

SPE Russian Petroleum Technology Conference 2017

Moscow, Russia
16 - 18 October 2017

Volume 1 of 7

ISBN: 978-1-5108-5162-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2017) by Society of Petroleum Engineers
All rights reserved.

Printed by Curran Associates, Inc. (2018)

For permission requests, please contact Society of Petroleum Engineers
at the address below.

Society of Petroleum Engineers
P. O. Box 833836
Richardson, Texas 75083-3836

Phone: (800) 456-6863
Fax: (972) 952-9435

books@spe.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

VOLUME 1

SESSION 1: GEOMECHANICS - 1

Extending The Stress-Testing Deployment Envelope to Highly Deviated Wells	1
<i>Rylance, M.; Naidu, R.; Hoq, A.; Mossop, K.; Smithells, S.; Ronald, A.; Masson, L.</i>	
Influence of the Elastic Moduli Contrast on the Height Growth of a Hydraulic Fracture	30
<i>Shel, Egor</i>	
Deformation Processes in Reservoir Engineering of the Limestone and their Influence on the Engineering Calculations	49
<i>Belanozhka, Aliaksei</i>	
Effect of Saturation Alteration on Wellbore Stability During WAG Injection	63
<i>Bataee, M.; Hamdi, Z.; Irawan, S.; Ashena, R.; Ghassemi, M. F.</i>	
Construction of a 3D Geomechanical Model for Development of a Shale Gas Reservoir in Sichuan Basin	76
<i>Xie, Jun; Qiu, Kaibin; Zhong, Bing; Pan, Yuanwei; Shi, Xuewen; Wang, Lizhi</i>	
Application of 3D Geomechanical Modelling to Optimize Drilling and Completion on Active Exploration Drilling Phase	103
<i>Kreknin, Sergey; Tryasin, Evgeny; Lushev, Mikhail; Korelskiy, Evgeny; Pavlov, Valeriy; Maximov, Danil; Strakhov, Sergey; Zinovyev, Aleksey; Grachev, Oleg</i>	
Application of 3D Geomechanical Modelling to Optimize Drilling and Completion on Active Exploration Drilling Phase (Russian)	116
<i>Kreknin, Sergey; Tryasin, Evgeny; Lushev, Mikhail; Korelskiy, Evgeny; Pavlov, Valeriy; Maximov, Danil; Strakhov, Sergey; Zinovyev, Aleksey; Grachev, Oleg</i>	
Construction of a 3D Geomechanical Model for Development of a Shale Gas Reservoir in Sichuan Basin (Russian)	129
<i>Xie, Jun; Qiu, Kaibin; Zhong, Bing; Pan, Yuanwei; Shi, Xuewen; Wang, Lizhi</i>	
Deformation Processes in Reservoir Engineering of the Limestone and their Influence on the Engineering Calculations (Russian)	156
<i>Belanozhka, Aliaksei</i>	
Effect of Saturation Alteration on Wellbore Stability during WAG Injection (Russian)	169
<i>Bataee, M.; Hamdi, Z.; Irawan, S.; Ashena, R.; Ghassemi, M. F.</i>	
Extending The Stress-Testing Deployment Envelope to Highly Deviated Wells (Russian)	182
<i>Rylance, M.; Naidu, R.; Hoq, A.; Mossop, K.; Smithells, S.; Ronald, A.; Masson, L.</i>	
Influence of the Elastic Moduli Contrast on the Height Growth of a Hydraulic Fracture (Russian)	215
<i>Shel, Egor</i>	

