 Mi		ec.			
Longitude 11600' Feet West of 80 De	eg. <u>32</u> Min	n. 30 Se	ec.			
Company. Chesapeake Appalachia, L.L.C.						
Company: Chesapeake Apparachia, 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	20"	82'	82'	Driven		
Agent: Eric Gillespie	13 3/8"	547'	547'	628 cf		
Inspector: Bill Hendershot	9 5/8"	1977'	1977'	900 cf		
Date Permit Issued: 3/30/2011	5 1/2"	13260'	13260'	2655 cf		
Date Well Work Commenced: 4/9/2011						
Date Well Work Completed: 11/16/2011				<u> </u>		
Verbal Plugging:						
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 6,081'						
Total Measured Depth (ft): 13,260'						
Fresh Water Depth (ft.): 175'						
Salt Water Depth (ft.): 1271'						
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): 500'				·		
Void(s) encountered (N/Y) Depth(s) Y 470'	*** ,					
PEN FLOW DATA (If more than two producing format: Producing formation Marcellus Pay Gas: Initial open flow 0 MCF/d Oil: Initial open flo Final open flow MCF/d Final open flo Time of open flow between initial and final tests Static rock Pressure 3,953 psig (surface pressure) a	zone depth (ft) 7 flow Bl w Bb Hours	r,024'-13,106' bl/d l/d	ata on separate sh	ueet)		
Second producing formationPay zo	one depth (ft)					
Gas: Initial open flowMCF/d Oil: Initial open f	flowBt	ol/d				
Final open flow MCF/d Final open flow	wBb	l/d				
Time of open flow between initial and final tests	Hours					

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.

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Were core samples taken? Yes]	No N	Were cuttings caught	WV GEOLOGICAL SURVEY during dMDRQANTOWN, WV No	
Were Electrical, Mechanical or Geophysi open hole logs run from 0-6240' MD; LWD GR from 584	cal logs recorded on this v 7-13206' MD.	vell? If yes, please list	GR, neutron, density, and resist	ivity
NOTE: IN THE AREA BELOW FRACTURING OR STIMULATING, DETAILED GEOLOGICAL RECOI COAL ENCOUNTERED BY THE WI	PHYSICAL CHANGE, RD OF THE TOPS AN	ETC. 2). THE WEL ND BOTTOMS OF	L LOG WHICH IS A SYSTEMA ALL FORMATIONS, INCLUD	TIC
Perforated Intervals, Fracturing, or Stimu	lating:			
(See Attached)				
			·	
	# 170 - 20 - 24 - 24 - 24 - 24 - 24 - 24 - 2			
Plug Back Details Including Plug Type ar	nd Depth(s): Cement @	13,152.93		
Formations Encountered: Surface:	Top Depth	/	Bottom Depth	
	·····	···		
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Formation/Lithology	Top Depth (ft)	Bottom Depth (ft)			
LS/SHALE	0	500			
Pittsburg Coal	500	510			
LS/SHALE	510	750			
SHALE	750	1050			
SS/SHALE	1050	1150			
SS	1150	1400			
SHALE	1400	1515			
Big Lime	1515	1537			
Big Injun	1537	1807			
SHALE	1807	6304			
Geneseo	6304	6330			
Tully	6330	6354			
Hamilton	6354	6163			
Marcellus	6163	13260			

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WV GEOLOGICAL SURVEY MORGANTOWN, WV

PERFORATION RECORD ATTACHMENT

MAR **19** 2012

Well Name and Number: John Hupp 1H (833119)

WV GEOLOGICAL SURVEY MORGANTOWN, WV

PERFO	RATION RI	ECORD	STIMULATION RECORD							
	Interval F	Perforated				Fluid		Propping Agent		Averag
Date	From	To	Date	Interval	Treated	Туре	Amount	Type	Amount	Injection
11/9/2011	12,724	13,106	11/9/2011	12,724	13,106	Slk Wtr	9,166	Sand	572,800	83
11/9/2011	12,249	12,631	11/9/2011	12,249	12,631	Sik Wtr	10,327	Sand	573,340	75
11/9/2011	11,774	12,156	11/9/2011	11,774	12,156	Slk Wtr	9,108	Sand	572,140	84
11/10/2011	11,299	11,681	11/10/2011	11,299	11,681	Slk Wtr	12,518	Sand	570,100	79
11/10/2011	10,824	11,206	11/10/2011	10,824	11,206	Slk Wtr	9,654	Sand	573,500	85
11/10/2011	10,349	10,731	11/10/2011	10,349	10,731	Slk Wtr	9,693	Sand	568,940	85
11/13/2011	9,874	10,270	11/13/2011	9,874	10,270	Slk Wtr	7,005	Sand	327,580	75
11/15/2011	9,399	9,781	11/15/2011	9,399	9,781	Slk Wtr	11,074	Sand	574,300	79
11/15/2011	8,924	9,306	11/15/2011	8,924	9,306	Slk Wtr	9,455	Sand	569,260	85
11/15/2011	8,449	8,831	11/15/2011	8,449	8,831	Slk Wtr	9,445	Sand	569,500	85
11/16/2011	7,974	8,356	11/16/2011	7,974	8,356	Slk Wtr	9,457	Sand	583,840	86
11/16/2011	7,499	7,881	11/16/2011	7,499	7,881	Slk Wtr	9,166	Sand	582,020	85
11/16/2011	7,024	7,406	11/16/2011	7,024	7,406	Slk Wtr	9,467	Sand	597,260	88
										
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