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#:	47-069-00062

Farm name: George Gantzer 10H		Operator Well No.: 832660						
LOCA	LOCATION: Elevation: 1260'		Quadrangle: Valley Grove					
	District: Tridelphia	_ County: Ohio)					
	Latitude: 4760' Feet South of 40 Deg Longitude 13930' Feet West of 80 Deg		n. 00 Se					
	Longitude 13930' Feet West of 80 Deg	5. 35 MIII	n. <u>00</u> 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'	354 Cu. Ft.			
	Agent: Eric Gillespie	13 3/8"	647'	647'	679 Cu. Ft.			
	Inspector: Bill Hendershot	9 5/8"	2120'	2120'	926 Cu. Ft.			
	Date Permit Issued: 10-26-2010	5 1/2"	11991'	11991'	2616 Cu. Ft			
	Date Well Work Commenced: 2-24-2012							
-	Date Well Work Completed: 5-9-2012							
	Verbal Plugging:							
	Date Permission granted on:							
	Rotary Cable Rig							
	Total Vertical Depth (ft): 6501'							
	Total Measured Depth (ft): 11991'							
	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 580'							
	EN FLOW DATA (If more than two producing formation Marcellus Pay	zone depth (ft)	6,650' - 11,876'	ata on separate s	heet)			
(Gas: Initial open flow MCF/d Oil: Initial open flow Not Tested MCF/d Final open flow							
	Time of open flow between initial and final tests							
S	static rock Pressurepsig (surface pressure) a							
	econd producing formation Pay zo	one denth (ft)						
	Gas: Initial open flowMCF/d Oil: Initial open flow							
	Final open flow MCF/d Final open flow	wBt	ol/d					
6	Time of open flow between initial and final tests							
3	name rock riessurepsig (surface pressure) a	TIELHOU	11.2					

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.

Marlene Williams
Signature

9-4-3013 Date

Were core samples taken? YesNo_N	Were cuttings caught during drilling? Yes Y No
Were Electrical, Mechanical or Geophysical log LWD GR from 5958-11991' MD.	gs recorded on this well? If yes, please list
FRACTURING OR STIMULATING, PHYDETAILED GEOLOGICAL RECORD O	THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, SICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING FORE FROM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
(See Attached)	
Plug Back Details Including Plug Type and Dep	oth(s):
Formations Encountered: Surface:	Top Depth / Bottom Depth
(See Attached)	
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PERFORATION RECORD ATTACHMENT

Well Number and Name: 832660 George Gantzer 10H

PERFORATION RECORD		STIMULATION RECORD								
	Interval F	erforated		Fluid Propping Agent		Fluid		ing Agent	Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
4/15/2012	11,515	11,876	5/7/2012	11,515	11,876	Slk wtr	10,167	Sand	507,295	71
5/7/2012	10,640	11,211	5/7/2012	10,640	11,211	Slk wtr	10,848	Sand	598,465	79
5/7/2012	9,975	10,551	5/7/2012	9,975	10,551	Slk wtr	9,922	Sand	599,100	86
5/7/2012	9,310	9,881	5/8/2012	9,310	9,881	Slk wtr	8,611	Sand	598,620	83
5/8/2012	8,645	9,216	5/8/2012	8,645	9,216	Slk wtr	11,081	Sand	599,620	81
5/8/2012	7,980	8,551	5/8/2012	7,980	8,551	Slk wtr	11,837	Sand	598,900	84
5/8/2012	7,315	7,886	5/9/2012	7,315	7,886	Slk wtr	8,250	Sand	598,580	82
5/9/2012	6,650	7,221	5/9/2012	6,650	7,221	Slk wtr	10,179	Sand	585,660	83
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LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 6501 ft TVD @ 11434 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	6384	6216
GENESEO (SH)	6384	6216	6414	6239
TULLY (LS)	6414	6239	6463	6274
HAMILTON (SH)	6463	6274	6651	6377
MARCELLUS (SH)	6651	6377		
TD OF LATERAL			6493	11991