

OLO No. 794
F. M. Blankenship No. 1
Union District, Wayne County
West Virginia
Elevation: 950

Wayne 661

Examined: 4-7-1949

1 - 3	1447 - 1471	White quartz sandstone, conglomeritic at base. Drills fine individual grains and medium clusters. No lime.
4	1471 - 1481	Black mudstone, pyrite and some white quartz sandstone. Drills medium pieces and individual grains.
5 - 6	1481 - 1505	Very light gray silty, very fine-grained sandstone. Drills individual grains and medium clusters—silty at base. No lime.
7	1505 - 1514	Light gray fine-grained silty sandstone. Drills medium pieces and some individual grains. No lime, a few pieces of pale green mudstone.
8 - 10	1514 - 1538	Very fine-grained, very white quartz sandstone. Drills coarse pieces to fine individual grains. No lime.
11	1538 - 1543	Blue gray and pink mudstone, slightly limy. Drills medium.
12	1543 - 1548	Blue gray, slightly limy, mudstone and limy shell and some pink limy mudstone. Drills medium.
13 - 15	1548 - 1563	Gray siltstone and mudstone and pink mudstone. Drills medium.
15 - 18	1563 - 1586	Reddish brown silty limestone with pyrite. Drills medium.
19	1586 - 1588	Gray soft plated mudstone. Drills medium fine.
19 - 20	1588 - 1596	Very light gray to white limestone, some oolites. Drills coarse to medium.
21 - 22	1596 - 1609	Light tan silty limestone, some pyrite. Drills medium fine to medium.
23 - 24	1609 - 1624	(7" Casing set 1609.) White limestone. Drills medium fine.
25 - 27	1624 - 1652	Dense light tan limestone. Drills medium to coarse.
28 - 30	1652 - 1677	Very light gray, very silty limestone and some dense light tan limestone. Drills medium.
31 - 32	1677 - 1700	Very light gray silty limestone, some light tan dense limestone, and some light greenish gray limestone with glauconite and pyrite. Drills medium.
33 - 34	1700 - 1717	Light gray very silty limestone. Drills medium to medium fine.
35 - 38	1717 - 1745	Very light tan slightly oolitic silty limestone, no free oolites. Drills medium fine to coarse.
38 - 39	1745 - 1753	Dense brown limestone, some light gray silty limestone. Drills medium to coarse.
39 - 40	1753 - 1761	Black silty dolomitic limestone. Drills medium to coarse.

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Examined: 4-13-1949

41 - 42	1761 - 1781	Very light gray slightly silty and limy sandstone; pyrite at top. Drills medium to coarse pieces.
44 - 45	1781 - 1804	Light blue gray silty mudstone and very light gray, slightly limy, slightly silty sandstone shell. Drills medium to coarse pieces.
46 - 48	1804 - 1835	Gray slightly silty mudstone, 70 per cent, and very light gray slightly limy and silty sandstone shell, 30 per cent. Drills medium to coarse.
49 - 50	1835 - 1863	Light blue gray fine-grained porous limy sandstone, pyrite 90 per cent and gray mudstone, 10 per cent. Drills medium to medium fine. (Water 1858-1878, more probably from 1858-1863 - 4 Bail Hour.)
51 - 52	1863 - 1885	Dark gray silty mudstone with pyrite, 60 per cent, and very light gray slightly silty limy sandstone shell. Drills medium fine.
53 - 55	1885 - 1914	• Gray silty mudstone with phlogopite mica and pyrite and some light gray sandstone shell. Drills medium to coarse.
56 - 60	1914 - 1963	Do. Less sand shell and mineralization. Drills medium.

Examined: 4-18-1949

61	1963 - 1973	Do.
62 - 64	1973 - 2008	Gray mudstone and a little light gray silty sandstone shell, much pyrite. Drills medium.
65 - 67	2008 - 2046	Gray mudstone, a little silty mudstone. Drills medium.
68 - 71	2046 - 2088	Gray mudstone and a little silty sandstone shell with black carbonaceous specks and some phlogopite mica. Pyrite. Drills medium to coarse.
72	2088 - 2103	Dark gray mudstone and silty mudstone with a little very slightly limy, silty sandstone shell. Drills medium to medium fine.
73 - 76	2103 - 2144	Gray mudstone and silty mudstone with some pyrite and a little silty sandstone shell. Drills medium to coarse.
77 - 81	2144 - 2210	Gray mudstone with a little light gray silty sandstone shell with black carbonaceous specks and some phlogopite mica. Drills medium to coarse.
82 - 83	2210 - 2232	Gray mudstone and some silty mudstone and a trace of silty sandstone shell. Drills medium to coarse.
84 - 85	2232 - 2255	Gray and light gray mudstone with light gray micaceous and tan flinty siltstone shell. Drills medium.
86 - 87	2255 - 2271	• Gray mudstone and much light gray silty sandstone shell. Drills medium. Some lime.
88	2271 - 2283	Dark gray mudstone and silty mudstone and gray silty sandstone shell. Drills medium.

Examined: 5-25-1949

89 - 90	2283 - 2289	Light gray sandstone shell and some gray silty mudstone. Drills fine. Very slightly limy (Red is rubber and iron from packer drilled up.)
91 - 92	2289 - 2306	Do. Drills medium to coarse.

Brown shale 109M