SESSION 2: WELL CONSTRUCTION – DRILLING AND COMPLETION - 1

An Analysis of Rotary Steerable Systems for Sidetracking in Open Hole Fishbone Multilateral Wells in Vostochno-Messoyakhskoye Field	237
<i>Voronin, A.; Gilmanov, Y.; Eremeev, D.; Dubrovin, A.; Abaltusov, N.; Perunov, A.</i>	
Well Placement Application to Drill Fishbone Well on Russkoe Field	252
<i>Orlov, D.; Enikeev, R.; Nazipov, D.; Kochneva, S.; Dunaev, V.; Khabibullin, R.; Makhambetov, A.; Shirshov, A.</i>	
Refinement of the Drillpipe-Slip Mechanical Model	260
<i>Tikhonov, Vadim; Gelfgat, Mikhail; Ring, Lev; Bukashkina, Olga</i>	
Performance Challenge Upgrade: 16-in.TCI Design Achieves Multiple Drilled Wells Through Highly Interbedded Anhydrite, Shale, and Carbonate Formations	275
<i>Al-Enezi, D.; Al-Shelhan, J.; Muqaddes, Z.; Beheiry, K.; Linnerud, B.; Heiny, A. Al; Maouche, Z.</i>	
Integrated Approach to Drilling, Formation Evaluation and Completion: Filanovskoye Field Case Study	287
<i>Rakitin, M.; Shtepin, D.; Golenkin, M.; Shtun, S.; Makhmotov, A.; Rizvanov, M.; Kuzakov, V.; Novikov, S.; Fitsner, A.; Bulygin, I.; Khakmedov, A.</i>	
An Analysis of Rotary Steerable Systems for Sidetracking in Open Hole Fishbone Multilateral Wells in Vostochno-Messoyakhskoye Field (Russian)	295
<i>Voronin, A.; Gilmanov, Y.; Eremeev, D.; Dubrovin, A.; Abaltusov, N.; Perunov, A.</i>	
Integrated Approach to Drilling, Formation Evaluation and Completion: Filanovskoye field Case Study (Russian)	311
<i>Rakitin, M.; Shtepin, D.; Golenkin, M.; Shtun, S.; Makhmotov, A.; Rizvanov, M.; Kuzakov, V.; Novikov, S.; Fitsner, A.; Bulygin, I.; Khakmedov, A.</i>	
Performance Challenge Upgrade: 16-in.TCI Design Achieves Multiple Drilled Wells Through Highly Interbedded Anhydrite, Shale, and Carbonate Formations (Russian)	320
<i>Al-Enezi, D.; Al-Shelhan, J.; Muqaddes, Z.; Beheiry, K.; Linnerud, B.; Heiny, A. Al; Maouche, Z.</i>	
Refinement of the Drillpipe-Slip Mechanical Model (Russian)	334
<i>Tikhonov, Vadim; Gelfgat, Mikhail; Ring, Lev; Bukashkina, Olga</i>	
Well Placement Application to Drill Fishbone Well on Russkoe Field (Russian)	348
<i>Orlov, D.; Enikeev, R.; Nazipov, D.; Kochneva, S.; Dunaev, V.; Khabibullin, R.; Makhambetov, A.; Shirshov, A.</i>	

