

April, 1944

Anderson Prichard #1 Michaelis
Section 27-15S-14W, C WL NW SE
Elev. 1908'

Rotary

Pennsylvanian Conglomerate 3360'-3365'

3360-3365 Rare sand grains and unweathered Arbuckle cherts are present in marine limestones. Marine conglomerate.

Arbuckle Top 3365' Penetration 30' Subsea -1457'

3365-3371 Dolomite, white, coarsely crystalline. Some oilstaining. Pre Cotter, Post Boyce.

3371-3380 Residual clay, brown and green, sandy and pyritic. Few chips of milky and quartzose cherts, both oolitic, showing clay contacts, are present in rotary samples. Rare dolomite, in part clayey. Residual material, both basal Cotter and upper Post Boyce, slumped in cracks and fissures, or as cavern fill. In any case, Pre Cotter porosity is destroyed by solution erosion.

3380-3390 Dolomite, white, medium to coarsely crystalline.

3390-3395 Dolomite, white, coarsely crystalline. Some spotty oilstaining, fair porosity, Post Boyce.

Remarks: Local solution has practically destroyed the Pre Cotter reservoir porosity near the top of the Arbuckle in this dry hole drilled in 1941.

RFW