

R. A. Carmody

January, 1941

Continental, No. 1 Boland
NE SW 13-25S-13W

Elevation 1913 feet

Rotary Tools

Pennsylvanian basal conglomerate 3960-3970 feet

3960-3970 feet Dark red and some various-colored chert.

Mississippian top 3970 feet (corrected 5 feet for lag)

Subsea -2057 feet

Fern Glen ? top 3970 feet

Subsea -2057 feet

3970-3985 feet White and creamy white fresh flinty chert, opaque to slightly cloudy translucent, part slightly asphaltic, and cryptocrystalline limestone.

Kinderhook top 3985 feet (corrected 5 feet for lag)

Subsea -2072 feet

3985-3990 feet Dark green laminated satiny shale. Some thin streaks of dark red shale.

3990-4010 feet Fine, angular, asphaltic sandstone, limy sandstone, and sandy lime, with some green shale partings.

Devonian ? - Chattanooga absent

Siluro-Devonian absent.

Ordovician top 4010 feet (corrected 5 feet for lag)

Subsea -2097 feet

Viola top 4010 feet

Subsea -2097 feet

4010-4045 feet White, fresh, flinty chert, some tripolitic chert, and fine to medium and coarsely crystalline limestone.

4045-4095 feet White, flinty chert, part with disseminated dolomite rhombs and some granular to finely crystalline dolomite.

4095-4110 feet Coarsely crystalline limestone.

Simpson top 4110 feet (corrected 5 feet for lag)

Subsea -2197 feet

4110-4165 feet Sandstone, part limy, part dolomitic. Green shale and some sandy dolomite and limestone.

Arbuckle top 4165 feet

Subsea -2252 feet

4165-4202 feet Dolomite and some chert.

Total Depth - 4690 feet

Note:

Balance of Arbuckle section to be completed by Conselman.