

R. A. Carmody
January, 1941

Hartman and Blair, No. 1 Dresback
C EL SE NE 7-21S-6W

Elevation 1692 feet

Rotary to 3527 feet

Base Oread 2795 feet

Top Lansing 2962 feet

Subsea -1270 feet

Base Kansas City 3350 feet ?

Pennsylvanian basal conglomerate 3489-3525 feet

3489-3525 feet Red and yellow stained chert, and some red sandy clay. Soft streaks, noted from drilling time, occur from 3489-3492 feet and from 3512-3517 feet. The latter interval is reported to have had a show of oil when samples were first caught. Since being again washed and dried, there is no evidence of oil in the cuttings. A test was made of this interval through perforated pipe, and showed for a small well. Other footage of this interval drilled slowly, indicating much clay and little porosity.

Mississippian (Burlington-Keokuk) top 3525 feet

Subsea -1833 feet

3525-3536 feet White and light gray rough, weathered to tripolitic chert--rotten, porous and oil-stained. (Some stained chert as above, probably cave.)

3536-3561 feet TD. Chert, white, with yellow mottling, fresh, flinty to vitreous, opaque, very fossiliferous. Some rotten chert as above, probably caving.

Note:

It is not clear from samples alone just where the Pennsylvanian basal conglomerate-Mississippian contact occurs. The contact as here reported was determined with the aid of information from Melvin Bear, of the Derby Oil Company, who watched the well while the lower part of the hole was being drilled. Pipe was set at 3520 feet, rotary derrick floor measure, and the total depth is at 3561 feet, rotary derrick floor measure. The floor for cable tool operations had been lowered 2 feet below the old rotary floor; hence, cable tool depths should be lowered 2 feet.