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:	8-7-2012
API#:	47-049-02173

Farm	name: Daniel Morris MRN 3H	_ Operator We	ll No.: 833805			
LOCATION: Elevation: 1567'		Quadrangle:	Fairmont East			
	District: Winfield	County: Mari	on			
		g. 30 Min. 00		Sec.		
	Longitude 5,551 Feet West of 65 De	g. 00 Mir	1. <u></u> .se	с.		
	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"	120'	120'	210 Cu. Ft.	
	Agent: Eric Gillespie	13 3/8"	450'	450'	494 Cu. Ft.	
	Inspector: Sam Ward	9 5/8"	3170'	3170'	1397 Cu. Ft.	
	Date Permit Issued: 9-30-2011	5 1/2"	13134	13134'	2627 Cu. Ft.	
	Date Well Work Commenced: 1-1-2012					
	Date Well Work Completed: 3-26-2012					
	Verbal Plugging:					
	Date Permission granted on:					
	Rotary Cable Rig					
	Total Vertical Depth (ft): 7,434'					
	Total Measured Depth (ft): 13,135'					
	Fresh Water Depth (ft.): 350'		·			
	Salt Water Depth (ft.): N/A					
	Is coal being mined in area (N/Y)? N					
	Coal Depths (ft.): 217'					
	Void(s) encountered (N/Y) Depth(s) N					
OP	PEN FLOW DATA (If more than two producing formation)			ata on separate s	heet)	
	Producing formation Marcellus Pay Gas: Initial open flow MCF/d Oil: Initial open	zone depth (ft)				
	Final open flow 927* MCF/d Final open flow		bl/d ol/d			
	Time of open flow between initial and final tests 72		*Calculated			
	Static rock Pressure 4,802* psig (surface pressure)					

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

Bbl/d

Hours

Mallero Willians
Signature

Final open flow \_\_\_\_\_

Second producing formation

Final open flow MCF/d

Gas: Initial open flow\_\_\_\_MCF/d Oil: Initial open flow\_\_\_\_

Static rock Pressure \_\_\_\_\_psig (surface pressure) after \_\_\_\_ Hours

Time of open flow between initial and final tests

Were core samples taken?	Yes	No X	W	ere cuttings caught d	uring drilling?Yes_X	No
Were Electrical, Mechanical Resistivity and Nuclear in vertical sec			ded on this well	? If yes, please list_		
NOTE: IN THE AREA FRACTURING OR STIN DETAILED GEOLOGIC COAL ENCOUNTERED	MULATING	G, PHYSICAL ORD OF TH	CHANGE, ET E TOPS AND	TC. 2). THE WELL BOTTOMS OF A	LOG WHICH IS A	SYSTEMATIC
Perforated Intervals, Fractur	ing, or Stin	nulating:				
(See Attached)			···			
					·	· · · · · · · · · · · · · · · · · · ·
					77-778-148-1484-15	
Plug Back Details Including	Plug Type	and Depth(s):		·		
1						
Formations Encountered:			Top Depth	1	Bottor	n Depth
Surface:						
(See Attached)						
				·		
•			-			
	-					

## PERFORATION RECORD ATTACHMENT

Well Number and Name: 833805 Daniel Morris MRN 3H

PERFORATION RECORD		STIMULATION RECORD								
	Interval Perforated				Fluid		Propping Agent		Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
3/1/2012	12,420	13,004	3/23/2012	12,420	13,004	Slk wtr	12,588	Sand	665,040	74
3/23/2012	11,741	12,326	3/23/2012	11,741	12,326	Slk wtr	12,410	Sand	667,140	80
3/23/2012	11,063	11,647	3/24/2012	11,063	11,647	Slk wtr	12,464	Sand	665,480	80
3/24/2012	10,384	10,969	3/24/2012	10,384	10,969	Slk wtr	12,289	Sand	675,780	80
3/24/2012	9,706	10,290	3/25/2012	9,706	10,290	Slk wtr	12,883	Sand	665,280	80
3/25/2012	9,027	9,612	3/26/2012	9,027	9,612	Slk wtr	12,434	Sand	667,600	79
3/26/2012	8,349	8,933	3/26/2012	8,349	8,933	Slk wtr	12,182	Sand	664,620	80
3/26/2012	7,670	8,255	3/26/2012	7,670	8,255	Slk wtr	12,263	Sand	664,620	. 77

## LATERAL WELLBORE

Maximum TVD of wellbore: 7434 ft TVD @ 13135 ft MD

Formation/Lithology	Top Depth, Top Depth, TVD MD (ft) (ft)		Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)	
SS/SHALE	0	0	860	860	
SS/SLTSTN	860	860	964	964	
SS/SHALE	964	964	1042	1042	
LS/SHALE	1042	1042	1200	1200	
SS/SLTSTN	1200	1200	1780	1780	
SLTSTN/SHALE	1780	1780	2144	2144	
SS/SLTSTN	2144	2144	2262	2262	
SLTSTN/SHALE	2262	2262	4348	4348	
SS/SLTSTN	4348	4348	4650	4650	
SLTSTN	4650	4650	5258	5258	
SLTSTN/SHALE	5258	5258	6884	6883	
SHALE	6884	6883	7026	7013	
GENESEO	7026	7013	7057	7040	
TULLY	7057	7040	7136	7106	
HAMILTON	7136	7106	7491	7313	
MARCELLUS	7491	7313	13135	7434	
TD	13135	7434		0	