

Northern Kentucky Views Presents:

Trimble County

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From

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TRIMBLE COUNTY.

In the southern part of this county chert beds, associated with a reddish earth, is frequently exposed in the hollows all the way to Bedford, overlaid by magnesian limestones, which occupy the higher grounds; and the country between Bedford and Milton is very much of the same geological character, the blue limestone appearing only in the lower cuts of the stream. On the points and slopes where this rock appears the land is much more productive and durable than on the higher grounds, and yields fine crops of tobacco and small grain.

The saline water, described in the third chapter, was first struck over the earthy hydraulic layers on high ground; the second pool, where the water is now collected, is excavated in the upper beds of the blue limestone formation. Lower down in the ravine is a fine building stone capable of receiving a polish.

The Epsom Spring, adjoining, issues from a bed (of calcareous?) clay, derived no doubt from the disintegration of the earthy beds above the blue limestone.

In the neighborhood of Bedford the rocks contain a large hemispherical fibrous-structured coral, resembling the *Chætetes*, but in concentric layers like the *Stromatopora*.

Descending Scott's hill the variegated banded earthy magnesian limestone, occupying the same geological position as the four-foot banded Madison building stone, of which I have previously spoken under the head of Jefferson county, is conspicuous, in step-like projections, overlying the blue limestone, the upper layer of which contains a large coral like the species just alluded to. This is forty to fifty feet down the descent. Under these beds of the blue limestone protrude layers containing *Atrypa capax*, *Leptaena planumbona*, *Sireptelasma crassa*, *Orthis sub-quadrata*; and about forty to fifty feet still lower the Murchisonia marble rock is in place in considerable force.

The country descends very abruptly, over the beds of the blue limestone, to the little Kentucky river—almost too abruptly to admit of extensive farming, but the steep hill sides would, undoubtedly, make good vineyards.

The top of Scott's hill is approximately four hundred and sixty-six feet above the Ohio river; of this rather more than four hundred feet is all blue limestone.