

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: 8/12/2013
API #: 47-095-02048

✓

Farm name: James L. & Marilyn L. Kleeh Operator Well No.: W-1637

LOCATION: Elevation: 1170' Quadrangle: Porters Falls

District: Ellsworth County: Tyler
Latitude: 13830 Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 11840 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: Haight Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>12864 Staunton Turnpike</u>				
<u>Smithville, WV 26178</u>	<u>13-3/8"</u>	<u>39'</u>	<u>39'</u>	
<u>Agent: Warren R. Haight</u>	<u>9-5/8"</u>	<u>377'</u>	<u>377'</u>	<u>To Surface</u>
<u>Inspector: Joe Taylor</u>	<u>7"</u>	<u>2035'</u>	<u>2035'</u>	<u>To Surface</u>
<u>Date Permit Issued: March 26, 2012</u>	<u>4-1/2"</u>	<u>3019'</u>	<u>3019'</u>	<u>1100' (70 Sks)</u>
<u>Date Well Work Commenced: 4/20/2012</u>				
<u>Date Well Work Completed: 06/01/2012</u>				
<u>Verbal Plugging:</u>				
<u>Date Permission granted on:</u>				
<u>Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/></u>				
<u>Total Vertical Depth (ft): 3020'</u>				
<u>Total Measured Depth (ft): 3020'</u>				
<u>Fresh Water Depth (ft.): 380'</u>				
<u>Salt Water Depth (ft.): 1910'</u>				
<u>Is coal being mined in area (N/Y)? No</u>				
<u>Coal Depths (ft.): None</u>				
<u>Void(s) encountered (N/Y) Depth(s) None</u>				

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

Producing formation Weir/ Berea Pay zone depth (ft) 2920'-2880'

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 72 Hours

Static rock Pressure 350 psig (surface pressure) after 12 Hours

Second producing formation Gordon/ Gordon Stray Pay zone depth (ft) 2866'-2888'

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 72 Hours

Static rock Pressure 350 psig (surface pressure) after 12 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, AGENT
Signature

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95-02048

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 Nabors Well Services - 22 Perfs from 2522' - 2721' & 23 Perfs from 2866' -2988'

Fractured by Universal Well Services - 200 Bbl's 60 Q Foam with 1,300,000 SCF Nitrogen

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

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached worksheet

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Office of Oil and Gas
WV Dept. of Environmental Protection

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Sherwood W-1627
 API # 47-095-02048

9502048

Formation	Top	Bottom	Remarks
Red Rock & Shale	0	505	
Sand	505	526	
Red Rock	526	858	
Sand	858	884	
Red Rock	884	992	
Slate	992	1150	
Dunkard Sand	1150	1171	
Slate & Shells	1171	1390	
Gas Sand	1390	1485	
Slate	1485	1552	
Sand	1552	1616	
Shale	1616	1650	
Sand	1650	1675	
Shale	1675	1732	
Sand	1732	1848	
Slate	1848	1951	
Little lime	1951	1971	
Big Lime	1971	2064	
Big Injun Sand	2064	2360	
Slate Break	2360	2432	
Squaw Sand	2432	2442	
Slate & Shells	2442	2520	
Weir	2520	2588	
Slate & Shells	2588	2715	
Berea Sand	2715	2736	
Slate & Shells	2736	2818	
Gordon Stray	2818	2823	
Slate & Shells	2823	2908	
Gordon	2908	2918	
Slate & Shells	2918	2978	
Sand	2978	2994	
Slate & Shells	2994	3020	
TD	3020		

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