

July 1944

Helmerick & Payne and Phil-Han #1 Miller

Section 11-3S-19W, C SE ~~NW~~

Elev. 2087' 2080 DF NW
Ls corr

Rotary

Pennsylvanian Conglomerate 3565'- 3567'

3565-3567 Rare sand grains and worn pebbles of oxidized oolitic
Cotter chert in red shale.

Arbuckle Top 3567' Penetration 63'

Subsea - 1430'
-1485

Pre Cotter, Post Boyce 3567'- 3630' T.D.

3567-3580 Dolomite, buff and pink, medium. Low vuggy porosity.
3580-3590 Dolomite, dense, buff and red with rare sand grains.
3590-3605 Dolomite, white coarsely crystalline.
3605-3630 Dolomite, buff medium with some porosity near 3620'.

Remarks: Dry hole.

The lithology of the Arbuckle section checks closely with that drilled in the uppermost 50' of the Sinclair-Prairie #1 Dill, Section 13-3S-19W, about two miles to the southeast, indicating that the #1 Miller is about 200 feet higher structurally on a Arbuckle datum than the #1 Dill.

RFW:HL