May 1946

Cap-Rock Oil Co. No. 1 American Investment Co.
C NE NE Sec. 17-11s-15w, Fairport Field
Elev. 1890'

Cable tools

Pennsylvanian conglomerate 3345'-3364'

3345-3353 Marine conglomerate. Conglomeratic sand with worn oxidized chert pebbles 3345-48; chert gravel with included sand grains and rare fresh biotite granite fragments (probably granite pebbles broken up by the bit) from 3348-3353. No clay present in samples. A porous beach gravel of limited areal extent. PAY ZONE, reported from 3348' to 3351', produced 460 bbls OIL in July and August, 1945 before becoming exhausted.

3353-3364 Non-marine conglomerate or land wash. Varied oxidized cherts, red clay, red and green mottled clay, and rounded sand grains stained red. Porosity very low because of clay content.

Residuum of Arbuckle Top 3364' Subsea -1474'

3364-3386 Residual clays both red and green, slightly sandy. Samples contaminated by caving cherts from above. May be some chert in place. Residuum of Pre-Cotter and possibly some Cotter residuum.

Arbuckle Top 3386' Penetration 13' Subsea -1496'

3386-3388 White dolomite. Pre-Cotter, Post Boyce member. Samples poor due to cavings. Ran 4" liner at 3387' but still did not shut off cavings.

3388-3397 Sample labeled "Cavings". Just that. No dolomite.

3397-3399 White dolomite with a few included rounded sand grains. Probably lower Post Boyce. Sample consists largely of ground up oxidized cherts and loose rounded sand grains, both caving. Hole filled 600' with SULPHUR WATER.

Remarks: OWDD. Old TD 3351'. After unsuccessfully deepening to 3399' TD in August 1945, test P.B. to 3226' in Lansing. Produced water and SSO from 3221-3226' after acid. To be abandoned.

RFW