

657-295

Barr Tract No. 13 Well

Grant District, Wetzel County, W. Va.

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

Located 3.4 mi. W. of 30°50' and 1.97 mi. S. of 39°35' - SE - Littleton

Quadrangle.

Elevation 1438.87'.

Permit Net-295

Drilling commenced Oct. 20, 1943; completed, Nov. 27, 1943.

Shot Dec. 1, 1943, depth 2561-2575'.

Oil well, 13 bbls. per day when cleaned out after shot.

Water 2098-2100', one bailer per hour; 2140-2145', two bailers per hour.

Coal at 1075', 43"; at 1175', 96".

10" casing, 479'; 8 1/4", 1638'; 6 5/8", 2441'.

Section based on samples from 1945 to 2381', examined by J.E.C. Hartens.

Top	Bottom	Thickness	
1175	1183	8	Pittsburgh Coal (from driller's record)
<u>Pennsylvanian, 265 feet shown by samples</u>			
1945	1994	49	Shale and siltstone, gray, a little coal, 1994-1994'
1994	2014	20	Sandstone, light-gray, very fine, 60%; darker gray shale and siltstone, 40%
2014	2026	12	Shale, dark-gray, silty
2026	2050	24	Siltstone and shale, dark-gray, micaceous
2050	2090	40	Shale, black, mostly silty; a little coal, 2064-2081'
2090	2102	12	No sample
2102	2138	36	Sandstone, white to light-gray, medium-grained
2138	2153	15	Sandstone, white, coarse, nearly all quartz; crystal faces on many grains
2153	2165	12	Sandstone, light-gray, fine; contains some mica, siderite and small specks of coal
2165	2176	11	No sample
2176	2194	8	Sandstone, light-gray, fine; contains flakes of mica and chlorite and has white clayey material between the grains
2194	2194	10	Sandstone, white, medium-grained, 60%; dark-gray shale, 40%

Top	Bottom	Thickness	
2194	2202	8	Sandstone, nearly white, medium-grained
2202	2210	8	Sandstone, white to brown, coarse, containing some siderite, 30%; gray shale and siltstone, 10%
<u>Mauch Chalk Group, 170 feet</u>			
2210	2215	5	Shale, light-gray, 90%; brown siderite, 10%
2215	2226	11	Shale and siltstone, light-gray, 80%; siderite, 20%
2226	2238	12	Siltstone, light-gray
2238	2253	15	Siltstone, gray, micaceous, partly sandy
2253	2265	12	Siltstone, gray, micaceous, 50%; gray, very soft shale, 50%
2265	2302	37	Shale, gray, green and red, partly calcareous, mostly soft and clayey
2302	2335	33	Shale, red, soft, mostly calcareous
2335	2345	10	Siltstone and shale, grayish-green
2345	2355	10	Siltstone and shale, grayish-green, 60%; red shale, 40%
2355	2365	10	Siltstone and shale, grayish-green
2365	2380	15	Limestone, dark-gray, fossiliferous, partly shaly, (Little Linc)
2380	2389	9	Shale, gray and green, soft, thinly laminated (Pencil Cave)
<u>Greenbrier Limestone, 120 feet</u>			
2389	2402	13	Limestone, light-brown, 50%; soft gray shale, 30% red shale, 20%
2402	2407	5	Limestone, light-brown, 60%; gray shale, 40%
2407	2460	53	Limestone, brown to light-brown
2460	2465	5	Limestone, very light-brown, somewhat dolomitic
2465	2469	4	Limestone, light-brown, slightly sandy
2469	2471	2	Limestone, light-brown, slightly dolomitic
2471	2489	18	Limestone, brown to light-brown, sandy and oolitic
2489	2494	5	Limestone, very light brown, very sandy
2494	2504	10	Sandstone, very light brown, fine, highly calcareous and dolomitic
2504	2509	5	Sandstone, very light brown, fine, dolomitic

Top Bottom Thickness

Pocono Formation, 72+ feet

2509	2533	24	Sandstone, light-gray, fine to medium-grained, with scarcely any calcite or dolomite
2533	2537	4	limestone, nearly white, very sandy, and highly dolomitic; larger sand grains are rounded and frosted (if this sample is properly labelled, it apparently indicates that the bottom of the Green-lerier is at 2537')
2537	2581	44	Sandstone, light-gray to nearly white, fine to medium-grained; 20% gray siltstone, 2576-2581' (oil and gas smell 2554-2557'; gas 2562-2568', oil 2570-2575')
	2581		Total depth by samples
	2580		Total depth by record