

Hinkle & Gulf # 2 Willenberg
Sec. 27-16s-11w, SW SE NW
Elev. 1929' DF _{ACS} P

Rotary

June 1946

Pennsylvanian conglomerate

Rare sand grains in the basal foot or so of marine conglomerate.

Residuum of Arbuckle Top 3361' Thickness 20' Subsea -1432'

3361-3381 Fresh Arbuckle cherts. White and buff cherts, unoxidized, showing a chert sequence of -- (1) translucent types at top, (2) quartzose oolitic chert, (3) dull white opaque types, and (4) dense buff quartzitic chert at the base. The Pre-Cotter contact is within this interval. Probably near 3375'. Slumped residuum in a local sinkhole.

Arbuckle Top 3381' Penetration 5' Subsea -1452'

3381-3386 Dolomite, white, medium to coarsely crystalline, in part with intercrystalline POROSITY and OILSTAINING. Rare sand grains in dolomite. Small amount of dense quartzitic buff chert.

Remarks: Restored top of the Pre-Cotter cannot be accurately estimated, but it is probable that 30' or more of Pre-Cotter dolomite has been removed by solution. Test completed in March 1945 as a 223 bbl. well.

RFW