

## **Linear zones of secondary dolomitization of reservoir rocks of Tevlinsko-Russkinskoye field - Markers of migrations paths of oil-bearing fluid**

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### **Abstract**

It was found that the linear direction of the secondary dolomitization within Tevlinsko-Russkinskoye field crosses tectonically contrasting tightly adjoining and hydrodynamically connected with each other areas of compression-tensile. On the basis of it we have established functioning of the natural "tectonic pump" in the field. This phenomenon due to the tangential multidirectional movements during periods of structural rearrangements produced pumping the bulk of the fluid (including oil-bearing fluid) on the most impervious paths marked by the formation of authigenic dolomite.

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### **Keywords**

Natural tectonic pump, Oil-bearing reservoir, Secondary dolomitization, Tectonic-hydrothermal activation