

OLD No. 690
Little Coal Land Co. #31
Scott District, Boone County
West Virginia
Elevation: 1240.3
Map Sq. B-141

Boone 675

Examined: 4-5-1945

1	1764 - 1769	Gray limestone. Drills medium. (Some gray mudstone cave.)
2 - 3	1769 - 1794	Mottled gray and light gray limestone. Drills medium to fine. Slickensided gray mudstone cave.
4	1794 - 1800	Light tan, some gray limestone. Drills fine. Still some slickensided gray mudstone cave.
5 - 6	1800 - 1813	Light gray crystalline limestone, pyrite, some light green mudstone. Drills coarse to fine. (Gray mudstone cave.)
7	1813 - 1818	Very light tan limestone. Drills fine. (Some gray mudstone cave.)
8	1818 - 1824	(7" Casing set 1824. Steel Line 1803 = 1824.) Gray limestone. Drills medium to fine. Gray mudstone cave.
9 - 11	1824 - 1839	Very light gray limestone, some pyrite. Drills medium to fine.
12 - 13	1839 - 1857	Dense light gray limestone, pyrite, gray and light green mudstone. Drills medium to fine.
14 - 18	1857 - 1890	Dense very light gray to white limestone. Drills coarse to fine. (Hole now well cleaned out after casing.)
19 - 20	1890 - 1902	Very light tan, dense to crystalline limestone. Some fine white, frosted and rounded quartz sand grains. Drills fine.
21	1902 - 1907	Dense light gray limestone. Drills medium to fine.
22	1907 - 1914	Dense to chalky, very light gray to white limestone. A few white quartz sand grains. Drills fine to very fine.
23 - 24	1914 - 1927	White limestone with some dark gray to white oolites. A few white quartz sand grains. Drills fine to very fine.
25 - 26	1927 - 1939	Light gray oolitic limestone with some very fine white quartz sand. Many oolites drill free and are darker than limestone surrounding them. Drills coarse to fine.
27 - 29	1939 - 1961	Light gray crystalline limestone, some oolites and fine white sand. Drills medium to fine.
30 - 32	1961 - 1985	Light gray silty limestone. Drills medium to fine.
33	1985 - 1995	Do. Dark gray, much more silty dolomite and some light green mudstone residue, contains much fine white silt. Drills coarse to medium. (Base Big Lime 1995.)
34	1995 - 2005	Deep red very fine-grained siltstone, not limy, a few white quartz and varicolored pebbles. Drills coarse to medium.
35	2005 - 2015	Deep red siltstone and reddish brown sandstone, fine-grained sandstone with many broken quartz pebbles, white and varicolored. Drills medium.
36	2015 - 2023	Reddish brown sandstone and varicolored quartz pebbles. Drills medium to fine.

OIO No. 690
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Examined: 5-3-1945

37	2023 - 2032	Gray sand pink sandstone with much muscovite. Drills fine to coarse pieces.
38	2032 - 2039	Gray mudstone and some siltstone shell. Drills medium.
39 - 40	2039 - 2056	Gray siltstone and micaceous sandstone shell with pyrite. Drills medium to coarse.
41 - 42	2056 - 2080	Gray mudstone and siltstone and light gray micaceous sandstone shell. Drills medium to coarse.
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43	2440 - 2454	Gray shale and light gray very fine-grained sandstone shell. Drills medium to coarse.
44	2454 - 2466	Very fine-grained light brown sandstone and dark gray shale. Drills fine.
45	2466 - 2481	Dark gray shale and light gray siltstone shell. Drills medium.
46	2481 - 2494	Dark Brown Shale.
47	2494 - 2499	White quartz very fine-grained sandstone, some grains free - good Berea Sand. Fine pyrite, slightly limy. Drills fine. Pebbles at top.
48 - 52	2499 - 2500	Very fine-grained white quartz sandstone, slightly limy. Some pyrite. Drills fine to medium. (Gas 2499-2505 52 M. (Base Berea 2521.) <i>Drills fine.</i>)
53 - 58	2521 - 2555	Gray siltstone and mudstone. Drills fine to very fine.
TOTAL DEPTH	2559	