Thermal maturity and organic geochemistry of the Kandik Basin region, east-central Alaska

Dept. of the Interior, U.S. Geological Survey - [PDF] GEOLOGICAL SURVEY THERMAL MATURITY AND ORGANIC GEOCHEMISTRY OF THE KANDIK BASIN REGION , EAST

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Open-file report -- 89-353Thermal maturity and organic geochemistry of the Kandik Basin region, east-central Alaska Notes: Includes bibliographical references (leaves 29-32)

This edition was published in 1989



Basin-Centered Gas Systems of the U.S.

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Tags: #Thermal #maturity #and #organic

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Thermal maturity, tectonostratigraphic terranes, and regional tectonic history: Example from Kandik basin, Alaska (Conference)

In this region, the thermal maturity of the Upper Jurassic succession reached more than 2% VR r. The authors have used the technique of vitrinite reflectance to document levels of thermal maturity for the Central Belt and the Yager, Coastal, and King Range terranes.

Organic petrology and geochemistry of Triassic and Jurassic coals of the Tabas Basin, Northeastern/Central Iran

Mission 2007 - Team 1 - Mariela Perignon - Research - Summary: Thermal Maturity of Sedimentary Basin in Alaska Research - Summary: Thermal Maturity of Sedimentary Basin in Alaska Johnson, M. A consistent tectonic fabric imposed upon them is kinematically linked to the strike-slip system and indicates a northeasterly direction of transport across the terrane. High magnification SEM observation of an interconnected organic porosity occurring in the solid bitumen of thermally mature shale reservoirs has enabled major advances in our understanding of hydrocarbon migration and storage in shale, but suffers from inability to confirm the type of organic matter present.

Organic petrology and geochemistry of Triassic and Jurassic coals of the Tabas Basin, Northeastern/Central Iran

The ash content of the Triassic samples varies between 7.

Application of organic petrography in North American shale petroleum systems: A review

The authors infer that 7-10 km of overburden were eroded from the Kandik River terrane; rapid denudation, together with the dramatic paleothermal inversion across the terrane boundary, probably were accomplished through southeast-directed overthrusting. The amount of sulfur in coals not affected by marine waters is around 0.

Thermal maturity and organic geochemistry of the Kandik Basin region, east

The tectonic relationship of the Ruby terrane to the south flank of the Brooks Range lies largely obscured beneath the Angayucham in the eastern apex of the Koyukuk basin. In: Brunet MF, Wilmsen M, Granath JW eds South Caspian to central Iran Basins.

Mission 2007

This study deals with the organic geochemical and organic petrological characteristics of bituminous coals from the Parvadeh field as well as semianthracites from the Mazino coalfield Fig.

OF 89

Thermal Maturity of Sedimentary Rocks in Alaska: Digital Resources. Thermal maturity is the level of alteration the of the organic matter in a given sedimentary rock due to high temperatures. Paleocurrent flow directions based on thousands of bottom features flutes, prods, and grooves indicate, in present-day coordinates, flow toward the east.

Thermal maturity, tectonostratigraphic terranes, and regional tectonic history: Example from Kandik basin, Alaska (Conference)

The overall moderate HI and low OI values Table confirm that the organic matter studied corresponds to kerogen type III. Molecular geochemistry A typical GC—FID trace for the Triassic Parvadeh coals is shown in Fig.

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