

OLO No. 710
Koontz Realty Co. No. 3
Harts Creek District
Lincoln County, W. Va.
Elevation - 1057

Box 12
Lin. 612

1 - 14	1607 - 1688	Samples poorly kept - hole caving too badly to use. Examined: 1-20-1946
15 - 18	1705 - 1745	(7" Casing set at 1680'). (Small show gas 1728, not tested until 1920 - 5,410 Cu. Ft.) Light gray limestone. Drills medium to fine.
19 - 20	1745 - 1761	White limestone, some pyrite. Drills fine.
21 - 22	1761 - 1780	Dense white limestone. Drills fine.
23 - 24	1780 - 1800	Dense very light tan limestone, a few oolites. Drills medium to fine.
25 - 26	1800 - 1818	Dense, very light gray limestone. Drills fine.
27 - 28	1818 - 1836	Dense light gray flaky limestone. Drills medium.
29 - 31	1836 - 1870	Do. Drills medium to fine, not flaky.
32	1870 - 1878	Red siltstone, a few quartz pebbles. Drills medium to fine.
33 - 34	1878 - 1893	Red siltstone. Drills medium.
35 - 36	1893 - 1911	Gray silty mudstone, some very light gray sandstone shell. Drills medium.
37 - 38	1911 - 1931	Gray slightly silty mudstone with a few white quartz pebble fragments. Drills medium.
39 - 43	1931 - 2023	Do., no pebbles, a little very light gray sandstone shell with dark mica.
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44 - 45	2347 - 2371	Gray mudstone and light gray silty sandstone shell. Drills medium.
46 - 47	2371 - 2395	Black fissile shale. Drills medium. Examined: 1-23-1946
48 - 52	2395 - 2410	Very fine white quartz sandstone; much pyrite at top. Light gray sand at base. Drills medium to fine pieces. (Gas 2409 inc. 5 1/2 M to 15 M.)
53 - 62	2410 - 2533	Light gray siltstone and silty mudstone. Drills medium to fine.
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63 - 66	3357 - 3408	Gray and dark gray mudstone and some very light gray limy sandstone shell. Drills fine to very fine. (Gas 3381 inc. 14 M to 25 M.)
67 - 70	3408 - 3456	Do., a little Brown Shale. Drills fine. (Gas 3430 inc. 20545 Cu. Ft. to 22,506 Cu. Ft.)
71 - 72	3456 - 3490	Brown Shale and light gray mudstone, hardly any siltstone or lime. Drills medium to coarse. (Gas 3478-3491 inc. 29 M to 41 M.)
73 - 74	3490 - 3521	Brown Shale and light brown, slightly limy, sandstone shell. Drills medium.
75	3521 - 3536	Do., less Brown Shale, hardly any lime.
76	3536 - 3552	(Gas 3534-3549 inc. 38 M to 41 M.) Brown Shale and gray mudstone with some light brown sandstone shell, some pink to red mudstone. Drills medium.
77	3552 - 3564	Brown Shale and gray mudstone and some light brown siltstone. Drills medium.

78 - 79	3564 - 3594	Light gray mudstone and siltstone shell, some light brown sandstone and a little Brown Shale, pyrite at base. Drills medium.
80 - 81	3594 - 3627	(Gas 3591-3623, gas inc to 44 M.) Brown Shale and light gray mudstone, a little siltstone shell. Drills medium.
82 - 84	3627 - 3669	Light gray mudstone, sandstone and siltstone shell, a very little Brown Shale. Drills medium.
85	3669 - 3685	(Gas 3679 inc. 43 M to 97 M.) Do, a little more Brown Shale.
86	3685 - 3700	Dark Brown Shale, a few pieces of light gray siltstone. Drills medium.
87	3700 - 3712	Black Shale of very good quality.
	3712 - 3719	No sample.
Total Depth	3719	Gas 3719 2,841 MCF - tubed 2,524 MCF.