

March, 1942.

Gulf #1 Hall,  
SW NW SE, 36-14S-15W,  
Elevation 1786'

Pennsylvanian conglomerate 3210-3217'  
3210-3217 Brown lime and sand.

Arbuckle Top 3217' (Carmody) Penetration 8' Sub-sea, minus 1431'  
3217-3222 $\frac{1}{2}$  Sand. Termed Pre-Cotter by Carmody in 1936 and  
Boyce by Carmody in 1937.  
3222 $\frac{1}{2}$ -3225 Sand, medium to coarse, friable, traces of dolomite  
Boyce sand member of Pre-Cotter.

Samples between 3219-3222 $\frac{1}{2}$  not examined in Tulsa. Evidence  
of sand in cuttings not conclusive. Core of a part of this interval  
was examined by Carmody at the well.

ML