

COAL RIVER MINING CO. "A" NO. 37 (656) WELL.

Peytona District, Boone County, W. Va.

By The Owens, Libbey-Owens Gas Dept., Box 2111, Charleston, 28, W. Va.

Drilled under permit Bco-575; Peytona Quadrangle.

On 6500 acres, on branch of Brush Creek.

Elevation, 782' L.

Surface owned by Mrs. Myrtle Vineyard, St. Albans, W. Va., and minerals

- by Coal River Mining Co., J. V. R. Skinner, St. Albans, W. Va.

Drilling commenced April 7, 1943; completed Oct. 15, 1943.

Volume, dry hole.

Fresh water, 242', 1 bailer per hour.

Salt water, 355', hole full; 5040'.

Conductor, 23'; 10" casing, 163'; 8 $\frac{1}{2}$ " 1097'; 6 $\frac{5}{8}$ " 4197'; 5 $\frac{3}{16}$ " 4996'.

Coal was encountered at 242-244 and 508-513'.

Dry hole. Record from Smith April 5, 1944.

	Top.	Bottom.
Clay and sand, dark, soft	0	20
Slate, shells, dark, soft and medium	20	49
Sand, slate, light and dark, hard and - soft	49	242
Coal, black, soft	242	244
Sand, slate, light and dark, soft and - hard	244	508
Coal, black, soft	508	513
Slate and shells, dark, soft	513	543
Sand, light, hard	543	562
Slate, dark, soft	562	579
Sand, white, medium	579	611
Slate, dark, soft	611	617
Salt Sand, white, hard	617	746
Slate, light, soft	746	747
Sand, white, hard	747	766
Slate, white, soft	766	772
Sand, white, hard	772	890
Slate, dark, soft	890	897
Red-rock, soft	897	902
Sand shells, light, hard	902	917
Slate and shells, dark, soft	917	946
Red-rock, soft	946	952
Shells, light, hard	952	970
Slate and shells, light, hard	970	980
Maxton Sand, white, hard	980	1024
Lime, slate, dark and light, hard and - soft	1024	1074
Big Lime, light, hard	1074	1097
Big Lime, white, hard	1097	1126
Big Lime, yellow, hard	1126	1145
Big Lime, white, hard	1145	1263
(gas, 1194', 58 M.; gas, 1206', 74 M.)		
Big Injun Sand, red, hard	1263	1293
Slate, shells, lime, shale, dark, soft - and hard	1293	1504
Slate, light, soft	1504	1548
Sand, white, hard	1548	1572
Slate and shells, light, soft	1572	1583
Slate and shells, dark, soft	1583	1739
Brown shale, soft	1739	1751

(OVER)

OLO No. 656

Coal River Mining Co. "A" No. 37

Peytona District, Boone County

West Virginia

Elevation: 782

Boo 575

Examined: 3-10-1949

1 - 4	1033 - 1057	Dark brownish gray silty limestone. Drills medium.
5	1057 - 1061	Mottled white and gray fossiliferous limestone with mudstone inclusions and soft gray mudstone. Pyrite. Drills medium.
6 - 7	1061 - 1074	Very light tan and white limestone with some light green mudstone (pencils) at base.
8 - 10	1074 - 1095	Dark brownish gray limestone. Drills medium.
10 - 12	1095 - 1109	Gray silty limestone, some pyrite. Drills medium.
13 - 14	1126 - 1138	Dense white limestone, a few rounded white transparent sand grains, some pyrite. Drills medium.
15 - 16	1138 - 1167	Dense very light tan limestone. Drills medium.
17	1167 - 1177	Very light tan oolitic limestone. Oolites drill free. Drills medium fine.
18 - 19	1177 - 1188	White oolitic limestone, some oolites drill free. Drills medium.
20 - 21	1188 - 1200	White oolitic limestone, oolites drill free. Drills medium fine.
22	1200 - 1206	Very light tan oolitic limestone, some white frosted rounded sand grains, some oolites drill free. Drills medium.
23	1206 - 1210	Very light tan to white oolitic limestone, some oolites drill free, some pyrite. Drills medium.
24	1210 - 1218	Dense brown limestone. Drills medium.
25	1218 - 1226	White silty dolomitic limestone, some oolites, some pyrite. Drills medium.
26 - 27	1226 - 1239	Very light gray slightly oolitic slightly dolomitic limestone. Drills medium.

28	1258 - 1263	Very light tan to white silty dolomitic limestone and purplish brown siltstone. Drills medium.
29 - 33	1263 - 1300	Red mudstone and reddish brown siltstone. Drills coarse to medium.
33 - 34	1300 - 1316	Grayish green siltstone. Drills medium to coarse.
35 - 37	1316 - 1343	Very dark gray mudstone, some siltstone shell. Drills medium to coarse.

38	1351 - 1361	Dark gray siltstone shell. Drills medium fine.
39 - 40	1361 - 1380	Dark gray mudstone and a little gray siltstone. Drills medium.
41 - 43	1380 - 1410	Dark gray mudstone and greenish gray siltstone. Drills medium.