

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: 06-04-2012
API #: 47-7700575

CR

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

LOCATION: Elevation: 1700' Quadrangle: Fellowsville

District: Reno County: Preston
Latitude: 0 Feet South of 39 Deg. 20 Min. 25.4040 Sec.
Longitude 0 Feet West of 79 Deg. 49 Min. 12.216 Sec.

RECEIVED
JUL 07 2012
OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA

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'	1260
Inspector: Sam Ward	9 5/8"	2500'	2500'	743
Date Permit Issued: 05/17/2011	5 1/2"	13882'	13882'	2360
Date Well Work Commenced: 05/24/2011				
Date Well Work Completed: 01/27/2012	2 3/8" 4.7# L-80 8rd EUE			
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 8355'				
Total Measured Depth (ft): 12956				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 270, 600, 1030'				
Void(s) encountered (N/Y) Depth(s) No				

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

Producing formation Marcellus Pay zone depth (ft) +/- 8150 TVD
Gas: Initial open flow 1537 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 2933 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1005 Hours
Static rock Pressure 750/1275 psig (surface pressure) after 1005 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

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]
Signature

6/4/12
Date

06/22/2012

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 Laterolog, 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. 600,000 gal water and 500,000 lbs sand

80 bpm

See attached for perf clusters.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered: Top Depth / Bottom Depth
Surface:

Conemaugh	Surface/150
Allegheny	150/550
Pottsville	550/2803
Mississippian	2803/3115
Hampshire Group	3115/3484
Foreknobs/Chemung	3484/4453
Brailier Shale	4453/7767
Burkette/Geneseo	7767/7784
Tully Limestone	7784/7862
Mahantango/Hamilton	7862/8076
Upper Marcellus Shale	8076/8130
Purcell Limestone	8130/8138
Lower Marcellus Shale	8138/8172
Onondaga Limestone	8172/8198
Huntersville Chert	8198

06/22/2012

Bolyard 1-8HG

Stage	Formation	Depth		Stage Length with plug	Cluster 4		Cluster 3		Cluster 2		Cluster 1		Frac Plug Depth
		Top	Bottom		Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	
1	Marcellus	12487	12786	344 (to RDV)	12487	12489	12586	12588	12685	12687	12784	12786	12867 FC
2	Marcellus	12141	12440	345	12141	12143	12240	12242	12336	12341	12438	12440	12486
3	Marcellus	11795	12094	345	11795	11797	11894	11896	11993	11995	12092	12094	12140
4	Marcellus	11449	11748	345	11449	11451	11548	11550	11647	11649	11746	11748	11794
5	Marcellus	11103	11402	345	11103	11105	11202	11204	11301	11303	11400	11402	11448
6	Marcellus	10757	11056	345	10757	10759	10856	10858	10955	10957	11054	11056	11102
7	Marcellus	10411	10710	345	10411	10413	10510	10512	10609	10611	10708	10710	11756
8	Marcellus	10065	10364	345	10065	10067	10164	10166	10263	10265	10362	10364	10410
9	Marcellus	9719	10018	345	9719	9721	9818	9820	9917	9919	10016	10018	10064
10	Marcellus	9373	9672	345	9373	9375	9472	9474	9571	9573	9670	9672	9718
11	Marcellus	9027	9326	345	9027	9029	9126	9128	9225	9227	9324	9326	9372
12	Marcellus	8681	8980	345	8681	8683	8780	8782	8879	8881	8978	8980	9026
13	Marcellus	8335	8634	345	8335	8337	8434	8436	8533	8535	8632	8634	8680