

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'.