

## **Porosity estimation of carbonate rocks with multispec processing technique**

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### **Abstract**

Porosity is known as one of the main properties of reservoir rocks. The exact value of this parameter is difficult to measure. In present paper it is proposed using MultiSpec processing technique as cost-effective alternative method for estimating 2D-porosity from thin sections images of carbonate rocks on base of core samples picked out from carbonate reservoir rocks of Tournasian age in well, situated on southern slope of South-Tatarian Arch (Volga-Ural region, Russia). ©2006-2014 Asian Research Publishing Network (ARPN). All rights reserved.

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### **Keywords**

Carbonate rocks, Multispec processing system, Porosity