07/06/2011 47-103-02664

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

Farm name:

WV PUBLIC LANDS CORP.

Operator Well No.: C.C. PENNIC

LOCATION:

Elevation:

1,429'

Quadrangle:

CENTERPOINT

District:

GREEN

County: WETZEL

Latitude: Longitude:

6,760 Feet south of 7,070 Feet west of

39 Deg 30 Min

0 Sec. 80 Deg 40 Min 0 Sec.

Company Address:	HG Energy PO Box 55 Vienna, W	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.	
Inspector: Derek Haught						
Date Permit Issued: 07/06/2011						
Date Well Work Commenced: 10/27/2011]			
Date Well Work Completed: 12/12/2011						
Verbal Pluggi	ng:	•				
Date Permissi	Date Permission Granted On:					
Rotary X	7"	1416'	1416'	350 sks		
Total vertical	Depth (ft):	3450'				
Total Measure	ed Depth (ft):	3450'				
Fresh Water Depth (ft): none			4 ½"	3438.5'	3438.5'	200 sks
Salt Water De	pth (ft):	none				
Is Coal being:	mined in ares (Y/N)	? No				
Coal Depths (1						
Void(s) encountered (Y/N) depth(s): NONE						
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* Waterflood Producer

			3297'-3310'				
Producing formation	Gordon	Pay zone depth (f	ft) 3333'-3335'				
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 fina	l tests *	Hours				
Static rock pressure	* psig (su	rface 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 fina	tests	Hours				
Static rock pressure		face 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.

Were core samples taken?		No	Were cuttings caught during drilling? No						
Were	Y	Electrical,	N	Mechani	ical, _	N	or Geophysical logs recorded on this well?		
	Y/N		Y/N			Y/N			
	ULATING,	PHYSICAL CHANG	GE, ETC. 2)	. THE WELL I ONS, INCLUI	OG W	HICH IS A OAL ENC	F PERFORATED INTERVALS, FRACTURING OR SYSTEMATIC DETAILED GEOLOGICAL RECORD OF OUNTERED BY THE WELLBORE FROM SURFACE TO		
<u> Freatment :</u>		Treated perfs. 3297'-3310', 3320'-3321', 3325'-3327', and 3333'-3335' w/ 1000 gals 15% HCl acid, 31 bbls freshwater, Shot w/ Gas guns.							
							RECEIVED		
Well I	Log:	All depths are	measured	relative to	KB (8'	AGL).	JUL 09 2012		
							WV GEOLOGICAL SURVEY MORGANTOWN, WV		
		Shale w/ sand	streaks	0	-	1250			
		Coal		1250	-	1258			
		Shale w/ sand	streaks	1258	-	2418			
		Sand		2418	-	2434			
		shale		2434	· -	2446			
		sand		2446	-	2458			
		Big Lime		2458	-	2569			
		Big Injun		2569	-	2704			
		shale		2704	-	3274			
	•	Gordon Stray		3274	. -	3312			
		shale		3312	-	3319			
		Gordon	*	3319	-	3338			
		shale		3338	-	3450			
		TD		3450					
		T.DLogger		3436	KB				
		T.DDriller		3450	KB				