April, 1940.

Gulf #1 St. Aubyn,
NE NE NE, 1-15S-15W,
Elevation 1784'

Pennsylvanian conglomerate. Samples not examined. Might have been some sandy lime or sandy shale from 3210-3212' in gap between cores taken from 3208-10' and 3212-14'

Arbuckle Top 3212' Penetration 12' Sub-sea, minus 1428'

3212-3214 Sandy dolomite with cracks filled with clayey sand residuum. This interval is virtually all residuum and is non-porous.

3214-3217 No core. Price reported top of Arbuckle as 3215½' which is top of porosity.

3217-3223 Dolomite, sandy. Contains about 30% sand disseminated through the dolomite. This section is not sandy enough nor has it been dissolved enough for sand porosity to be present. The high sand content appears to hinder the development of tiny vug and crevices. Virtually all of the porosity is of the fracture type and is both vertical and horizontal.

This is the Boyce member of the Pre-Cotter. It is a highly sandy dolomite in this part of the Uplift.

IP. 48BO + 336 BW