

February 1945

Gypsy #1 Galliart
Section 34-15S-12W, NE SW
Elevation 1848'

Description of Cores in the Tulsa Core File

Pennsylvanian Conglomerate 3285'- 3293'

3285-3289 Red clay and limestone. Buff, very finely crystalline limestone with vugs and irregular cavities, several inches across, plugged with sandy red clay.
3289-3291 Sandy dark red clay.
3291-3292 $\frac{1}{2}$ Light green sandy residual-type clay, slickensided.
3292 $\frac{1}{2}$ -3293 Conglomeratic limestone. Buff limestone with abundant included sand grains of all sizes and with worn chert pebbles, mostly about 5 mm, but with one 50 mm pebble. Marine conglomerate.

Arhuckle Top 3293' Penetration 27' Subsea -1445'

Pre Cotter, Post Boyce member 3293'- 3317'

3293-3300 White, coarsely crystalline dolomite with the porosity plugged with green residual clay.
3300-3308 White, coarsely crystalline dolomite, oil stained. Inter-crystalline and vuggy porosity. Residues show 2% medium and coarse recrystallized sand grains and a trace of 2 mm flakes of muscovite.
3308-3317 Slightly sandy dolomite. White, coarsely crystalline dolomite with poor spotty porosity. The tighter beds include about 7% recrystallized sand, mostly fine. The influence of the Pre-Cambrian basement is shown by the presence of rare coarse sand grains with black inclusions and a few big muscovite flakes.

Boyce 3317'- 3320' TD

3317-3318 Quartzite. Quartz cemented sand with red grains, vugs, voids, and with areas of white quartzose chert which has drusy quartz crystals lining unfilled vugs.
3318-3320 Sandy dolomite. Coarsely crystalline dolomite with poor porosity. Rare red sand grains and large muscovite books are present.

Remarks: Test drilled in 1935. Given an initial of 100 barrels after plugging back to 3312' and acidizing. Abandoned in July 1938 after producing 7,505 barrels of oil.

RFW:HL