CR

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: 7/25/2012
API #: 47-103-02555

Farm name: Hall, Ronald L & R. Kevin Operator Well No.: W-1617

LOCATION: Elevation: 1156' Quadrangle: Pine Grove

District: Green County: Wetzel
Latitude: 14370 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude 4680 Feet West of 80 Deg. 40 Min. 00 Sec.

Company: Haught Energy Corporation

Address: HC 68 Box 14	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Smithville, WV 26178	20"	20'	20'	Sanded In
Agent: Warren R. Haught	13-3/8"	340'	340'	To Surface (175 sks)
Inspector: Dave Scranage	9-5/8"	1271'	1271'	To Surface (312 Sks)
Date Permit Issued: April 6, 2010	7"	2418'	2418'	1,500' F/U (75 Sks)
Date Well Work Commenced: 4/6/2010	4-1/2"	7114'	7114'	2,000' F/U (165 Sks)
Date Well Work Completed: 08/7/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary ☐ Cable ☐ Rig ☑				
Total Vertical Depth (ft): 7118'				
Total Measured Depth (ft): 7116'				
Fresh Water Depth (ft.): 40' & 125'				
Salt Water Depth (ft.): 1760'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 465', 550', 938', 1760'				
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 Marcellus Pay zone depth (ft) 7075
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 750 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 3000 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

JUL 30 2012

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

7/26/12
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 June 17, 2010 - 81 Perforations from 7066' to 7086'

Fractured by Universal August 30, 2010 - 8,329 Bbl's water , sand - 947 Sks 80/100 & 3804 Sks 40/80

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

Formations Encountered: Top Depth / Bottom Depth
Surface:

See attached worksheet

08/17/2012

Kirk W - 1617

API # 47-103-02555

Formation	Top	Bottom	Remarks
Red Rock and Sands	0	1120	
Dunkard Sand	1120	1139	
Slate & Shells	1139	1351	
Gas Sand	1351	1442	
Slate	1442	1508	
1st Salt Sand	1508	1580	
Shale	1580	1615	
2nd Salt Sand	1615	1645	
Shale	1645	1748	
Coal Seam	1748	1765	
Shale	1765	2030	
Little lime	2030	2052	
Slate & Shells	2052	2065	
Big Lime	2065	2226	
Big Injun Sand	2226	2302	
Slate Break	2302	2317	
Slate & Shells	2317	2742	
Berea	2742	2765	
Slate & Shells	2765	2998	
Gordon	2968	3050	
Slate & Shells	3050	3190	
Miscellaneous Sand	3190	4340	
Slate & Shells	4340	4660	
Miscellaneous Sand	4657	4670	
Slate & Shells	4902	5215	
Benson Sand	5215	5230	
Slate & Shells	5230	5450	
Alexander	6306	6407	
Slate & Shells	6407	6679	
Devonian Shale	6679	6690	
Slate & Shells	6690	6818	
Rhinestreet	6818	6862	
Slate & Shells	6862	6921	
Gennessee	6921	6950	
Tully Lime	6950	7020	
Marcellus	7020	7098	
Onondaga Lime	7098	7116	
TD	7116		

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