Society of Petroleum Engineers workshop on horizontal wells survey will take place in Russia for the first time and will cover well logging and well testing.

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 well survey and related case studies.

The programme committee has selected the following technical sessions to enable better discussion in this field:

- Session 1. Horizontal wells testing: technologies, equipment, interpretation
- Session 2. Horizontal wells Production Logging (PLT): technologies, equipment, interpretation
- Session 3. Multilateral, Horizontal wells and wells with multistage hydraulic fracturing logging and testing
- Session 4. Real-time horizontal wells production monitoring by bottom-hole gages and distributed gages
- Session 5. Horizontal wells testing in case of multiphase filtration (condensate, gas caps, oil degassing)
Session 1. Horizontal wells testing: technologies, equipment, interpretation:

- Approaches (bottom hole assembly/ equipment) for informative well testing in horizontal wells
- Horizontal wellbore length through well logging vs production interval according to well logging and hydraulic well study. Well completion: efficiency analysis based on production data

Session 2. Horizontal wells Production Logging (PLT): technologies, equipment, interpretation:

- Production log test in horizontal wells: case studies (conveyance of tool, inflow stimulation methods and its integration)
- Complex multifinger tools with distributed sensors: production in Russia, current status
- Integration of geophysical well survey methods
- Logging in horizontal wells - saturation determination. Reservoir-well connectivity evaluation

Session 3. Multilateral, Horizontal wells and wells with multistage hydraulic fracturing logging and testing:

- Horizontal wells encountered low permeable reservoir, including multistage fracking: ways to improve well survey's information content
- Assessment of Multistage fracking contribution according to well testing and hydraulic well studies
- Selective testing equipment (survey section allocation/ isolation)
- Smart horizontal and multilateral wells

Session 4. Real-time horizontal wells production monitoring by bottom-hole gages and distributed gages:

- Permanent horizontal well logging: case studies (distributed sensors, sensor line, permanent communication circuit between bottomhole sensors and wellhead)
- Distributed sensors (moisture meter, flow meter etc.) for horizontal wells: case studies and efficiency for
  - Low well flowrate
  - Multiphase fluid inflow
  - Multistage hydraulic fracturing
- Integration of horizontal well monitoring using fiber optics system and distributed sensors (pressure, temperature and inflow indicators) and well testing in horizontal wellbore
- Integration of horizontal wellbore survey and vertical pilot borehole test data

Session 5. Horizontal wells testing in case of multiphase filtration (condensate, gas caps, oil degassing):

- Uncertainty in well testing: ways to decrease for horizontal wells penetrating gas cap
- Gas dynamic survey: information value increase for horizontal wells
- Well operation impact on condensate recovery
- Gas condensate asset - steady flow identification, condensate banking: forming and development in bottomhole zone
- Physical process simulation

INFORMATION FOR PRESENTERS

If you are interested to speak 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 before October 24, 2016. Your abstract will be reviewed by the Programme 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

POSTER SESSION

In addition to the main Technical Sessions the Program Committee is interested in organizing of Poster Session. Posers will give the participants additional opportunities to share their ideas and technologies. To get more information and to participate in Poster Session you can contact Antonina Kozmina at akozmina@spe.org.

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.

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”.

- **Simultaneous Translation** – the workshop will be simultaneously translated in English and Russian. This sponsorship covers the hire cost of the equipment and the translators;

- **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;

- **Workshop Lunches** - there will be 2 workshop lunches during the event for all attendees. Exclusive sponsorship for one or all workshop lunches;

- **Reception** – sponsorship of Evening Reception for all Workshop participants.

For more information regarding sponsorship support please contact Antonina Kozmina at akozmina@spe.org, tel. +7-495-284-04-54.

REGISTRATION RATES

According to SPE Policy Registration rates are the same for all participants, including presenters and Programme Committee Members.

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<thead>
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<th>Terms of participation</th>
<th>RUB, no VAT</th>
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Should you have any questions about conference attendance and registration, please contact Irina Merkul at imerkul@spe.org +7 (495)268-04-54