



PLENARY SESSION “HARD-TO-RECOVER RESERVES”

1. *Alexander Timchuk, ZapSibNIIGG*
Hard-to-Recover Reserves and technologies – theory and practice
2. *Petr Povzhik, Grudin A., D. Serdyukov, E. Paremsky, Belorusneft*
Classification of Hard-to-Recover Hydrocarbon Reserves of the State Production Association «Belorusneft»
3. *Olga Trofimova, State Commission on Reserves*
Role of new HCS classification in Hard-to-Recover Reserves development
4. *Stanislav Zhdanov, VNIIneft*
Hard-to-Recover Reserves on the last stages of field development
5. *Sergey Shutko, SibGeoProject; D. Dubrovsky, NAEN*
Scenario forecast of hard-to-recover oil\ oil from low permeability reservoirs production. Uncertainties and critical time points

Session 1. Formation and localization of hard-to-recover reserves

Moderators: Anton Kasyanenko, Gazpromneft STC; Alexander Timchuk, ZapSibNIIGG

1. *Vladimir Volkov, A. Shpilman, Shpilman Research And Analytical Centre*
Mineral composition, possibility and scale of HC generation by deposits of the Petrikovsky horizon of the Rechitsa field
2. *Igor Yashin, Belorusneft*
Lithologic-petrographic features and oil content of low permeability rocks of the intersalt complex of Pripyat downfold
3. *Alexey Nemchinov, Slavneft-Megionneftegaz*
Conceptual approach to AB1(1-2) Ryabchik formation production
4. *Artem Korotkevich, Belorusneft*
Role of Hard-to-Recover Reserves in the conditions of deterioration of structure of stocks
5. *Ekaterina Dvoretzkaya, Gazpromneft STC*
Geological zones verification in unconventional plays on the basis of pilot wells production characteristics analysis

Session 2. Current methods of hard-to-recover reserves and prospecting

Moderators: Vladislav Yatsenko, Rosneft; Alexander Timchuk, ZapSibNIIGG

1. *Ekaterina Vinokurova, A. Gabnasyrov, PermNIPIneft*
Results of studying the reservoirs of the Domanic formation
2. *Ivan Kachura, N. Nastyushkin, Belorusneft*
Experience of studying tight oil-saturated reservoirs by logging in the Pripyat Trough
3. *Nikolay Cheremisin, Kostyuchenko S., TNNC;*
Sweep efficiency of hard to recover oil deposits: new method of forward calculation, simulator study
4. *Diana Shigapova, Roxar*
Some key aspects of 3D modeling in estimation and forecasts of Hard-to-Recover Reserves production

Session 3. Effective technologies for drilling, development and stimulation

Moderators: Denis Lachugin, SamaraNIPIneft; Azat Lutfullin, Tatneft

1. *Sergey Klochkov, Belorusneft*
The use of radial channels system to intensify the filtration and activate the production of hard-to-recover hydrocarbon reserves. Problems and solutions
2. *Alexander Osokin, SamaraNIPIneft*
Direction of modification of high-viscous oilfield development technologies, Karabikulovskoye field case study
3. *Ilya Zhuk, P. Povzhik, D. Serdyukov, I. Marmylev, Belorusneft*
Address technologies for the development of hard-to-recover reserves

4. *Mikhail Samoilov, **RN-Peer review and technological development center***
Geomechanics and application of multistage hydraulic fracturing for Hard-to-Recover Reserves of Tyumen formation
5. *Andrey Kazantsev, **PermNIPIneft***
The results of industrial replication technologies of acid treatment, using deflection systems at the fields of LUKOIL-PERM
6. *Andrey Osipov, **VNIIneft***
Pilot project on fractured carbonates with ultraviscous oil: steam treatment, Boca de Jaruco case study

Session 4. Unconventional/tight reservoirs development

Moderators: Petr Povzhik, Belarusneft; Alexander Sitnikov, Gazpromneft STC

1. *Piotr Such, Renata Cicha-Szot, **Oil and Gas Institute – National Research Institute***
Challenges of sustainable gas development in Poland
2. *Vasily Gribanov, **Gazprom neft***
Gazpromneft's experience in the development of carbonate reservoirs of Riphean deposits
6. *Dmitry Primichev, A. Kudryashov, **Gazpromneft STC***
Experience of performance and efficiency analysis of Enhanced oil recovery (EOR) on the example RUE "Production Association "Belorusneft" oil fields
3. *Eshtay Zhandos, **CaspiMunaiGas***
Polymer flood modeling of Kazakhstan field
4. *Alexey Fedorenko, **Belorusneft***
Experience of using periodic production and injection on the example RUE "Production Association "Belorusneft" oil fields
5. *Svetlana Grimus, **Belorusneft***
Improving reserves recovery efficiency in salinized reservoir
6. *A. Ryazanov, A. Moiseenko, **RITEK**; I. Matveev, Yu. Golovatsky, A. Gryaznov, I. Ishimov, A. Ermukhambetova, **Baker Hughes***
Integrated approach to field development optimization with unconventional reserves. Preparation, realization and monitoring of pilots

POSTER SESSION

1. *Anna Eroshenko, **Belorusneft***
The main aspects of lithologic- petrographical variation of low-permeability rocks on the Prypiat Depression territory
2. *Ekaterina Izyumova, **Paradigm Geophysical***
Complex geomechanical modeling based on production logging data