

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 8-23-2012  
API #: 47-085-09948

Farm name: William Lamb Operator Well No.: 13130

LOCATION: Elevation: 1122.74 Quadrangle: Burnt House

District: Union County: Ritchie  
Latitude: 11900 Feet South of 39 Deg. 05 Min. 00 Sec.  
Longitude 5300 Feet West of 80 Deg. 55 Min. 00 Sec.

Company: Dominion Transmission, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
45 West Main St. Clarksburg, WV 26301				
Agent: James D. Blasingame	16"	42	42	Sand In
Inspector: David Cowen	10 3/4"	803	803	CTS (600 sks)
Date Permit Issued: 2/6/2012	7"	2523	2523	CTS(725sks)
Date Well Work Commenced: 4/20/2012	4 1/2"	5196	5196	Top @ 2060
Date Well Work Completed: 5/15/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 5285				
Total Measured Depth (ft): 5285				
Fresh Water Depth (ft.): 53				
Salt Water Depth (ft.): 1952				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None				
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 Alexander ; Benson ; Riley Pay zone depth (ft) 4437-5062

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow Commingled 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

Second producing formation Balltown ; Speechley Pay zone depth (ft) 3330-4082

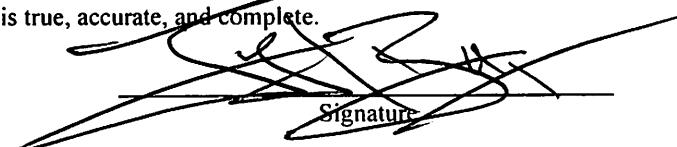
Gas: Initial open flow Show MCF/d Oil: Initial open flow Show Bbl/d

Final open flow 1210 MCF/d Final open flow Show Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure 675 psig (surface pressure) after 24 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

1-5-13  
Date

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02/08/2013

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 Gamma Ray, Temp, Comp Density, Neutron, PE Induction

**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:

5-14-12

**Halliburton Frac Job 5 stages 70% Quality Foam.**

- 1<sup>st</sup> Stage: Alexander 4930-5062 (25 Shots) : 142 Bbls Fluid, 25,000 Lbs Sand
- 2<sup>nd</sup> Stage : Benson 4626-4798 (23 Shots) : 127 Bbls Fluid, 20,500 Lbs Sand
- 3<sup>rd</sup> Stage: Riley 4437-4441 (20 Shots) : 155 Bbls Fluid, 20,000 Lbs Sand
- 4<sup>th</sup> Stage: Balltown 3722-4082 (25 Shots) : 188 Bbls Fluid, 40,600 Lbs Sand
- 5<sup>th</sup> Stage: Speechley 3330-3358 (20 Shots) : 160 Bbls Fluid, 34,100 Lbs Sand

Plug Back Details Including Plug Type and Depth(s): **None**

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

SEE ATTACHMENT

## Formation Description

Formation	Top	Bottom	Show
Fill	0	4	
Shales & Red Rock	4	800	Damp @ 53'
Sands & Shales	800	1390	
Salt Sands	1390	1680	Damp @1680
Shale	1680	1934	
Little Lime	1934	1953	Oil Show @ 1953
Shale	1680	1974	
Big Lime	1974	2020	
Big Injun	2020	2093	
Shales	2093	2277	
Weir	2277	2330	
Shale	2330	2410	
Berea	2410	2430	
Shale	2430	2600	
Thirty Foot	2600	2610	
Shale	2610	2630	
Gordons	2630	2755	
Shale	2755	2765	
Fourth Sand	2765	2792	
Shale	2792	2950	
Bayard	2950	2975	
Shale & Sand	2975	3310	
Warren	3310	3386	Oil Odor @ 3340
Shale	3386	3605	
Speechley	3605	3658	
Shales & Siltstones	3658	3885	
Balltown	3885	4082	
Shales	4082	4440	
Bradford	4440	4450	
Shale	4450	4590	
Riley	4590	4642	
Shales	4642	4716	
Benson	4716	4810	
Siltstones & Shales	4810	5000	
Alexander	5000	5060	
Shale	5060	TD	
TD	5285		