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 #:	47-069-00101

Farm name: George Gantzer OHI 3H	Operator Well No.: 834153				
LOCATION: Elevation: 1260'	_ Quadrangle:	Quadrangle: Valley Grove			
District: Tridelphia	_ County: Ohio	)			
Latitude: 4760' Feet South of 40 Deg	. 05 Mi	n. <u>00</u> Se		<del></del>	
Longitude 13950' Feet West of 80 Deg	g. <u>35</u> Mir	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'	353 Cu. Ft.	
Agent: Eric Gillespie	13 3/8"	652'	652'	684 Cu. Ft.	
Inspector: Bill Hendershot	9 5/8"	2135'	2135'	926 Cu. Ft.	
Date Permit Issued: 11-15-2011	5 1/2"	12587'	12587'	2655 Cu. Ft.	
Date Well Work Commenced: 2-1-2012					
Date Well Work Completed: 5-1-2012					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 6396'					
Total Measured Depth (ft): 12587'					
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'					
OPEN FLOW DATA (If more than two producing format Producing formation Marcellus Pay Gas: Initial open flow MCF/d Oil: Initial open Final open flow Not Tested MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) a  Second producing formation Pay zo Gas: Initial open flow MCF/d Oil: Initial open	flowB  WB  Hour  flor Hour  one depth (ft)  flowB	6,900'-12,451' Bbl/d bbl/d s surs	ata on separate s	heet)	
Final open flow MCF/d Final open flo  Time of open flow between initial and final tests					
Static rock Pressurepsig (surface pressure) a					

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.

Marley Welliand

9-4-2012 Date

Were core samples taken?	Yes	_No_N	Were	e cuttings caught during drilling	ng? Yes_Y	No
Were Electrical, Mechanica	l or Geophy	sical logs reco	rded on this well?	If yes, please list		
FRACTURING OR STIN	MULATING CAL REC	G, PHYSICAL ORD OF TH	L CHANGE, ETC. E TOPS AND B	1). DETAILS OF PERF. 2). THE WELL LOG WHOTTOMS OF ALL FORE TO TOTAL DEPTH.	ICH IS A SYS	TEMATIC
Perforated Intervals, Fractur	ring, or Stin	nulating:				
(See Attached)						
Plug Back Details Including	Plug Type	and Depth(s):				
					<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	
Formations Encountered: Surface:			Top Depth	1	Bottom Dep	<u>oth</u>
(See Attached)						
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## PERFORATION RECORD ATTACHMENT

Well Number and Name: 834153 George Gantzer OHI 3H

PERFO	PRATION RE	CORD	STIMULATION RECORD							
	Interval F	erforated		Fluid Propping Agent		Fluid		ing Agent	Average	
Date	From	То	Date	Interval	Treated	Type	Amount	Туре	Amount	Injection
4/15/2012		12,451	4/26/2012	11,926	12,451	Slk wtr	10,302	Sand	628,600	83
4/26/2012	11,298	11,824	4/28/2012	11,298	11,824	Slk wtr	11,331	Sand	629,740	83
4/28/2012	10,670	11,195	4/28/2012	10,670	11,195	Slk wtr	10,582	Sand	630,720	79
4/28/2012	10,045	10,566	4/29/2012	10,045	10,566	Slk wtr	10,480	Sand	630,300	84
4/29/2012	9,413	9,938	4/29/2012	9,413	9,938	Slk wtr	10,144	Sand	631,460	85
4/29/2012	8,785	9,310	4/30/2012	8,785	9,310	Slk wtr	10,070	Sand	630,360	85
4/30/2012	8,153	8,686	4/30/2012	8,153	8,686	Slk wtr	9,928	Sand	630,800	83
4/30/2012	7,530	8,053	5/1/2012	7,530	8,053	Slk wtr	10,168	Sand	631,920	85
5/1/2012	6,900	7,425	5/1/2012	6,900	7,425	Slk wtr	9,976	Sand	634,080	85
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## LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 6396 ft TVD @ 6784 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	6234	6204
GENESEO (SH)	6234	6204	6266	6227
TULLY (LS)	6266	6227	6313	6259
HAMILTON (SH)	6313	6259	6501	6357
MARCELLUS (SH)	6501	6357		
TD OF LATERAL			12587	6323