REVISED

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: 5-30-2013
API #: 47-103-02715

Farm name: Margaret Sue Kelley WTZ 14H Operator Well No.: 835456

LOCATION: Elevation: 1436' Quadrangle: Wileyville 7 1/2

District: Proctor County: Wetzel
Latitude: 8902' Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 7274' Feet West of 80 Deg. 40 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"	120'	120'	126 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	1355'	1355'	1442 Cu. Ft.
Inspector: Derek Haught	9 5/8"	2810'	2810'	1184 Cu. Ft.
Date Permit Issued: 1-10-2012	5 1/2"	12206'	12206'	1302 Cu. Ft.
Date Well Work Commenced: 8-19-2012				
Date Well Work Completed: 3-5-2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 7248'				
Total Measured Depth (ft): 12211'				
Fresh Water Depth (ft.): 308'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1226'-1234', 1778'-1787'				
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) 7,850-12,070
Gas: Initial open flow 2,526* MCF/d Oil: Initial open flow 13 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 4,664* psig (surface pressure) after 48 Hours *Calculated

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

5-31-2013
Date

Were core samples taken? Yes_____ No X Were cuttings caught during drilling? Yes_____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list LWD GR from 6734'-12143' 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

PERFORATION RECORD ATTACHMENT

Well Number and Name: 835456 Margaret Sue Kelley WTZ 14H

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated					*Fluid*		*Propping Agent*		Average
Date	From	To	Date	Interval Treated		Type	Amount	Type	Amount	Injection
11/6/2012	11,670	12,070	3/2/2013	11,670	12,070	Slk wtr	7,768	Sand	660,980	78.7
3/2/2013	11,193	11,592	3/2/2013	11,193	11,592	Slk wtr	10,520	Sand	660,700	79.9
3/2/2013	10,715	11,114	3/2/2013	10,715	11,114	Slk wtr	10,899	Sand	661,540	78
3/2/2013	10,238	10,637	3/3/2013	10,238	10,637	Slk wtr	10,752	Sand	661,100	79.9
3/2/2013	9,760	10,156	3/3/2013	9,760	10,156	Slk wtr	10,765	Sand	658,880	80
3/3/2013	9,283	9,682	3/4/2013	9,283	9,682	Slk wtr	11,567	Sand	660,480	68
3/3/2013	8,805	9,204	3/5/2013	8,805	9,204	Slk wtr	10,422	Sand	658,200	79.7
3/4/2013	8,328	8,727	3/5/2013	8,328	8,727	Slk wtr	13,809	Sand	660,040	77
3/5/2013	7,850	8,249	3/5/2013	7,850	8,249	Slk wtr	10,662	Sand	659,440	80

LATERAL WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 7248 ft TVD @ 12211 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/LS	0	0	510	510
SS/SH	510	510	750	750
SS/LS/SH	750	750	810	810
SS/LS	810	810	840	840
LS	840	840	900	900
SS/LS	900	900	990	990
LS	990	990	1110	1110
LS/SH	1110	1110	1234	1234
COAL	1234	1234	1244	1244
LS/SH/SS	1244	1244	1348	1348
LS/SS	1348	1348	1410	1410
LS/SH/SS	1410	1410	1500	1500
LS/SS	1500	1500	1620	1620
SS	1620	1620	2070	2070
SS/SH	2070	2070	2400	2400
LS/SS	2400	2400	2490	2490
BIG INJUN (SS)	2490	2490	2640	2640
SHALE	2640	2640	7442	7035
GENESEO (SH)	7442	7035	7461	7047
TULLY (LS)	7461	7047	7511	7073
HAMILTON (SH)	7511	7073	7744	7153
MARCELLUS (SH)	7744	7153		
TD OF LATERAL			12211	7248