

**State of West Virginia**  
**Division of Environmental Protection**  
**Section of Oil and Gas**  
**Well Operator's Report of Well Work**

Farm name: **ANDERSON WILEY 3**      Operator Well No.: **FLUHARTY, FRANCIS**  
 LOCATION: Elevation: **1,128'**      Quadrangle: **PINE GROVE 7.5'**  
 District: **GREEN**      County: **WETZEL**  
 Latitude: **12,910 Feet south of 39 Deg 32 Min 30 Sec.**  
 Longitude: **10,090 Feet west of 80 Deg 40 Min 0 Sec.**

COPY

Company Address:	HG Energy PO Box 5519 Vienna, WV 26105	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Derek Haught				
Date Permit Issued:	08/09/2011				
Date Well Work Commenced:	10/06/2011				
Date Well Work Completed:	06/20/2012				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable	Rig	7"	1085'	1085'	270 sks
Total vertical Depth (ft):	3140'				
Total Measured Depth (ft):	3140'				
Fresh Water Depth (ft):	none	4 1/2"	3062.6'	3062.6'	150 sks
Salt Water Depth (ft):	none				
Is Coal being mined in ares (Y/N)?	No				
Coal Depths (ft): x	914'-922'				
Void(s) encountered (Y/N) depth(s):	NONE				

**OPEN FLOW DATA      \* Waterflood Producer**

Producing formation Gordon      Pay zone depth (ft) 2963'-2972'  
 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

Second producing formation \_\_\_\_\_      Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d      Oil: Initial open flow RECEIVED Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d      Final open flow Office of Oil and Gas Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock pressure \_\_\_\_\_ psig (surface pressure) after NOV 18 2013 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

6/25/12  
 Date

01/03/2014

Were core samples taken? No

Were cuttings caught during drilling? No

Were Y Electrical, N Mechanical, N 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.

**Treatment :** Treated perms 2963'-2972' and 2974'-2980.5' w/ 500 gals 15% HCL, 335 bbls cross linked gel, and 23,800# 20/40 sand.

**Well Log :** All depths are measured relative to KB (8' AGL ).

Shale w/ sand streaks	0	-	914
Coal	914	-	922
Shale	922	-	1302
Sand	1302	-	1334
shale	1334	-	1358
sand	1358	-	1452
shale	1452	-	1512
sand	1512	-	1542
shale	1542	-	1768
sand	1768	-	1798
shale	1798	-	1856
sand	1856	-	1918
shale	1918	-	2056
sand	2056	-	2070
shale	2070	-	2081
sand	2081	-	2105
Big Lime	2105	-	2174
Big Injun	2174	-	2356
shale	2356	-	2930
sand	2930	-	2950
shale	2950	-	2962
sand	2962	-	2981
TD	2981		
T.D. -Logger	3082	KB	
T.D. -Driller	3140	KB	

01/03/2014