

Way-242

J. D. Baker No. 2 (601) Well

Union District, Wayne County, W. Va.

By The Owens, Libbey-Owens Gas Dept., Charleston, W. Va.

Located 0.52 mi. W. of 82°25' and 0.2 mi. S. of 38°15' - NW- Wayne Quadrangle.

Elevation, 795.3' L.

Permit Way-242

Drilling commenced April 8, 1941; completed May 27, 1941.

Shot May 26, 1941; depth, 3580-3085'.

Gas well; 94,000 cu. ft.

Rock pressure 290 lbs. in 24 hours.

Fresh water, 390 and 470'; salt water, 1040.

8 1/2" casing, 422'; 6 5/8", 1740'; 3" Tubing, 3083'.

Section based on sample from 1354 to 3348' examined by C. W. Apssouri (most of Devonian Shales section omitted.)

Top	Bottom	Thickness	
<u>Mauch Chunk Group, 16+ feet</u>			
1354	1362	8	Shale, dark-green, calcareous, 75%; gray shale, 25%
1362	1366	4	Limestone, light-brown
1366	1370	4	Shale, dark-green, 60%; light-brown limestones, 40%
<u>Greenbrier Limestone, 174 feet</u>			
1370	1375	5	Limestone, light-brown
1375	1380	5	Limestone, nearly white, sandy
1380	1456	76	Limestone, light-brown to nearly white
1456	1461	5	Limestone, light-brown, partly oolite, 70%; green shale, probably caving, 30%
1461	1477	16	Limestone nearly white, slightly oolitic
1477	1482	5	Limestone, nearly white, dolomitic
1482	1512	30	Limestone, light-brown to nearly white
1512	1524	12	Limestone, light-brown, oolitic
1524	1532	8	Limestone, white, slightly oolitic
1532	1538	6	Limestone, light-brown, slightly dolomitic
1538	1544	6	Limestone, brown, dolomitic, slightly sandy
<u>Pocono Formation, 473 feet</u>			
1544	1561	17	Shale, gray, partly calcareous, 60%; limestone, light-brown, sandy, 40%
1561	1566	5	Sandstone, white, very fine, 60%; dark-gray shale, 40%

Top	Bottom	Thickness	
1566	1574	8	Sandstone, white, very fine
1574	1580	6	No sample
1580	1602	22	Siltstone, gray, sandy
1602	1606	4	No sample
1606	1615	9	Sandstone, white, coarse, 50%; light-gray coarse siltstone, 50%
1615	1633	23	Siltstone, light-gray, sandy
1633	1654	16	Siltstone, light-gray, sandy, 60%; gray silty shale, 40%
1654	1675	21	Siltstone, light-gray, sandy
1675	1746	71	Siltstone, and shale, gray to brown
1746	1800	54	No samples
1800	1951	151	Shale, gray
1951	1971	20	Shale, gray, 50%; brown shaly siltstone, 50%
1971	2097	126	Shale, gray
2097	2103	6	Shale, dark-gray
2103	2109	6	Shale and siltstone, gray, 75%; white, very fine sandstone, 25%
2109	2135	26	Shale, gray
2135	2151	16	Shale, dark-gray, 70%; gray shale, 30%
2151	2182	31	No samples (brown shale reported, 2160-2182')
2132	2192	10	Sandstone, very fine, pyritic (Perea)
2192	2194	2	No sample
2194	2217	23	Sandstone, very fine, 50%; gray shale, 50%
<u>Devonian Shales, 1127 feet</u>			
2217	2235	16	Shale, and siltstone, gray
2235	2346	111	Shale, gray
2346	3282	936	Samples not examined
3282	3293	11	Shale, gray
3293	3344	51	Shale, very dark gray
<u>Huntersville Chert? (Corniferous), 4+ feet</u>			
3344	3348	4	Chert, light-gray, calcareous
	3348		Total depth by samples
	3347		Total depth by driller's record.