

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

Farm name: EAST RESOURCES Operator Well No.: HIRAM LYNCH 115  
 LOCATION: Elevation: 1,002' Quadrangle: WOLF SUMMIT 7.5'  
 District: TEN MILE County: HARRISON  
 Latitude: 2,625 Feet south of 39 Deg 17 Min 30 Sec.  
 Longitude: 7,875 Feet west of 80 Deg 27 Min 30 Sec.

Company Address:	HG Energy 5260 DuPont Road Parkersburg, WV 26101	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Tristan Jenkins				
Date Permit Issued:	02/14/2012				
Date Well Work Commenced:	03/18/2013				
Date Well Work Completed:	03/20/2013				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable Rig		7"	418'	418'	existing
Total vertical Depth (ft):	2720'				
Total Measured Depth (ft):	2720'				
Fresh Water Depth (ft):	120'	4 1/2"	2641.3'	2641.3'	existing
Salt Water Depth (ft):	1540'				
Is Coal being mined in ares (Y/N)?	No				
Coal Depths (ft):	None				
Void(s) encountered (Y/N) depth(s):					

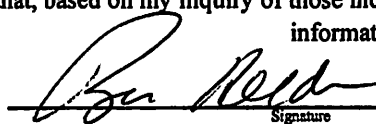
RECEIVED  
Office of Oil and Gas  
APR 01 2013  
WV Department of Environmental Protection

OPEN FLOW DATA \* Waterflood Injector

Producing formation Fifth Sand Pay zone depth (ft) 2567'-2572'  
2573.5'-2577.5'  
 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.

 3/26/13  
 Signature Date

06/14/2013

Were core samples taken? No

Were cuttings caught during drilling? No 33.04880F

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 2567'-2572' and 2573.5'-2577.5' w/ 500 gals 15% HCL, 224 bbls cross linked gel, & 6300 # 20/40 Econoprop.

**Well Log :** See original well record