

## S. A. Hays No. 3 Well.

(013-00773)

Sherman District, Calhoun County, W. Va.  
 By South Penn Natural Gas Company, Parkersburg, W. Va.  
 Located 4.42 mi. W. of 81° 00' and 0.52 mi. S. of 38° 50'—SE—Arnolds-  
 burg Quadrangle.  
 Elevation, 1051.18' L.  
 Permit Cal-773.

Completed Oct. 1943.

Gas well in Big Lime.

Section based on samples from 2071 to 2232', examined by J. H. C.  
 Martens.

Top.	Bottom.	Thickness.	
2071	2077	6	Limestone, very light brown, sandy; also small amount of green shale (sample probably out of place because following sample contains no limestone at all)
2077	2106	29	Sandstone, white, fine, nearly all quartz
<b>Greenbrier Limestone, 126+ feet</b>			
2106	2155	49	Limestone, brown to nearly white
2155	2161	6	Limestone, dark brownish gray
2161	2178	17	Limestone, very light brown
2178	2191	13	Sandstone, very light grayish yellow, fine, highly calcareous
2191	2195	4	Sandstone, nearly white, medium-grained, calcareous, larger grains are rounded and frosted
2195	2208	13	Limestone, very light brown
2208	2217	9	Limestone, brown with green spots; contains some fine sand
2217	2226	9	Limestone, very light brown, sandy and oolitic
2226	2232	6	Limestone, very light brown, slightly sandy
	2248		Total depth