

January 1945

Gear #1 at #1 Carroll
Section 21-17S-14W, SW NE SE
Elev. 1886'

Cable tools below 3357'

Pennsylvanian Conglomerate: Upper few feet of the interval below may be conglomerate.

Residuum of Arbuckle Top 3345' Thickness 11' Subsea -1459'

- 3345-3350 Chert and red clay. Pink to white flinty cherts showing red clay contacts. Residuum of Cotter.
- 3350-3356 Oolitic chert and red clay. Clear to white quartzose chert with abundant white oolites. Residuum of basal Cotter.

Arbuckle Top 3356' Penetration 14' Subsea -1470'

Cotter 3356'- 3368'

- 3356-3361 Dolomite and chert. Fine to dense, oil-stained dolomite in the upper half, medium crystalline dolomite below. About 30% white flinty chert and some brown, doloclastic, sandy residual clay.
- 3361-3368 Sandy dolomite. Fine to dense, white dolomite with 10% included rounded, frosted sand grains, and with a trace of bedded green shale.

Pre Cotter 3368'- 3370' TD

- 3368-3370 Dolomite, white, medium to coarsely crystalline, oil-stained. Includes 4% fragile, white quartzose chert.

Remarks: Test made a 250 barrel well. "Pay" is in the Pre Cotter dolomite. It is probable that considerably better porosity would be encountered by deepening the test an additional few feet.

RFW:HL