

September, 1934.

Cooper #1 Everleigh,
SE SE NE, 22-18S-13W,
Elevation ~~1761~~ 1803 Samples borrowed from Shell.

Pennsylvanian conglomerate 3311-3319'

3311-3319 Clay shales, with included sand and chert. There may be a foot or two of chert and sand on top of the dolomite. There is no residuum proper.

Ordovician Top 3319'

Arbuckle " " Penetration 281'

Sub-sea, minus 1638'

3319-3600 Pre-Cotter dolomite. An excellent set of samples giving the sequence in detail. However, the tentative divisions of the Pre-Cotter as shown in the Mid-Kansas #1 Boyce, 18-6S-13W, are not clearly shown in this well.

3319-3503 Undivided Pre-Cotter

3503-3562 Everleigh sand

3562-3600 Basal sand.

Pre-Cambrian Top 3600'

Sub-sea, minus 1819' 1797

3600-3688 Metamorphic rocks, quartzites, schists, and some material which appears to be granite wash.

3688-4175 Granite, mainly biotitic.

3319
1803
-1516