

Cities Service, # B-2 Rogg
CWL SW SE, 20-14s-13w
Elev. 1777' $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$

Rotary to TD.

Pennsylvanian Conglomerate 3201'-3240'

- 3201-3231 Marine conglomerate. Sandy white limestone mottled red with red shale partings, red shale, loose rounded medium and coarse sand, and 5 to 10% oxidized hard cherts. Both Cotter and Boyce cherts present. Details of section not clear from rotary samples.
- 3231-3240 Marine conglomerate as above but with less limestone in rotary samples and an increase in loose sand. Rare limy sand. Pebbles of Cotter chert, and red, worn, dolocastic Boyce sandy chert present. Total chert only about 5%.

Arbuckle Top 3240' Penetration 2' Subsea -1463'
3240-3242 Sand. Pre Cotter. One hour circulation sample at 3242' TD. includes a dozen small very friable clusters of sand, fine with some medium and rare scattered coarse grains. Bright red grains present. Appears less clean and includes more red grains than Everleigh-Reagan in cores in C S $\frac{1}{2}$ NE NW 29-14s-13w. Could be basal Boyce in place, wash from lower Boyce into topographic low, or sand concentrated by solution of pre-Boyce dolomite in topographic low. Map as pre-Boyce.

Remarks: Test abandoned, July, 1941.

RFW