

November 1944

Black-Marshall #4 Hoffman
Section 19-16S-11W, NE NE SW
Elev. 1908'

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Rotary

Pennsylvanian Conglomerate

3332-3338 Sandy limestone with rare chert pebbles.

Residuum of Arbuckle Top 3338' Subsea -1430'

3338-3342 Chert. Fresh cherts, white, translucent to milky, and brown quartzose. Rare red clay contacts. Probably residuum of lower Cotter.

3342-3360 No samples.

3360-3375 Fresh cherts, mostly milky and translucent types. Residuum of Pre Cotter and Cotter.

Arbuckle Top 3375' Penetration 6' Subsea -1467'

3375-3378 Dolocastic silica, silicified sand with voids, and rare sandy dolomite. Secondary silicified "crust" on an old land surface. Abundant banded crystalline quartz as lining of former vugs in dolomite. Considerable drusy silica with coarse dolocasts. The sandy dolomite is finely crystalline. Boyce.

3378-3381 Sandy white dolomite. Drilled with cable tools. HFW at 3381' TD.

Remarks: Dry hole drilled in 1944.

RFW:HL