SESSION 3: WELL CONSTRUCTION – DRILLING AND COMPLETION - 2

New Decisions - New Opportunities: MPD as an Effective Method for High Fractured Carbonate Reservoir in Eastern Siberia	358
<i>Soroka, T.; Krivolapov, D.; Koscher, M.; Dobrokhleb, P.; Voitenko, D.; Polyarush, A.; Giniatullin, R.; Kireev, V.; Krepostnov, D.; Chernokalov, K.; Zagrivniy, F.</i>	
Automatic System of Drilling Parameters Field Data Analysis	370
<i>Galeev, S. R.; Lind, Yu. B.; Gabbasov, B. M.; Sharipov, T. R.; Shlychkov, K. E.; Khashper, B. L.</i>	
New Approach. Dual Casing Design For Horizontal Wells	380
<i>Bravkova, N.; Truba, A.; Sandutsa, A.; Zadvornov, D.; Grachev, O.; Giniatullin, R.; Kireev, V.; Pilipets, E.; Krepostnov, D.; Mishakov, M.; Gazimov, R.; Gallimulin, R.; Khlebnikov, V.; Medvedev, P.</i>	
Safe Drilling Technology for Horizontal Wells in Ultra-Thick Salt-Gypsum Rock in The Right Bank of The Turkmen Amu Darya	392
<i>Li, Wanjun; Zhou, Haiqiu; Wang, Wei; Wang, Gang; Gu, Yixin; Xiang, Hua; Lin, Jiahua; Mu, Zihan</i>	
Integrated Project Management Reduces Well Construction Time by 25% while Delivering Complex 3D Extended-Reach Drilling Campaign on Lebedinskoye Field, Sakhalin	406
<i>Lebedeva, Irina; Mazaev, Konstantin; Valshin, Oleg; Savinov, Roman; Kasumov, Ruslan; Shakirova, Anastasia; Mikhailitsyn, Egor; Leontyev, Dmitry; Kim, Vitaly; Bochkarev, Vladimir; Nikifirova, Olga; Surmin, Vladimir; Tyan, Oleg</i>	
New Ridge Diamond Elements Improve PDC Bit Efficiency	426
<i>Gumich, D.; Pak, M.; Lomov, A.; Gorobchenko, M.</i>	
Automatic System of Drilling Parameters Field Data Analysis (Russian)	436
<i>Galeev, S. R.; Lind, Yu. B.; Gabbasov, B. M.; Sharipov, T. R.; Shlychkov, K. E.; Khashper, B. L.</i>	
Integrated Project Management Reduces Well Construction Time by 25% while Delivering Complex 3D Extended-Reach Drilling Campaign on Lebedinskoye Field, Sakhalin (Russian)	447
<i>Lebedeva, Irina; Mazaev, Konstantin; Valshin, Oleg; Savinov, Roman; Kasumov, Ruslan; Shakirova, Anastasia; Mikhailitsyn, Egor; Leontyev, Dmitry; Kim, Vitaly; Bochkarev, Vladimir; Nikifirova, Olga; Surmin, Vladimir; Tyan, Oleg</i>	
New Approach. Dual Casing Design For Horizontal Wells (Russian)	473
<i>Bravkova, N.; Truba, A.; Sandutsa, A.; Zadvornov, D.; Grachev, O.; Giniatullin, R.; Kireev, V.; Pilipets, E.; Krepostnov, D.; Mishakov, M.; Gazimov, R.; Gallimulin, R.; Khlebnikov, V.; Medvedev, P.</i>	
New Decisions - New Opportunities: MPD as an Effective Method for High Fractured Carbonate Reservoir in Eastern Siberia (Russian)	485
<i>Soroka, T.; Krivolapov, D.; Koscher, M.; Dobrokhleb, P.; Voitenko, D.; Polyarush, A.; Giniatullin, R.; Kireev, V.; Krepostnov, D.; Chernokalov, K.; Zagrivniy, F.</i>	
New Ridge Diamond Elements Improve PDC Bit Efficiency (Russian)	499
<i>Gumich, D.; Pak, M.; Lomov, A.; Gorobchenko, M.</i>	
Safe Drilling Technology for Horizontal Wells in Ultra-Thick Salt-Gypsum Rock in The Right Bank of The Turkmen Amu Darya (Russian)	510
<i>Li, Wanjun; Zhou, Haiqiu; Wang, Wei; Wang, Gang; Gu, Yixin; Xiang, Hua; Lin, Jiahua; Mu, Zihan</i>	

