

WAY-200

Koonce and Zimmerman No. 1(573) Well

Lincoln District, Wayne County, W. Va.

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

Located 3.23 mi. W. of 82°25' and 4.82 mi. S. of 38°06' -SW- Wayne Quadrangle.

Elevation, 745.8' L.

Permit, Way-200.

Drilling commenced Dec. 23, 1940; completed Feb. 19, 1941.

Shot, Feb. 5, 1941 - depth 2361-2672'.

Rock pressure 410 lbs. in 48 hrs.

Fresh water at 90'; salt water at 683'.

10" casing 396'; 8 1/4", 1104'; 3" tubing, 2630'.

Coal at 369-372'.

Samples from 1068 to 2690' examined by C. Apsouri.

Top	Bottom	Thickness	
<u>Mauch Chunk Group, 62+ feet</u>			
1034	1072	38	Shale, gray, soft
1072	1092	20	Limestone, gray and brown, fossiliferous (Samples contain much shale, probablyavings)
1092	1096	4	Shale, gray, soft, thinly laminated (driller does not report this, so it may beavings)
<u>Greenbrier Limestone, 171 feet</u>			
1096	1146	50	Limestone, very light brown
1146	1155	9	Limestone, very light brown, oolitic
1155	1180	25	Limestone, brown to nearly white, dolomitic; slightly sandy, 1171-1180'
1180	1190	10	Limestone, very light brown, oolitic
1190	1202	12	Limestone, brown, sandy, pyritic
1202	1222	20	Limestone, very light brown, oolitic
1222	1232	10	Limestone, nearly white, oolitic
1232	1242	10	Limestone, brown, dolomitic, 50%; soft green calcareous shale, 50% (gas 1238-1242', 465,000 cu. ft.)
1242	1249	7	Limestone, very light brown, dolomitic
1249	1257	8	Limestone, very light brown, partly oolitic
1257	1267	10	Limestone, brown, dolomitic

Top	Bottom	Thickness	
<u>Pocono Formation, 607 feet</u>			
1267	1278	11	Shale and siltstone, green
1278	1303	25	Sandstone, green, very fine, calcareous and dolomitic
1303	1323	20	Sandstone, light-gray, fine, calcareous
1323	1326	3	No samples (gas 1326', 77,000 cu. ft.)
1326	1343	17	Sandstone, brown, very fine, silty
1343	1657	314	Siltstone, gray, shaly
1657	1682	25	Shale, gray, silty
1682	1715	33	Siltstone, gray, shaly
1715	1727	12	Shale, gray, silty
1727	1777	50	Siltstone, gray
1777	1826	49	Shale, gray
1826	1836	10	Shale, very dark gray (Sunbury Shale)
1836	1845	9	Sandstone, white, very fine, pyritic; contains siderite (Berea Sandstone)
1845	1853	8	Siltstone, gray
1853	1873	20	Sandstone, white, very fine (samples have considerable gray shale which perhaps belongs in this interval; bottom of sandstone from driller's record)
<u>Devonian Shales, 817+ feet</u>			
1873	1888	15	Shale, gray, silty
1888	1930	42	Siltstone, gray and brown shaly
1930	1960	30	Shale, light-gray
1960	2045	85	Shale, black, silty, pyritic
2045	2093	48	Shale, light-gray
2093	2117	24	Shale and siltstone, gray
2117	2198	81	Shale, gray to light-gray
2198	2229	31	Shale, gray to dark-brown
2229	2244	15	Shale, gray, silty
2244	2293	49	Shale, very dark gray
2293	2323	30	Shale, gray to dark-brown
2323	2450	77	Shale, gray to light-gray
2400	2450	50	Shale, gray and brownish (gas 2416', 465,000 cu. ft.)

Top	Bottom	Thickness	
2450	2487	37	Shale, gray to light-gray (gas 2477', 15,000 cu. ft.)
2487	2667	180	Shale, mostly very dark gray to dark-brown
2667	2690	23	Shale, light-gray to greenish
	2690		Total depth