

November, 1936.

Wolf Creek #1 Staab,
NW NW SE, 19-12S-17W,
Elevation 2128'

Del

Pennsylvanian conglomerate No conglomerate proper.
3635-3638 Sandy red nodular lime and sandy red clay.

Ordovician Top 3638' Sub-sea, minus 1510'
Viola residuum 3638-3651'
3638-3650 Dark red clay and red weathered, porous, chert.
3650-3651 No sample.

Decorah 3651-3674'
3651-3671 Shales, green, maroon, chocolate; in part sandy.
Some included dolomite crystals and some thin
streaks of shaly dolomite.
3671-3674 Sand, medium, consolidated. Strongly oilstained.
112'

Arbuckle Top 3674' Penetration ~~102~~' Sub-sea, minus 1546'
71 - 3674-3745 Miller-Purcell dolomite.
3745-3786 Cotter dolomite. The top of the Cotter is marked
by pink and yellow stained dolomite and by amber
and salmon-colored stained cherts. This type
of staining is uncommon and probably occurred in
post-Mississippian time, when the top part of the
Cotter was a ground water conduit.

It is suprising that this well did not produce. It is seven feet higher than the small producer in the northeast corner of Sec. 19. Oilstaining of the basal Decorah sand and of some of the dolomite in the top of the Miller-Purcell indicated the presence of some oil. This well tested only its location and the area is still to be considered favorable.