

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: 6/1/2012  
API #: 47-085-09942

Farm name: Janet Blizard Operator Well No.: W-1627

LOCATION: Elevation: 922 Quadrangle: Auburn

District: Union County: Ritchie  
Latitude: 6220 Feet South of 39 Deg. 07 Min. 30 Sec.  
Longitude 830 Feet West of 80 Deg. 50 Min. 00 Sec.

Company: Haught 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"	40'	40'	
Agent: Warren R. Haught	9-5/8"	338'	338'	To Surface
Inspector: David Cowan	7"	1738'	1738'	To Surface
Date Permit Issued: December 14, 2010	4-1/2"	6138'	6138'	3650' (148 Sks)
Date Well Work Commenced: 1/04/2012				
Date Well Work Completed: 06/1/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6,280				
Total Measured Depth (ft): 6,058'				
Fresh Water Depth (ft.): 110'				
Salt Water Depth (ft.): NA				
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) 4850' - 5350'

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 1250 psig (surface pressure) after 24 Hours

Second producing formation Hamilton Shale Pay zone depth (ft) 5750' - 5975'

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 1250 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. Haught  
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 Wireline Services 4/16/2012 - 4/17/2012

Perforations at: 4830'-4890' ; 5345' - 5365' ; 5750' - 5985'

Fractured by Universal Well Services 04/17/2012

3 Stage Nitrogen Frac totaling 1,725,000 cubic feet

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

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached worksheet

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Sheets W-1627  
API # 47-085-09942

Formation	Top	Bottom	Remarks
Red Rock & Shale	0	625	
Sand	625	630	
Red Rock	630	695	
Sand	695	724	
Red Rock	724	790	
Slate	790	985	
Dunkard Sand	985	1012	
Slate & Shells	796	1010	
Gas Sand	1010	1102	
Slate	1102	1170	
1st Salt Sand	1170	1240	
Shale	1240	1272	
2nd Salt Sand	1272	1298	
Shale	1298	1354	
3rd Salt Sand	1354	1450	
Slate	1450	1562	
Maxon Sand	1562	1585	
Shale	1585	1642	
Little lime	1642	1658	
Pencil Cave	1658	1664	
Big Lime	1664	1798	Gas Smell at 1880'
Big Injun Sand	1798	1880	
Slate Break	1880	1930	
Slate & Shells	1930	2004	
Coffee Shale	2004	2073	
Slate & Shells	2073	2100	
Sand	2100	2120	
Slate & Shells	2120	3080	
Gordon	3080	3088	
Slate & Shells	3088	3192	
Gordon Stray	3192	3088	
Slate & Shells	3088	4004	
Riley	4004	4018	
Slate & Shells	4018	4226	
Benson Sand	4226	4252	
Slate & Shells	4252	4850	
Devonian Shale	4850	4874	
Slate & Shells	4874	5360	
Shale	5360	5370	
Slate & Shells	5370	5990	
Hamilton Shale	5990	5999	
Slate & Shells	5999	6134	
Eik	6134	6189	
TD	6280		

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