

R. A. Carmody

June, 1941

Lario and Elwell, No. 1 Tudor-Morgan
SE NW 23-24S-13W

Elevation 1912 feet

Standardized at 3628 feet

Pennsylvanian

Pennsylvanian basal conglomerate 3875 feet

3875-3896 feet Red, gray, and various-colored mottled clay,
slightly sandy.

Ordovician top 3896 feet

Subsea -1984 feet

Trenton (Viola) top 3896 feet

Subsea -1984 feet

3896-3910 feet White, fresh, flinty, opaque chert. Cream and
white, finely crystalline, dolomitic limestone.

3190-3925 feet Lime, white, cream to pink and various-colored,
coarsely crystalline. Some chert, as above.

3925-3940 feet Chert, white, flinty, opaque, part mottled with
gray, part asphaltic. Some crystalline limestone.

3940-3954 feet Chert, as above. Some cream, finely crystalline
dolomite and some crystalline limestone.

3954-4000 feet Chert, white to cream, fresh, flinty, opaque.
Limestone and dolomitic limestone.

4000-4020 feet Limestone, white, cream, and light brown, crystalline
to coarsely crystalline.

4020-4022 feet Limestone, as above, with imbedded rounded sand
grains.

Decorah-Platteville (Simpson) top 4022 feet

Subsea -2110 feet

4022-4054 feet Gray and white, calcareous, pyritic sandstone,
with green shale partings and imbedded phosphate
nodules.

4054-4065 feet Shale, black, fissile, slightly sandy and pyritic.
Some sand.

4065-4070 feet Shale, black and green. Some sand.

Arbuckle top 4070 feet

Subsea -2158 feet

4070-4077 feet Dolomite, cream and creamy white, granular.

Chert, flinty, opaque to quartzose, part oolitic.

4077-4087 feet TD. Dolomite, cream, granular to finely crystal-
line, porous. Some oil staining.