

June 1942

Palmer, # 7 Killian
SE SW NE, 28-13S-14W
Elev. 1853'

Dry hole
Cable Tool

Pennsylvanian Conglomerate

None. Nodular brown limestone and soft light gray flaky shale with ostracods rest on dolomite

Arbuckle Top 3270' Penetration 21' Subsea -1417'
Post Boyce 3270'-3284'

3270-3278 Dolomite, white, medium and coarse, in part friable and oilstained.

3278-3282 (Four 1' samples) Cement, nodular brown limestone, coarse broken surface sand with fresh feldspar, cavings. No dolomite at all in two samples.

3282-3284 Dolomite, white, coarse, slightly sandy.

Boyce 3284'-3291' TD. Top, Subsea -1431'
3284-3288 Silicified sand, medium and coarse, with poorly developed solid or hollow white colites in the silicious cement. No porosity.
3288-3291 No Samples.

Remarks: The abundance of cement in the detailed samples from 3278-3282 and the complete lack of Pennsylvanian cavings in the Boyce sample from 3284 to 3288 would suggest that pipe was set at about 3278'. It appears that 8 feet of dolomite, more than half of which is very porous and shows good oil staining, is behind the pipe. The Arbuckle is topographically higher than many producers in the Russell Field. This "dry hole" does not condemn acreage to the North, West, and South, now undrilled.

RFW & ML