

Henry Brannon No. 13 Well

Sherman District, Calhoun County, W. Va.

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

Located 3.9 miles W. of 81°00' and 3.59 miles S. of 88°55' - EC- Arnoldsburg

Quadrangle

Elevation 954.91' L.

Permit Cal-740R

Drilling commenced June 29, 1943; completed Aug. 10, 1943.

Shut Aug. 11, 1943, depth 2140 to 2159' with 60 quarts.

Gas well, 156,000 cu. ft.

Section based on samples from 1962 to 2162' examined by J.H.C. Martens.

Top Bottom Thickness

Mauch Chunk Group, 42+ feet

1962	1968	6	Shale, gray, soft, 50%; gray and brown limestone, 50%
1968	1974	6	Limestone, brown, 70%; gray shale, 30%
1974	1981	7	Limestone, brown, with small amount of gray shale
1981	1989	8	Limestone, light-brown to gray, silty and shaly
1989	1997	8	Shale, gray, soft, calcareous, 60%; nearly white, highly calcareous siltstone, 40%
1997	2004	7	Shale, gray, soft, thinly laminated, calcareous, and fossiliferous

Greenbrier Limestone, 155 feet

2004	2010	6	Limestone, brown, 60%; soft gray and green shale, 40%
2010	2016	6	Limestone, brown to nearly white, oolitic
2016	2047	41	Limestone, very light brown
2047	2057	10	Limestone, brown, sandy
2057	2075	18	Limestone, light-brown to nearly white
2075	2080	5	Limestone, light-brown, dolomitic
2080	2085	5	Limestone, very light brown, sandy
2085	2091	6	Sandstone, very light brown, fine, highly calcareous, 50%; light-gray limestone, 50%
2091	2096	5	Limestone, very light brown, slightly sandy
2096	2113	17	Limestone, light-gray to light-brown, sandy

Top	Bottom	Thickness	
2118	2117	4	Limestone, light-brown, very sandy
2117	2127	10	Sandstone, very light-brown, fine-to medium-grained, calcareous; larger grains are well rounded
2127	2134	7	Limestone, nearly white, sandy, moderately dolomitic
2134	2142	8	Limestone, very light brown, sandy, moderately dolomitic, slightly porous
2142	2159	17	Limestone, very light brown, very porous, highly dolomitic, sandy
<u>Pecans Formation, 3+ feet</u>			
2159	2162	3	Shale, gray
	2162		Total depth