

February, 1940.

Stanolind #3-E Allen,
NE NW SE, 31-22S-11W,
Elevation 1814'

Pennsylvanian conglomerate None.

Decorah

3538-3572'

3538-3572 Shales, rare dolomite, and sand. Appears to be a normal section although rotary does not permit much detail.

Arbuckle Top 3572' Penetration 37' Sub-sea, minus 1758'

3572-3574 Dolomite, brown fine. Presumably Miller. There is little evidence of a residuum layer and it is not probable that there was marked solution of the top of the Arbuckle.

3574-3609 No samples.

This test is the south offset to a sinkhole. The top of Arbuckle is structurally low and it is probable that there is some compaction due to solution but the amount of this cannot be estimated. Such solution would occur well down in the section as there is no direct evidence of solution of the top of the Arbuckle.