

Farm name: Brian Dytko OHI 10H Operator Well No.: 835791

LOCATION: Elevation: 1220.52' Quadrangle: Valley Grove

District: Triadelphia County: Ohio
Latitude: 6890' Feet South of 40 Deg. 02 Min. 30 Sec.
Longitude 4240' Feet West of 80 Deg. 35 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"	120'	120'	269 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	701'	701'	808 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2098'	2098'	926 Cu. Ft.
Date Permit Issued: 5-17-2012	5 1/2"	14,490'	14,490'	3924 Cu. Ft.
Date Well Work Commenced: 8-8-2012				
Date Well Work Completed: 12-19-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6473'				
Total Measured Depth (ft): 14500'				
Fresh Water Depth (ft.): 556'				
Salt Water Depth (ft.): 1000'				
Is coal being mined in area (N/Y)? Y				
Coal Depths (ft.): 632'				
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) 6,690-14,362

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

Final open flow Not Tested 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 Williams
Signature

2-1-2013
Date

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 _____
LWD GR from 5332-14500' 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:

See attached

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

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached

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PERFORATION RECORD ATTACHMENT

Well Number and Name: 835791 Brian Dytko OHI 10H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated	Type	Fluid		Propping Agent		Average Injection
	From	To				Amount	Type	Amount		
10/23/2012	13,947	14,362	12/5/2012	13,947	14,362	Slk wtr	9,658	Sand	551,700	79.6
12/5/2012	13,428	13,844	12/6/2012	13,428	13,844	Slk wtr	12,533	Sand	552,280	78.6
12/6/2012	12,910	13,345	12/7/2012	12,910	13,345	Slk wtr	11,920	Sand	666,540	79.9
12/7/2012	12,392	12,827	12/8/2012	12,392	12,827	Slk wtr	11,916	Sand	656,760	79.9
12/8/2012	11,874	12,309	12/9/2012	11,874	12,309	Slk wtr	12,159	Sand	668,700	80.1
12/9/2012	11,355	11,796	12/10/2012	11,355	11,796	Slk wtr	11,551	Sand	656,040	80
12/10/2012	10,837	11,272	12/11/2012	10,837	11,272	Slk wtr	11,765	Sand	665,010	80.2
12/11/2012	10,324	10,753	12/12/2012	10,324	10,753	Slk wtr	11,735	Sand	667,300	79.9
12/12/2012	9,800	10,235	12/13/2012	9,800	10,235	Slk wtr	11,616	Sand	662,560	79.9
12/13/2012	9,282	9,717	12/14/2012	9,282	9,717	Slk wtr	11,299	Sand	660,440	79.7
12/13/2012	8,763	9,198	12/15/2012	8,763	9,198	Slk wtr	12,208	Sand	661,400	78.2
12/15/2012	8,245	8,680	12/16/2012	8,245	8,680	Slk wtr	11,547	Sand	660,940	80
12/16/2012	7,725	8,162	12/17/2012	7,725	8,162	Slk wtr	11,718	Sand	660,780	80
12/17/2012	7,208	7,644	12/18/2012	7,208	7,644	Slk wtr	11,473	Sand	660,880	80
12/18/2012	6,690	7,125	12/19/2012	6,690	7,125	Slk wtr	11,753	Sand	657,820	80

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

Maximum TVD of wellbore: 6473 ft TVD @ 14045 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/LS	0	0	520	520
LS/SS	520	520	632	632
Pittsburg Coal	632	632	637	637
LS/SS	637	637	680	680
SS/SHALE	680	680	900	900
Big Lime	900	900	1110	1110
Big Injun	1110	1110	1300	1300
SHALE	1300	1300	2950	2950
SHALE/LS	2950	2950	3100	3100
SHALE	3100	3100	6355	6216
Geneseo	6355	6216	6384	6237
Tully	6384	6237	6436	6272
Hamilton	6436	6272	6641	6373
Marcellus	6641	6373		
TD of Lateral			14500	6461

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