WR-35 Rev (9-11)

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

DATE:	4-5-2012
API#:	47-103-02434

Farm n	ame: Chesapeake Appalachia 1H	Operator Wel	l No.: 627253	R	RECEIVED		
LOCATION: Elevation: 1,379'		Quadrangle:	Wileyville	1 /	NECEIVEL		
	District: Proctor	County: Wetz		j			
	Latitude: 6,500' Feet South of 39 Deg. Longitude 2,960' Feet West of 80 Deg.				EOLOGICAL SURV ORGANTOWN, WV		
	Company: Chesapeake Appalachia, L.L.C.						
•	Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.		
	Oklahoma City, OK 73154-0496	20"	60'	60'	Driven		
	Agent: Eric Gillespie	13 3/8"	1296'	1296'	1395 cf		
	Inspector: David Scranage	9 5/8"	2745'	2745'	1180 cf		
	Date Permit Issued: 12-10-2008	5 1/2"	12505'	12505'	1808 cf		
	Date Well Work Commenced: 3-26-2010						
	Date Well Work Completed: 10-11-2010						
	Verbal Plugging:						
	Date Permission granted on:						
	Rotary Cable Rig						
	Total Vertical Depth (ft): 7167'						
	Total Measured Depth (ft): 12516'						
	Fresh Water Depth (ft.): 358'						
	Salt Water Depth (ft.): None						
	Is coal being mined in area (N/Y)? N						
	Coal Depths (ft.): 250', 1125'						
	Void(s) encountered (N/Y) Depth(s) N						
I	CN FLOW DATA (If more than two producing formation Producing forma	zone depth (ft) 7 ow 0 Bl	ol/d	ata on separate s	heet)		
	Time of open flow between initial and final tests	Hours	<i>u</i> u	,			

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.

Pay zone depth (ft)

Bbl/d

Marlan Williams
Signature

Static rock Pressure 4,685 psig (surface pressure) after Hours

Final open flow MCF/d Final open flow Bbl/d

Static rock Pressure _____psig (surface pressure) after _____Hours

Gas: Initial open flow_____MCF/d Oil: Initial open flow_____

Time of open flow between initial and final tests_

Second producing formation

0-12-2012 Date

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JUN 13 2012 Were core samples taken? Yes No X Were cuttings caught during drilling? Yes X No_ Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list W 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): FC @ 12,409' Formations Encountered: Top Depth **Bottom Depth** Surface: See attached

JUN 13 2012

WV GEOLOGICAL SURVEY

PERFORATION RECORD ATTACHMENT

Well Name and Number: Chesapeake Appalachia 1H (627253)

PERFORATION RECORD			STIMULATION RECORD							
	Interval F	Perforated				Fluid Proppi		Proppir	ng Agent	Average
Date	From	То	Date	Interval	Treated	Туре	Amount	Type	Amount	Injection
9/28/2010	12037	12359	9/28/2010	12037	12359	Slk Water	12,663	Sand	490,000	84.0
9/29/2010	11637	11959	9/29/2010	11637	11959	Slk Water	10,404	Sand	465,500	87.0
9/30/2010	11237	11557	9/30/2010	11237	11557	Slk Water	10,562	Sand	480,500	84.0
9/30/2010	10837	11159	9/30/2010	10837	11159	Slk Water	10,855	Sand	479,600	94.0
10/1/2010	10437	10759	10/1/2010	10437	10759	Slk Water	11,136	Sand	472,500	86.0
10/2/2010	10037	10359	10/2/2010	10037	10359	Slk Water	10,098	Sand	482,200	86.0
10/3/2010	9637	9959	10/3/2010	9637	9959	Slk Water	9,913	Sand	473,000	90.0
10/4/2010	9233	9559	10/4/2010	9233	9559	Slk Water	10,522	Sand	495,700	86.0
10/5/2010	8837	9159	10/5/2010	8837	9159	Slk Water	10,290	Sand	500,700	88.0
10/7/2010	8437	8759	10/7/2010	8437	8759	Slk Water	10,295	Sand	491,000	90.0
10/9/2010	8037	8359	10/9/2010	8037	8359	Slk Water	12,599	Sand	507,500	90.0
10/11/2010	7637	7959	10/11/2010	7637	7959	Slk Water	10,170	Sand	488,000	89.0

FORMATION/LITHOLOGY	TOP DEPTH (ft)	BOTTOM DEPTH (ft)
SS and SHALE	0	251
COAL	251	253
SHALE	253	1125
COAL	1125	1127
SS and SHALE	1127	1288
SHALE	1288	1290
SS and SHALE	1290	1310
SHALE	1310	1460
SHALE and SS	1460	1488
SS and SHALE	1488	1552
SS	1552	1580
SHALE	1580	1640
SS	1640	1672
SHALE and SS	1672	1700
LMST and SHALE	1700	1760
SHALE	1760	1850
COAL and SHALE	1850	1880
SHALE	1880	1910
SS	1910	2002
SHALE and SS	2002	2062
SHALE	2062	2130
SS and SHALE	2130	2248
SHALE and SS	2248	2252
SHALE	2252	2260
SHALE and LMST	2260	2264
LMST	2264	2270
Big Lime	2270	2336
LMST and SHALE	2336	2340
LMST	2340	2344
LMST and SHALE	2344	2350
SS	2350	2355
Big Injun	2355	2604
SHALE	2604	2600
SHALE and SS	2600	2620
SHALE	2620	3209
Gordon	3209	3219
Benson	3219	4638
SHALE and SS	4638	4750
SHALE	4750	7178
GENESEO	7178	7214
TULLY	7214	7264
HAMILTON	7264	7494
MARCELLUS	7494	12515

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