WR-35 Rev (9-11)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	4/5/2012	
API#:	47-085-09912	_

Farm name; Ersel D Goff Estate	_ Operator We	ll No.: W-1614		· · · · · · · · · · · · · · · · · · ·	
LOCATION: Elevation: 686'	_ Quadrangle:	Quadrangle: Smithville			
District: Murphy	County: Ritch	nie			
Latitude: 930 Feet South of 39 Deg	. <u>5</u> Mii	1. <u>00</u> Se			
Longitude 7100 Feet West of 81 Deg	g. ⁰² Mir	1. 30 Se	ec.		
Company: Haught Energy Corporation	_	_			
Address: HC 68 Box 14	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Smithville, WV 26178	13-3/8"	42'	42'		
Agent: Warren R. Haught	9-5/8"	382'	382'	To Surface	
Inspector: David Cowan	7"	1682'	1682'	To Surface	
Date Permit Issued: March 10, 2011	4-1/2"	5788'	5788'	3726' (128 Sks)	
Date Well Work Commenced: 08/30/2011					
Date Well Work Completed: 4/5/2012					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 5,790'					
Total Measured Depth (ft): 5,804'					
Fresh Water Depth (ft.): 19'					
Salt Water Depth (ft.): None					
Is coal being mined in area (N/Y)? No					
Coal Depths (ft.): None					
Void(s) encountered (N/Y) Depth(s) None					
OPEN FLOW DATA (If more than two producing formation Producing formation Benson/Alexander Pay Gas: Initial open flow show MCF/d Oil: Initial open Final open flow MCF/d Final open flow Time of open flow between initial and final tests 12 Static rock Pressure 800 psig (surface pressure) a	zone depth (ft) flow B w B Hours	4754', 5350' bl/d bl/d	lata on separate s	sheet)	
Second producing formation Elk/ Hamilton Pay zo Gas: Initial open flow how MCF/d Oil: Initial open flow 100 MCF/d Final open flow		bl/d bl/d			
Time of open flow between initial and final tests ¹²	WBt				
Static rock Pressure 800 psig (surface pressure) a					
certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those indicate the information is true, accurate, and complete.	ividuals immedi				
Warran A. Signature	Hang Kl	<u> </u>	<u>/5//2</u> Date		

Were core samples taken? YesNo^	Were cu	ıttings caught durii	ng drilling? Yes_	No			
Were Electrical, Mechanical or Geophysical logs recorded of	on this well? If y	es, please list Gamn	na Ray, Neutron, Density	, Induction, Temp., Audio			
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.							
Perforated Intervals, Fracturing, or Stimulating:							
Perforated by Superior Well Services 9/15/2011							
Perforations at: 4754' - 4763'; 5146' - 5155'; 53	323' - 5472' ;	5616 - 5761					
Fractured by Universal Well Services 9/16/2011							
Stage Nitrogen Frac totaling 1,950,000 cubic for			PVL .				
Plug Back Details Including Plug Type and Depth(s):							
Formations Encountered: To Surface:	p Depth	ſ	Botte	om Depth			
See attached worksheet		hahit sa		·····			
			· · · · · · · · · · · · · · · · · · ·				
,							
			· .				
							

Goff W-1614 API # 47-085-09912

Formation	Тор	Bottom	Remarks
Red Rock & Shale	0	350	
Sand	350	378	
Red Rock	378	454	
Sand	454	475	
Red Rock	475	535	
Slate	535	692	
Dunkard Sand	692	702	
Slate & Shells	702	924	
Gas Sand	924	1044	
Slate	1044	1102	
1st Sait Sand	1102	1168	
Shale	1168	1210	
2nd Salt Sand	1210	1234	
Shale	1234	1260	
3rd Salt Sand	1260	1372	
Slate	1372	1451	***************************************
Maxon Sand	1451	1485	
Shale	1485	1554	
Little lime	1554	1575	
Pencil Cave	1575	1584	
Big Lime	1584	1696	
Big Injun Sand	1696	1784	
Slate Break	1784	1834	
Squaw Sand	1834	1840	
Slate & Shells	2113	2136	7/10/
Coffee Shale	2136	2164	
Berea Sand	2164	2173	
Slate & Shells	2173	2547	***************************************
Sand	2547	2558	
Slate & Shells	2558	2646	
Gordon	2646	2657	1
Slate & Shells	2889	4742	and the state of t
Benson Sand	4742	4764	
Slate & Shells	4764	5145	
Alexander Sand	5145	5155	
Slate & Shells	5155	5323	
Shelis & Shale	5323	5472	
Slate & Shells	5472	5614	
Elk	5614	5621	
Slate & Shells	5621	5710	100
Hamilton	5710	5761	
TD	5804		