WR-35
Rev (9-11)

REVISED
State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 11-19-2012
API #: 47-069-00062

Farm name: George Gantzer 10H Operator Well No.: 832660

LOCATION: Elevation: 1260' Quadrangle: Valley Grove

District: Tridelphia County: Ohio
Latitude: 4760' Feet South of 40 Deg. 05 Min. 00 Sec.
Longitude 13930' Feet West of 80 Deg. 35 Min. 00 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'	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'				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)
Producing formation Marcellus Pay zone depth (ft) 6,650' - 11,876'
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 1380* MCF/d Final open flow 83 Bbl/d
Time of open flow between initial and final tests 96 Hours *Calculated
Static rock Pressure 4220* psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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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

11-19-2012
Date

11/30/2012

Were core samples taken? Yes_____ No N_____ Were cuttings caught during drilling? Yes Y_____ No_____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list LWD GR from 5958-11991' MD.

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

(See Attached)

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Top Depth / Bottom Depth
Surface:

(See Attached)

11/30/2012

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

11/30/2012

PERFORATION RECORD ATTACHMENT

Well Number and Name: 832660 George Gantzer 10H

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated					*Fluid*		*Propping Agent*		Average
Date	From	To	Date	Interval Treated		Type	Amount	Type	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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