

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

DATE: 1-31-2012
API #: 47-009-00090

Farm name: Margaret Corbin Operator Well No.: 5H (832967)

LOCATION: Elevation: 1150' Quadrangle: Bethany WV

District: Buffalo County: Brooke
Latitude: 6240' Feet South of 40 Deg. 15 Min. 00 Sec.
Longitude 6880' 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"	97'	97'	Driven
Agent: Eric Gillespie	13 3/8"	443'	443'	240 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	1794'	1794'	706 Cu. Ft.
Date Permit Issued: 2/4/2011	5 1/2"	11022'	11022'	5842 Cu. Ft.
Date Well Work Commenced: 4/29/2011				
Date Well Work Completed: 10/10/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,059'				
Total Measured Depth (ft): 11,030'				
Fresh Water Depth (ft.): 342'				
Salt Water Depth (ft.): 1100'				
Is coal being mined in area (N/Y)? None				
Coal Depths (ft.): 323				
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) 6,715'-10,897'

Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 1,614 MCF/d Final open flow 173 Bbl/d

Time of open flow between initial and final tests 27 Hours

Static rock Pressure 3,920 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
<u>Surface:</u>			

(see attached)

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LATERAL SIDETRACK WELLBORE (no pilot hole associated with this pad)

Maximum TVD of wellbore:	6078 ft TVD @ 7308 ft MD			
Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS and SS	0	0	200	200
Shale and LS	200	200	323	323
Pittsburgh Coal	323	323	335	335
LS and Shale	335	335	450	450
SS	450	450	1350	1350
Big Injun	1350	1350	1633	1633
Shale	1633	1633	2360	2360
Shale and SS	2360	2360	2490	2490
Shale	2490	2490	2900	2900
Shale and SS	2900	2900	3020	3020
Shale	3020	3020	3310	3310
Shale and minor SS	3310	3310	3370	3370
Shale	3370	3370	4900	4900
Shale and minor LS	4900	4900	6400	5952
Shale and LS	6400	5952	6600	6028
Shale	6600	6028	6715	6051
Geneseo	6715	6051	6730	6053
Tully	6730	6053	6780	6059
Marcellus	6780	6059		
End of Well			11030	6032

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