

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 1-18-2012
API #: 47-097-03708

Farm name: Tall Trees Operator Well No.: 8H (831679)

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LOCATION: Elevation: 1,664' Quadrangle: Rock Cave

APR 3 2012

District: Banks County: Upshur
Latitude: 4,196' Feet South of 38 Deg. 47 Min. 30 Sec. WV GEOLOGICAL SURVEY
Longitude 4,940 Feet West of 80 Deg. 20 Min. 00 Sec. MORRISTOWN, WV

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	20'	20'	driven
Agent: Eric Gillespie	13 3/8"	470'	470'	480 cf
Inspector: David Jackson	9 5/8"	2162'	2162'	962 cf
Date Permit Issued: 10/27/2010	5 1/2"	11888'	11888'	1796 cf
Date Well Work Commenced: 7/18/2010				
Date Well Work Completed: 1/13/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,932'				
Total Measured Depth (ft): 11,887'				
Fresh Water Depth (ft.): 350'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 7,179'-11,741'

Gas: Initial open flow 2,713 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 3,119 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.

Marlene Williams
Signature

4-2-2012
Date

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 GR, neutron, density, resistivity

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.

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Perforated Intervals, Fracturing, or Stimulating:

APR 8 2012

(See Attached)

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Plug Back Details Including Plug Type and Depth(s): Cement @ 11,786'

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

(See Attached)

LITHOLOGY	TOP DEPTH (FT)	BOTTOM DEPTH (FT)
SLTSTN / SHALE	0	1250
BIG LIME	1250	1270
SLTSTN / SHALE	1270	1470
BIG INJUN	1470	1518
SHALE / SLTSTN	1518	1772
GORDON	1772	1800
SLTSTN / SHALE	1800	2152
SHALE / SLTSTN	2152	3822
BENSON	3822	3830
SLTSTN / SHALE	3830	6704
GENESEO	6704	6757
TULLY	6757	6842
HAMILTON	6842	6891
MARCELLUS	6891	11887

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MORGANTHAU, WV

