

15-167. 90916

July, 1942

Shell, # 1 Dunler
SE NE NW, 24-14S-14W
Elev. 1764'

Rotary

Pennsylvanian Conglomerate 3175'-3191'

3175-3180 Light buff marine limestone with abundant imbedded very coarse sand grains, pitted and faceted, some with black inclusions. Grades downward into

3180-3191 Lime cemented conglomerate of coarse sand and white feldspar fragments with rare oolitic chert fragments in the basal few feet. Sand grains are very coarse, irregularly shaped, recrystallized with facets on all surfaces--even back in pitted reentrants. Some black inclusions. Reworked basal Arbuckle sand originally derived from Pre Cambrian.

Arbuckle Top 3191' Penetration $3\frac{1}{2}'$ Subsea -1427'

3191-3194 $\frac{1}{2}$ Recrystallized medium sand with some coarse grains, in friable clusters. Top few inches tightly silicified to form quartzite crust.

Remarks: Top of Pre Cambrian reported at 3194' or Subsea -1430'
Rotary samples to 3194 $\frac{1}{2}$ ', uncirculated, include no Pre Cambrian material, but without circulation samples, ~~XXXXXXXXXXXXXXXX~~ the sample record is incomplete for the last foot or two drilled.

RFW & ML