SESSION 4: FIELD DEVELOPMENT MANAGEMENT AND MONITORING - 1

Well Performance Wireless Monitoring with Stationary Intelligent Tracer Systems on the Prirazlomnoye Oilfield	526
<i>Morozov, O. N.; Andriyanov, M. A.; Koloda, A. V.; Shpakov, A. A.; Simakov, A. E.; Mukhametshin, I. R.; Nukhaev, M. T.; Prusakov, A. V.</i>	
Complex Distributed Permanent Monitoring System for Horizontal Wells. Noviy-Port Field Case Study	541
<i>Ipatov, A I; Kaeshkov, I S; Kremenskiy, M I; Bazhenov, D U; Buyanov, A V; Panarina, E P; Figura, E V; Klislin, I A; Nukhaev, M T</i>	
Automated Interwell Connectivity Measuring in the Presence of Self-Induced Fracturing Effect	552
<i>Ivaschenko, D. S.; Kravets, D. A.; Mumber, P. S.; Musin, A. A.; Sakhibgareev, E. E.</i>	
Integrated Approach to Managing of the Offshore Field Development Based on Example of the Yu. Korchagin Field and the V. Filanovsky Field	561
<i>Skobeev, Andrey; Senkov, Alexander; Danilko, Alexey; Volkov, Vladimir; Akhmadiev, Ruslan</i>	
Challenges and Results in Implementing a Smart Field Concept to Increase an Operational and a Developing Efficiency at Mature Field AO RITEK Case Study	580
<i>Kyrmaev, Dmitry; Maslanov, Alexandr; Karpov, Valeriy; Amirov, Andrey; Batilov, Ivan; Ratanov, Konstantin; Kozhin, Artem; Fomin, Vitaliy; Klemba, Andrey; Rybalko, Anton; Guletzkiy, Maxim</i>	
A Comprehensive Approach to Basement Fractured Reservoir Development in the Pannonian Basin: Case Study	596
<i>Polivakho, Artem; Dragosavac, Mile; Ezhov, Kirill; Kharyba, Elena; Bogatyrev, Ilya; Stulov, Leonid; Olneva, Tatjana</i>	
Automated Interwell Connectivity Measuring in the Presence of Self-Induced Fracturing Effect (Russian)	608
<i>Ivaschenko, D. S.; Kravets, D. A.; Mumber, P. S.; Musin, A. A.; Sakhibgareev, E. E.</i>	
Challenges and Results in Implementing a Smart Field Concept to Increase an Operational and a Developing Efficiency at Mature Field AO RITEK Case Study (Russian)	619
<i>Kyrmaev, Dmitry; Maslanov, Alexandr; Karpov, Valeriy; Amirov, Andrey; Batilov, Ivan; Ratanov, Konstantin; Kozhin, Artem; Fomin, Vitaliy; Klemba, Andrey; Rybalko, Anton; Guletzkiy, Maxim</i>	
Complex Distributed Permanent Monitoring System for Horizontal Wells. Noviy-Port Field Case Study (Russian)	636
<i>Ipatov, A I; Kaeshkov, I S; Kremenskiy, M I; Bazhenov, D U; Buyanov, A V; Panarina, E P; Figura, E V; Klislin, I A; Nukhaev, M T</i>	
A Comprehensive Approach to Basement Fractured Reservoir Development in the Pannonian Basin: Case Study (Russian)	650
<i>Polivakho, Artem; Dragosavac, Mile; Ezhov, Kirill; Kharyba, Elena; Bogatyrev, Ilya; Stulov, Leonid; Olneva, Tatjana</i>	

Integrated Approach to Managing of the Offshore Field Development Based on Example of the Yu. Korchagin Field and the V. Filanovsky Field (Russian)	665
<i>Skobeev, Andrey; Senkov, Alexander; Danilko, Alexey; Volkov, Vladimir; Akhmadiev, Ruslan</i>	
Well Performance Wireless Monitoring with Stationary Intelligent Tracer Systems on the Prirazlomnoye Oilfield (Russian)	686
<i>Morozov, O. N.; Andriyanov, M. A.; Koloda, A. V.; Shpakov, A. A.; Simakov, A. E.; Mukhametshin, I. R.; Nukhaev, M. T.; Prusakov, A. V.</i>	

