

W. D. Toothman No. 2 Well

Lincoln District, Marion County, W. Va.

By Monongahela West Penn Public Service Company, Fairmont, W. Va.

Located 4.41 mi. N. of 30°10' and 1.88 mi. S. of <sup>35'</sup> -SW- Blacksville Quadrangle.

Elev. 1268.38' L.

Permit, Mar-86.

Well originally drilled to Big Injun Sand, total depth 2023'; completed May 6, 1916.

Deepening started Sept. 12, 1939; completed, Oct. 25, 1939.

Shot Oct. 26, 1939 at 2956 to 2961 and 2967 to 2972'.

Gas well; 116,000 cu. ft. per day; 51 lbs. rock pressure in 24 hrs.

5-3/16" casing, 2390'.

Top	Bottom	Thickness	
			<u>Lower Mississippian and Upper Devonian</u>
2023	2043	20	Sandstone, light-gray, fine- to medium-grained
2043	2083	40	Shale and siltstone, gray
2083	2091	8	Siltstone, gray
2091	2095	4	Sandstone, light-gray, very fine, micaceous; with some darker gray siltstone
2095	2121	26	Siltstone, gray, shaly, 60%; darker gray shale, 40%
2121	2145	24	Sandstone, light-gray, fine; some shale throughout, but more near top
2145	2321	176	Siltstone, gray; micaceous; with up to about 30% of gray silty shale; some of the material classed as siltstone contains considerable very fine sand, but there are no distinct beds of sandstone in this interval
2321	2341	20	Shale, dark-gray, 80%; gray siltstone, 20% (Sunbury Shale?)
2341	2354	13	Sandstone, light-gray, very fine, slightly calcareous; some fragments highly pyritic (Berea Sandstone?)
2354	2361	7	Shale, dark-gray, silty
2361	2376	15	Siltstone, gray, shaly
2376	2388	12	Shale, gray

Top	Bottom	Thickness	
2368	2400	12	Siltstone, gray, shaly, slightly calcareous
2400	2420	20	Shale, gray, silty, micaceous; with small amount of gray and green siltstone
2420	2424	4	Sandstone, light-gray, fine, 60%; gray shale, 40%
2424	2437	13	Sandstone, nearly white, coarse, pebbly
2437	2465	28	Shale, gray, fairly dark
2465	2475	10	Shale, gray, 60%; white to gray, poorly sorted sandstone, 40%
2475	2478	3	Siltstone, gray
2478	2500	22	Sandstone, white to light grayish green; considerable rust stain from 2485 to 2495'; poorly sorted, but mostly fine
2500	2505	5	Shale, gray, 50%; white sandstone, 50%
2505	2531	26	Sandstone, light grayish green, fine
2531	2536	5	Shale, gray
2536	2542	7	Sandstone, white to light-green, fine
2542	2548	6	Shale, red, green and gray in about equal amounts
2548	2554	6	Shale, green and gray
2554	2579	25	Sandstone, nearly white, coarse, with small amount of rust stain
2579	2592	13	Shale, gray
2592	2597	5	Sandstone, light grayish green, mostly fine, poorly sorted
2597	2610	13	Shale, gray
2610	2640	30	Shale, gray, green and red, 60%; siltstone, 40%
2640	2669	29	Shale, red
2669	2674	5	Siltstone, green
2674	2690	6	Shale, gray
2690	2729	49	Shale, red; with varying amounts of red and green siltstone and gray and green shale
2729	2734	5	Sandstone, light-gray, fine
2734	2750	16	Shale, red
2750	2760	10	Shale, red and green 50%; siltstone, 50%
2760	2764	4	Sandstone, red and green, fine

Top	Bottom	Thickness	
2764	2775	11	Shale, gray
2775	2787	12	Siltstone, gray and green
2787	2793	6	Siltstone, red and green
2793	2805	12	Sandstone, white to gray, very fine
2805	2826	21	Shale, gray and green; some calcareous siltstone between 2812 and 2819'
2826	2853	27	Sandstone, white to light-green, very fine, 60%; gray and green shale, 40%
2853	2883	30	Shale, gray; a little coarse sandstone between 2851 and 2859'
2883	2889	6	Siltstone, grayish-green
2889	2931	42	Shale, gray; with some siltstone
2931	2971	40	Sandstone, nearly white, with some rust stain; medium- grained in samples but many grains appear to be broken so may actually be coarse
2971	2997	26	Shale, gray; with varying amounts of siltstone and very fine sandstone
	2997		Total depth