March, 1944

Wakefield #1 Phinney
Section 5-15S-14W, C EL SE NE
Elev. 1757'

Cable tools

Pennsylvanian Conglomerate 3207'-3216'

3207-3211 Sandy to very sandy buff limestone with oxidized chert pebbles.

3211-3216 Conglomerate of chert pebbles, sand, and feldspar, in part lime cemented. C herts are bright colored, oxidized, worn, derived from the Arbuckle. Coarse and very coarse sand grains. Some worn coarse feldspar fragments. Marine conglomerate.

Residuum & Arbuckle Top 3216' Thickness 4' Subsea -1459'

3216-3220 Clay, dark red and pale greenish-white, in part mottled. Residuum of Pre Cotter.

Arbuckle Top 3220' Penetration 33' Subsea -1463'

3220-3245 Dolomite, white, coarsely crystalline, vuggy. Post Boyce member of the Pre Cotter.

3245-3250 Dolomite, coarsely crystalline with 10% included medium and coarse sand grains. Lower Post Boyce, near top of Boyce.

3250-3253 TD. Samples poor, HFW. Sandy white dolomite. Test is either very close to the Boyce member or in it.

Remarks: Dry hole. Top of Boyce member of Pre Cotter estimated at 3257' or Subsea -1500'.

RFW