

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: 1/12/2015
API #: 47-085-10131

Farm name: Jed Rollins & Jefferson Rollins Operator Well No.: W-1651

LOCATION: Elevation: 977' Quadrangle: Harrisville

District: Murphy County: Ritchie
Latitude: 12110 Feet South of 39 Deg. 12 Min. 30 Sec.
Longitude 5680 Feet West of 81 Deg. 02 Min. 30 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"	336'	336'	Surface (120 Sks)
Inspector: David Cowan	7"	2107'	2107'	Surface (300 Sks)
Date Permit Issued: July 16, 2014	4-1/2"	6104'	6104'	2300' (160 Sks)
Date Well Work Commenced: 9/16/2014				
Date Well Work Completed: 1/05/2015				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6,132'				
Total Measured Depth (ft): 6,109'				
Fresh Water Depth (ft.): 55'				
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) 4430'-4940'
Gas: Initial open flow 50 MCF/d Oil: Initial open flow - Bbl/d
Final open flow 250 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 1500 psig (surface pressure) after 24 Hours

Second producing formation Hamilton Shale Pay zone depth (ft) 5990'-5860'
Gas: Initial open flow show MCF/d Oil: Initial open flow - Bbl/d
Final open flow 150 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 1500 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

1/12/15
Date

01/23/2015

85-10131

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 10/15/2014

Perforations at: 4436' - 4456' ; 4636' - 4640' ; 4934' - 4938'; 5590' - 5600'; 5680' - 5739'; 5850' - 5856'

Fractured by Universal Well Services 10/16/2014

3 Stage Nitrogen Frac totaling 2,400,000 cubic feet

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

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

See attached worksheet

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Rollins W-1651
API # 47-085-10131

Formation	Top	Bottom	Remarks
Red Rock & Shale	0	559	
Sand	559	594	
Red Rock	594	674	
Sand	674	694	
Red Rock	694	759	
Slate	759	874	
Dunkard Sand	874	994	
Slate & Shells	994	1219	
Gas Sand	1219	1334	
Slate	1334	1394	
1st Salt Sand	1394	1455	
Shale	1455	1494	
2nd Salt Sand	1494	1513	
Shale	1513	1539	
3rd Salt Sand	1539	1654	
Slate	1654	1739	
Maxon Sand	1739	1774	
Shale	1774	1849	
Little lime	1849	1871	
Pencil Cave	1871	1883	
Big Lime	1883	1981	
Big Injun Sand	1981	2029	
Slate Break	2029	2034	
Squaw Sand	2034	2042	
Slate & Shells	2042	2393	
Berea Sand	2393	2419	
Slate & Shells	2419	2767	
Gordon	2767	2793	
Slate & Shells	2793	4424	
Riley	4424	4449	
Slate & Shells	4449	4621	
Benson Sand	4621	4625	
Slate & Shells	4625	4915	
Alexander Sand	4915	4929	
Slate & Shells	4929	5551	
Hamilton Shale	5551	5587	
Slate & Shells	5587	5627	
Elk	5627	5695	
Slate & Shells	5695	6024	
Marcellus	6024	6100	
Onandoga lime	6100	6132	
TD	6132		

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