

052882

January, 1941

Shields, No. 1 Paxson
NE/c 11-8S-24W

Elevation 2313 feet

Poor rotary samples. Well completed as Kansas City producer after perforating casing. Arbuckle highly oxidized, with unsaturated porosity reported in top of section.

Residues very poor, but supplement gross sample criteria. Possible four-foot downward correction at total depth.

Ordovician

Arbuckle. Top 3965 feet, or 1652 feet subsea. Penetration 139 feet (or 135 feet ?). Pennsylvanian basal conglomerate cover.

3965- 4010? Lower Cotter, oxidized.

4010?-4100 Pre-Cotter. Top approximate. Apparently all post-Boyce, with possible Boyce just reached at bottom of hole.

4100 - 4104 Total Depth. Sample gap or correction.

Remarks:

If this interpretation is correct, the Arbuckle top is lower in the Cotter than anticipated, and may indicate an Arbuckle structural feature, as yet undefined. Our No. 1 Boller, now drilling in Sec. 29, T.7S., R.22W., should furnish important additional information.

FBC