

MAY 13 2013

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

Farm name of Oil Well: **EMMASTERS, DAVID W. AND BA** Operator Well No.: **B.A. SWIGER 9**  
 WV Dept. of Environmental Protection

LOCATION: Elevation: **799.00** Quadrangle: **CENTERPOINT 7.5'**  
 District: **MCELROY** County: **TYLER**  
 Latitude: **5,900 Feet south of 39 Deg 27 Min 30 Sec.**  
 Longitude: **10,700 Feet west of 80 Deg 40 Min 0 Sec.**

Company Address:	HG Energy 5260 Dupont Rd Parkersburg, WV 26101	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Joe Taylor				
Date Permit Issued:	10/18/2012				
Date Well Work Commenced:	01/16/2013				
Date Well Work Completed:	04/23/2013				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable	Rig	7"	224	224	55 sks
Total vertical Depth (ft):	2810				
Total Measured Depth (ft):	2810				
Fresh Water Depth (ft):	none	4 1/2"	2742	2742	150 sks
Salt Water Depth (ft):	none				
Is Coal being mined in ares (Y/N)?	No	2 3/8	2596.4	2596.4	on packer
Coal Depths (ft): x					
Void(s) encountered (Y/N) depth(s):	NONE				

OPEN FLOW DATA \* Waterflood Injector

Producing formation Gordon Pay zone depth (ft) 2656-2675  
 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.

*Ben Reed*  
 Signature

4/26/13  
 Date

07/26/2013

Were core samples taken? No

Were cuttings caught during drilling? No 95-01851

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 :** Converted to water injection - no additional stimulation

**Well Log :**

See original WR 35