

Danny E. Anderson No. 1 (GW-461) Well

Ripley District, Jackson County, W. Va.

By Columbian Carbon Company, Charleston, W. Va.

Located 3.47 mi. W. of 81°35' and 0.18 mi. S. of 38°35' -SC- Kenna Quadrangle; 2 mi. S. of Goldtown and 4 mi. N. of Sissonville.

Elevation, 7407' L.

Permit, Jac-88.

Drilling commenced July 14, 1940; completed, Nov. 5, 1940.

Volume 2,182,000 cu. ft. per day.

Shot at 5033 to 5070' SIM.

Rock pressure 1400 lbs. in 13 days.

16" casing 21'10" ; 10 $\frac{1}{2}$ ", 698'8" ; 8-5/8", 1965'11" ; 7", 4991'4" ; 2-3/8", 5127" ; 3 $\frac{1}{2}$ ", 92'.

Salt water 1408' ; 2 bbls. per hr. ; 1440' hole full.

Samples examined from 1817 to 2500' by Constantin Apsouri.

Top	Bottom	Thickness	
			<u>Greenbrier Limestone, 46 feet</u>
1817	1863	46	Limestone, very light brown, mostly sandy, some dolomite, first sample contains some sandstone, probably from the Pottsville above
			<u>Pocono Formation, 483 feet</u>
1863	1873	10	Sandstone, white, medium-grained
1873	1919	46	Sandstone, white; medium-grained near top, becoming finer and containing some shale and siltstone toward bottom
1919	1952	33	Shale and siltstone, gray
1952	1971	19	Siltstone, dark-gray
1971	1983	12	Shale, light-gray
1983	2170	187	Siltstone, gray and light-gray, with some shale
2170	2194	24	Shale, light-gray
2194	2309	115	Siltstone and shale, gray, micaceous
2309	2319	10	Shale, gray
2319	2359	20	Shale, very dark gray to brownish (Gambury Shale)
2359	2346	7	Sandstone, white, fine, pyritic (Berea Sandstone)

Top Bottom Thickness

Devonian Shales, 2577 feet

2346	2422	76	Shale and siltstone, gray
2422	2500	78	Shale, gray; and gray to green siltstone
	4923		Bottom of Devonian Shales

Huntersville Chert, 104 feet

4923	5052	109	No samples; SIM at top
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Oriskany Sandstone, 83 feet

5052	5083	51	"Oriskany Sand"
5083	5093	10	"Lime break"
5093	5115	22	"Oriskany Sand"
	5115		Total depth, SIM