

May 1944

Armer #1 Schwein
Section 24-15S-15W, NE NW NW
Elev. 1873'

Pennsylvanian Conglomerate 3350' - 3353'

3350-3353 Chert conglomerate. White marine limestone stained red from thin interbedded red shales. Rests on two or three feet of oxidized Cotter cherts, probably re-worked as marine conglomerate, could be residuum.

Arbuckle Top 3353' Penetration 45'

Subsea -1480'

Cotter 3353' - 3398' T. D.

3353-3378 Dolomites, buff, brown, and brown to white, medium to coarse, crystalline. Low chert content. Some vuggy porosity. Questionable oilstaining (difficult to determine because of the brown color of the dolomite) in top few feet.

3378-3388 Dolomite, brown, medium, granular, friable, with some intercrystalline porosity and with traces of asphalt.

3388-3395 Dolomite, brown, medium, with about 25% milky-white chert.

3395-3398 Dolomite, brown, medium, with brown, quartzose oolitic chert.

Remarks: Test abandoned. Gulf dry hole contribution.

The top of the Pre Cotter is estimated at 3410' or -1537'.

RFW:HL