Sinclair #5 Schmidt
Section 20-16S-11W, NE NW NW
Elev. 1683'

Rotary

Nov. 1944

Pennsylvanian Conglomerate

Top ~~reported at~~ probably near 3399' (-1416'). No samples above 3350' circulated.

Residuum of Arbuckle Top not known

3345-3350	Chert and red clay. Basal Cotter cherts, both white flinty and brown quartzose oolitic, showing red clay contacts. Residuum of basal Cotter.
3350-3385	Gray-green residual clay. Rare dense, buff quartzose chert, not oolitic. Poor rotary samples. Residuum of Pre Cotter.
3385-3394	Residual clays and coarse sand grains. Residuum of basal Post Boyce.

Arbuckle Top 3394' Penetration 31' Subsea -1511'

3394-3400	Sandy dolomite, silicified sand, and sandy quartzose chert with voids. Dolomite is white, coarsely crystalline, and includes coarse sand grains. Boyce.
3400-3425	Sandy dolomite. Rotary samples very poor and consist largely of Pre Cotter residual clays.

Pre-Cambrian Top 3425' Penetration 3' Subsea -1542'

Pt

3425-3428	Granite (?). Coarse pink feldspar with attached biotite, chlorite, and rate quartz. Also present are two chips of schistose metamorphic rock with both light and dark micas. Only a half dozen chips of Pre-Cambrian material in poor rotary samples uncirculated at 3328' TD. Could be granite or could be a metamorphic series intruded by pegmatite as encountered in the Sinclair #4 Prusa, C NL SW SE of the same section.

Remarks: ~~Dry hole.~~ Gans well.