

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 #: 47-103-02578

Farm name: Dominic J & D Michelle Kowalski Operator Well No.: W-1618

LOCATION: Elevation: 1306' Quadrange: Center Point

District: Green County: Wetzel
Latitude: 3030 Feet South of 39 Deg. 30 Min. 00 Sec.
Longitude 4820 Feet West of 80 Deg. 42 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	20"	25'	25'	Sanded In
Agent: Warren R. Haught	13-3/8"	380'	380'	To Surface (298 sks)
Inspector: Dave Scranage	9-5/8"	1275'	1275'	To Surface (400 Sks)
Date Permit Issued: September 16, 2010	7"	2576'	2576'	1000' F/U (200 Sks)
Date Well Work Commenced: 11/29/2010				
Date Well Work Completed: 07/24/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 2576'				
Total Measured Depth (ft): 2336'				
Fresh Water Depth (ft.): 140'				
Salt Water Depth (ft.): NA				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): NA				
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 Big Injun Pay zone depth (ft) 2330
Gas: Initial open flow show MCF/d Oil: Initial open flow Show Bbl/d
Final open flow 10 MCF/d Final open flow show Bbl/d
Time of open flow between initial and final tests 24 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

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, Bond Logs

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.

JUL 30 2011

Perforated Intervals, Fracturing, or Stimulating:

Perforated by Superior Well Services May 27, 2011 - 20 Perforations 2288' to 2298'

- 20 Perforations 2326' to 2336'

Fractured by Universal - Foam Frac - 186 Barrels fresh water, 640,000 Cubic Feet of Nitrogen, 135 sks 20/40 Sand

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

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

See attached worksheet

08/17/2012

Kowalski W-1618
API # 47-103-02578

Formation	Top	Bottom	Remarks
Red Rock and Sands	0	1285	
Dunkard Sand	1285	1302	
Slate & Shells	1302	1516	
Gas Sand	1516	1598	
Slate	1598	1650	
1st Salt Sand	1650	1720	
Shale	1720	1752	
2nd Salt Sand	1752	1784	
Shale	1784	1880	
Coal Seam	1880	1902	
Shale	1902	2155	
Little lime	2155	2172	
Slate & Shells	2172	2184	
Big Lime	2184	2312	
Big Injun Sand	2312	2434	
Slate & Shells	2434	2576	
TD	2576		

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JUL 30 2012

08/17/2012