

103-02654

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

Farm name: HALL, AUSTIN JR. Operator Well No.: ELIZABETH MILLER 7
 LOCATION: Elevation: 1,105' Quadrangle: PINE GROVE 7.5'
 District: GREEN County: WETZEL
 Latitude: 11,920 Feet south of 39 Deg 32 Min 30 Sec.
 Longitude: 9,350 Feet west of 80 Deg 40 Min 0 Sec.

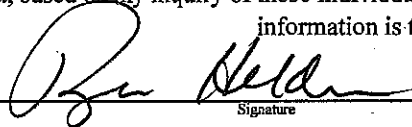
Company Address:	HG Energy PO Box 5519 Vienna, WV 26105	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Inspector:	Derek Haught				
Date Permit Issued:	5/26/2011				
Date Well Work Commenced:	8/4/2011				
Date Well Work Completed:	9/1/2011				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable Rig		7"	1062'	1062'	270 sks
Total vertical Depth (ft):	3080'				
Total Measured Depth (ft):	3080'				
Fresh Water Depth (ft):	100'	4 1/2"	3021'	3021'	150 sks
Salt Water Depth (ft):	None				
Is Coal being mined in ares (Y/N)?	No				
Coal Depths (ft): x	848'-858'				
Void(s) encountered (Y/N) depth(s):	NONE				

OPEN FLOW DATA * Waterflood Producer

Producing formation Gordon Pay zone depth (ft) 2910'-2916'
2917'-2918'
 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.


Signature

3/14/12
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 perfs 2910'-2916', and 2917'-2918' w/ 300 gals. 15% HCL, 338 bbls cross linked gel, and 20,500# 20/40 sand.

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

Shale w/ sand streaks	0	-	848
Coal	848	-	858
Shale	858	-	1256
Sand	1256	-	1281
shale	1281	-	1324
sand	1324	-	1350
shale	1350	-	1360
sand	1360	-	1374
shale	1374	-	1380
sand	1380	-	1408
shale	1408	-	1443
sand	1443	-	1478
shale	1478	-	1516
sand	1516	-	1526
shale	1526	-	1605
sand	1605	-	1623
shale	1623	-	1658
sand	1658	-	1677
shale	1677	-	1723
sand	1723	-	1759
shale	1759	-	1828
sand	1828	-	1868
shale	1868	-	1994
sand	1994	-	2017
shale	2017	-	2029
sand	2029	-	2052
Big Lime	2052	-	2120
Big Injun	2120	-	2306
shale	2306	-	2877
Gordon Stray	2877	-	2894
shale	2894	-	2906
Gordon	2906	-	2918
shale	2918	-	3080
TD	3080		
T.D. -Logger	3070	KB	
T.D. -Driller	3080	KB	