

Text and Art Requirements of Rosneft Research and Technology Bulletin

1. Materials for publication shall mandatory come with a filled-in **Registration Form**.
2. The article authoring team shall preferably have **no more than four people**.
3. The article shall have appropriate scientific language, contain true facts and be built under the analysis-conclusion principle with obligatory distinct ***Introduction and Conclusion***.
4. Article size: no more than 12 pages (printed in Word with Size 14 font and 1.5 line interval without makeup elements).
5. The article shall have a **synopsis** in Russian and if possible in English (250 words maximum) to be loaded to the SCOPUS database. The synopsis shall cover the following aspects of the article:
 - work subject, topic, purpose;
 - work results;
 - scope of result application;
 - conclusions.
6. Number of figures – **up to 6** (including a,b,c). Figure format: Word, Excel, CorelDraw, Adobe Illustrator, Photoshop (jpg or tif files; resolution at least 300 dpi). The figures shall be not blurred. Each figure shall have a legend text under it. All the items of the figure shall be explained and described.
7. Number of tables – **up to 4**. Tables shall be in Word or Excel format with no figures inserted. Data presented in tables and figures shall not be duplicated.
8. Number of formulas – **up to 10** (intermediate formulas shall not be given). All the formula parameters shall be described.
9. References shall be listed at the end of the article in the order of their mentioning according to GOST 7.1-2003 requirements. In-text references shall be given in square brackets specifying the document number in the List and if required a source-page of the material.

Research and technology articles planned for publication shall be reviewed and get an approval of the Editorial Board (from 1 to 3 months). Materials with positives reviews shall be placed into the Editorial Office Portfolio for further publication in their turn accounting for the material urgency.

Research and technology and operations articles that passed through the above procedure and got positives reviews shall be published for free. The author shall have 1 copy of the magazine as a remuneration (sent to the postal address in the Registration Form).

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Forecasting Quality of Liquids Treatment by Gravity Separation

A.V. Abramov, R.V. Bikbulatov, Candidate of chemical sciences, I.Y. Kolesnik,
A.N. Vinokurov,
RN-UfaNIPIneft

The paper introduces a method to identify the treatment quality of forecast liquid production volumes using oil and gas field separation equipment. The method works with a minimum volume of input data: just current quality of liquid treatment with no specialized physical and chemical studies required. The method is to be used when planning an infrastructure development concept for active oil and gas fields to identify the feasibility of increasing the capacity of liquid treatment facilities via their expansion as well as to provide a feasibility study for proposed measures.

Key words: residual water content, liquid treatment quality, gravity separation, conceptual design, surface infrastructure re-engineering.

Gravitational separation fluid treatment quality prediction

A.V. Abramov, R.V. Bikbulatov, I.U. Kolesnik, A.N. Vinokurov; "RN-UfaNIPIneft" Ltd.

A method of separator effluent liquid quality prediction is presented. The current treatment quality is the only initial information required for the method to work. The prediction results are compared against numerical modeling of the settlement process. The method could be used for ageing oilfields in changing conditions of the development.

Key words: separator effluent liquid quality, gravitational separation, settlement process simulation

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Introduction

Article text

Conclusions

References



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