Technical programme
SPE Workshop Mature Field Development
4-5 December 2019
Tyumen, Russia

Hosted by West-Siberian Research Institute of Geology and Geophysics ZapSibNIIGG

Session 1. Localization and Technologies for Remaining Oil in Place recovery

1. Nikolay Cheremisin, S. Kostyuchenko, V. Vasiliev, TNNC
   Integrated approach to localization and design of oil field development on digital models with dynamic relative permeability of phases

2. Andrey Maltsev, M. Mongerin, R. Rybakov, P. Drofa, Gazpromneft STC
   The approach to audit and estimate the distribution of oil reserves on mature fields of LLC Gazpromneft NNG

3. Evgeny Malyavko, GeoSplit; M. Dulkarnaev, LUKOIL-Western Siberia; K. Ovchinnikov, V. Kiselev, GeoSplit
   Application of mathematical methods of EOR modelling to simulate various rheological effects of reservoir fluids

4. Andrey Cheban, P. Golub, I. Shakhmatov, Koretest Service; R. Rykov, Tyumen State University
   Laboratory methods for determining the effect of binary mixtures on the reservoir properties of terrigenous rocks

5. Igor Novikov, GeoSplit; Y. Gorbachev, D. Chaplygin, D. Khamadaliev, V. Yashnev, M. Azamatov, Salym Petroleum
   Development optimization of Upper-Salym field by using dynamic data from the wells

6. Beresnev Vyacheslav, I. Vakhitov, A. Zhelonkin, AIOilServices
   Water shut-off in the horizontal oil producer using the electric flow control valve

Session 2. Waterflood Management

   Engineering approaches and tools in waterflood management, large mature field case study

2. Ruslan Mazitov, R. Salihov; Research and innovative center of oil and gas technologies
   Improving the efficiency of EOR methods

3. Natalya Kotova, SurgutNIPIneft; Anisa Gataullina, Schlumberger Logelco Inc
   Simulation-based waterflooding system management: example of approach to workover planning for waterflood optimization on brownfields with high water cut
4. **Alexander Voznyuk, Schlumberger**  
   Application of mathematical methods of EOR modelling to simulate various rheological effects of reservoir fluids

5. **Alexander Trusov, TGT oil and gas services**  
   New approaches to understand of well systems in mature fields using through barrier diagnostics

6. **Albina Drobot, GeoSplit; Anton Moseev, Messoyakhaneftegaz; I. Novikov, GeoSplit; A. Konopelko, Messoyakhaneftegaz**  
   Water flooding and change of phase composition of the fluid control method in old wells of the Vostochno-Messoyakhskoye field

7. **Sergey Fufaev, S. Semenov, A. Sentsov, I. Sokolov, KogalymNIPIneft**  
   Preliminary results of temporary reservoir conservation of Severo-Potochnoe field

8. **Dmitry Shelyuto, P. Povzhik, D. Serdyukov, I. Lymar, I. Zhuk, K. Karseko, Belorusneft**  
   An integrated approach in the development and implementation of flow-diverting technologies for enhancing oil recovery in the Republic Unitary Enterprise “Production Association “Belorusneft”

**Session 3. Integrated Approach: Best Practices and Lessons Learnt in Brownfield Development**

1. **Andrey Povalyaev, A. Fedorov, BashNIPIneft**  
   Decision support system for development of low permeability and low connected reservoirs

2. **Legaev Pavel, M. Soboslai, A. Petrov, A. Ignatenko, Altair**  
   Successful experience in the implementation of polymer flooding in the mature field

3. **Alexey Raspopov, M. Filatov, A. Minina, Lukoil-Engineering**  
   Experience in development of brownfields in the Perm region