

September, 1934.

Atlantic #1 Gates,
C NW SE, 27-21S-13W, V-R
Elevation 1880'

Pennsylvanian conglomerate 3575-3598'

- 3575-3580 Clay shales and nodular limes; included stained chert.
- 3580-3585 Sandy shale, green; rare chert.
- 3585-3590 Clay shales, red and green, sandy.
- 3590-3598 Clay shales with included stained chert.

Ordovician Top 3598'

Sub-sea, minus 1718'

Trenton residuum 3598-3633'

- 3598-3633 Chert, white, milky, weathered.

Decorah 3633-3680'

- 3633-3638 Shale, maroon and green, platy.
- 3638-3640 Sand, with maroon and green shale. Rare Decorah chert.
- 3640-3650 Shale, green and maroon, abundant fossils.
- 3650-3656 Shale, green.
- 3656-3680 Shale, green and maroon, silty to sandy. Thin sand at base

Arbuckle Top 3680' Penetration 35'

Sub-sea, minus 1800'

- 3680-3715 Miller dolomite. Zone 9 oolites 3698' or-1818'

Nearly the full thickness of Miller was penetrated in this well. Compare with the Magnolia #1 Tucker, 27-21S-13W.