

Wayne 641

OLO No. 792
Wilson Coal Land Co. #53
Lincoln District, Wayne Co.
West Virginia
Elevation: 941'

Examined: 5-10-1949

1	1292 - 1302	Broken white milchy quartz pebbles, some pyrite. Drills coarse.
2	1302 - 1310	Dense light gray lime shell, white quartz pebbles, dark gray mudstone and a little pale green mudstone. Drills medium.
3 - 4	1310 - 1322	Light green siltstone shell, gray silty mudstone, trace of lime and white quartz pebbles. Drills medium.
5	1322 - 1330	Dark gray silty mudstone, some white sandstone shell. Drills medium.
6 - 7	1330 - 1340	Very light gray sandstone shell. Drills medium fine clusters.
8 - 9	1340 - 1355	Dark gray silty limestone shell, pyrite. Drills medium.
10 - 11	1355 - 1363	Mottled light and dark gray limestone shell, pyrite. Drills medium.
12 - 14	1363 - 1374	Brownish gray silty limestone, pyrite. Drills medium. (7" Casing set at 1374.)
15 - 16	1374 - 1391	Very light tan very slightly oolitic limestone with some light green silt at base. Drills medium. (Top Big Lime 1374.)
17 - 21	1391 - 1431	Very light tan slightly silty limestone. Drills medium to medium fine.
22 - 23	1431 - 1451	Mixed light tan and very light tan limestone, some oolites. Drills coarse flat pieces and fine pieces.
24 - 27	1451 - 1484	Dense white and dark brown limestone, some pieces oolitic. Drills coarse to medium pieces.
28 - 31	1484 - 1520	White, very silty, limestone, greenish silt at top. Drills medium to medium fine. (125 M gas 1501 - 1503.)
32 - 34	1520 - 1541	Dense light tan limestone. Drills coarse to medium fine.
35 - 36	1541 - 1552	Dense tan limestone. Drills medium.
37 - 38	1552 - 1567	White, very silty, limestone. Drills medium.
39	1567 - 1575	Dark gray silty dolomitic limestone. Much pyrite. Drills medium. (Base Big Lime 1575.)

Examined: 5-25-1949

40	1575 - 1583	Purple-red siltstone, red siltstone, anhydrite and gray limy siltstone. Drills medium. (McCrary)
41	1583 - 1592	Purple and light gray siltstone. Drills medium. (McCrary)
42 - 44	1592 - 1620	Red siltstone. Drills medium to coarse. (Red Injun)
44 - 45	1620 - 1631	Light gray silty sandstone, some blue gray siltstone. Drills medium to coarse. (Gray Injun)
46	1631 - 1639	Light gray very silty sandstone shell, some pyrite. Drills medium pieces. (Gray Injun)

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47 - 48	1639 - 1658	Light gray muddy siltstone and a little silty sandstone shell. Drills medium. (Gray Injun)
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49	2044 - 2056	Gray mudstone and white silty sandstone shell. Drills medium to coarse.
50 - 52	2056 - 2086	Gray mudstone and a little white silty sandstone shell. Drills medium to coarse.
53 - 54	2086 - 2110	Light gray silty mudstone and a little siltstone shell. Drills medium.
55	2110 - 2122	Light Brown Shale, some gray silty mudstone, some pyrite. Drills medium to coarse.
56 - 57	2122 - 2158	Black Shale, some pyrite. Drills medium to coarse.
58 - 59	2158 - 2166	Fine white silty quartz sandstone, much pyrite. Drills medium pieces. Trace of lime. (Not very good Berea Sandstone.)
60 - 61	2166 - 2182	Light gray very silty sandstone, some pyrite. Drills medium to coarse angular chunks. (Base 1st Berea 2182.)
62 - 63	2182 - 2200	Do. And gray mudstone. Drills medium.
64 - 67	2200 - 2224	Light tan very silty sandstone. Drills medium pieces. (2nd Berea sandstone.)
68 - 69	2224 - 2241	Very light gray mudstone and silty sandstone shell. Drills medium.
70 - 71	2241 - 2256	Light gray mudstone and some siltstone shell. Drills medium.
72 - 74	2256 - 2296	Black silty shale. Drills medium.
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75 - 76	2331 - 2351	Light gray mudstone and siltstone shell. Drills medium.

