

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: 4/3/2013
API #: 47-033-05448-00

Farm name: Stamm, Jeffrey O. Operator Well No.: Hustead South 1H

LOCATION: Elevation: 1247' Quadrangle: Salem

District: Tennile County: Harrison
Latitude: 45⁸ Feet South of 39 Deg. 17 Min. 30 Sec.
Longitude: 7⁸ Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Hall Drilling Co., LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>P.O. Box 249</u> <u>Ellenboro, WV 26346</u>	<u>20" 94#</u>	<u>35'</u>	<u>35'</u>	<u>67 Cu. Ft. Class A</u>
Agent: <u>Mike Hall</u>	<u>13-3/8" 54.5#</u>	<u>445'</u>	<u>445'</u>	<u>642 Cu. Ft. Class A</u>
Inspector: <u>Tristan Jenkins</u>	<u>9-5/8" 38#</u>	<u>3086'</u>	<u>3086'</u>	<u>1273 Cu. Ft. Class A</u>
Date Permit Issued: <u>7/14/2010</u>	<u>5-1/2" 20#</u>	<u>14,072'</u>	<u>14,072'</u>	<u>3308 Cu. Ft. Class H</u>
Date Well Work Commenced: <u>7/19/2010</u>				
Date Well Work Completed: <u>10/08/2010</u>	<u>2-3/8" 4.7#</u>	<u>7459'</u>		
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>	Cement Plug	Top	Bottom	
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>		<u>470'</u>	<u>723'</u>	
Total Vertical Depth (ft): <u>7376' TVD (deepest point drilled)</u>				
Total Measured Depth (ft): <u>14,090' MD, 7332' TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>est. 70'</u>				
Salt Water Depth (ft.): <u>est 1600'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>377', 665', 945'</u>				
Void(s) encountered (N/Y) Depth(s) <u>N, N/A</u>				

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

Producing formation Marcellus Pay zone depth (ft) 7354' TVD (Top)

Gas: Initial open flow _____ MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 6,228 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests N/A Hours

Static rock Pressure 3800 psig (surface pressure) after _____ 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.

MT Hall V.P.
Signature

4-3-13
Date

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33.05448

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 Yes- CBL

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:

Perforations: 7770' - 13,992' MD (900 holes)

Frac'd w/160,001 bbls Slick Water carrying 3,099,843# 80/100, 20/40 and 30/50 sand.

Plug Back Details Including Plug Type and Depth(s): N/A

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
Speechley	3874'	4131'
Balltown	4132'	4656'
Bradford	4657'	5211'
Benson	5212'	5478'
Alexander	5479'	5697'
Elk	5698'	6212'
Rhinestreet	6213'	6758'
Sycamore	6759'	7018'
Middlesex	7019'	7176'
Burket	7177'	7201'
Tully	7202'	7353'
Marcellus	7354'	7376' TVD

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