

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: 7/31/2012  
API #: 47-085-09935

Farm name: James D. Roberts & Deborah L. Yocum Operator Well No.: W-1633

LOCATION: Elevation: 980' Quadrangle: Smithville

District: Murphy County: Ritchie  
Latitude: 8580 Feet South of 39 Deg. 07 Min. 30 Sec.  
Longitude 4550 Feet West of 61 Deg. 05 Min. 00 Sec.

Company: Haight Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
12864 Staunton Turnpike Smithville, WV 26178	13-3/8"	40'	40'	
Agent: Warren R. Haight	9-5/8"	357'	357'	Surface (100 Sks)
Inspector: David Cowan	7"	1905'	1905'	Surface (315 Sks)
Date Permit Issued: September 15, 2011	4-1/2"	5710'	5710'	4000' (114 Sks)
Date Well Work Commenced: 11/01/2011				
Date Well Work Completed: 7/29/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 5,750'				
Total Measured Depth (ft): 5,756'				
Fresh Water Depth (ft.): 170'				
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) 4400', 4950'  
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d  
Final open flow 200 MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 1000 psig (surface pressure) after 24 Hours

Second producing formation Hamilton Shale Pay zone depth (ft) 5600'  
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d  
Final open flow 100 MCF/d Final open flow - Bbl/d  
Time of open flow between initial and final tests 12 Hours  
Static rock Pressure 1000 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

8/6/12  
Date

08/17/2012

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 Superior Well Services 12/19/2011

Perforations at: 4396' - 4420' ; 4943' - 4959' ; 5514' - 5668'

Fractured by Universal Well Services 12/20/2011

3 Stage Nitrogen Frac totaling 1,900,000 cubic feet

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		

See attached worksheet

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Formation	Top	Bottom	Remarks
Red Rock & Shale	0	650	
Sand	650	690	
Red Rock	690	770	
Sand	770	790	
Red Rock	790	910	
Slate	910	975	
Dunkard Sand	975	990	
Slate & Shells	990	1225	
Gas Sand	1225	1334	
Slate	1334	1398	
1st Salt Sand	1398	1455	
Shale	1455	1496	
2nd Salt Sand	1496	1518	
Shale	1518	1542	
3rd Salt Sand	1542	1667	
Slate	1667	1740	
Maxon Sand	1740	1770	Oil and Gas Smell
Shale	1770	1855	at 1790'
Little lime	1855	1872	
Pencil Cave	1872	1884	
Big Lime	1884	1996	
Big Injun Sand	1996	2010	
Slate Break	2010	2028	
Squaw Sand	2028	2048	
Slate & Shells	2048	2430	
Coffee Shale	2430	2466	
Berea Sand	2470	2495	
Slate & Shells	2495	2750	
Gordon	2750	2774	
Slate & Shells	2774	4403	
Benson Sand	4403	4432	
Slate & Shells	4432	4868	
Upper Alexander Sand	4868	4890	
Slate & Shells	4890	4950	
Lower Alexander Sand	4950	4970	
Slate & Shells	4970	5360	
Sand	5360	5370	
Slate & Shells	5370	5510	
Hamilton Shale	5510	5536	
Slate & Shells	5536	5618	
Shale	5618	5756	
TD	5756		

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