

## Organic components of unconventional reservoirs metamorphosed strata south-tatar arch

© Igor P. Kosachev,<sup>1\*</sup> and Gennady V. Romanov<sup>2</sup>

<sup>1</sup>Technology Laboratory. <sup>2</sup>Laboratory of Chemistry and Geochemistry of Oil. Establishment of the Russian Academy of Sciences Institute of Organic and Physical Chemistry. AE Arbuzov, Kazan Scientific Center, Russian Academy of Sciences. Arbuzov St., 8. Kazan, 420088. Republic of Tatarstan. Russia.  
Phone: +7 (843) 272-73-84. Fax: +7 (843) 272-73-34. E-mail: kosachev@iopc.ru

\*Supervising author; †Corresponding author

**Keywords:** organic compounds, metamorphosed rocks, South-Tatar arch, extracts, insoluble organic matter, syn-and epigenetic bitumens, fracturing zone.

### Abstract

On the example of samples of wells 3915 and Bavlinskoye 20009 Novo-Elhovskoy by infrared spectroscopy, electron spin resonance and gas-liquid chromatography in the presence of organic components of metamorphic rocks of the South-Tatar arch hydrocarbon fragments as syn-and epigenetic nature in different ratios.