March, 1943

Ash, # 1 Frees (H.F.)
Sec. 34-16s-11w, NW/c
Elev. 1938'

Cable tools

Pennsylvanian Conglomerate 3385'-3393'

3385-3390	Sandy limestone. Light brown to white crystalline lime with some included medium sand grains.
3390-3393	Sandy clay, red mottled white, in part limy. Some red lime. Marine conglomerate.

Residuum of Arbuckle 3393'-3398' Top, Subsea -1455'

3393-3398	Clay, dull buff-white, sandy. Residuum of Post Boyce member of Pre Cotter.

Arbuckle Top 3398' Penetration 46' Subsea -1460'

3398-3408	Dolomite, white, coarsely crystalline with porosity clay plugged. Solution riddled section transitional upward into residuum. Post Boyce.
3408-3419	Dolomite, white, coarse, porous with some oilstaining. Test made 75' of oil in 2 hours at 3419'.
3419-3444	Dolomite as above. Samples include 50% or more of white residual clay, interpreted as cavings. Dolomite is fresh and porous. About 2 to 5% chert, buff, compact, finely granular, quartzose, from 3412-3430'. Test made HFW 3440'-3444' TD.

Remarks: Test abandoned.

Restored top of Pre Cotter estimated at 3380' or -1442' E

RFW