

NOV 2 1957

By United Fuel Gas Co., Charleston, W. Va.
 Pocatalico District, Putnam Co., W. Va.
 Located 3.25 mi. S. of 38° 35' and 1.03 mi. W. of 81° 45' Long.
 Winfield - SE (Quadrangle).

Permit Put-549.

Elevation 771.7' L.

Commenced drilling 9-3-53; completed 10-16-53 .

Acidized 11-24-53 with 2,000 Gal. 15% acid (test 1 hr. after acidized
 55# through 4" spring gauge 25,515M)

Gas well, Volume 25,515,000 cu. ft.

Rock Pressure 860# in 74 hours.

Gas 1812-1817', 4,738M.

Fresh water 165'; 667', 2 BPM.

Salt water 1420', hole full.

Casing 13-3/8", 39'; 10-3/4, 239'; 8-5/8, 1681'; 5 1/2", 1704'; 2" tubing 1802',
 all left in well.

Coal, 165', 72" thick.

Section based on samples from 1658' to 1817'; examined by Russell R. Flowers.

Top Bottom Thickness

Mauch Chunk Formation, 35, plus, feet.

1658	1668	10	Shale, dark gray to grayish black
1668	1693	25	Limestone, brownish black to grayish black at top to brownish black and dark gray in the lower part, very highly argillaceous, highly fossiliferous (contains many crinoid fragments) --- Little Lime
GREENBRIER LIMESTONE, 119 (plus) FEET			
1693	1710	17	Limestone, olive gray, highly fossiliferous, somewhat argillaceous, some medium dark gray to greenish gray, calcareous, highly fossiliferous shale in the lower part; contains a few foraminifera
1710	1717	7	Limestone, pale to dark yellowish brown, contains some forams, oolitic in the upper part
1717	1723	6	Limestone, light brownish gray to pale yellowish brown, slightly argillaceous
1723	1745	22	Limestone, pale yellowish brown to light olive gray (argillaceous), contains many forams
1745	1753	8	Limestone, pale yellowish brown to light olive gray, highly oolitic
1753	1766	13	Limestone, yellowish gray to pale yellowish brown, extremely fine to very finely crystalline
1766	1777	11	Limestone-oolites, pale yellowish brown, fine to medium grained, some coarse grains, somewhat sandy (fine grained, rounded), some non-oolitic limestone in the lower part
1777	1787	10	Limestone, pale yellowish brown, very sandy (very fine to fine grained, many medium grains, rounded to well rounded), oolitic
1787	1797	10	Limestone to sandstone, yellowish gray to pale yellowish brown, very fine grained with many fine grains, silty (coarse), the sand is rounded
1797	1806	9	Limestone-oolites, pale yellowish brown to light olive gray, fine to medium grained, somewhat sandy (very fine grained), somewhat silty

1806	1812	6	Limestone-oolite, yellowish gray to light olive gray, fine to medium grained, most of the limestone chips 1/2 to 14" in diameter and show a large amount of pore space
1812	1817	5	No sample
	1817		TOTAL DEPTH