SESSION 5: GEOMECHANICS - 2

Application of Special Well Logging Techniques for Geomechanical Model Improvement in Naturally Fractured Reservoirs	702
<i>Ezhov, K.; Arsibekov, A.; Dubinya, N.</i>	
The Study of the Unstable Fracure Propagation in the Injection Well: Numerical and Laboratory Modeling	715
<i>Trimonova, M.; Baryshnikov, N.; Zenchenko, E.; Zenchenko, P.; Turuntaev, S.</i>	
Prediction of Physical-Mechanical Properties and In-Situ Stress State of Hydrocarbon Reservoirs from Experimental Data and Theoretical Modeling	736
<i>Dubinya, N.; Tikhotsky, S.; Bayuk, I.; Beloborodov, D.; Krasnova, M.; Makarova, A.; Rusina, O.; Fokin, I.</i>	
Practical Application of Geomechanics for Critical Depression Estimation in Sand Control Problem. Case Study for Kikinda Oilfield	751
<i>Konstantin, Lezhnev; Tatyana, Timofeeva; Biluta, Maksim</i>	
Methodology for Calibration of Geomechanical Field Model for Assymetric Hydraulic Fracture Design Based on Actual Data	761
<i>Solovyev, T.; Vishnivetskiy, A.; Naumov, Y.; Martynov, D.; Kiselev, V.; Naymushin, A.; Frolov, A.; Leontev, I.; Abdrakhimov, A.; Korovaychuk, Y.; Bezikov, A.</i>	
Geomechanically Driven Approach to Drilling Since the Early Stages of Field Development in the North Caspian	775
<i>Zvyagin, V. F.; Kim, A. E.; Sadykov, L. A.; Golubtsov, R. V.</i>	
Application of Special Well Logging Techniques for Geomechanical Model Improvement in Naturally Fractured Reservoirs (Russian)	789
<i>Ezhov, K.; Arsibekov, A.; Dubinya, N.</i>	
Geomechanically Driven Approach to Drilling Since the Early Stages of Field Development in the North Caspian (Russian)	804
<i>Zvyagin, V. F.; Kim, A. E.; Sadykov, L. A.; Golubtsov, R. V.</i>	
Methodology for Calibration of Geomechanical Field Model for Assymetric Hydraulic Fracture Design Based on Actual Data (Russian)	817
<i>Solovyev, T.; Vishnivetskiy, A.; Naumov, Y.; Martynov, D.; Kiselev, V.; Naymushin, A.; Frolov, A.; Leontev, I.; Abdrakhimov, A.; Korovaychuk, Y.; Bezikov, A.</i>	
Practical Application of Geomechanics for Critical Depression Estimation in Sand Control Problem. Case Study for Kikinda Oilfield (Russian)	830
<i>Konstantin, Lezhnev; Tatyana, Timofeeva; Biluta, Maksim</i>	
Prediction of Physical-Mechanical Properties and In-Situ Stress State of Hydrocarbon Reservoirs from Experimental Data and Theoretical Modeling (Russian)	841
<i>Dubinya, N.; Tikhotsky, S.; Bayuk, I.; Beloborodov, D.; Krasnova, M.; Makarova, A.; Rusina, O.; Fokin, I.</i>	

VOLUME 2

SESSION 6: OIL AND GAS PRODUCTION – EQUIPMENT AND TECHNOLOGIES – PRODUCTION GATHERING AND PROCESSING

Improving Production Efficiency of Liquid-Loading Gas Condensate wells with ESPs at North Urengoy Field	857
<i>Epryntsev, Anton; Minikaev, Farid; Sullagaev, Alexey; Yazkov, Alexey; Khachatryan, Benik; Vildanov, Eldar; Fastovets, Andrey; Erdman, Andrey; Selivanov, Sergey</i>	
Ultra-Slim Cable-Deployed ESP Systems for Oil Field Development and Production	877
<i>Gorbunov, Dmitrii</i>	
Experimental Research of Simultaneous Water and Gas Injection Technology into Injection Wells using Mixing Devices	893
<i>Sergeev, E.; Vinogradov, P.; Abutalipov, U.; Ivanov, A.; Kitabov, A.; Esipov, P.</i>	
The Evolution of ESP Technology in the North Sea: A Reliability Study Based on Historical Data and Survival Analysis	915
<i>Pastre, L. F.; Fastovets, A.</i>	
Peculiarities of the In-Field Gas Gathering Systems at the Latest Stage of the Development of Cenomanian Deposit Yamburgskoye Gas Field	950
<i>Kudiyarov, G.; Istomin, V.; Egorichev, A.; Stonozhenko, I.; Rotov, A.; Sergeeva, D.</i>	
Case Study: Application of On-Off Adaptive ICDs with Inner Sliding Sleeves in a Horizontal Well in Saudi Arabia using 2 3/8-in Coiled Tubing	963
<i>Anopov, Alexey; Alomair, Ahmed; Aseeri, Mohammed A.; Ahmed, Danish; Molero, Nestor</i>	
Case Study: Application of On-Off Adaptive ICDs with Inner Sliding Sleeves in a Horizontal Well in Saudi Arabia using 2 3/8-in Coiled Tubing (Russian)	975
<i>Anopov, Alexey; Alomair, Ahmed; Aseeri, Mohammed A.; Ahmed, Danish; Molero, Nestor</i>	

