WR-35 Rev (8-10)

Static rock Pressure

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

DATE:	8/22/11	
API#:	47-077-00157 W	•

arm name: Mattingly, Thomas	Operator W	ell No.: 7529		****
OCATION: Elevation: 2243	Quadrangle:	Aurora		
District: Union	County: Pres	ston		
Latitude: 6410 Feet South of 39 Deg.		n. 30 Sec		· ·
Longitude 4550 Feet West of 79 Deg.		n. 00 Sec		
ompany:				
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill
Columbia Gas Transmission, LLC 1700 MacCorkle Ave SE Charleston, WV 25325		33	33	up Cu. Ft. 25 sks
Agent: Paul Amick	9-5/8	2055	2055	600
Inspector: Sam Ward	7	5689	5689	220
Date Permit Issued: 8/9/11		1	0009	220
Date Well Work Commenced: 8/16/11				
Date Well Work Completed: 8/19/11		<u> </u>		
Verbal Plugging: NA			R	CEIVED
Date Permission granted on:	· · · · · · · · · · · · · · · · · · ·		- 11100	UITIO
Rotary Cable Rig NA		ļ		Ji a Ga
Total Vertical Depth (ft):			AU(24 2011
Total Measured Depth (ft): 5820 (existing)			MALD	
Fresh Water Depth (ft.): none reported		E	DVIronm	partment of
Salt Water Depth (ft.): none reported		-	onne	Partment of Ntal Protecti
Is coal being mined in area (N/Y)? N	······································			
Coal Depths (ft.): none reported				
Void(s) encountered (N/Y) Depth(s) N	 -			
		<u> </u>		
OPEN FLOW DATA (If more than two producing formation	s please includ	le additional data	on separate she	et)
Pay zo	ne depth (ft) 50	395 - 5820		•
1000		- 		
Final open flow 4000 MCF/d Final open flow Time of open flow between initial and final tests		/d		
Static rock Pressure 1998 psig (surface pressure) after	Hours - 24			
psig (surface pressure) and	r 24 Hours	8		
Second producing formation Pay zone	depth (ft)			
Gas: Initial open flow MCF/d Oil: Initial open flow		 Vd		
Final open flow MCF/d Final open flow				
Time of open flow between initial and final tests	Hours			

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.

____psig (surface pressure) after ____Hours

Were core samples taken? YesNo_NA	Were cuttings caught during drilling? YesNo_NA
Were $\frac{N}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{N}{Y/N}$	or Geophysical logs recorded on this well?
FRACTURING OR STIMULATING, PHYS	THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, ICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL OM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
Acid stimulated (65 bbls HCl acid, 225 bbls	s water, 194 MSCF nitrogen, ATP = 1900 psig. avg BH rate = 4 BPM)
Formations Encountered: Surface:	Top Depth / Bottom Depth
Not applicable - stimulation - no addition	nal footage drilled.