

January 1945

Sohio #1 Harzman  
Section 26-16S-12W, NE SE SE  
Elev. 1938'

Rotary

Pennsylvanian Conglomerate 3375'- 3393'

3375-3380 Slightly sandy, white limestone with some glauconite.  
3380-3393 Slightly sandy, pink and white limestone with inter-  
bedded red and gray shale. Coarse pitted sand  
grains and worn chert pebbles are present in the  
bottom 5 feet. Marine conglomerate.

Pre-Pennsylvanian Land Wash Top 3393 Thickness 45' Subsea -1455'

3393-3442 Chert and red clay. Oxidized Cotter cherts, mostly  
flinty, showing red clay contacts. Some red and  
white mottled clays appear below 3425'. Probably  
residuum, slumped residuum, and land wash into a  
solution valley. Sequence obscured by rotary samples.

Arbuckle Top 3442' Penetration 41' Subsea -1504'

Pre Cotter, Post Boyce member 3442'- 3483' TD

3442-3483 White dolomite. Coarse and medium dolomite with about  
2% included scattered sand grains throughout, and with  
about 5% sand in the bottom 5 feet. Lower part of the  
Post Boyce.

Remarks: Dry hole drilled in May 1944.

This test should encounter the top of the Boyce at about 3500'.  
Water disposal wells in Sections 3 & 4, T.17S., R.11W. show 120' of  
Post Boyce dolomite, hence the restored top of the Pre Cotter is  
estimated at 3380' or -1442'.

RFW:HL