

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

DATE: 10-29-2012
API #: 47-041-05663

Farm name: M.B. Riley Heirs Operator Well No.: 13139

LOCATION: Elevation: 1370 Quadrangle: Vadis

District: Freemans Creek County: Lewis
Latitude: 7820 Feet South of 39 Deg. 07 Min. 30 Sec.
Longitude 1530 Feet West of 80 Deg. 37 Min. 30 Sec.

Company: Dominion Transmission, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
445 West Main St Clarksburg, WV 26301	16"	35'	35'	Sanded In
Agent: James Blasingame				
Inspector: Brian Harris	10 3/4"	761'	761'	CTS(570 Sks)
Date Permit Issued: 5/23/2012				
Date Well Work Commenced: 9/21/2012	7"	2757'	2757'	CTS (700Sks)
Date Well Work Completed: 10/15/2012				
Verbal Plugging:	4 1/2"		5204'	Cement Top @ 2124'
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 5260				
Total Measured Depth (ft): 5260				
Fresh Water Depth (ft.): 76'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None				
Void(s) encountered (N/Y) Depth(s) N				

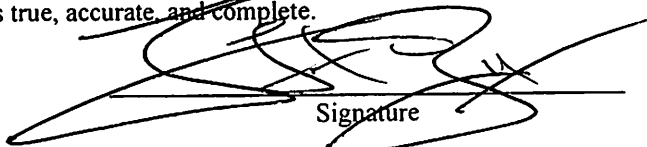
OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation See Frac Report Pay zone depth (ft) _____
Gas: Initial open flow Show MCF/d Oil: Initial open flow Show Bbl/d
Final open flow 741 MCF/d Final open flow 2 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1170 psig (surface pressure) after 12 Hours

Second producing formation See Frac Report Pay zone depth (ft) _____
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

RECEIVED
Office of Oil & Gas
10/18/2012
West Virginia Department of Environmental Protection

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

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 GR,Temp,Density,PE,Ind.

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:

1st Stage: Benson 5028-5036 (20 Shots) : Foam Frac with 203 Bbls & 306 Sks Sand & 500 Gal Acid

2nd Stage : Riley 4796-4912 (20 Shots) : Foam Frac with 159 Bbls & 200 Sks Sand & 500 Gal Acid

3rd Stage : Bradford 4550-4570 (20 Shots) : Foam Frac with 165 Bbls & 201 Sks Sand & 500 Gal Acid

4th Stage : Balltown 3656-3940 (20 Shots) : Foam Frac with 190 Bbls & 302 Sks Sand & 500 Gal Acid

5th Stage : Speechley 3406-3520 (20 Shots) : Foam Frac with 163 Bbls & 201 Sks Sand & 500 Gal Acid

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

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

SEE ATTACHED SHEET

Formation Description

Dominion Transmission

Well # 13139

Formation	Top	Bottom	Show
Fill	0	9	
Sand	9	15	
Sand & Shale	15	30	
Shale & Red Rock	30	187	Damp @ 76'
Sand & Shale	187	417	
Shale & Red Rock	417	476	
Sand & Shale	476	550	
Sand	550	725	
Sand & Shale	725	840	
Shales	840	1180	
Sand	1180	1370	
Sand & Shale	1370	1560	
Sand	1560	1685	
Sand & Shale	1685	1870	
Sand	1870	1995	
Shale	1995	2140	
Little Lime	2140	2180	
Shale	2180	2206	
Big Lime	2206	2268	
Big Injun	2268	2348	
Shale	2348	2568	
Gantz	2568	2590	
Shale	2590	2770	
Sand	2770	2782	
Shale	2782	2850	
Sand	2850	2854	
Gordon	2854	2880	
Shale	2880	3418	
Speechley	3418	3520	
Shale & Siltstone	3520	3655	
Balltowns	3655	3942	Gas Check @ 4245 : Ordor
Shale & Siltstone	3942	4550	
Bradford	4550	4572	
Shale	4572	4796	
Rileys	4796	4890	
Shale & Siltstone	4890	5028	
Benson	5028	5066	Gas Check @ 5165 : Ordor
Shale	5066	TD	
TD	5260		Gas Check @ TD : Ordor

02/08/2013