

April 1943

Crown Petroleum, # 1 Montgomery
Sec. 11-16s-11w, NW/c
Elev. 1871'

Cable tools

Pennsylvanian conglomerate 3320'-3334'

3320-3329 Sandy limestone. Clean buff marine lime with rare included rounded medium and coarse sand grains.

3329-3334 Sand, oilstained. Well sorted fine to very fine sand, sharp grains including a few red. Porous sand grading into non-porous limy white sand. Marine conglomerate.

Land Wash 3334'-3350'

Top, Subsea -1463'

3334-3345 Clay, dark red, sandy. Included sand grains are stained red. Chert rare.

3345-3350 Clay, fat, pale green and red mottled, sandy. About 12% cherts showing red clay contacts.

Residium of Arbuckle 3350'-3386'

3350-3370 Chert, largely white, opaque, tripolitic.

3370-3386 Chert, translucent, white. Cotter residuum.

Arbuckle Top 3386'

Penetration 36'

Subsea -1515'

Cotter 3386'-3411'

3386-3398 Dolomite, brown, fine, with about 30% chert, in part sandy. Smooth white loose chert oolites. Test made HPW 3396'-3398' and cavings are very bad below that point.

3398-3404 Dolomite as above but with about 60% quartzose oolitic chert.

3404-3411 Dolomite, finely ground with 25 to 50% chert, in part caving. Sandy zone at base.

Pre Cotter 3411'-3422'

3411-3422 Dolomite, fine and medium, finely ground. Residues show about 50% chert, all similar to cherts above and believed to be caving. Fineness of material and abundant cavings obscure exact top of Pre Cotter.

Remarks: Top of Pre Cotter drilled at 3411' or Subsea -1540'

Test abandoned.

RFW

225
-1765E
P.C.