

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

DATE: 11/11/2011
API #: 47-085-09906

Farm name: Bradley S. and Paula L. Mularcik Operator Well No.: W-1605

LOCATION: Elevation: 1102' Quadrangle: Smithville

District: Murphy County: Ritchie
Latitude: 2840 Feet South of 39 Deg. 07 Min. 30 Sec.
Longitude 4110 Feet West of 81 Deg. 02 Min. 30 Sec.

Company: Haight Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
HC 68 Box 14 Smithville, WV 26178	13-3/8"	30'	30'	
Agent: Warren R. Haight	9-5/8"	376'	376'	To Surface
Inspector: David Cowan	7"	2041'	2041'	To Surface
Date Permit Issued: December 14, 2010	4-1/2"	5777'	5777'	3782' (126 Sks)
Date Well Work Commenced: 12/22/2010				
Date Well Work Completed: 06/03/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 5,777'				
Total Measured Depth (ft): 5,800'				
Fresh Water Depth (ft.): 75'				
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 formations please include additional data on separate sheet)

Producing formation Benson/Alexander Pay zone depth (ft) 4590', 5160'

Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d

Final open flow 150 MCF/d Final open flow - Bbl/d

Time of open flow between initial and final tests 12 Hours

Static rock Pressure 800 psig (surface pressure) after 24 Hours

Second producing formation Hamilton Shale Pay zone depth (ft) 5740'

Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d

Final open flow 75 MCF/d Final open flow - Bbl/d

Time of open flow between initial and final tests 12 Hours

Static rock Pressure 800 psig (surface pressure) after 24 Hours

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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.

Warren R. Haight
Signature

11/11/11
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Gamma 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 Timco Wireline Services 3/10/2011 & 2/14/2011

Perforations at: 4580' - 4598' ; 5152' - 5166' ; 5562' - 5568'; 5734' - 5750'

Fractured by Universal Well Services 02/14/2011

3 Stage Nitrogen Frac totaling 2,100,000 cubic feet

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	/	Bottom Depth
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See attached worksheet

Baker W-1605
API # 47-085-09906

Formation	Top	Bottom	Remarks
Red Rock & Shale	0	630	
Sand	630	665	
Red Rock	665	745	
Sand	745	765	
Red Rock	765	830	
Slate	1030	1095	
Dunkard Sand	1095	1110	
Slate & Shells	1110	1320	
Gas Sand	1320	1415	
Slate	1415	1475	
1st Salt Sand	1475	1536	
Shale	1536	1572	
2nd Salt Sand	1572	1592	
Shale	1592	1650	
3rd Salt Sand	1650	1760	
Slate	1760	1825	
Maxon Sand	1825	1865	
Shale	1865	1945	
Little lime	1945	1962	
Pencil Cave	1962	1974	Slight Gas Show
Big Lime	1974	2116	at 1945'
Big Injun Sand	2116	2158	
Slate Break	2158	2170	
Squaw Sand	2170	2180	Gas Smell
Slate & Shells	2180	2510	at 2150'
Coffee Shale	2510	2548	
Berea Sand	2548	2552	
Slate & Shells	2552	2724	
Sand	2724	2794	
Slate & Shells	2794	2868	
Sand	2868	2940	
Gordon	2940	2952	
Slate & Shells	2952	4578	
Benson Sand	4578	4600	
Slate & Shells	4600	5150	
Alexander Sand	5150	5166	
Slate & Shells	5166	5434	
Sand	5434	5460	
Slate & Shells	5460	5732	
Hamilton Shale	5732	5748	Gas Show 5550'
TD	5777		