WR-35 Rev (9-11)

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

DATE:	11/15/2011	
API#:	47-085-09915	

Well Operator's Report of Well Work

Farm name: Lenore Smith		Operator Well No.: W-1622		Office of Oil & Gas	
LOCATION: Elevation: 1120'		Quadrangle: Smithville		NOV_1 8 2011	
	District: Murphy Latitude: 4700 Feet South of 39 Deg. Longitude 3160 Feet West of 81 Deg. Company: Haught Energy Corporation		. <u>30</u> Sec	WV Enviro	Department of nmental Protection
	Address: HC 68 Box 14	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	Smithville, WV 26178	13-3/8"	20'	20'	
1	Agent: Warren R. Haught	9-5/8"	340'	340'	To Surface
	Inspector: David Cowan	7"	2134'	2134'	To Surface
	Date Permit Issued: February 8, 2011	4-1/2"	5820'	5820'	3326' (160 Sks)
	Date Well Work Commenced: 4/1/2011				
	Date Well Work Completed: 8/16/2011				
	Verbal Plugging:				·
	Date Permission granted on:				
	Rotary Cable Rig V				
	Total Vertical Depth (ft): 5,850'				
	Total Measured Depth (ft): 5,848'				
	Fresh Water Depth (ft.): 100'				
	Salt Water Depth (ft.): None				
	Is coal being mined in area (N/Y)? No				
	Coal Depths (ft.): 620'				
	Void(s) encountered (N/Y) Depth(s) None				
(EN FLOW DATA (If more than two producing formation Producing formation Benson/Alexander Pay 2 Fas: Initial open flow show MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests 12 Static rock Pressure 1400 psig (surface pressure) after the producing formation of the producing formation of the producing formation open flow show the producing formation open flow pays and producing	one depth (ft) 4 ow - Bb y - Bb Hours	550', 5100' Dl/d l/d	a on separate s	heet)
		ne depth (ft) 570	00'		
(Gas: Initial open flow show MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow		ol/d		
	Time of open flow between initial and final tests 12	Hours	I/a		
S	Static rock Pressure 1400 psig (surface pressure) affi		rs		
I certif	y under penalty of law that I have personally examined a	and am familiar	with the inform	ation 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.

Wanes H. Daught
Signature

Were core samples taken? YesNo_X Were cuttings	caught during drilling? YesNo_X
Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, ple	ease list Gamma Ray, Neutron, Density, Induction, Temp., Audio
NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DET FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOM COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TO	E WELL LOG WHICH IS A SYSTEMATIC IS OF ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturing, or Stimulating:	
Perforated by Superior Well Services 4/25/2011 & 4/26/2011	
Perforations at: 4534' - 4559' ; 5014' - 5034' ; 5110' - 5122'; 5687' -	- 5707'; 5801' - 5828'
	RECEIVED
Fractured by Universal Well Services 04/26/2011	Office of Oil & Gas
3 Stage Nitrogen Frac totaling 1,900,000 cubic feet	NOV 1 8 2011
Plug Back Details Including Plug Type and Depth(s):	WV Department of Environmental Protecti
Formations Encountered: Top Depth / Surface:	Bottom Depth
See attached worksheet	-

Lenore Smith W-1622 API # 47-085-09915

Formation	Тор	Bottom	Remarks
Red Rock & Shale	0	625	
Sand	625	660	
Red Rock	660	752	
Sand	752	802	
Red Rock	802	948	
Slate	948	1022	
Dunkard Sand	1022	1096	
Slate & Shells	1096	1312	
Gas Sand	1312	1406	
Slate	1410	1470	
1st Salt Sand	1472	1534	
Shale	1534	1568	
2nd Salt Sand	1568	1588	
Shale	1588	1645	
3rd Salt Sand	1645	1765	
Slate	1760	1826	
Maxon Sand	1826	1860	
Shale	1860	1940	
Little lime	1940	1958	
Pencil Cave	1958	1970	Oil Smell
Big Lime	1970	2114	at 1900'
Big Injun Sand	2114	2156	41,1000
Slate Break	2152	2154	
Squaw Sand	2154	2158	
Slate & Shells	2158	2468	
Coffee Shale	2468	2504	***
Berea Sand	2504	2515	
Slate & Shells	2515	2756	V
Sand	2700	2756	
Slate & Shells	2756	2882	
Gordon	2882	2900	
Slate & Shells	2952	4578	
Benson Sand	4518	4545	
Slate & Shells	4545	4993	
Shale	4993	5012	
Slate & Shells	5012	5079	
Alexander Sand	5079	5105	
Slate & Shells	5105	5482	
Sand	5482	5503	
Slate & Shells	5503	5650	· · · · · · · · · · · · · · · · · · ·
Hamilton Shale	5732	5748	
Slate & Shells	5748	5846	
TD	5846		
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