

R. A. Carmody

June, 1941

Helmerich and Payne, No. 1 Lloyd
C SL SE SE 6-4S-17W

Elevation 1854 feet

Rotary Tool Well

Pennsylvanian

Pennsylvanian basal conglomerate 3535 feet (corrected 5 feet for lag)
3540-3585 feet Red and various-colored sandy clay and loose rounded sand grains. Rare red and various-colored stained chert.
3585-3595 feet Red and various-colored stained chert and sandy clay and sand, as above.
Ordovician top 3590 feet (corrected 5 feet for lag) Subsea -1736 feet
Trenton (Galena residuum) top 3590 feet Subsea -1736 feet
3595-3640 feet Chert, white, smooth, flinty, opaque, and white to pale purple, rough, pitted, finely dolocastic chert. (Much conglomerate as above)
Decorah-Platteville top 3635 feet (corrected 5 feet for lag)
3640-3685 feet Green to red and Subsea -1781 feet various-colored laminated shale, part with imbedded phosphate nodules and sand grains. Some dolomite and some ferruginous oolites.
Arbuckle (Cotter) top 3681 feet (determined by change in drilling time and lag) Subsea -1827 feet
3685-3725 feet Dolomite, white to cream and pink, medium and coarsely crystalline. Some rare imbedded sand grains. Very rare oolitic chert.
3725-3830 feet TD. To be examined and reported by Mr. Conselman.