

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

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

LOCATION: Elevation: 1290' Quadrangle: Bethany, WV

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.

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 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2167'	2167'	1018 Cu. Ft.
Date Permit Issued: 5/5/2011	5 1/2"	12495'	12495'	11135 Cu. Ft.
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): 6,423'				
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 0 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 1,121 MCF/d Final open flow 126 Bbl/d

Time of open flow between initial and final tests 64 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

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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.

Marlene Williams
Signature

7-30-2012
Date

08/17/2012

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.

Perforated Intervals, Fracturing, or Stimulating:

(See Attached)

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

Formations Encountered:	Top Depth	/	Bottom Depth
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Surface:

(See Attached)

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LATERAL SIDETRACK WELLBORE (no pilot hole associated with this pad)				
Maximum TVD of wellbore:	6438.47 ft TVD @ 6738 ft MD			
Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS / SHALE	0	0	250	250
SS/SHALE	250	250	500	500
LS / SHALE	500	500	658	658
PITTSBURGH COAL	658	658	670	670
SS	670	670	1723	1723
BIG INJUN	1723	1723	1987	1987
SHALE	1987	1987	3350	3350
SHALE / SS	3350	3350	3380	3380
SHALE	3380	3380	6267	6246
GENESEO	6267	6246	6290	6265
TULLY	6290	6265	6340	6303
HAMILTON	6340	6303	6605	6423
MARCELLUS	6605	6423		
END OF WELL			12494	6383

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[Faint, illegible text, possibly a signature or stamp]