WR-35 Rev (9-11)

## State of West Virginia Department of Environmental Protection Office of Oil and Gas

DATE:	9-5-13
API#:	47-0 <del>95-02837-</del>
	103.02837

Well Operato	or's Report of V	Well Work		103.02837
Farm name: Jerry D Briggs	Operator We	ll No.: <u>W-1641</u>		
LOCATION: Elevation: 1314'	Quadrangle:	Pine Grove		<del></del>
	_ `			<del></del>
District: Green  Latitude: 12840 Feet South of 39 Deg.	County: Wetz			
Longitude 3520 Feet West of 80 Deg		1. 00 Sec		
Company: Haught Energy Corporation		_		
Address: 12864 Staunton TPKE	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Smithville, WV 26178	Tuomg	drining		up Cu. Ft.
Agent: Warren R. Haught				
Inspector: Derek Haught	9-5/8"	41'	41'	To Surface
Date Permit Issued: October 3, 2012	7"	1265'	1265'	To Surface
Date Well Work Commenced: 3/7/2013	4-1/2"	2269.65'	2269.65'	None
Date Well Work Completed: 5/28/2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig 🗸				
Total Vertical Depth (ft): 2536'				
Total Measured Depth (ft): NA				
Fresh Water Depth (ft.): 80'				
Salt Water Depth (ft.): 1,988'	ļ			-
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): NA				
Void(s) encountered (N/Y) Depth(s) None				
OPEN FLOW DATA (If more than two producing formation  Producing formation  Big Injun  Pay  Gas: Initial open flow show  MCF/d Oil: Initial open flow  Final open flow 700  MCF/d Final open flow	zone depth (ft)		ata on separate s	heet)
Time of open flow between initial and final tests 12	Hours			
Static rock Pressure 800 psig (surface pressure) after 24 Hours			R	ECHNED
Second producing formationPay zone depth (ft)				e of OF Gas
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d			,	NED 1 0 2.02
Final open flow MCF/d Final open flow Time of open flow between initial and final tests		ol/d	Č	SEP 1 2 Zul3
Static rock Pressurepsig (surface pressure) at			_ W/	Department of

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 heard on 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.

Warren R. Standhol 10407 9/10/2013
Signature Date

Were core samples taken? Yes1	^oX_	Were cutting	gs caught during drill	ing? Yes	NoX
Were Electrical, Mechanical or Geophysi	cal logs recorded on	this well? If yes,	please list None		
NOTE: IN THE AREA BELOW FRACTURING OR STIMULATING, DETAILED GEOLOGICAL RECOI COAL ENCOUNTERED BY THE W	PHYSICAL CHAN  RD OF THE TOP	NGE, ETC. 2). TI S AND BOTTO	HE WELL LOG WI MS OF ALL FOR	HICH IS A S'	YSTEMATIC
Perforated Intervals, Fracturing, or Stimu	lating:				
Naturally Producing Well - None					
Plug Back Details Including Plug Type a	nd Depth(s):				
Formations Encountered: Surface:	Тор Ј	Depth	_1	Bottom	<u>Depth</u>
See attached worksheet			· · · · · · · · · · · · · · · · · · ·		· 
				Office	onvilo <del>orone</del> Ga
					2 2 9 2013

W// Department of 10/11/2013 on

## Eakin W-1641 API # 47-103-02837

Formation	Тор	Bottom	Remarks
Red Rock & Shale	0	817	
Sand	817	841	_
Red Rock	841	1153	•
Sand	1153	1177	
Red Rock	1177	1300	
Slate	1300	1317	
Dunkard Sand	1317	1336	
Slate & Shells	1336	1495	
Gas Sand	1495	1587	
Slate	1587	1655	
Sand	1655	1715	
Shale	1715	1756	
Sand	1756	1770	
Shale	1770	1857	
Sand	1857	1915	
Slate & Shells	1915	2177	
Little lime	2177 <sup>.</sup>	2195	
Slate & Shells	2195	2230	
Big Lime	2230	2375	
Big Injun Sand	2375	2536	
TD	2536		



