

Interpretive Color Fill

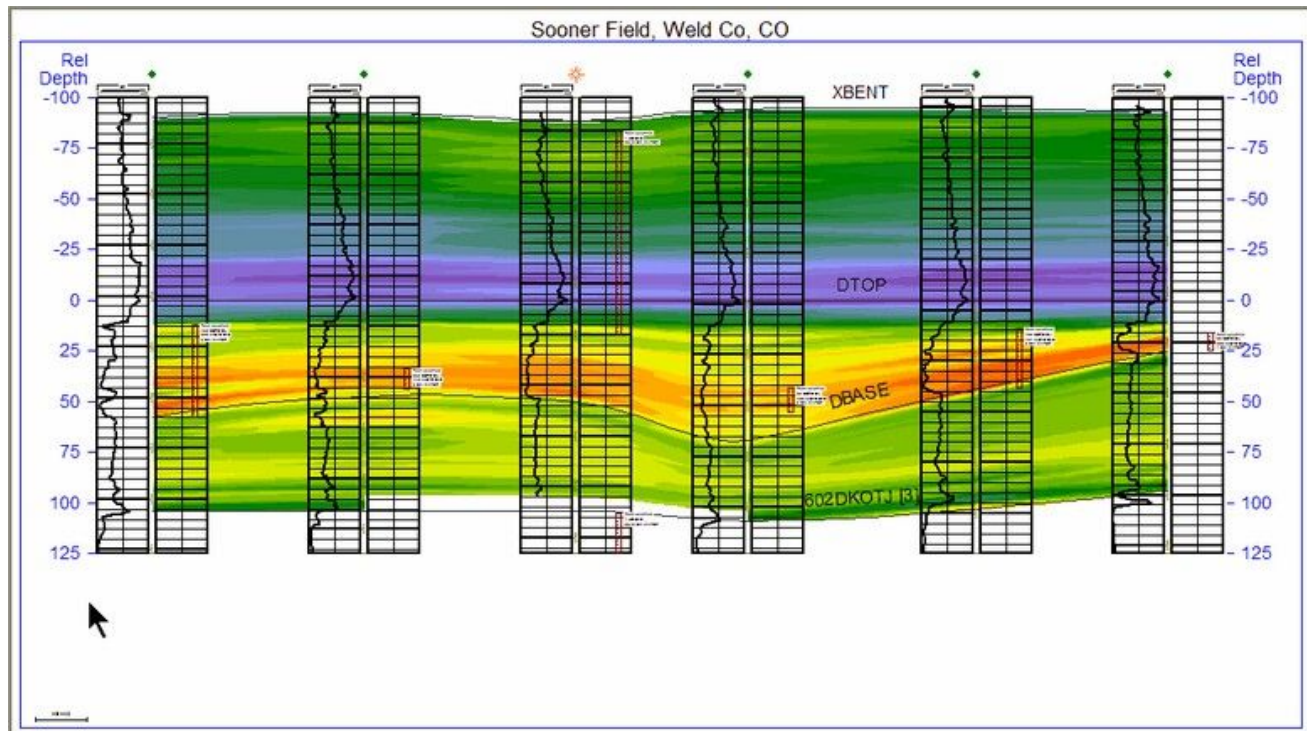


Figure 1

The Interpretive Log Color-Fill feature interpolates the values from a single log curve in between the wells. The interpolation is guided by selected formation tops. It is also dependent on the formation top connection style listed under the tops display options. When tops are connected to the hole-hole, the interpolation looks similar to Figure 1. When the "track boundaries" option is used, the interpolation looks like Figure 2.

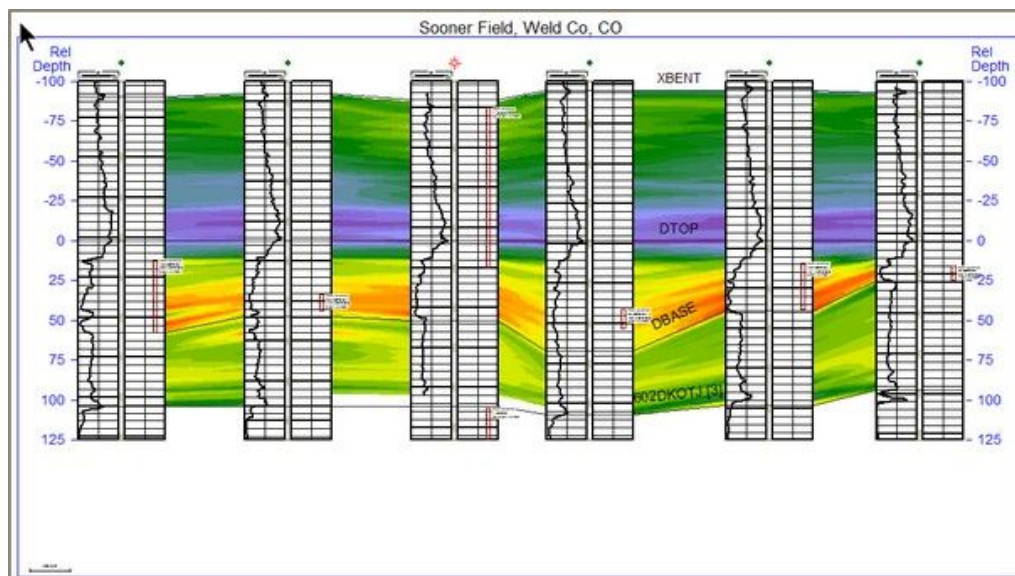


Figure 2

Figure 2 shows the "track boundary" tops connection style in which color-fill is only generated between the track boundaries.

Log Data

Choose the single log curve to be interpolated between wells. You may need to use the "aliases" option if you

are using aliases for your curve display.

Tops

You can choose the tops used in the interpolation. Color-fill will be generated between each pair of tops chosen. For example, if you have tops A, B, C and D and do not choose C, then you will have color-fill from A down to D. The grid will follow the A-B interval and the B-D interval. Top C will have no influence on the grid. If you chose only A and B then the color-fill when only be generated between tops A and B.

Resolution

The grid resolution in the horizontal and vertical directions determines how coarse or fine the grid is interpolated. The default horizontal resolution (width) is usually sufficient. You should, however, set vertical resolution, or grid height, to match the resolution of your curve data. If the grid height is too coarse, the grid will not resolve the thinner beds. Usually, setting the grid height to "small" is sufficient.

Color Range

Set the color range and colors using the same technique as you would for the geo-column log display.