

March, 1942.

Sherman #1 Neidenthal,
C S $\frac{1}{2}$ SW NE, 23-14S-15W,
Elevation 1757'

- Pennsylvanian conglomerate 3165-3181'
- 3165-3166 Marine lime with rare included sand grains.
 - 3166-3171 Pink sandy nodular lime; sandy green clay; and sand with some chert.
 - 3171-3178 Conglomerate of chert and sand. Chert ranges from clear to milky with abundant quartzose types. Oolites, both imbedded and loose, indicate that the greater part of the chert was derived from the Cotter. The conglomerate is friable excepting for a few fragments of silicified sand which may be detrital and derived from the nearby Boyce outcrop.
 - 3178-3181 Mainly cavings of clays and nodular limes.
- Arbuckle Top 3181' Penetration 1' Sub-sea, minus 1424'
- 3181-3182 Pre-Cotter, probably Pre-Boyce. Dolomite, white to brown, fine to medium.

ML and RFW