

POND FORK COAL CO., et al No. 1(871)

By Owens, Libbey-Owens Gas Dept., Box 4158, Charleston, W. Va.
 Crook District, Boone County, W. Va.
 Located 2.44 Mi. S. of 38° 00' and 4.25 Mi. W. of 81° 40' Long.
 Bald Knob Quadrangle - NW.

Permit No-878.

Elevation 974.55' L.

Drilling commenced 6/17/53; completed 12-30-53.

Shot 12/31/53 from 4006-5236' with 12000# Detonite.

Fresh water 111', hole full; 470' 8 Gal. per hour.

Salt water 1143', 3 BPH; 1151-63', hole filling; 1954', 1/3 BPH.

Casing. 10-3/4", 406'; 9-5/8", 1621' 1"; 7" 2213' 5".

Gas well - 55M cu.ft. Rock pressure 150 lbs. in 20 hours.

Coal encountered at 63' - 24" thick.

Section based on samples from 1937 to 2317'; examined by Russell H. Flowers.

Top	Bottom	Thickness	
1937	1940	3	Sandstone, very light gray, fine grained, some medium (rounded) grains; some very light to medium gray, very fine grained sandstone to siltstone, contains some carbonaceous material and a little mica and chlorite, calcareous in part
<u>MAUCH CHUNK SERIES, 194 Feet.</u>			
1940	1946	6	Siltstone, medium gray to greenish gray, micaceous and chloritic, highly calcareous in part; small amount of dark gray to dark greenish gray shale
1946	1954	8	Dolomite, olive gray; shale, grayish brown; some dark gray to brownish gray; some greenish gray to dark greenish gray and dark gray siltstone and shale
1954	1969	15	Shale, grayish brown to grayish red, some dark gray to dark greenish gray; sandy shale; gray siltstone some brownish gray; a large amount of greenish gray siltstone; small amount of olive gray dolomite
1969	1974	5	Sandstone, very light to light gray, very fine grained, small amount of dolomite; shale, dark gray mottled with moderate olive brown; some medium dark to dark gray siltstone
1974	1990	16	Siltstone and shale, medium dark to dark gray; small amount of grayish black shale
1990	1995	5	Limestone, brownish black, very shaly
1995	2005	10	Shale medium dark to dark gray
2005	2025	20	Shale, grayish brown, dark gray to greenish gray and olive gray, calcareous, soft
2025	2034	9	Dolomite, olive gray to greenish gray, calcareous extremely finely crystalline; a moderate amount of shale, grayish brown to dark gray and brownish gray
2034	2052	18	Sandstone, light to medium gray, with dark gray shaly streak, very fine grained; some dark gray, silty shale; some olive gray to greenish gray, calcareous dolomite; some shale, dark gray to dark greenish gray, grayish brown

2052	2060	8	Shale to siltstone, dark gray, sandy (very fine) in part, small amount of carbonaceous material
2060	2084	24	Shale, dark gray, with calcified fossil fragments
2084	2124	40	Limestones to shale, dark gray to brownish black and grayish black, highly fossiliferous (crinoidal) small amount of chert at 2107-15; some dark gray shale in the upper part and at the bottom
2124	2134	10	Limestone, brownish black, argillaceous, fossiliferous (some crinoid fragments); a large amount of medium dark to dark gray shale in the lower part (calcareous in part)
2134			<u>GREENBRIER LIMESTONE, 183, plus, Feet</u>
2134	2156	2	Limestone, olive gray, some medium dark gray, (argillaceous); some dark gray shale (cavings?)
2136	2142	6	Limestone to shale, olive gray to brownish gray and dark gray; shale, dark gray, some dark greenish gray
2142	2157	15	Shale, dark gray to dark greenish gray (silty); some olive gray to brownish gray, argillaceous limestone
2157	2177	20	Limestone, brownish black to grayish black, very highly argillaceous, fossiliferous, (crinoid fragments); trace of chert; some dark gray shale
2177	2191	14	Limestone, olive gray, some dark greenish gray to dark gray (argillaceous), fossiliferous; some crinoid stems; trace of chert
2191	2198	7	Limestone, brownish black to dark yellowish brown, colitic, fossiliferous; trace of chert
2198	2317	119	Not described
	2317		Bottom of last Greenbrier sample