Examined: 5-26-1949

77 - 83	2351 - 2420	Light gray mudstone and a trace of siltstone shell. Drills medium.
84 - 86	2420 - 2448	Dark Brown silty Shale 75 per cent, and light blue-gray mudstone 25 per cent. Drills medium.
87 - 89	2448 - 2484	Light blue-gray mudstone and some silty sandstone shell. Drills medium to coarse.
90 - 91	2482 - 2498	Light blue-gray mudstone and a little siltstone shell and Gray Shale. Drills medium to coarse.
92 - 94	2498 - 2528	Light gray mudstone and silty sandstone shell. Drills medium.

Examined: 5-31-1949

95 - 96	2528 - 2548	Light gray mudstone and siltstone shell, 75 per cent, and gray shale, 25 per cent. Drills medium.
97 - 98	2548 - 2567	Light Brown Silty Shale, 75 per cent, and light gray mudstone, 25 per cent. Drills medium.
99 - 100	2567 - 2583	~ Light gray mudstone and siltstone shell, pyrite 50 per cent and light Brown Shale 50 per cent. Drills medium fine.

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101 - 107	2583 - 2668	* 3	Brown Shale, some silt. Drills medium.
108	2668 - 2678		Gray Shale 80 per cent, light gray mudstone 20 per cent. Drills medium.
109	2678 - 2682		Light Brown Silty Shale. Drills medium.
110 - 112	2682 - 2715		Brown and some Light Brown Shale. Drills medium.
113 - 114	2715 - 2732		Light gray mudstone, pyrite and Brown Shale 10 per cent. Drills medium.
115 - 118	2732 - 2762		Light gray mudstone, a little silty limy sandstone shell, pyrite. Drills medium fine.
119	2762 - 2770		Light gray mudstone, pyrite 75 per cent and gray shale 25 per cent. Drills medium.
Examined: 6-24-1949			
120	2770 - 2780		Light gray mudstone, some silty mudstone. Drills medium.
120 - 123	2780 - 2812		Brown and Light Brown Shale. Drills medium.
124 - 127	2812 - 2852	* 4	Brown and Light Brown Shale 70 per cent and light gray mudstone, pyrite 30 per cent. Drills medium.
128 - 129	2852 - 2865		Light gray mudstone, a little silty mudstone, pyrite - Brown Shale 5 per cent. Drills medium.
129 - 131	2865 - 2886	* 5	Brown and Light Brown Shale, some pyrite. Drills medium to coarse.
132	2886 - 2897	* 6	Dark Brown Shale, pyrite. Drills medium.
133 - 135	2897 - 2930	* 7	Black Shale, pyrite 95 per cent and light gray mudstone, pyrite 5 per cent. Drills medium.
136 - 139	2930 - 2965	* 8	Black, some Light Brown, Shale, pyrite 80 per cent and light blue gray mudstone and silty mudstone pyrite 20 per cent. Drills medium.
140 - 142	2965 - 2989	* 9	Brown, some Light Brown Silty, Shale 90 per cent and light gray mudstone. Drills medium to coarse.
143 - 145	2989 - 3022	* 10	Dark Brown and Brown Shale, some Light Brown Shale, showing spors - pyrite. Drills medium.
146 - 148	3022 - 3048	* 11	Black Shale, pyrite, some shell at top, some anhydrite in shell. Drills medium.
149 - 152	3048 - 3097		Light blue-gray, some gray, mudstone and silty mudstone, pyrite, some calcite, some limy shell. Drills medium.
TOTAL DEPTH	3097		

The usual monkey-business with this well. One driller ran S. L. 3127 = 3125; Steel Lines on another 3127 = 3097. Had to use one of them.

Shot with 8,250 Lbs. Detonite 2252 - 3097
 T. B. Shot - 89 M all from Lime and Berea
 Tubed @ 2958' 139' cavings in hole.

842 M Shale
89 M Lime-Berea
<hr/> 931 M Total