

April, 1942

Cities Service, # 1 Boxberger
NE/c, 23-13S-15W
Elev. 1846' ^{DF} _{LC} (Printed)

Cable tool dry hole

Pennsylvanian conglomerate 3281-3295'

- 3281-3291 Brown and white fine limestone, pyritic, with rare included sand grains. Few colonial corals, Shaetaetes.
- 3291-3295 Limestone, flesh colored, recrystallized, finely crystalline; in part conglomeratic with included sand grains, dark green shale pellets, and one chip of oolitic chert. Some interbedded green shale.

Arbuckle Top 3295' Penetration 54' Subsea -1449'

Cotter 3295'-3347'

- 3295-3315 Dolomite, brown, medium to coarse. About 8% chert. Abundant oolitic chert and sand in basal four feet.
- 3315-3322 Dolomite, brown, fine and medium with about 25% sandy milky chert and oolitic chert.
- 52 3322-3327 Dolomite, light brown and white, medium to coarse, sandy, with 25% chert, largely quartzose and oolitic.
- 3327-3339 Dolomite, brown, fine and medium, slightly sandy with about 15% milky and quartzose chert.
- 3339-3347 Dolomite, white, very fine, sugary, sandy, green clay partings, with 6 to 20% chert partly oolitic with sand centers in oolites. Test made 9 bailers of water in 2 hours from 3343-3347'.

Pre Cotter 3347'-3349' TD Top, Subsea -1501'

3347-3349 Dolomite, white, coarsely crystalline. Rare clear quartzose chert.

Remarks: Type section for basal Cotter in this township. Residue character and chert sequence permit detailed correlation with the basal Cotter sequence in 15 and 16S-15W.

RFW & ML