

December 1944

Davis-Child #1 Scott
Section 7-7S-22W, NE NW
Elev. 2357'

Rotary

Residuum of Arbuckle Top 3925' Subsea -1568'

3925-3937 Clay. Red and white mottled "fat" residual type clay.

3937-3947 Clay and chert. Red clays as above and some fresh, brown, quartzose oolitic chert. Rare sandy clay. Residuum of Cotter and Pre Cotter.

Arbuckle Top 3947' Penetration 53' Subsea -1590'

Pre Cotter 3947'- 4000' TD

3947-3950 Vuggy dolomite with dark tarry oil.

3950-3954 Cored. Recovery, 4 feet of dolomite saturated with black tar material, according to Cole (Letter #50, 1943).

3954-3980 Dolomite. Variably crystalline, mostly fine to medium, buff-white dolomite with some spotty asphaltic oil staining in the top part.

3980-4000 Dolomite. White, pink, and rare red, medium crystalline dolomite with a small percentage of soft, white, coarsely dolocastic chert.

Remarks: Dry hole drilled in 1943.

The Arbuckle section drilled is upper Pre Cotter, either Post Boyce or Pre Boyce. Map tentatively as Post Boyce.

Very heavy tarry oil in the Arbuckle has been encountered by all three of the tests drilled in this township -- the #1 Scott, our #1 Boller in Section 29, and the recently drilled Skelly #1 Davis in Section 15.

RFW:HL