

March, 1941

Continental, No. 5 Scheufler  
NE NE NW 24-20S-12W

Elevation 1813 feet

Rotary salt-water disposal well, with sink or channel in upper Arbuckle. Samples at 5-foot intervals to 3445 feet, 10-foot intervals 3445-3760 feet, worthless 5-foot samples 3760-3820 feet.

Pennsylvanian

Basal conglomerate

3340-3436 feet Sink-hole or channel fill, chiefly Viola cherts with some Simpson materials, reworked.

Ordovician

Arbuckle top 3436 feet, or 1623 feet subsea.

(Restored top 3340 feet, or 1527 feet subsea.)

Penetration 324 feet plus reported 55 feet.

3436-3675 feet Cotter cherty dolomites. Subdivided as follows:

3436-3440 feet Basal Zone IV.

3440-3573 feet Zones III and II, undifferentiated, possibly separable at 3500 feet.

3573-3675 feet Zone I.

3675-3760 feet Pre-Cotter crystalline dolomites, slightly cherty. Slight sand content at base of interval may mark transitional approach to Boyce zone.

3760-3820 feet TD. Worthless samples. Cement, surface sand, and recirculated small amounts of higher cuttings.

Top Pre-Cambrian granite reported 3815 feet.

Remarks:

This section, combined with Lario, No. 1 Meyer, SW/c 13-20S-11W, affords valuable information as to intervals in this area. Apparently the section from the base of the Boyce to top of pre-Cambrian cannot exceed 45 feet if the granite top is reliably reported.

Restored top of Arbuckle is 3340 feet, or 1527 feet subsea.

FBC