09/18/2012 47-103-02830

## 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'

**GREEN** 

Quadrangle:

PINE GROVE 7.5'

30

District:

County:

WETZEL

Latitude:

11,970 Feet south of

39 Deg 32 Min

Longitude:

5,375 Feet west of

80 Deg 40 Min

0 Sec.

Company Address:	HG Energy PO Box 551 Vienna, WV		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 Wo	Date Well Work Completed: 11/07/2012		!			
Verbal Pluggii	ng:					
Date Permission	Date Permission Granted On:				·	
Rotary X	Cable R	lig	7"	1030'	1030'	255 sks
Total vertical	Depth (ft):	3110'				
Total Measure	d Depth (ft):	3110'				
Fresh Water D	epth (ft):	210', 650'	4 ½"	3071.2'	3071.2'	225 sks
Salt Water De	pth (ft):	2150'				
Is Coal being r	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

				2000-2701			
Producing formation		Gordon	Pay zone depth	n (ft) 2915'-2915'			
Gas: In	itial open flow	* MCF/d (	Oil: Initial open flow	* Bbl/d			
Fi	inal open flow	* MCF/d	Final open flow	* Bbl/d			
$\mathbf{T}^{i}$	ime of open flow between	en initial and final	tests *	Hours			
Static rock	c pressure	* psig (surf	face pressure) afte	er * Hours			
Second pro	oducing formation		Pay zone depth (ft)				
	itial open flow	MCF/d (	Dil: Initial open flow	Bbl/d			
	nal open flow	MCF/d	Final open flow	Bbl/d			
Ti	ime of open flow between	en initial and final	tests	Hours			
Static rock	c pressure	psig (surf	ace pressure) afte	er 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.

1-3-13

2886'-2901'

TOTAL DEPTH.

<u>Treatment:</u> 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
	2110		

3110

TD