

United Fuel Gas Co.  
 The Pittston Co. #5 Well #9586  
 Elevation: 1549.99'  
 Location: Buchanan County  
 Quadrangle: Prater  
           6750' W of 82°10'  
           750' S of 37°15'

Total Depth: 4511'

Remarks: Location and elevation of well indicate well spudded a few feet below the Splash Dam Coal. (Observed seam about 5' above well location while visiting well site.) Referred to core on six and twenty mile creek, located 6 miles NE, and coal geology on Greenbrier Creek.

Formational boundaries determined from geophysical well logs by Marshall S. Miller, February, 1971. *Depths below are measured from 10 feet above ground level*

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>
Pennsylvanian System			
Post Lee Formation	0	918	918'
		Splash Dam coal horizon (near surface)	-5'
		Upper Banner coal horizon at 65'	
		Lower Banner coal horizon at 140'	
approximate depths		Kennedy coal horizon at 340'	
		McClure sand interval 355-406'	
		Aily coal horizon at 410'	
		Raven coal horizon at 480'	
Lee Formation	918	1709	791'
		War Creek coal horizon at 1280'	
Middle Member 918-1070			
		quartzose sand 918-960'	42'
		quartzose sand 970-985'	15'
		quartzose sand 995-1070'	75'
			132'
Lower Member 1590-1709			
		quartzose sand 1590-1685'	95'
		quartzose sand 1696-1709'	13'
			108'
		total quartzose sand	240'
Pocahontas Formation	1709	1850?	141'?
		Pocahontas #3 coal horizon at 1710'	

Mississippian System

Bluestone Formation	1850?	2243	393'
Pride Shale	2059	2243	184'
Princeton Sand Interval	2243	2339	96'
Little Stone Gap	2339	2399?	60'
Maxon Sands	2465	2479	14'
Maxon Sands (Stony Gap)	2630	2751	121'
Maxon Sands	2809	2879	70'
Little Lime	2986	3016	30'
Greenbrier Formation	3152	3665	513'
MacCraday Formation	3665	<u>1550</u> 2115	