

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

Farm name: NICE, KENNETH DALE JR. Operator Well No.: J.Q. MCINTYRE 12  
 LOCATION: Elevation: 841' Quadrangle: CENTERPOINT 7.5'  
 District: MCELROY County: TYLER  
 Latitude: 6,665 Feet south of 39 Deg 27 Min 30 Sec.  
 Longitude: 5,510 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:	Joe Taylor				
Date Permit Issued:	07/12/2012				
Date Well Work Commenced:	08/20/2012				
Date Well Work Completed:	08/31/2012				
Verbal Plugging:					
Date Permission Granted On:					
Rotary X Cable	Rig	7"	830'	830'	215 sks
Total vertical Depth (ft):	2960'				
Total Measured Depth (ft):					
Fresh Water Depth (ft):	100',180'	4 1/2"	2867'	2867'	210 sks to surface
Salt Water Depth (ft):	1340'				
Is Coal being mined in ares (Y/N)?	No				
Coal Depths (ft): x	635'-644'				
Void(s) encountered (Y/N) depth(s):	NONE				

OPEN FLOW DATA \* Waterflood Producer

Producing formation Gordon Pay zone depth (ft) 2700'-2702'  
2737'-2739'  
 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

11/19/12  
 \_\_\_\_\_  
 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 2700'-2702', 2708'-2714', 2717.5'-2718.5', & 2737'-2739' w/ 2500 gals 15% HCL aci acid, 412 bbls cross linked gel, and 17,000# 20/40 sand.

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

Shale w/ sand streaks	0	-	635
Coal	635	-	644
Shale w/ sand streaks	644	-	1056
Sand	1056	-	1072
shale	1072	-	1088
sand	1088	-	1123
shale	1123	-	1198
sand	1198	-	1217
shale	1217	-	1240
sand	1240	-	1257
shale	1257	-	1290
sand	1290	-	1306
shale	1306	-	1340
sand	1340	-	1381
shale	1381	-	1527
sand	1527	-	1546
shale	1546	-	1640
sand	1640	-	1668
shale	1668	-	1845
sand	1845	-	1858
shale	1858	-	1878
sand	1878	-	1918
Big Lime	1918	-	1970
Big Injun	1970	-	2134
shale	2134	-	2684
Gordon stray	2684	-	2702
shale	2702	-	2704
Gordon	2704	-	2725
shale	2725	-	2736
sand	2736	-	2739
shale	2739	-	2960
TD	2960		

T.D. -Logger 2940 KB