April 1943

Sinclair, # 1 Esfield
Sec. 28-16s-11w, SW NE
Elev. ~~1921'~~ 1912 DF Lis (Printed)

Rotary

Pennsylvanian conglomerate 3343'-3353'

3343-3353 Limestone with chert pebbles. Cherts are white, fresh, translucent, and show rare lime contacts. Some orange quite sandy lime below 3348'. Marine conglomerate.

Residuum of Arbuckle 3353'-3380' Top, Subsea ~~-1432'~~ -1439

3353-3363 Buff sandy clay and 10% white chert. Samples poor, in part due to coring. Quartzose oolitic chert not present. Questionably basal Cotter residuum.

3363-3380 Clay, buff to green, sandy. Includes about 10% white cherts showing sequence downward from translucent to milky. Residuum of upper Post Boyce.

Arbuckle Top 3380' Penetration 9' Subsea ~~-1459'~~ -1466

3380-3385 Dolomite, white, coarsely crystalline, porous. Post Boyce.

3385-3389 No samples. Test made water when tested after setting packer.

Remarks: Restored top of the Pre Cotter is estimated at 3340' or -1419'E This figure may be a few feet too low.

RFW