

May, 1936.

Winkler and Koch #1 Bemis,  
NE corner, 21-11S-17W,  
Elevation 1834'

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Pennsylvanian conglomerate 3304-3317'

3304-3317 Chert and sand conglomerate. The chert is mainly stained and locally derived from the Viola. The sand is relatively coarse. It is probable that there is a clay matrix as no cemented fragments of conglomerate appear.

Ordovician Top 3317'

Sub-sea, minus 1483'

Beulah 3317-3345'

3317-3345 Shales, chocolate, green, and maroon; showing considerable weathering. Phosphate nodules and scattered yellow dolomite rhombs are common and show that leaching is not deep seated.

Arbuckle Top 3345' ? Penetration 6' ? Sub-sea, minus 1511'

3345-3351 No samples on account of well flowing. Made 1686 bbls. Probably Miller-Purcell.