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:	2-21-2012
API#:	47-069-00081

arm name: Gary Kestner 3H	Operator We	ll No.: 833341					
OCATION: Elevation: 1290'	Quadrangle:	Quadrangle: Bethany, WV					
District: Liberty	County: Ohio	· •					
	eg. 10 Min	10 Min. 00 Sec.					
Longitude 5620 Feet West of 80 I	Deg. 30 Mir	n. 00 Se	c.				
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	20"	100'	100'	Driven			
Agent: Eric Gillespie	13 3/8"	696'	696'	680 Cu. Ft.			
Inspector: Bill Hendershot	9 5/8"	2167'	2167'	1018 Cu. Ft.			
Date Permit Issued: 5/5/2011	5 1/2"	12495'	12495'	11135 Cu. Ft.			
Date Well Work Commenced: 6/7/2011							
Date Well Work Completed: 2/6/2012							
Verbal Plugging:							
Date Permission granted on:							
Rotary Cable Rig							
Total Vertical Depth (ft): 6,423'							
Total Measured Depth (ft): 12,495'							
Fresh Water Depth (ft.): 30'							
Salt Water Depth (ft.): 1035'							
Is coal being mined in area (N/Y)? N							
Coal Depths (ft.): 658'							
Void(s) encountered (N/Y) Depth(s) N							
OPEN FLOW DATA (If more than two producing form Producing formation Marcellus	nations please incl Pay zone depth (ft)		data on separate s	sheet)			
Gas: Initial open flow 0 MCF/d Oil: Initial op		3bl/d					
Final open flow 1,121 MCF/d Final open Time of open flow between initial and final tests		bl/d		** - 4			
Static rock Pressure 4.148 psig (surface pressure							
Second producing formation Page Page Page Page Page Page Page Page	y zone depth (ft)_ en flow F	Bbl/d	<b>.</b>	MT 8 I 5015			
Final open flow MCF/d Final open	flow B	bl/d					
Time of open flow between initial and final tests			7 - 17 <b>*</b> # # #				
Static rock Pressurepsig (surface pressure	e) afterHor	urs		. t . s			

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.

Marche Williams
Signature

<u>7-30-3013</u> Date

08/17/2012

were core samples taken? YesP	νο were cuttings caug	nt during drilling? Yes." No
Were Electrical, Mechanical or Geophysic	cal logs recorded on this well? If yes, please l	ist induction, GR, density, neutron
FRACTURING OR STIMULATING, DETAILED GEOLOGICAL RECOR	PUT THE FOLLOWING: 1). DETAIL PHYSICAL CHANGE, ETC. 2). THE WERD OF THE TOPS AND BOTTOMS OF THE FROM SURFACE TO TOTAL	LL LOG WHICH IS A SYSTEMATIC F ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturing, or Stimu	ating:	
(See Attached)		
Plug Back Details Including Plug Type ar	nd Depth(s):	
Formations Encountered:	Top Depth /	Bottom Depth
Surface:		
(See Attached)		
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## PERFORATION RECORD ATTACHMENT

Well Name and Number: Gary Kestner 3H (833341)

PERFO	RATION R	ECORD	STIMULATION RECORD							
	Interval F	erforated	Fluid			luid	Propping Agent		Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
2/5/2012	11,968	12,350	2/5/2012	11,968	12,350	Slk Wtr	13,654	Sand	731,678	85.0
2/7/2012	11,493	11,875	2/7/2012	11,493	11,875	Slk Wtr	13,688	Sand	710,954	86.0
2/7/2012	11,018	11,400	2/7/2012	11,018	11,400	Sik Wtr	13,645	Sand	715,941	86.0
2/8/2012	10,543	10,925	2/8/2012	10,543	10,925	Slk Wtr	13,682	Sand	712,450	85.0
2/8/2012	10,068	10,450	2/8/2012	10,068	10,450	Slk Wtr	13,696	Sand	680,000	87.0
2/9/2012	9,593	9,975	2/9/2012	9,593	9,975	Slk Wtr	13,860	Sand	701,200	85.0
2/9/2012	9,118	9,500	2/9/2012	9,118	9,500	Slk Wtr	14,468	Sand	708,700	87.0
2/10/2012	8,643	9,025	2/10/2012	8,643	9,025	Slk Wtr	13,723	Sand	710,000	85.0
2/10/2012	8,168	8,545	2/10/2012	8,168	8,545	Sik Wtr	13,993	Sand	712,400	86.0
2/11/2012	7,693	8,075	2/11/2012	7,693	8,075	Slk Wtr	13,593	Sand	710,700	85.0
2/13/2012	7,218	7,600	2/13/2012	7,218	7,600	Slk Wtr	14,063	Sand	721,500	85.0
2/13/2012	6,743	7,125	2/13/2012	6,743	7,125	Slk Wtr	13,670	Sand	689,900	84.0
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Maximum TVD of wellbore:	6438.47 ft TVD @ 6738 ft MD						
Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD			
LS / SHALE	0	0	250	250			
SS/SHALE	250	250	500	500			
LS / SHALE	500	500	658	658			
PITTSBURGH COAL	658	658	670	670			
SS	670	670	1723	1723			
BIG INJUN	1723	1723	1987	1987			
SHALE	1987	1987	3350	3350			
SHALE / SS	3350	3350	3380	3380			
SHALE	3380	3380	6267	6246			
GENESEO	6267	6246	6290	6265			
TULLY	6290	6265	6340	6303			
HAMILTON	6340	6303	6605	6423			
MARCELLUS	6605	6423					
END OF WELL			12494	6383			

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