

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

DATE: 2-21-2012
API #: 47-069-00081

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Farm name: Gary Kestner 3H Operator Well No.: 833341

LOCATION: Elevation: 1290' Quadrangle: Bethany, WV

APR 3 2012

District: Liberty County: Ohio
Latitude: 9880 Feet South of 40 Deg. 10 Min. 00 Sec.
Longitude 5620 Feet West of 80 Deg. 30 Min. 00 Sec.

WV GEOLOGICAL SURVEY
MORGANTOWN, 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"	100'	100'	Driven
Agent: Eric Gillespie	13 3/8"	696'	696'	680 cf
Inspector: Bill Hendershot	9 5/8"	2167'	2167'	1018 cf
Date Permit Issued: 5/5/2011	5 1/2"	12495'	12495'	3146 cf
Date Well Work Commenced: 6/7/2011				
Date Well Work Completed: 2/6/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,381'				
Total Measured Depth (ft): 12,495'				
Fresh Water Depth (ft.): 30'				
Salt Water Depth (ft.): 1035'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 658'				
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) 6,743'-12,350'

Gas: Initial open flow 1,121 MCF/d Oil: Initial open flow 126 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 4,148 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 induction, GR, density, neutron

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:

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(See Attached)

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MORGANTOWN, WV

Plug Back Details Including Plug Type and Depth(s): **Cement @ 12,375'**

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

(See Attached)

LITHOLOGY	TOP DEPTH (FT)	BOTTOM DEPTH (FT)
LS / SHALE	0	250
SS / SHALE	250	500
LS / SHALE	500	658
PITTSBURGH COAL	658	670
SS	670	1723
BIG INJUN	1723	1987
SHALE	1987	3350
SHALE / SS	3350	3380
SHALE	3380	6267
GENESE0	6267	6290
TULLY	6290	6340
HAMILTON	6340	6605
MARCELLUS	6605	12494

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MORGANTOWN, WV

