

J. E. Crance No. 2 Well

Creek District, Boone County, W. Va.

By South Penn Natural Gas Company, Parkersburg, W. Va.

Located 1.26 mi. W. of 81°45' and 0.27 mi. S. of 38°00' - NC - Logan Quadrangle.

Elevation 1493.51' L.

Permit 800-580

Gas well; 25,000 cu. ft. in Berea, completed Nov. 1945.

Section based on samples from 2358-3079' examined by J.H.C. Hartens.

Top	Bottom	Thickness	
<u>Greenbrier Limestone, 192+ Feet</u>			
2358	2369	11	Limestone, very light brown
2369	2403	34	Limestone, light-brown, slightly sandy
2403	2418	15	Limestone, light-brown; contains a few colites
2418	2425	7	Limestone, very light-brown, oolitic
2425	2445	20	Limestone, very light brown
2445	2483	38	Limestone, very light brown, oolitic; colites and abundant and distinct
2483	2510	27	Limestone, very light brown, somewhat dolomitic
2510	2536	26	Limestone, very light brown, oolitic
2536	2550	14	Limestone, brown; a few coarse rounded sand grains in dolomitic matrix at bottom
<u>Maccrady Formation, 45 feet</u>			
2550	2595	45	Shale, red, very silty
<u>Pocahontas Formation, 475 feet</u>			
2595	2610	15	Shale, gray, 70%; light-gray, green and reddish very fine sandstone, 20%; red shale and siltstone, 10%; a few coarse sand grains.
2610	2624	14	Shale, gray, 60%; greenish sandy siltstone, 40%
2624	2637	13	Shale, and siltstone, gray
2637	3028	391	No samples
3028	3033	10	Shale, black (Sunbury Shale)
3033	3044	6	Sandstone, nearly white, fine, with some pyrite
3044	3056	12	Sandstone, nearly white, medium-to coarse-grained; some grains have crystal faces (Berea Sandstone 3038-3770'; 25,000 cu. ft. gas)
3056	3070	14	Sandstone, very light gray to brownish, very fine

Devonian Shales, 9* feet

Top	Bottom	Thickness	
3070	3079	9	Shale and siltstone, gray
	3079		Total depth