

OLO No. 712  
Glenhayes No. 4  
Lincoln District  
Wayne County, W. Va.  
Elevation: 654

B. x 12  
Wayne 383

Examined: 1-28-1946

1 - 2	1000 - 1019	(7" Casing set 961') White, some very light tan, limestone. Drills fine.
3	1019 - 1030	Very light tan crystalline limestone. Drills very fine.
4 - 7	1030 - 1065	Dense very light tan and some white limestone, pyrite at base. Drills fine to very fine.
8 - 10	1065 - 1095	Dense white limestone, some tan. Drills fine.
11 - 12	1095 - 1115	White slightly oolitic limestone, slight amount of white silt residue, a few small sand grains. Drills fine.
13 - 14	1115 - 1132	Dense tan limestone. Drills fine.
15 - 16	1132 - 1150	Sixty-seven per cent do, 33 per cent white limestone. Drills medium.
17	1150 - 1160	Fifty per cent white limestone, 50 per cent gray limestone. Drills fine.
18 - 22	1160 - 1216	Very light blue gray limy fine-grained sandstone. Drills medium to fine. (Gas 1200-1204 26 M.)
23 - 25	1216 - 1247	White and light brown very fine-grained sandstone, some gray mudstone. Drills fine to medium. Slightly limy at top.
26	1247 - 1257	Gray siltstone and silty sandstone. Drills medium.
27 - 30	1257 - 1302	Gray siltstone and silty mudstone. Drills medium to fine.
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31	1745 - 1755	Very light gray glassy sandstone. Drills medium.
32 - 33	1755 - 1772	Fifty per cent do, 50 per cent gray mudstone. Drills fine.
34 - 37	1772 - 1812	Light gray very fine-grained sandstone, some gray mudstone. some dark brown very fine-grained sandstone. Drills medium fine to fine.
38 - 39	1812 - 1829	Light gray mudstone, some red silty mudstone. Drills medium.
40 - 41	1829 - 1851	Brown silty shale. Drills medium to coarse.
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42 - 43	2098 - 2121	Brown Shale. Drills medium.
44 - 47	2121 - 2169	Brown Shale. Drills fine. (Gas 2121 inc. 21 M to 26 M.)
48 - 49	2169 - 2192	Brown and light Brown Shale. Drills fine.
50 - 51	2192 - 2216	Brown Shale, some Gray Shale. Drills medium.
52 - 53	2216 - 2238	Brown Shale. Drills medium.

Examined: 2-6-1946

54 - 55	2238 - 2262	Brown Shale, some light Brown Shale, some gray mudstone, a little lime shell at top. Drills fine.
56 - 60	2262 - 2319	Brown Shale, some pyrite. Drills medium to fine.
61 - 63	2319 - 2358	Brown Shale, some dark gray mudstone, some pyrite. Drills medium.
64 - 65	2358 - 2387	Brown Shale, some pyrite. Drills medium.

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Examined: 2-22-1946

66	2387 - 2401	Brown Shale, a little gray mudstone. Drills fine.
67 - 68	2401 - 2429	Brown Shale, hardly any mudstone. Drills medium.
69 - 71	2429 - 2467	Brown Shale, some gray mudstone. Drills medium.
72 - 75	2467 - 2520	Brown Shale and dark Brown Carbonaceous Shale, looks oily, pyrite at base.
76 - 78	2520 - 2560	Dark Brown Shale. Drills fine.
79 - 82	2560 - 2610	Gray mudstone, light gray limy mudstone and some Brown Shale, pyrite. Drills fine
83 - 85	2610 - 2655	Do, very little Brown Shale.
86 - 88	2655 - 2691	Light blue gray mudstone, some light gray mudstone, some lime and sand shell, a little Brown Shale and reddish mudstone. Drills fine.

Total Depth 2691

Shot 8,000# Detonite 1819 - 2635  
Test Before Shot 16 M  
Tubed 21 M Shale  
21 M Lime-Injun