

August 1944

Phil-Han And Helmerich & Payne #1 Miller
Section 22-15S-12W, NE/c
Elev. 1803'

Rotary

Pre-Pennsylvanian land wash or residuum Top 3251' Subsea -1448'

3251-3260 Red chert. Fresh translucent pink and red Cotter
cherts. May be conglomerate.
3260-3288 Chert and clay. Fresh Cotter cherts showing red
clay contacts. Abundant quartzose oolitic chert.
Some coarse sand at the base. Probably residuum
of basal Cotter.

Arbuckle Top 3288' Penetration 23' Subsea -1485'

Post Boyce 3288'-3300'

3288-3300 Dolomite and green clay. White coarsely crystalline
dolomite with scattered coarse sand grains. Pale
green residual clays.

Boyce 3300'-3311'

3300-3311 Sandy dolomite and dolomitic sand. Rare silicified
sand with pink grains and voids. About 60% sand.
Very coarse sand grains in the bottom 5 feet.

Pre Cambrian Top 3311' (Scout) Penetration 3' Subsea -1508'

3311-3314 Reported as Pre Cambrian. No Pre Cambrian material
in uncirculated rotary samples to 3314' T.D. The
presence of very coarse sand grains in the Boyce
indicates that the Pre Cambrian is near and tends to
confirm the scout call.

Remarks: Dry hole drilled in 1942.

RFW:HL