

August, 1936.

Schmerhorn #1 Riedl,
C SE $\frac{1}{4}$, 13-188-16W.
Elevation 1930'

Pennsylvanian conglomerate 3440-3455'?

3440-3448	Clay shales and nodular limes; with included sand and chert.
3448-3452	Sand, medium to coarse; with chert.
3452-3455	Sand, clay shale, and nodular limes.

Questionable Arbuckle Top 3455' Penetration 4' Sub-sea, minus 1525'

3455-3459	Sand, consolidated, in part quartzitic; fine with rare included coarse grains.
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This basal sand may be either Arbuckle or Pennsylvanian. The fact that it contains no included chert pebbles is merely a negative criterion for identification. The silicification of a few clusters suggests long exposure, as does the partial quartzitic replacement on the individual grains.

Map as questionable Pre-Cotter.