

December, 1939.

Atlantic #1 Harris,
NW corner, 33-21S-12W,
El. 1859'.

Pennsylvanian conglomerate, 3535-3550'.
3535-3550 Fine consolidated sand and stained chert.

Viola residuum 3550-3580' 30'
3550-3580 White chert and rare red clay.

Decorah 3580-3635' 55'
3580-3635 Green shale and rare sand.

Arbuckle Top 3635' Penetration 24' Sub-sea, minus 1776'.
3635-3659 Dolomite, fine to medium, brown. Presumably
Miller.

Rotary samples do not permit zoning of the Arbuckle. Hence no detail can be obtained on the possibility of solution of the Arbuckle which might have caused compaction enough to account for the low structural position of the test. In the absence of positive evidence as to the condition of the Arbuckle, the actual top is taken as the restored top, but is questioned.