

S. C. Bennett No. 3720 Well

Grant District, Ritchie County, W. Va.

By Hope Construction and Refining Company, Clarksburg, W. Va.

Located 3.41 mi. N. of 81°10' and 3.4 mi. E. of 39°20' -SW- St. Marys Quadrangle.

Elevation, 1068.63' L.

Permit, Rit-746.

Drilling commenced Sept. 9, 1939; completed, Oct. 4, 1939.

Oil well; 500 bbls., first 24 hours.

Well was not shot.

Casing 10", 279' (pulled); 8 1/2", 1090'; 6-5/8", 1810'.

No coal was encountered.

Samples from 1580 to 1972'.

Top	Bottom	Thickness	
842	894	52	"Little Dunkard Sand"
1079	1085	6	"Big Dunkard Sand"
1378	1432	54	"Gas Sand" (gas at 1380 to 1382')
<u>Pottsville Formation, 227 feet (shown by samples)</u>			
1580	1608	28	Sandstone, light-gray, medium-grained; contains mica, chlorite and siderite
1608	1619	11	Sandstone, as above 50%; gray, shaly, micaceous siltstone; 50%
1619	1639	20	Shale, gray, silty
1639	1648	9	Sandstone, very light-gray, fine
1648	1690	42	Sandstone, white, medium-grained, nearly all quartz; some grains have crystal faces
1690	1700	10	Sandstone, gray to brown, very fine; contains much siderite
1710	1735	25	Siltstone, gray, shaly
1735	1745	10	Sandstone, nearly white, medium-grained, 60%; gray shale and siltstone, 40%
1745	1785	40	Sandstone, white, with some rust stain, medium-grained, nearly all quartz
1785	1807	22	Sandstone, white, medium-grained, nearly all quartz; crystal faces on many of grains

Top	Bottom	Thickness	
<u>Greenbrier Limestone, 36 feet</u>			
1807	1810	3	Limestone, gray and yellow, 40%; soft gray shale, 30%; fine white calcareous sandstone, 30%
1810	1813	3	Limestone, brown, sandy, oolitic
1813	1815	2	Sandstone, nearly white, medium-grained, 70%; limestone, yellow, 30%; the sandstone is all broken up into individual grains (this sample probably does not belong here because it contains none of the limestone like that in the sample above)
1815	1823	8	Limestone, light-brown, sandy
1823	1845	22	Sandstone, light-grayish yellow with small green specks; highly calcareous, with some oolites; mostly fine but contains some larger grains which are rounded and frosted
<u>Pocomo Formation, 137+ feet</u>			
1845	1850	5	Sandstone, white, very coarse; some light-green fine sandstone which perhaps occurs around the coarse grains
1850	1860	10	Sandstone, white, medium- to fine-grained, poorly sorted
1860	1865	5	Siltstone, light-grayish-green with brown spots (siderite)
1865	1884	19	Sandstone, white, fine
1884	1895	11	Shale, light grayish green, silty, micaceous with many siderite spherulites
1895	1911	16	Sandstone, white with small amount of rust stain, medium-grained, nearly all quartz
1911	1921	10	Sandstone, nearly white, fine
1921	1940	19	Sandstone, white, medium-grained, nearly all quartz
1940	1947	7	Siltstone, gray
1947	1956	9	Sandstone, gray, fine, 50 to 60%; gray siltstone, 50 to 40%
1956	1960	4	Sandstone, white, medium-grained, poorly sorted, 80%; gray siltstone, 20%
1960	1972	12	Sandstone, white, coarse, nearly all quartz; crystal faces on many of quartz grains; gas at 1963 and oil at 1963 to 1972' in what was called Squaw Sand
	1979		Reported bottom of sandstone
	1982		Total depth