

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

Farm name: DIEKMAN, THOMAS W. & THOM. Operator Well No.: T.R. REYNOLDS 19

LOCATION: Elevation: 352' Quadrangle: PETERSON 7.5'  
District: COURTHOUSE County: LEWIS  
Latitude: 8,205 Feet south of 39 Deg 0 Min 0 Sec.  
Longitude: 10,825 Feet west of 80 Deg 35 Min 0 Sec.

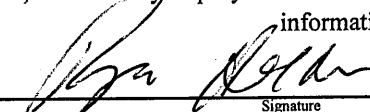
Company Address:	HG Energy PO Box 5519 Vienna, WV 26105	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Bryan Harris				
Date Permit Issued:	08/03/2011				
Date Well Work Commenced:	08/16/2011				
Date Well Work Completed:	08/26/2011				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable Rig		8 5/8"	460.95'	460.95'	165 sks
Total vertical Depth (ft):	2814'				
Total Measured Depth (ft):	2814'				
Fresh Water Depth (ft):	None	4 1/2"	2703.25'	2703.25'	270 sks
Salt Water Depth (ft):	None				
Is Coal being mined in ares (Y/N)?	No				
Coal Depths (ft): x					
Void(s) encountered (Y/N) depth(s):	NONE				

**OPEN FLOW DATA**

Producing formation Fifth Sand Pay zone depth (ft) 2712'-2719'  
 Gas: Initial open flow 10 MCF/d Oil: Initial open flow 0 Bbl/d  
 Final open flow 5 MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock pressure 30 psig (surface pressure) after 72 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.

  
 \_\_\_\_\_  
 Signature

4/25/12  
 \_\_\_\_\_  
 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 Fifth sand open hole W 300 gals 15% HCL, 370 bbls gelled freshwater, and 10,600# 20/40 sand.

**Well Log :** See Original Well Record

RECEIVED  
JUL 26 2012  
WV GEOLOGICAL SURVEY  
MORGANTOWN, WV