

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

Farm name: WAYNE, ROBERTA B. Operator Well No.: ANTHONY LOVEALL 9
 LOCATION: Elevation: 1,058' Quadrangle: PINE GROVE 7.5'
 District: GREEN County: WETZEL
 Latitude: 11,970 Feet south of 39 Deg 32 Min 30 Sec.
 Longitude: 5,375 Feet west of 80 Deg 40 Min 0 Sec.

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:	09/18/2012				
Date Well Work Commenced:	10/19/2012				
Date Well Work Completed:	11/07/2012				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable	Rig	7"	1030'	1030'	255 sks
Total vertical Depth (ft):	3110'				
Total Measured Depth (ft):	3110'				
Fresh Water Depth (ft):	210', 650'	4 1/2"	3071.2'	3071.2'	225 sks
Salt Water Depth (ft):	2150'				
Is Coal being mined in ares (Y/N)?	No				
Coal Depths (ft): x	793'-800'				
Void(s) encountered (Y/N) depth(s):	NONE				

OPEN FLOW DATA

* Waterflood Injector

Producing formation	Gordon	Pay zone depth (ft)	2886'-2901' 2915'-2915'
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	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

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.

Pa Weller
Signature

1/5/13
Date

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 perfs 2886'-2901' & 2915'-2919', 250 gals 15% HCL, 326 bbls cross linked gel, and 20,000# 20/40 sand.

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

Shale w/ sand streaks	0	-	793
Coal	793	-	800
Shale w/ sand streaks	800	-	802
Sand	802	-	830
shale	830	-	916
sand	916	-	946
shale	946	-	1016
sand	1016	-	1033
shale	1033	-	1322
sand	1322	-	1354
shale	1354	-	1416
sand	1416	-	1446
shale	1446	-	1458
sand	1458	-	1524
shale	1524	-	1548
sand	1548	-	1572
shale	1572	-	1820
sand	1820	-	1850
shale	1850	-	1994
sand	1994	-	2008
shale	2008	-	2020
sand	2020	-	2033
Big Lime	2033	-	2090
Big Injun	2090	-	2280
shale	2280	-	2856
Gordon stray	2856	-	2873
shale	2873	-	2880
Gordon	2880	-	2901
shale	2901	-	2913
sand	2913	-	2919
shale	2919	-	3110
TD	3110		

T.D. -Logger 3099 KB
T.D. -Driller 3110 KB

01/25/2013