

Cal-769

L. J. McDonald No. 4 Well

Sherman District, Calhoun County, W. Va.

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

Located 0.3 mi. W. of 81°05' and 5.27 mi. S. of 38°55' - C - Arnoldsburg
Quadrangle.

Elevation, 923.12', ground.

Permit Cal-769

Drilling commenced Oct. 26, 1943; completed Nov. 30, 1943.

Shot Dec. 24, 1943, depth 2076-2119'.

Oil well; 50 bbls. per week after cleaning out and tubing 50,000 cu. ft. gas
per day before shot.

Gas show, 1967 and 2037-2043'; gas, 2077-2087'; oil and gas, 2089-2096; 2096-2105,
2105-2111, 2111-2119'.

10" casing 420'; 8 1/4", 1047; 6 5/8", 1995';

Section based on samples from 1976 to 2123', examined by J.H.C. Hartens.

Top	Bottom	Thickness	
			<u>Greenbrier Limestone, 146 feet</u>
1972			Top "Big Lime" from driller's record
1976	2020	46	Limestone, very light brown
2020	2028	8	Limestone, brown, slightly sandy
2028	2036	8	Limestone, very light brown
2036	2044	8	Sandstone, very light-brown, fine, highly calcareous; grains are frosted and fairly well rounded
2044	2065	21	Limestone, very light-brown, slightly sandy
2065	2077	12	Limestone, very light brown, sandy and oolitic
2077	2089	12	Limestone, very light brown, highly dolomitic
2089	2096	7	Dolomite, very light brown, very finely crystalline, with many visible pores
2096	2119	23	Dolomite, very light brown, sandy, with many visible pores
			<u>Pocahontas Formation, 4+ feet</u>
2119	2123	4	Shale, gray, with some fine siltstone
	2123		Total depth