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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: 1-12-2012  
API #: 475101038

Farm name: Altman 1 Operator Well No.: 625530

LOCATION: Elevation: 1471' Quadrangle: Wileyville

District: Liberty County: Marshall  
Latitude: 9280 Feet South of 80 Deg. 39 Min. 28.6 Sec.  
Longitude 9020 Feet West of 39 Deg. 43 Min. 40.7 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	16"	1324'	1324'	CTS
Agent: Eric Gillespie	10 3/4"	3404'	3404'	CTS
Inspector: Bill Hatfield	4 1/2"	10240'	10240'	CTS
Date Permit Issued: 6/15/2006				
Date Well Work Commenced: 9/19/2006				
Date Well Work Completed: 11/15/2006				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 10,250' (7,290' plugged back depth)				
Total Measured Depth (ft): 10,250'				
Fresh Water Depth (ft.): 360'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1,226'				
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) 7230'-7260'

Gas: Initial open flow 750 MCF/d Oil: Initial open flow Bbl/d

Final open flow 570 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests 24 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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WV Department of  
Environmental Protection

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

1-17-2012  
Date

02/03/2012

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 Electrical

**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:

1st Stage	Marcellus Shale	120 holes from 7230 ft to 7260 ft
2nd Stage	Huntersville	396 holes from 7314 ft to 7413 ft
3rd Stage	Oriskany	72 holes from 7500 ft to 7518 ft
4th Stage	Lockport	holes from 9140 ft to 9170 ft
5th Stage	Tuscarora	168 holes from 9998 ft to 10040 ft
6th Stage	Tuscarora	120 holes from 10062 ft to 10082 ft
Plug Back Details Including Plug Type and Depth(s): BP @ 7,290'; BP @9,110'; BP @9,935'; BP @ 10,050'		

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
Surface:

SHALE / SILTSTONE	0 / 1248	MIDDLESEX SH	6997 / 7081
PITTSBURGH COAL	1248 / 1257	GENESEO SH	7081 / 7111
SHALE / SILTSTONE	1257/1998	TULLY LS	7111 / 7141
SALT SANDS	1998 / 2010	MAHANTANGO SH	7141 / 7224
SHALE / SILTSTONE	2010 / 2341	MARCELLUS SH	7224 / 7272
BIG LIME	2341 / 2381	ONONDAGA LS	7272 / 7312
BIG INJUN	2381 / 2650	HUNTERSVILLE	7312 / 7498
SHALE	2650 / 2995	ORISKANY	7498 / 7630
BEREA	2995 / 3000	HELDERBERG	7630 / 7930
SHALE	3000 / 3195	CHERT	7930 / 7980
GORDON	3195 / 3205	DOL / LS	7980 / 8470
SHALE / SILTSTONE	3205 / 4705	SALT	8470 / 8740
BENSON	4705 / 4710	LS / DOL	8740 / 9480
SHALE	4710 / 6042	SHALE	9480 / 9920
RHINESTREET SH	6042 / 7000	SS / SH	9920 / 10250

02/03/2012