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: 8-15-2012
API #: 47-051-01457

Farm name: Fork Ridge MSH 10H Operator Well No.: 833096

LOCATION: Elevation: 1,391' Quadrangle: Glen Easton

District: Cameron County: Marshall
Latitude: 3797' Feet South of 39 Deg. 52 Min. 30 Sec.
Longitude 5769' Feet West of 80 Deg. 37 Min. 30 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"	90'	90'	Driven
Agent: Eric Gillespie	13 3/8"	1012'	1012'	1094 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2579'	2579'	1324 Cu. Ft.
Date Permit Issued: 5-20-2011	5 1/2"	12862'	12862'	3039 Cu. Ft.
Date Well Work Commenced: 8-8-2011				
Date Well Work Completed: 4-13-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 6870'				
Total Measured Depth (ft): 12862'				
Fresh Water Depth (ft.): 120'				
Salt Water Depth (ft.): 1660'				
Is coal being mined in area (N/Y)? Y				
Coal Depths (ft.): 960'				
Void(s) encountered (N/Y) Depth(s) N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)
Producing formation Marcellus Pay zone depth (ft) 7,625' - 12,727'
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 3,225* MCF/d Final open flow 56 Bbl/d
Time of open flow between initial and final tests 57 Hours *Calculated
Static rock Pressure 4,466* 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

8-15-2012
Date

01/11/2013

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

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list LWD gamma ray from 6250' MD to TD.

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)

PERFORATION RECORD ATTACHMENT

Well Number and Name: 833096 Fork Ridge MSH 10H

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated					Fluid		Propping Agent		Average
Date	From	To	Date	Interval Treated		Type	Amount	Type	Amount	Injection
3/13/2012	12,171	12,727	4/2/2012	12,171	12,727	Slk wtr	13,576	Sand	599,600	82
4/3/2012	11,523	12,078	4/3/2012	11,523	12,078	Slk wtr	12,289	Sand	664,970	84
4/3/2012	10,874	11,430	4/3/2012	10,874	11,430	Slk wtr	13,284	Sand	664,840	83
4/4/2012	10,225	10,781	4/4/2012	10,225	10,781	Slk wtr	11,030	Sand	664,980	83
4/4/2012	9,576	10,129	4/4/2012	9,576	10,129	Slk wtr	12,045	Sand	664,780	85
4/4/2012	8,928	9,483	4/5/2012	8,928	9,483	Slk wtr	11,232	Sand	665,440	84
4/5/2012	8,279	8,834	4/12/2012	8,279	8,834	Slk wtr	12,075	Sand	664,560	85
4/12/2012	7,625	8,185	4/13/2012	7,625	8,185	Slk wtr	12,289	Sand	659,620	84

LATERAL WELLBORE (no vertical pilot hole associated with this well)				
Maximum TVD of wellbore:	6870 ft TVD @ 12862 ft MD			
Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS and LS	0	0	170	170
SS and minor LS	170	170	280	280
SH and minor SS	280	280	310	310
SS and LS	310	310	420	420
SS and minor LS	420	420	490	490
SH and SS	490	490	610	610
SS	610	610	730	730
SS and minor LS	730	730	790	790
SS and LS	790	790	840	840
LS and minor SS	840	840	880	880
LS	880	880	960	960
Pittsburgh Coal	960	960	1000	1000
SS	1000	1000	1036	1036
SS and minor LS	1036	1036	1060	1060
SS and minor SILTSTN	1060	1060	1150	1150
SS	1150	1150	1860	1860
SS and minor LS	1860	1860	1880	1880
SS	1880	1880	2020	2020
SS and LS	2020	2020	2050	2050
SS	2050	2050	2430	2430
SH	2430	2430	6921	6550
Middlesex	6921	6550	7053	6637
Geneseo	7053	6637	7090	6656
LS and SH	7090	6656	7105	6666
Tully	7105	6666	7180	6700
SH	7180	6700	7463	6802
Marcellus	7463	6802		
End of Well			12862	6870