

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: 5-31-2013
API #: 47-103-02407 - D

Farm name: Margaret Kelley WTZ 8H Operator Well No.: 627039

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

District: Proctor County: Wetzel
Latitude: 8895' Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 7230' 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	13 3/8"	1312'	1312'	1510 Cu. Ft.
Agent: Eric Gillespie	9 5/8"	2810'	2810'	1212 Cu. Ft.
Inspector: Bill Hendershot	5 1/2"	12449'	12449'	2807 Cu. Ft.
Date Permit Issued: 1-11-2012				
Date Well Work Commenced: 7-29-2012				
Date Well Work Completed: 2-27-2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7261'				
Total Measured Depth (ft): 12449'				
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) 7,380-12,304
Gas: Initial open flow 2,539* MCF/d Oil: Initial open flow 72 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 4,720* 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

08/02/2013

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 MWD GR in the lateral.

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):

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
<u>Surface:</u>			

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PERFORATION RECORD ATTACHMENT

Well Number and Name: 627039 Margaret Kelley Wtz 8H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated		Fluid		Propping Agent		Average Injection
	From	To		Type	Amount	Type	Amount			
10/28/2012	11,885	12,304	2/20/2013	11,885	12,304	Slk wtr	10,829	Sand	660,400	79
2/21/2013	11,389	11,799	2/21/2013	11,389	11,799	Slk wtr	7,274	Sand	330,398	77
2/24/2013	10,884	11,303	2/25/2013	10,884	11,303	Slk wtr	11,012	Sand	658,160	78
2/25/2013	10,383	10,802	2/25/2013	10,383	10,802	Slk wtr	10,531	Sand	656,040	78
2/25/2013	9,883	10,302	2/25/2013	9,883	10,302	Slk wtr	10,784	Sand	654,300	78
2/25/2013	9,382	9,802	2/26/2013	9,382	9,802	Slk wtr	10,724	Sand	660,440	79
2/26/2013	8,882	9,301	2/26/2013	8,882	9,301	Slk wtr	10,742	Sand	661,700	78
2/26/2013	8,381	8,800	2/26/2013	8,381	8,800	Slk wtr	10,700	Sand	660,360	78
2/26/2013	7,881	8,300	2/27/2013	7,881	8,300	Slk wtr	10,604	Sand	661,020	78.2
2/27/2013	7,380	7,799	2/27/2013	7,380	7,799	Slk wtr	12,328	Sand	658,580	74

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LATERAL WELLBORE

Maximum TVD of wellbore: 7261 ft TVD @ 11644 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/LS	0	0	550	550
LS/SHALE	550	550	728	728
SHALE/LS	728	728	828	828
SHALE	828	828	920	920
LS/SHALE	920	920	1010	1010
LS/SS	1010	1010	1040	1040
SS/LS	1040	1040	1070	1070
LS/SS	1070	1070	1100	1100
LS	1100	1100	1200	1200
COAL	1200	1200	1210	1210
SHALE/LS	1210	1210	1220	1220
SHALE	1220	1220	1250	1250
SHALE/SS	1250	1250	1270	1270
SS/SHALE	1270	1270	1310	1310
SS/LS	1310	1310	1334	1334
SHALE/LS	1334	1334	1540	1540
SHALE	1540	1540	1560	1560
SS/SHALE	1560	1560	1670	1670
SHALE/SS	1670	1670	1700	1700
SS/SHALE	1700	1700	1760	1760
SS	1760	1760	1850	1850
SS/COAL	1850	1850	1890	1890
SS	1890	1890	2510	2510
SS/SHALE	2510	2510	2600	2600
SS	2600	2600	2654	2654
SS/SHALE	2654	2654	2670	2670
SHALE	2670	2670	7066	7033
GENESEO	7066	7033	7079	7043
TULLY	7079	7043	7113	7069
HAMILTON	7113	7069	7255	7149
MARCELLUS	7255	7149	7252	7252
TD	12449	7252		
		0		0

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