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:	1-31-2012
API#:	47-069-00061

arm n	ame: George Gantzer	Operator We		MAR 1 9 2012 WV GEOLOGICAL S		
.OCA	TION: Elevation: 1260'	Quadrangle:				
	District: Tridelphia	County: Ohio	W			
	Latitude: 4750' Feet South of 40 Deg.	05 Mi	n. 00 Se	c.	MORGANTOWN	
	Longitude 13790' Feet West of 80 Deg.	35 Mi	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.	
1	Oklahoma City, OK 73154-0496	20"	100'	100'	Driven	
	Agent: Eric Gillespie	13 3/8"	686'	686'	701 cf	
	Inspector: Bill Hendershot	9 5/8"	2000'	2000'	908 cf	
	Date Permit Issued: 8/18/2010	5 1/2"	12675'	12675'	2473 cf	
	Date Well Work Commenced: 1/16/2011					
	Date Well Work Completed: 6/5/2011					
	Verbal Plugging:					
-	Date Permission granted on:					
	Rotary Cable Rig					
	Total Vertical Depth (ft): 6,509'					
	Total Measured Depth (ft): 12,677'					
	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'					
P G	N FLOW DATA (If more than two producing formation roducing formation Marcellus Pay z as: Initial open flow 3,439 MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests atic rock Pressure 4,231 psig (surface pressure) after the producing formation of the pr	one depth (ft) ow 190 B But Hours	6,528'-12,538' bl/d bl/d	ata on separate si	neet)	
Se	cond producing formation Pay zon	e depth (ft)				
G	as: Initial open flow MCF/d Oil: Initial open flo		bl/d			
	Final open flow MCF/d Final open flow Time of open flow between initial and final tests					
_	atic rock Pressure psig (surface pressure) aft					

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.

Marlew Williams Signature

3-14-2012 Date

Were Electrical Mechanical or Goodhyrical loss or		-	ing drilling? Yes Y No			
Were Electrical, Mechanical or Geophysical logs re open hole logs run from 0-6482' MD; LWD GR from 5552-12620' MD.	corded on this well?	If yes, please list				
NOTE. IN THE ADEA DELOW DUE TO	IE FOLLOWING	4)				
NOTE: IN THE AREA BELOW PUT TH FRACTURING OR STIMULATING, PHYSIC DETAILED GEOLOGICAL RECORD OF T COAL ENCOUNTERED BY THE WELLBOR	AT CHANCE ETC	ON THE WART I	OC WITTOUT TO A OVORDER			
Perforated Intervals, Fracturing, or Stimulating:	E FROM SURFACE	TO TOTAL DEPI	MAR 19 2012			
			WV GEOLOGICAL SU			
(See Attached)			MORGANTOWN, W			
partition of the state of the s	***************************************					
Phug Back Details Including Phug Time and Donth (c	· · · · · · · · · · · · · · · · · · ·					
Plug Back Details Including Plug Type and Depth(s	^{):} Cement @ 12	,558.21'				
Formations Encountered: Surface:	Top Depth	/	Bottom Depth			
See Attached)						
oce / ktached)						
		2001 301 3				
	**	•				

Formation/Lithology	Top Depth (ft)	Bottom Depth (ft)
LS/SS	0	575
Pittsburg Coal	575	585
LS/SHALE	585	700
SS	700	1200
SHALE	1200	1290
SS	1290	1750
Big Lime	1750	1800
Big Injun	1800	2011
SHALE	2011	6251
Geneseo	6251	6266
Tully	6266	6142
Hamilton	6142	6519
Marcellus	6519	12677

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MAR **19** 2012

WV GEOLOGICAL SURVEY MORGANTOWN, WV

RECEIVED

PERFORATION RECORD ATTACHMENT

MAR 19 2012

Well Name and Number: George Gantzer 8H (832294)

WV GEOLOGICAL SURVEY MORGANTOWN, WV

PERFORATION RECORD			STIMULATION RECORD							
	Interval F	Perforated			Fluid		Propping Agent		Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
5/26/2011	12,216	12,538	5/26/2011	12,216	12,538	Sik Wtr	10,848	Sand	480,000	80.0
5/26/2011	11,816	12,138	5/26/2011	11,816	12,138	Slk Wtr	10,558	Sand	480,600	83.0
5/27/2011	11,416	11,738	5/27/2011	11,416	11,738	Slk Wtr	10,732	Sand	478,500	85.0
5/28/2011	10,997	11,338	5/28/2011	10,997	11,338	Slk Wtr	15,732	Sand	478,900	79.0
5/29/2011	10,603	10,938	5/29/2011	10,603	10,938	Slk Wtr	13,511	Sand	476,500	79.0
5/29/2011	10,200	10,538	5/29/2011	10,200	10,538	Slk Wtr	18,019	Sand	250,500	62.0
6/2/2011	9,728	10,050	6/2/2011	9,728	10,050	Slk Wtr	9,812	Sand	479,100	81.0
6/3/2011	9,328	9,648	6/3/2011	9,328	9,648	Slk Wtr	10,384	Sand	489,000	81.0
6/3/2011	8,935	9,250	6/3/2011	8,935	9,250	Slk Wtr	10,491	Sand	480,000	86.0
6/3/2011	8,528	8,850	6/3/2011	8,528	8,850	Slk Wtr	10,399	Sand	480,000	85.0
6/4/2011	8,128	8,450	6/4/2011	8,128	8,450	Slk Wtr	10,407	Sand	484,000	86.0
6/4/2011	7,728	8,050	6/4/2011	7,728	8,050	Slk Wtr	10,205	Sand	484,000	87.0
6/4/2011	7,328	7,650	6/4/2011	7,328	7,650	Slk Wtr	10,290	Sand	474,000	84.0
6/5/2011	6,928	7,250	6/5/2011	6,928	7,250	Slk Wtr	11,026	Sand	472,500	85.0
6/5/2011	6,528	6,850	6/5/2011	6,528	6,850	Slk Wtr	11,338	Sand	494,640	87.0
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