

October, 1934.

Reserve #1 Heinz,
NW SW SE, 8-188-10W,
Elevation 1753'

Pennsylvanian conglomerate 3197-3221'

- 3197-3202 Clay shales, maroon and green.
- 3202-3207 Clay shales; with rare stained oolitic chert.
- 3207-3210 Clay shales; with nodular sugary white limestone.
- 3210-3217 Sand, fine to medium, cherty; with sandy green clay.
- 3217-3221 Clay shale, fissile, maroon and green.

Ordovician residuum 3221-3256'

- 3221-3238 Cotter residuum. Chert, oolitic; and white sandy clay at top. Red sandy clay and amber oolitic chert toward base. Coarse sand scattered through pale green clay at base.
- 3238-3256 Pre-Cotter residuum. Red and green mottled clay with included sand and chert. Pale green sandy clay at base.

Ordovician Top 3256'

~~3256-3265~~

Sub-sea, minus 1503'

- Arbuckle " " Penetration 9' " " " "
- 3256-3265 Pre-Cotter dolomite.

Note that the Cotter Pre-Cotter contact is placed in the residuum. The present structural position of the Ordovician topographic surface is the top of the residuum, 3221' or - 1468'