API#

05/31/2012 47-033-05610

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

Farm name:

FULLERTON, TIMOTHY & SUSAN

Operator Well No.: HIRAM LYNCH 226

LOCATION:

Elevation:

1,298'

Quadrangle:

WOLF SUMMIT 7.5'

District:

TEN MILE

County: HARRISON

Latitude:

4,560 Feet south of

39 Deg 17 Min 30

Longitude:

6,105 Feet west of

Sec. 80 Deg 27 Min 30 Sec.

Company	HG Energ	у	T		7	
Address:	PO Box 55	19	Casing &	Used in	Left in	Cement Fill U
Inspector:	Vienna, W		Tubing	Drilling	Well	Cu. Ft.
Date Permit Issued: Tristan Jenkins 05/31/2012				 	-	
		5/31/2012	7			1
	k Commenced:	07/23/2012				
Date Well Wor	k Completed:	09/11/2012				
Verbal Pluggin	g:		4			
Date Permission	n Granted On:		1			
Rotary X Cable Rig			7"	400 ==:		
Total vertical D	epth (ft):	2934'	1 '	483.75'	483.75'	500 sks
otal Measured	Depth (ft):	2952'	 			
resh Water De	oth (ft):	20', 80', 360'	4 1/2"	20001		
alt Water Dept	h (ft):	none	7 /2	2909'	2909'	200 sks
Coal being mi	ned in ares (Y/N)?	No	 			
oal Depths (ff)	×					
oid(s) encountered (Y/N) depth(s). V 4401 4501			 	psc	EWED	
mine liner installed over 7" casing, depth mine liner installed 435'-455' Mine liner			Office of Oil & Gas			
	grouted in w/ cemen	ıt.	·	DEC 1	0 2012	

OPEN FLOW DATA * Waterflood B	
* Waterflood F	roducer WV Department of
Producing formation Gas: Initial open flow Final open flow Time of open flow between Static rock pressure	* "" 110015
Second producing formation	psig (surface pressure) after * Hours
Gas: Initial open flow Final open flow Time of open flow between Static rock pressure	Pay zone depth (ft) MCF/d Oil: Initial open flow MCF/d Final open flow initial and final tests psig (surface pressure) Pay zone depth (ft) Bbl/d Bbl/d Hours Hours
certify under panels, act, and are	

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.

02/22/2013

Were core samples taken? No

Were cuttings caught during drilling? No

3305610

N or Geophysical logs recorded on this well? Mechanical, _ Were

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.

Treated perfs 2806.5'-2807.5', 2809'-2813.5', & 2816'-2820.5' w/ 500 gals 15% HCL acid, Treatment: 232 bbls cross linked gel, and 5,000# 20/40 sand.

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

Shale w/ sand streaks	0	-	440
void	440	-	450
Shale w/ sand streaks	450	-	974
Sand	974	-	1028
shale	1028	-	1156
snate	1156	-	1248
sanu shale	1248	-	1259
	1259	_	1267
sand shale	1267	-	1383
 -	1383	-	1484
sand	1484	-	1641
shale	1641	-	1649
sand	1649	-	1748
shale	1748	-	1790
sand	1790	-	1812
shale	1812	_	1874
Big Lime	1874	_	1966
Big Injun	1966		2383
shale	2383	_	2497
sand	2497	_	2493
shale	2493	-	2652
sand	2652	-	2806
shale	2806	-	2822
Fifth Sand	2822	-	2952
shale	2952		
TĎ	2,52		
- T	2944	KB	}
T.DLogger	2952	KE	
T.DDriller	2,7,52		