

June, 1940.

Mabee #1 Horesji.
C S $\frac{1}{2}$ SW NE, 17-16S-10W,
El. 1887'.
Rotary.

Pennsylvanian conglomerate 3375-3378'
3375-3378 Stained chert conglomerate.

Arbuckle Top 3378' Penetration 26' Sub-sea, minus 1494'
3378-3402 Mixture of dolomite and residuum. The rotary samples do not permit close differentiation of solid dolomite from badly riddled dolomite and residuum. In type the dolomite at the top suggests Purcell, as do shales containing some phosphate and glauconite. The latter may also be slumped in from the Decorah before it was removed. A zone of oolites at 3400' may be either Purcell or Cotter.

No accurate estimate can be made on the restored top of the Arbuckle. Map as questionable Purcell.