The Evolution of ESP Technology in the North Sea: A Reliability Study Based on Historical Data and Survival Analysis (Russian)	987
<i>Pastre, L. F.; Fastovets, A.</i>	
Experimental Research of Simultaneous Water and Gas Injection Technology into Injection Wells using Mixing Devices (Russian)	1026
<i>Sergeev, E.; Vinogradov, P.; Abutalipov, U.; Ivanov, A.; Kitabov, A.; Esipov, P.</i>	
Improving Production Efficiency of Liquid-Loading Gas Condensate wells with ESPs at North Urengoy Field (Russian)	1049
<i>Epryntsev, Anton; Minikaev, Farid; Sullagaev, Alexey; Yazkov, Alexey; Khachaturyan, Benik; Vildanov, Eldar; Fastovets, Andrey; Erdman, Andrey; Selivanov, Sergey</i>	
Peculiarities of the In-Field Gas Gathering Systems at the Latest Stage of the Development of Cenomanian Deposit Yamburgskoye Gas Field (Russian)	1077
<i>Kudiyarov, G.; Istomin, V.; Egorichev, A.; Stonozhenko, I.; Rotov, A.; Sergeeva, D.</i>	
Ultra-Slim Cable-Deployed ESP Systems for Oil Field Development and Production (Russian)	1100
<i>Gorbunov, Dmitrii</i>	
Search and Argumentation of Decisions Aimed at Increasing the Efficiency of Bottom-Hole Zone Stimulation in Oil Accumulations with Challenged Reserves	1115
<i>Mukhametshin, V.; Andreev, V.</i>	
Improvement of Reservoir Management Effectiveness through Optimization of Bottomhole Pressures of Wells	1138
<i>Itkissanov, Valery; Bobb, Irina; Khalimov, Rustam; Ganiev, Bulat</i>	
A Tool for Achieving the Base Production Potential	1149
<i>Zhdanov, I. A.; Andzhukaev, Ts. V.; Margarit, A. S.; Pustovskikh, A. A.</i>	
Oil Production Enhancement Operations Recommendations by Well-Testing and Decline Analyze	1157
<i>Lazutkin, D.; Gulyaev, D.; Morozovskiy, N.</i>	
Active Technologies of Production-Logging and Well-Testing in Injection Wells with Induced Fractures	1173
<i>Musaleev, Kharis</i>	
Active Technologies of Production-Logging and Well-Testing in Injection Wells with Induced Fractures (Russian)	1189
<i>Musaleev, Kharis</i>	
Improvement of Reservoir Management Effectiveness through Optimization of Bottomhole Pressures of Wells (Russian)	1206
<i>Itkissanov, Valery; Bobb, Irina; Khalimov, Rustam; Ganiev, Bulat</i>	
Oil Production Enhancement Operations Recommendations by Well-Testing and Decline Analyze (Russian)	1218
<i>Lazutkin, D.; Gulyaev, D.; Morozovskiy, N.</i>	

SESSION 32: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "FIELD DEVELOPMENT MANAGEMENT AND MONITORING"

