CONDENSED DRILLER'S LOG

After the drilling rig was moved in and rigged up, 80' of 16" conductor pipe was driven to a depth of 80'. Drilling began with a 12¼" bit. The formation was clay to 25' then changed to lime, then at 155' returns were lost. Drilling continued to 1520' with no returns. The drilling rate was 1 minute per foot except some intervals which were judged to be boulders to a depth of 1200', then drilling slowed but was not judge to be boulders. Surface casing was set to a depth of 1525' and cemented with 350 sxs. After the cement set, a temperature survey was run which verified that the salt water was isolated from the fresh water. The salt water fresh water contract was 1075', the top of the cement was 870'.

The first samples recovered below the surface casing at 1530' were chalk and dolemite, with a drilling rate of 1-3 minutes per foot.

Top of the Cedar Key was 1835', chalk and dolemite, with a drilling rate of 1-3-min/ft.

Top of Taylor or Austin chalk 2626', 70% white chalk, 30% tan dolemite, drilling rate 2-3 min per ft.

Top of Austin sand 3112', clear white, fine grain sand, poorly cemented with a rillling rate of 1-1½ min. per. ft.

Top of upper Tuscalloosa 3306', clear white, fine grain sand, poorly cemented, drilling rate of 10 min per ft.

Top of lower Tuscaloosa 3560', 80% white-yellow sand, 10% red-gray shale, drilling 5 min. per ft.

Top of granite wash 3720', white to pink with a drilling rate of 10 min. per ft.

Top of red shale 3755', 90% red shale, 10% chert, drilling rate 25 min.per ft.

3846' encountered sand & shale series to T.D. with drilling rate from 12 to 20 min/ft.