

April 1943

Appleman, # 1 Stull
Sec. 6-16s-12w, C SL SE SW
Elev. 1869'

Rotary

Pennsylvanian conglomerate 3296'-3299'

3296-3299 Sand and sandy lime. Loose coarse sand grains, 1 to 2 mm., worn, rounded. All have abundant black inclusions and are derived from Pre Cambrian quartzite. Rare worn grains are included in limestone. Marine conglomerate.

SAMPLE GAP

3299-3324, circ. 1 hr. Lower circulation samples show caving worn sand grains with black inclusions which are coming from the conglomerate, but show no chert and no Boyce sand.

Top of Pre Cambrian is in this sample gap.

Pre Cambrian Top unknown, is above 3320', or Subsea above -1451'

3320-3332 Quartzite. Clear coarsely granular quartzite, friable, with abundant black inclusions and with some large muscovite mica flakes.

Remarks: Scout top of Pre Cambrian at 3328' is in error. The actual top is between 3299' (-1430') and 3320' (-1451').

The lack of recognisable Boyce sand as cavings in lower circulation samples and the failure of this test to produce oil from below 3300' suggests that thin Penn. sand rests on Pre Cambrian at about -1440' E.

Test made a flowing well from the Lansing.

RFW