

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:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	120'	120'	126 Cu. Ft.
Agent: <u>Eric Gillespie</u>	13 3/8"	1355'	1355'	1442 Cu. Ft.
Inspector: <u>Derek Haught</u>	9 5/8"	2810'	2810'	1184 Cu. Ft.
Date Permit Issued: <u>1-10-2012</u>	5 1/2"	12206'	12206'	1302 Cu. Ft.
Date Well Work Commenced: <u>8-19-2012</u>				
Date Well Work Completed: <u>3-5-2013</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7248'</u>				
Total Measured Depth (ft): <u>12211'</u>				
Fresh Water Depth (ft.): <u>308'</u>				
Salt Water Depth (ft.): <u>None</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>1226'-1234', 1778'-1787'</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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.

Office of Oil and Gas  
WV Dept. of Environmental Protection

Marlene Williams  
Signature

5-31-2013  
Date

08/02/2013

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Were core samples taken? Yes \_\_\_\_\_ No

Were cuttings caught during drilling? Yes \_\_\_\_\_ No

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: Surface:	Top Depth	/	Bottom Depth
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See attached

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**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

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