

Tulsa, Oklahoma
September, 1946

Virginia Drilling #1 Howell
Section 36-183-15W, SE NE
Elev. 1895'

Rotary

Pennsylvanian Conglomerate:

3459-3494' Oxidized cherts and red clay. Flinty cherts oxidized bright red and yellow, showing red clay contacts. Rare sand grains in clay. Not a residual section. Probably non-marine conglomerate.

Arbuckle

Top 3494'

Penetration 8'

Subsea -1599'

3494-3496' Oil-stained dolomite. Buff-white, medium to coarsely crystalline dolomite with spotty intercrystalline oil staining. Only a few dolomite chips in a circulation sample at 3496'. Pre Cotter, Post Boyce member.

3496-3502' No samples.

Remarks: Completed in February 1946 for an estimated 100 BOPD. Discovery well of the Merton Northeast Field.

RFW:HL