

2-4  
December, 1941.

Atlantic #1 Shaeffer,  
C WL NW SW, 3-21S-13W,  
Elevation 1886'

Pennsylvanian conglomerate 3510-3535'

3510-3520 Limestone with included sand and chert.

3520-3525 Sand, fine, consolidated, stained. Poor porosity.

3525-3535 Limes and shales with rare clay shale and chert.

Arbuckle Top 3535' Penetration 17' Sub-sea, minus 1649'

3535-3539 $\frac{1}{2}$  Dolomite, white, medium to coarse. Rotary.

3539 $\frac{1}{2}$ -3552 Dolomite, medium and white at top, fine and brown at base. Drilled with cable tools.

Upper Miller dolomite. Comparison with the west offset, which has Decorah cover, indicates that less than 5' of Arbuckle has been eroded. On regional comparison there appears to be a full section of Miller present. Restored top of Arbuckle the same as actual top, minus 1649'.