MAR 1 2 2013

WV GEOLOGICAL SURVEY MORGANTOWN, WY

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

Farm name:

JUNKINS, EARL AND BELVA S.

Operator Well No.: HIRAM LYNCH 114

LOCATION:

Elevation:

1,080'

Quadrangle:

District:

WOLF SUMMIT 7.5'

TEN MILE

County: HARRISON

Latitude:

3,330 Feet south of

39 Deg 17 Min 30 Sec.

Longitude:

8,425 Feet west of

80 Deg 27 Min 30 Sec.

Company Address:	HG Energy 5260 DuPo Parkersburg	Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.	
Inspector:	Tristan	Jenkins				
Date Permit Iss	ued: 0	1/25/2013				
Date Well Wor	k Commenced:	02/26/2013				
Date Well Wor	k Completed:	02/27/2013				
Verbal Plugging	g:					
Date Permission	n Granted On:			450'	450'	existing
Rotary X C	Cable 1	₹ig	7"			
Total vertical D	epth (ft):	2840'				
Total Measured	Depth (ft):	2840'				
Fresh Water De	pth (ft):	380'	4 ½"	2769.9'	2769.9	existing
Salt Water Dept	th (ft):	None				
Is Coal being m	ined in ares (Y/N)?	No				
Coal Depths (ft): None						
Void(s) encountered (Y/N) depth(s):						

OPEN FLOW DATA

* Waterflood Injector

Producing formation			Fifth Sand			Pay zone depth (ft)			2646'-2660'
Gas:	Initial open flow		*	MCF/d	Oil: Ini	itial open	flow	*	Bbl/d
	Final open flow		*	MCF/d		nal open t		*	Bbl/d
	Time of open flow	between	initial	and fina	al tests	•	*	Hours	
Static ro	ock pressure		*	_psig (su	rface pr	ressure)	after	*	Hours
Second	producing formation					Pay zo:	ne depth (f	ft)	
Gas:	Initial open flow			MCF/d	Oil: Ini	itial open			Bbl/d
	Final open flow			MCF/d	Fir	nal open f	low		Bbl/d
	Time of open flow	between	initial	and fina	l tests	-		Hours	_
Static ro	ock pressure			psig (su	rface pr	ressure)	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 samp	oles taken?	No		Were cu	ttings caugh	t during drilli	ng? No	
211101	ULATING, I	PHYSICAL CHAP	NGE, ETC. 2).	Mechanical, FOLLOWING: 1). D THE WELL LOG W ONS, INCLUDING O	/HICH IS A COAL ENC	PERFORATE	ED INTERVALS,	OLOGICAL RECO	R NBD OE
Treati	nent :	Treated perfs & 10,000# 20		9' w/ 500 gals 159	% HCL, 2	252 bbls cros	s linked gel,		
Well I	.og :	See original v	vell record						