

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

DATE: 11/14/2011  
API #: 47-085-09908

Farm name: Marion Roby Operator Well No.: W-1620

LOCATION: Elevation: 1011' Quadrangle: Harrisville

District: Murphy County: Ritchie  
Latitude: 12120 Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude 7970 Feet West of 81 Deg. 02 Min. 30 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				
Agent: <u>Warren R. Haught</u>	9-5/8"	21'	21'	To Surface
Inspector: <u>David Cowan</u>	7"	369'	381'	To Surface
Date Permit Issued: <u>December 20, 2010</u>	4-1/2"	1678'	1678'	To Surface
Date Well Work Commenced: <u>12/29/2010</u>				
Date Well Work Completed: <u>05/01/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>2,120'</u>				
Total Measured Depth (ft): <u>2,120'</u>				
Fresh Water Depth (ft.): <u>260'</u>				
Salt Water Depth (ft.): <u>None</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>1470', 1508'</u>				
Void(s) encountered (N/Y) Depth(s) <u>None</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Big Injun/Maxton Pay zone depth (ft) 1790' - 2000'

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

Final open flow 50 MCF/d Final open flow - Bbl/d

Time of open flow between initial and final tests 12 Hours

Static rock Pressure 300 psig (surface pressure) after 24 Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

RECEIVED  
Office of Oil & Gas  
NOV 17 2011  
WV Department of  
Environmental Protection

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

11/14/11  
Date

Were core samples taken? Yes \_\_\_\_\_ No

Were cuttings caught during drilling? Yes \_\_\_\_\_ No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list None

**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:

None, Naturally producing well.

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

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

See attached worksheet

Roby W-1620  
 API # 47-085-09908

Formation	Top	Bottom	Remarks
Red Rock & Shale	0	505	
Sand	505	550	
Red Rock	550	725	
Sand	725	745	
Red Rock	745	810	
Slate and Shells	810	1010	
Dunkard Sand	1010	1028	
Slate & Shells	1028	1244	
Gas Sand	1244	1336	
Slate & Shells	1336	1414	
Gas Sand #2	1414	1480	
Shale	1480	1526	
1st Salt Sand	1526	1530	
Shale	1530	1550	
2nd Salt Sand	1550	1600	
Slate	1600	1752	
Maxton Sand	1752	1782	Oil and Gas Smell at 1790'
Shale	1782	1928	
Big Lime	1928	2024	
Big Injun Sand	2024	2058	
Slate Break	2058	2120	
TD	2120		