

OLO No. 700
Wilson Coal Land Co. No. 39
Lincoln District, Wayne County
West Virginia
Elevation: 758.5

way 347

Examined: 12-4-1944

- 1 - 2 878 - 893 Gray siltstone. Drills coarse to fine.
- 3 893 - 905 Black Shale and white sandstone. (Top Salt Sand 904.)
- 4 905 - 910 Very light gray sandstone. Dull. Drills medium to coarse.
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- 5 - 6 1300 - 1312 Dark gray limestone. Drills medium.
- 7 1312 - 1317 Dark gray limestone. Drills fine.
- 8 - 9 1317 - 1327 Very light gray to white limestone. Drills fine. (Top Big Lime 1317'.)
- 10 - 12 1327 - 1338 Light gray limestone. Drills fine.
- 13 - 14 1338 - 1346 (7" Casing 1338'; steel line 1349 = 1338. Very light gray to white chrystalline limestone. Drills very fine to medium.
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- 15 1352 - 1356 Gray soft chalky limestone. Drills medium to coarse. Flaky.
- 16 - 19 1356 - 1375 Gray soft chalky limestone. Flaky. Less chalky than above. Drills medium to fine.
- 20 - 21 1375 - 1388 Dense gray limestone. Drills fine.
- 22 1388 - 1394 Gray limestone, somewhat chalky. Drills medium.
- Examined: 12-5-1944
- 23 - 26 1394 - 1413 Dense light gray limestone. Drills fine. (19 1/2 M Gas 1406 - 1413.)
- 27 1413 - 1418 Dense gray limestone and some gray limestone with gray oolites and some fine white quartz pebbles.
- 28 - 29 1418 - 1430 Light gray to white soft limestone. Drills fine to medium.
- 30 - 31 1430 - 1440 Very light tan, somewhat oolitic, limestone. Drills fine.
- 32 1440 - 1444 Very light gray, somewhat oolitic, limestone. Drills fine. (Gas inc. 17 M to 19 M at 1440'.)
- 33 1444 - 1449 Pure white limestone. Drills fine.
- 34 - 36 1449 - 1463 (Gas inc. 19 M to 41 M 1449 - 1454.) Pure white semi-chrystalline limestone, some white oolites and some white chert. Drills fine.
- 37 - 38 1463 - 1473 Very light gray limestone. More dense. Less oolites.
- 39 - 41 1473 - 1487 Dense light gray limestone. Drills medium. Some chips.
- 42 - 45 1487 - 1509 Light gray limestone. More chalky. Drills medium to fine. (Base Big Lime 1509.)
- 46 1509 - 1513 Light gray limy siltstone. Some gray limeshell. Drills fine. (Top Keener 1509.)
- 47 - 49 1513 - 1529 White sugary anhydrite and gray dolomite. Drills medium. (Base Keener 1529 - part of Big Lime.)
- 50 1529 - 1540 Red siltstone. Drills sharp medium pieces.. (Top Red Injun 1529.)
- 51 - 55 1540 - 1570 Light brown and deep red fine-grained sandstone with a few frosted white quartz pebbles. Drills medium to fine semi-rounded pieces.

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Examined: 12-7-1944

56 - 57	1570 - 1589	Light gray very fine-grained sandstone. Very slightly limy and gray fine-grained micaceous sandstone - more silty - no lime. Drills medium. (Top Gray Injun 1570.)
58	1589 - 1596	Dark gray siltstone and gray fine-grained sandstone. Drills fine.
59 - 62	1596 - 1619	Very light gray and gray fine-grained sandstone. Drills fine.
63 - 65	1619 - 1646	Very light gray very fine-grained micaceous sandstone and some gray fine-grained sandstone. Drills medium.
66 - 68	1646 - 1667	Very dark gray siltstone and silty mudstone. Drills medium.
69 - 70	1667 - 1682	Gray sandstone and siltstone. Drills medium to coarse.

71 - 72	2030 - 2058	Gray mudstone and a little gray siltstone shell. Drills medium.

73	2092 - 2101	Black fissile shale and white very fine-grained sandstone. Very slightly limy. Drills into small pieces. (Sunbury - Berea.)
74	2101 - 2111	White very fine-grained sandstone. Very slightly limey. Drills small pieces.
75 - 76	2111 - 2120	Dense very fine-grained white sandstone. Drills small angular pieces. No lime. Small white pebbles at base. Drills fine.
76	2120 - 2126	Gray mudstone. Drills fine.
77 - 81	2126 - 2173	Dense white very fine-grained sandstone. Drills into small flat pieces.
82 - 83	2173 - 2199	Light brown hard siltstone - pyrite. Drills medium to coarse.
84 - 87	2199 - 2242	Silty Brown Shale. Drills medium.
88 - 91	2242 - 2283	Gray mudstone and some light gray siltstone shell. Drills medium.
92 - 96	2283 - 2360	Light gray mudstone and sandstone shell. Drills medium.
97 - 100	2360 - 2412	Gray siltstone and light gray sandstone. Drills fine.
101	2412 - 2419	Dense light gray limestone. (Looks like a Big Lime sample.)
102 - 104	2419 - 2446	Light gray siltstone and sandshell and Brown Shale. Drills fine to medium.
105 - 107	2446 - 2480	Light gray mudstone and siltstone. Drills medium.
108 - 113	2480 - 2555	Light gray mudstone. Some siltstone shell and silty Brown Shale. Drills medium.
114 - 116	2555 - 2602	Light gray mudstone. Drills medium.
117	2602 - 2620	Dark Brown Shale. Drills medium to fine.
118 - 121	2620 - 2665	Light gray mudstone and some Brown Shale. Drills medium.

Examined: 12-12-1944

122 - 135	2665 - 2856	Light gray mudstone. Some pyrite. Drills medium to fine.
136 - 137	2856 - 2882	Gray mudstone and siltstone. Drills medium.
138 - 141	2882 - 2936	Gray mudstone and siltstone and some Brown Shale. Drills fine to medium.
142	2936 - 2945	Gray mudstone. Drills medium to fine.
143	2945 - 2960	Brown Shale. Pyrite. Drills medium to fine.

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144 - 145	2960 - 2993	Gray mudstone and Brown Shale. Drills medium.
146	2993 - 3015	Brown Shale, silty. Drills medium to coarse.
147	3015 - 3026	Dark gray mudstone and some Brown Shale. (Poor) Drills fine.
148	3026 - 3037	Brown Shale (Poor) and dark gray mudstone. Drills fine.

149	3057 - 3068	Brown Shale and dark gray siltstone. Drills medium.
150 - 151	3068 - 3092	Brown Shale and very light gray mudstone and some siltstone. Pyrite. Drills medium to fine.
152	3092 - 3104	Very light gray mudstone and some siltstone. Drills medium to fine.
Total Depth	3104	

Br Sh - 1e 166 M

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