



Evaluation of petroleum potential of sedimentary cover, Terpeniya Bay based on kinematic and dynamic characteristics of seismic waves

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Abstract

The article describes wave features of reflections from various HC-containing sedimentary rocks in Terpeniya Bay (Okhotsk Sea) recorded during a CDP seismic survey. AVO (amplitude versus offset) based inversions provided basis for preliminary estimation of oil-and-gas bearing capacity of the sedimentary cover within the water area under study. Probable areas of HC concentration identified.

Keywords

Okhotsk Sea, Terpeniya Bay, Seismic survey, Seismic sequence,
AVO-analysis

References



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