Application of indicators in hydrocarbon reservoir mapping in Croatia

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ABSTRACT

The mapping of facies is an important task in modeling of hydrocarbon reservoirs. One of the most often methods for their description are from the set of indicator ones. Until recently, that set of methods was not used in the mapping of sandstone/marlstone border. This paper presents the mapping of sandstone and marlstone border using Ordinary Kriging. The presented model was matched with manually interpolated lines of facies changing (Figures 3 and 4) using Ordinal Kriging and interpolation by computer algorithms. Eventually, the indicator values (0 and 1) are interpolated by Ordinary Kriging technique, what is original approach in this field of analysis.

**REFERENCES**

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