

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: 08-27-2012  
API #: 47-7700577

Farm name: Winters Operator Well No.: 1-8HG

LOCATION: Elevation: 2796 Quadrangle: Aurora

District: Union County: Preston  
Latitude: 0 Feet South of 39 Deg. 17 Min. 51.7560 Sec.  
Longitude 0 Feet West of 79 Deg. 31 Min. 43.1760 Sec.

Company: Enerplus Resources (USA)

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
333 Technology Drive Suite 255 Canonsburg, PA 15317	20"	40'	40'	N/A
Agent: Terry and Diane Stamper	13 3/8"	900'	900'	845
Inspector: <b>Sam Ward</b>	9 5/8"	2500'	2500'	992
Date Permit Issued: <u>05-20-2011</u>	5 1/2"	10258'	10258'	2860
Date Well Work Commenced: <u>06-17-2011</u>				
Date Well Work Completed: <u>08-25-2012</u>	2 3/8" 4.75 L-8rd EUE		5851'	N/A
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>6036</u>				
Total Measured Depth (ft): <u>10125</u>				
Fresh Water Depth (ft.): <u>N/A</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (N/Y) Depth(s) <u>No</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) +/- 5900'

Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 440 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 926 Hours

Static rock Pressure 190/500 psig (surface pressure) after 926 Hours

Second producing formation N/A Pay zone depth (ft) N/A

Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow N/A MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests N/A Hours

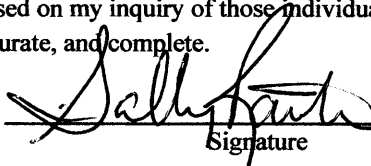
Static rock Pressure N/A psig (surface pressure) after N/A Hours

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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.

  
Signature

08-27-2012

Date

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 GR, Neutron, Density, Sonic, FMI, ECS

**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:

Plug and perf

3 3/8" gun w/6 spf 60 deg 23 gram .42" hole

Each stage contained approx. 504,000 gal water & 56,000 lbs sand

80 bpm

See attached for perf clusters.

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

Formations Encountered: Surface:	Top Depth	Bottom Depth
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Foreknobs/Chemung	Surface	3558
Brailier Shale	3558	5383
Burkette/Geneseo	5383	5398
Tully Limestone	5398	5417
Mahatango/Hamilton	5417	5695
Upper Marcellus Shale	5695	5769
Purcell Limestone	5769	5809
Lower Marcellus	5809	5856
Onondaga Limestone	5856	5877
Huntersville Chert	5877	

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## Winters 1-8HG

Stage	Formation	Depth		Stage Length w plug	Cluster 4		Cluster 3		Cluster 2		Cluster 1		Frac Plug Depth
		Top	Bottom		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	
1	Marcellus	9618	9968	390	9618	9620	9734	9736	9850	9852	9966	9968	
2	Marcellus	9218	9568	400	9218	9220	9334	9336	9450	9452	9566	9568	9617
3	Marcellus	8818	9168	400	8818	8820	8934	8934	9050	9052	9166	9168	9217
4	Marcellus	8418	8768	400	8418	8420	8534	8536	8650	8652	8766	8768	8817
5	Marcellus	8018	8368	400	8018	8020	8134	8136	8250	8252	8366	8368	8417
6	Marcellus	7618	7968	400	7618	7620	7734	7736	7850	7852	7966	7968	8017
7	Marcellus	7218	7568	400	7218	7220	7334	7336	7450	7452	7566	7568	7617
8	Marcellus	6818	7168	400	6818	6820	6934	6936	7050	7052	7166	7168	7217
9	Marcellus	6418	6768	400	6418	6420	6534	6536	6650	6652	6766	6768	6817
10	Marcellus	6018	6368	400	6018	6020	6134	6136	6250	6252	6366	6368	6417

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