



Figure 1-1.32 Example showing the location of the non-wetting fraction trapped by imbibition in natural porous media

Photograph of thin sections prepared according to the resin spontaneous imbibition method (see § 2-2.2.2). The red resin corresponds to the fraction of non-wetting fluid displaceable by spontaneous imbibition. The yellow resin corresponds to the fraction trapped during imbibition.

a) Bioclastic grainstone; b) large bioclast in an oolitic grainstone; c) and d) vuggy dolomite. Notice the role of residual crystallisation (c) in limiting the capillary trapping.

The photographs on Figure 2-2.13, correspond to the same visualization method.