

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

DATE: DECEMBER 6, 2011  
API #: 087-4693

Farm name: TRIAD HOLDINGS PLL Operator Well No.: MURPHY #7

LOCATION: Elevation: 885' Quadrangle: NEWTON

District: GEARY County: ROANE  
Latitude: 3150' Feet South of 38 Deg. 35 Min. 00 Sec.  
Longitude 6600' Feet West of 81 Deg. 07 Min. 30 Sec.

Company:

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
ROY G. HILDRETH AND SON, INC., PO BOX 1007 SPENCER, WV 25276	9 5/8"	30'	30'	
Agent: <b>ROY G. HILDRETH</b>	7"	230'	230'	TO SURFACE
Inspector: <b>ED GAINER</b>	4 1/2"	2106'	2106'	TOP CEMENT 1140'
Date Permit Issued: <u>05/31/11</u>				
Date Well Work Commenced: <u>7/25/11</u>				
Date Well Work Completed: <u>11/30/11</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable Rig				
Total Vertical Depth (ft):				
Total Measured Depth (ft): <u>2106'</u>				
Fresh Water Depth (ft.): <u>140'</u>				
Salt Water Depth (ft.): <u>1540'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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

Producing formation BIG INJUN Pay zone depth (ft) 1909'-1920'

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

Final open flow 250 MCF/d Final open flow 5 Bbl/d

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

Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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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WV 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.

Ray B. Shickel  
Signature

Dec. 6th, 2011  
Date

Were core samples taken? Yes \_\_\_\_\_ No

Were cuttings caught during drilling? Yes  No \_\_\_\_\_

Were  Electrical, \_\_\_\_\_ Mechanical, \_\_\_\_\_ or Geophysical logs recorded on this well?  
Y/N Y/N Y/N

**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:

11 PERFS @ 1909' - 1920' BIG INJUN

X-LINK FRACKED W/ 34,200# 20/40 SAND HAD PROBLEM W/ BREAKER INJECTION PUMP- X-LINK DIDN'T BREAK GEL, REQUIRED CONSIDERABLE SERVICE TIME.

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
Surface: \_\_\_\_\_

0 - 1250' SLATE & SHALE

1250' - 1340' SALT SAND

1340' - 1350' SLATE & SHALE

1350' - 1460' SALT SAND

1460' - 1520' SLATE & SHALE

1520' - 1575' SALT SAND

1575' - 1740' SLATE & SHALE

1740' - 1780' LITTLE LIME

1780' - 1900' BIG LIME

1900' - 1930' BIG INJUN

1930' - 2106' SLATE & SHALE