



Society of Petroleum Engineers

**Registration Deadline:**

**November 17, 2015**

**DECEMBER 2-3**

Respubliki str., 48,  
Tyumen, Russia

## **SPE WORKSHOP**

# **WATERFLOOD MANAGEMENT**

### **PROGRAM COMMITTEE**

#### **CO-CHAIRPERSONS:**

**ALEXANDER SITNIKOV**  
GAZPROMNEFT STC

**YAKOV VOLOKITIN**  
SALYM PETROLEUM DEVELOPMENT

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**ALEXANDER VASILYEV**  
HALLIBURTON

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

### ***Workshop description***

*The critical task for increase of oil production efficiency and extension of mature fields' lifetime is optimization of waterflood systems. SPE Workshop on this topic is taking place fourth time since 2009.*

*Waterflood optimization is a complex of technical solutions including the analysis of injection and production wells' performance, waterflood front "behaviour" along with geological reviews of reservoirs and residual recoverable reserves. The analysis accuracy depends on the availability of sufficient data acquired from drilling and well monitoring, as well as on understanding of the reservoir structure and characteristics. Data acquisition is a key to the overall optimization process and is focused on monitoring of injection and intake rates, determination of water breakthrough reasons and water sources in specific wells and how residual reserves are distributed. Waterflood optimization plan is developed on the basis of waterflood design and geological surveillance. Accurate selection and optimization of waterflood management methods is a key to efficient development of mature fields. Russian oil and gas operators have a wide experience in waterflood management and optimization.*

*During this workshop the companies will have an opportunity to discuss the main operational and development issues, new methods for sweep efficiency increase and field development processes. Our goal is to ensure this Workshop is attended by representatives of the major production and service companies and is an exemplar forum for a free dialogue to share experience, learn various approaches to waterflood optimization and performance evaluation, discuss the economical aspects for development of mature fields with waterflooding.*

**November 17, 2015**

## GENERAL INFORMATION:

### *Who should attend:*

- Production technologies, modelling
- Well exploitation analysis
- Field geology research
- Well interventions planning and performance

### Workshop participants

The number of attendees shouldn't exceed 100 oil and gas specialists.

### Programme Information

Detailed information on Workshop Programme will be posted on SPE web-site:

<http://rca.spe.org/en/events/spe-waterflood-management-workshop/>

### Conference report

Presentation materials will not be published, therefore formal papers and handouts are not expected from speakers. PowerPoint presentations will be posted on a specific SPE URL address after the Workshop and be available for Workshop attendees only.

The Committee will prepare a full report containing the highlights of the Workshop description. This report will be circulated to all attendees. The copyright of the summary report will belong to SPE.

**DECEMBER 2-3, 2015**

## **SPE Workshop**

## **WATERFLOOD MANAGEMENT**

The programme committee, chaired by Yakov Volokitin of Salym Petroleum Development, and Alexander Sitnikov of Gazpromneft STC, has chosen the following topics for discussion:

1. **Modeling and Design (Geology and Facilities)**
2. **Waterflood Management & Optimisation**
3. **IOR & EOR methods**
4. **Waterflooding in the tight reservoirs: integrated concepts and workflows**

At the first day of the conference **round table discussion on “Waterflood best practices: injection and quality of water”** will take place. Discussion topics will cover:

- Injection concept selection: matrix, fractured or ‘pseudo-fractured’ regime
- Quality of water: “How clean is clean?”

### *Information for presenters*

If you are interested to be a speaker at the workshop, please send your presentation abstract (2-3 paragraphs with description of nature and scope of work, possible applications and summary of results or technical contributions) to Antonina Kozmina at [akozmina@spe.org](mailto:akozmina@spe.org) **before November 10th, 2015**. Your abstract will be reviewed by the Program Committee to consider its acceptance for the Workshop Program.

The following information is required for each abstract:

- Participant's name, Company name
- Contact details- phone number, address, e-mail address
- Session's title
- Title of your presentation

## GENERAL INFORMATION:

### Commercialism

In keeping with Workshop objectives and the SPE mission, excessive commercialism in posters or presentations will not be permitted. Company logo must be limited to the poster slide and used only to indicate the affiliation of the presenter and others involved in the work

### Attendance Certificate

All attendees will receive a certificate from SPE attesting to their participation in the workshop

### Dress code

Casual clothing is recommended.

The Workshop atmosphere is informal

## SPONSORSHIP SUPPORT

Sponsorship support helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operations-level individuals, those who benefit most from these technical workshops. Sponsors benefit both directly and indirectly by having their names associated with a specific workshop. While SPE prohibits any type of commercialism within the conference hall itself, the society recognizes that sponsoring companies offer valuable information to attendees outside the technical sessions.

## SPONSORSHIP CATEGORIES

Sponsorship can be offered in the following categories:

**General Sponsorship – your organization can make a general contribution to the workshop costs and be identified on all promotional literature as a “General Workshop Sponsor”.**

- 1) Simultaneous Translation – the workshop will be simultaneously translated in English and Russian. This sponsorship covers the hire cost of the equipment and the translators.
- 2) Workshop Coffee Breaks - there will be morning and afternoon coffee breaks on each day of the workshop. Exclusive sponsorship for one or all workshop coffee breaks.
- 3) Workshop Lunches - there will be 2 workshop lunches during the event for all attendees. Exclusive sponsorship for one or all workshop lunches.
- 4) Reception – sponsorship of Evening Reception for all Workshop participants. For more information regarding sponsorship support please contact Antonina Kozmina at [akozmina@spe.org](mailto:akozmina@spe.org), tel. +7-495-284-04-54

## REGISTRATION RATES

<i>Terms of participation</i>	<i>RUB, no VAT</i>	<i>VAT</i>	<i>RUB with VAT</i>
<i>SPE members- non-residential</i>	<i>30,000.00</i>	<i>5,400.00</i>	<i>35,400.00</i>
<i>Non-SPE-members- non-residential</i>	<i>33,000.00</i>	<i>5,940.00</i>	<i>38,940.00</i>

Should you have any questions about conference attendance and registration, please contact Irina Merkul ([imerkul@spe.org](mailto:imerkul@spe.org))