

October, 1936.

15-167-06585

Winkler and Koch #1 Herman,  
C SE NW, 27-12S-15W,  
Elevation 1852'

Dec

Pennsylvanian conglomerate 3303-3326'

3303-3326 Green clay shales with considerable white chert, much of which is of Viola type. This chert is probably scattered through green clay shale in the upper part and may be a solid layer of detrital chert at the base. In fact the basal part may be residuum of a Decorah lime layer.

Ordovician Top 3326'

Sub-sea, minus 1474'

Decorah 3326-3336'

3326-3336 Green shales and sandy green shales. Rare sand.

Arbuckle Top 3336' Penetration 25' Sub-sea, minus 1484'

3336-3361' Miller-Purcell dolomite. The dolomite section is badly weathered at the top. It is probable that the section is compacted by solution and that about 35' is represented by the 25' section drilled.

This is a normal section except for the degree of weathering, which indicates the location to be near the edge of the paleo-outcrop of the Decorah. The re-entrant of Decorah outcrop which projects southward between the Fairport and the Russell structural highs is established by this well.