

WR-35
Rev (9-11)

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

DATE: 7-9-2013
API #: 47-009-00154

Farm name: Thomas Parkinson BRK 8H Operator Well No.: 837060

LOCATION: Elevation: 1,160' Quadrangle: Bethany

District: Buffalo County: Brooke
Latitude: 6.330' Feet South of 40 Deg. 15 Min. 00 Sec.
Longitude 13.570' Feet West of 80 Deg. 32 Min. 30 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"	118'	118'	224 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	363'	363'	404 Cu. Ft.
Inspector: Bill Hendershot & Gayne J. Knitowski	9 5/8"	1,780'	1,780'	819 Cu. Ft.
Date Permit Issued: 2-8-2013	5 1/2"	12,667'	12,667'	3,020 Cu. Ft.
Date Well Work Commenced: 3-9-2013				
Date Well Work Completed: 6-30-2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6072				
Total Measured Depth (ft): 12671				
Fresh Water Depth (ft.): 183'				
Salt Water Depth (ft.): 640'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 318'				
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) Completing

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

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 Weir
Signature

7-25-2013
Date

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Were core samples taken? Yes _____ No N

Were cuttings caught during drilling? Yes Y No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GR, neutron, density, and resistivity
Open hole logs run from 0-1800' MD; LWD GR from 5335-12671' MD.

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:

TIL 11-1-2013

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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See attached

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LATERAL WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 6072 ft TVD @ 12671 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SILT	0	0	318	318
PITTSBURG COAL	318	318	322	322
LS/SILT	322	322	440	440
SHALE	440	440	880	880
SS/SILT/SHALE	880	880	1090	1090
SHALE	1090	1090	1150	1150
SS	1150	1150	1240	1240
SHALE/SS	1240	1240	1330	1330
BIG LIME	1330	1330	1394	1394
BIG INJUN (SS)	1394	1394	1638	1638
SHALE	1638	1638	5828	5798
GENESEO (SH)	5828	5798	5846	5812
TULLY (LS)	5846	5812	5922	5868
HAMILTON (SH)	5922	5868	6164	5975
MARCELLUS (SH)	6164	5975		
TD OF LATERAL			12671	6072

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