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:	8-8-2012	
API#:	47-069-00065	

Farm name: George Gantzer 6H	_ Operator We	Operator Well No.: 832740				
LOCATION: Elevation: 1260'	Quadrangle:	Valley Grove				
District: Tridelphia	County: Ohio	ı				
Latitude: 4740' Feet South of 40 Deg		n. <u>00</u> Sec				
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'	208 Cu. F		
Agent: Eric Gillespie	13 3/8"	640'	640'	685 Cu. F		
Inspector: Bill Hendershot	9 5/8"	2116'	2116'	926 Cu. F		
Date Permit Issued: 2-18-2011	5 1/2"	12758'	12758'	2672 Cu. F		
Date Well Work Commenced: 3-18-2012						
Date Well Work Completed: 4-30-2012						
Verbal Plugging:						
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 6496'						
Total Measured Depth (ft): 12758'						
Fresh Water Depth (ft.): 30'						
Salt Water Depth (ft.): 1135'						
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): 575'			:			
Void(s) encountered (N/Y) Depth(s) Y 575'						
OPEN FLOW DATA (If more than two producing forma	y zone depth (ft) flowB	6,900' - 12,601' bl/d	ata on separate s	heet)		

P	EN FLOW DATA (If more the	nan two p	roducing formation	s please include	additional	data on separa	te sheet]
	Producing formation Marcellus	5	Pay zo	ne depth (ft) 6,900	0' - 12,601'		
	Gas: Initial open flow	_MCF/d (	Oil: Initial open flo	wBbl/	d		
	Final open flow Not Tested	MCF/d	Final open flow	Bbl/c	l		
	Time of open flow between	n initial a	nd final tests	Hours			
	Static rock Pressure	_psig (su	rface pressure) afte	rHours			
. 1	Second producing formation_		Pay zone	depth (ft)			
(	Gas: Initial open flow	_MCF/d (	Dil: Initial open flow	wBbl/	d		
	Final open flow	MCF/d	Final open flow	Bbl/c	l		
	Time of open flow between	n initial a	nd final tests	Hours			
í	Static rock Pressure	_psig (su	rface pressure) afte	rHours			

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.

Malla Will ams Signature

9-4-9012 Date

Were core samples taken? YesNo_N Were cuttings caught during drilling? Yes_YN	lo
Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list	
NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERPRETARING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTED DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCOME ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.	<b>EMATIC</b>
Perforated Intervals, Fracturing, or Stimulating:	
(See Attached)	
Disc Deals Details In the Property of Dead (1)	
Plug Back Details Including Plug Type and Depth(s):	
Formations Encountered: Top Depth / Bottom Depth Surface:	Ī
(See Attached)	

## PERFORATION RECORD ATTACHMENT

Well Number and Name: 832740 George Gantzer 6H

PERFORATION RECORD		STIMULATION RECORD								
	Interval F	erforated		Fluid		Propping Agent		Average		
Date	From	То	Date	Interval	Treated	Type	Amount	Туре	Amount	Injection
4/16/2012	12,038	12,601	4/26/2012	12,038	12,601	Slk wtr	10,779	Sand	640,820	86
4/26/2012	11,396	11,959	4/26/2012	11,396	11,959	Slk wtr	10,666	Sand	640,680	85
4/26/2012	10,753	11,317	4/27/2012	10,753	11,317	Slk wtr	10,862	Sand	641,560	86
4/27/2012	10,111	10,674	4/27/2012	10,111	10,674	Slk wtr	10,792	Sand	641,040	85
4/27/2012	9,472	10,032	4/27/2012	9,472	10,032	Slk wtr	10,834	Sand	640,060	85
4/27/2012	8,827	9,390	4/28/2012	8,827	9,390	Slk wtr	10,392	Sand	640,860	84
4/29/2012	8,184	8,748	4/29/2012	8,184	8,748	Sik wtr	10,408	Sand	641,480	85
4/29/2012	7,542	8,105	4/30/2012	7,542	8,105	Slk wtr	10,469	Sand	641,420	85
4/30/2012	6,900	7,463	4/30/2012	6,900	7,463	Slk wtr	10,514	Sand	640,380	84
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## LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 6496 ft TVD @ 12758 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SS	0	0	575	575
PITTSBURG COAL	575	575	585	585
LS/SHALE	585	585	700	700
SS	700	700	1200	1200
SHALE	1200	1200	1290	1290
SS	1290	1290	1750	1750
BIG LIME (LS)	1750	1750	1800	1800
BIG INJUN (SS)	1800	1800	2011	2011
SHALE	2011	2011	6348	6196
GENESEO (SH)	6348	6196	6374	6218
TULLY (LS)	6374	6218	6421	6253
HAMILTON (SH)	6421	6253	6610	6360
MARCELLUS (SH)	6610	6360		
TD OF LATERAL			12758	6496