

January, 1940.

✓
Sinclair Prairie #1 Kroutwurst, (Wm)
SW SW SW, 34-16S-11W,
Elevation 1915'. *of R*

Pennsylvanian conglomerate None?

No conglomerate is assigned in this test, It is probable that the upper few feet of the interval of the Arbuckle residuum is conglomerate.

Arbuckle residuum 3355-3411'

3355-3411 Chert, light gray to green sandy clays, and sand. The upper part is definitely Cotter, not more than 60' above the base. The contact between Cotter and Pre-Cotter is in the residuum, possibly about 3390'. This 56' interval of residuum probably represents 125' of dolomite.

Arbuckle Top 3411' Penetration 34' Sub-sea, minus 1496'

3411-3415 Dolomite, white, coarse, sandy. Questionably post-Boyce dolomite.

3415-3445 Sand, medium, consolidated; with interbedded white dolomites containing included sand ranging from very coarse (2 mm.) to fine.

Both the interval shown from the Cotter residuum and the type of sand suggests Boyce sand rather than the Everleigh-Reagan. The sand could be in any part of the Pre-Cotter, as a basal phase on overlap.