



**Geologic structure and hydrocarbon potential  
of the North-Okhotsk Shelf**  
Research-and-Practice Conference

May 14, 2010

Moscow, conference hall of Alpha Izmailovskaya Hotel

**Conference Key Issue:**

- North-Okhotsk shelf reservoirs

**Conference Subjects:**

- Tectonic basis of North-Okhotsk shelf reservoirs formation
- Paleofacial analysis as a tool for forecasting the different types of reservoirs
- Abilities of sequent Stratigraphy in prognosis of reservoirs in the North Okhotsk area
- Forecast of possible types of reservoirs basing on seismic survey data
- Diagenesis of argillaceous-siliceous formations and its impact on forming the reservoir porosity and permeability
- Hydrocarbon potential of North-Okhotsk shelf basins
- Licensing: current status and near term prospects of the Russian Far East

In 2008, DMNG jointly with MSU Department of Geology proceeded to preparation of the multi-volume research on summarizing the results of long-term period of G&G survey operations offshore the Russian Far East.

Methodological approach to the analysis of geological structure and evaluation of resource potential of sedimentary basins of large geologically heterogeneous region with significantly different level of exploration, as well as the first results of work on Mega Report became the main topics of discussion during the Conference "Geological Structure and Hydrocarbon Potential offshore the Russian Far East", which took place in Moscow on January 29, 2009.

On September 30, 2009 in Moscow during the Conference & Exhibition "Petroleum Potential of Polar Regions, 3P Arctic", the first book of Mega Report on the East-Siberian and Chukchi Seas was presented. The book was highly evaluated by scientific society and generated great interest within oil industry.

Norwegian company TGS and American Wavetech Geophysical joined in the work on Mega Report in 2009 and in early 2010 respectively.

DEAR GENTLEMEN!

DMNG, TGS and Geological Department of Lomonosov Moscow State University are pleased to invite you to take part in the research-and-practice Conference "Geological Structure and Hydrocarbon Potential of the North-Okhotsk Shelf".

For over 40 years of geological survey operations offshore the Russian Far East (RFE), a considerable volume of information was accumulated which made it possible to get an idea of the region's general geologic structure, assess its hydrocarbon potential and make the first commercial discoveries offshore Sakhalin.

Almost all large discoveries relate to deltaic strata of Paleo-Amur. However results of the recent oil & gas explorations, particularly on West and East Shmidt and Kaigan-Vasukan blocks, showed that the possibilities to discover deposits confined to paleo-deltaic facie are mostly used up. In Sakhalin, oil industry came across with the necessity of reorientation to the search of other types of natural reservoirs. The results of drilling in the 80-s on Magadan and Khmit structures (Magadan basin) and in 2008 on Sukhanovskaya structure (West Kamchatka basin) say the problem of reservoirs to be generally the key one for Cenozoic deposits of the Sea of Okhotsk Region; and this problem is worthy of special complex (interdisciplinary) all-round analysis.

Aside from this, the Conference initiators considered conducting a wide discussion on the aforesaid issues with accent on the North-Okhotsk shelf to be actual and timely for the two more reasons:

- 1) Oil society is expecting liberalization of investment climate in Russia and licensing events in this region.
- 2) DMNG, TGS with participation of Moscow State University are close to complete preparation of the two books of Mega Report "Geological Structure and Hydrocarbon Potential offshore the Russian Far East" on Magadan and Lisyansko-Kashevarovsky blocks; the main results of the study will be presented during the Conference.

It is expected that the Conference will be attended by the Russian and foreign specialists from scientific organizations and oil companies.

We would highly appreciate if you find a possibility to take part in the Conference.

**Registration** and requests for speeches and presentations on the abovementioned subjects are invited by e-mail to: [A.Savitsky@dmng.ru](mailto:A.Savitsky@dmng.ru) till April 20, 2010.

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**Key Dates:** Registration of Participants till April 20, 2010.  
Program distribution till May 5, 2010.