Search and Argumentation of Decisions Aimed at Increasing the Efficiency of Bottom-Hole Zone Stimulation in Oil Accumulations with Challenged Reserves (Russian)	1235
<i>Mukhametshin, V.; Andreev, V.</i>	
A Tool for Achieving the Base Production Potential (Russian)	1258
<i>Zhdanov, I. A.; Andzhukaev, Ts. V.; Margarit, A. S.; Pustovskikh, A. A.</i>	
Application of 3D and Near-Wellbore Geomechanical Models for Well Trajectories Optimization	1267
<i>Alchibaev, D. V.; Glazyrina, A. Ye.; Ovcharenko, Yu. V.; Kalinin, O. Yu.; Lukin, S. V.; Martemyanov, A. N.; Zhigulskiy, S. V.; Chebyshev, I. S.; Sidelnik, A. V.; Bazyrov, I. Sh.</i>	
Creation of the Strength Envelope for Rock Samples by the Multi-Cycle Loading Method	1282
<i>Skripkin, A. G.; Polyakov, D. A.; Toropetsky, K. V.</i>	
Development of 3D Geomechanical Model: Case Study from One Off-Shore Sakhalin Field	1294
<i>Ershov, A.; Eidinov, A.; Popova, A.</i>	

SESSION 34: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "FIELD DEVELOPMENT MANAGEMENT AND MONITORING"

Application of 3D and Near-Wellbore Geomechanical Models for Well Trajectories Optimization (Russian)	1322
<i>Alchibaev, D. V.; Glazyrina, A. Ye.; Ovcharenko, Yu. V.; Kalinin, O. Yu.; Lukin, S. V.; Martemyanov, A. N.; Zhigulskiy, S. V.; Chebyshev, I. S.; Sidelnik, A. V.; Bazyrov, I. Sh.</i>	
Creation of the Strength Envelope for Rock Samples by the Multi-Cycle Loading Method (Russian)	1339
<i>Skripkin, A. G.; Polyakov, D. A.; Toropetsky, K. V.</i>	
Development of 3D Geomechanical Model: Case Study from One Off-Shore Sakhalin Field (Russian)	1352
<i>Ershov, A.; Eidinov, A.; Popova, A.</i>	

SESSION 36: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "OIL AND GAS PRODUCTION – EQUIPMENT AND TECHNOLOGIES. PRODUCTION GATHERING AND PROCESSING / HARD-TO-RECOVER RESERVES"

Application of Big Data Tools for Unstructured Data Analysis to Improve ESP Operation Efficiency	1376
<i>Sarapulov, N. P.; Khabibullin, R. A.</i>	

Development, Implementation and the Results of Implementation of Novel Dual Completion Technology, and New Methods of Evaluation of Oil Wells Layers During Dual Completion	1387
<i>Isaev, A. A.; Takhautdinov, R. Sh.; Malykhin, V. I.; Sharifullin, A. A.</i>	
Study of Suppression of Gas Bubbles Coalescence in the Liquid for Use in Technologies of Oil Production and Associated Gas Utilization	1420
<i>Drozдов, A. N.; Drozdov, N. A.; Bunkin, N. F.; Kozlov, V. A.</i>	
Integrated Thermodynamic Reservoir-to-Surface Modeling: The Modern Tool for Optimizing the Cycling Steam Stimulation Heavy Oil Recovery Process	1450
<i>Khaliulin, Ruslan; Litus, Dmitry; Kharkovsky, Alexander; Shakhov, Dmitry; Nuriev, Ayvar; Maskaev, Pavel; Kuzmich, Andrey</i>	
New Approaches in the Development of Carbonate Deposits	1468
<i>Povzhyk, P. P.; Privalov, V. V.; Kudryashov, A. A.; Serdyukov, D. V.; Zhuk, I. V.</i>	
Application of Big Data Tools for Unstructured Data Analysis to Improve ESP Operation Efficiency (Russian)	1488
<i>Sarapulov, N. P.; Khabibullin, R. A.</i>	
Development, Implementation and the Results of Implementation of Novel Dual Completion Technology, and New Methods of Evaluation of Oil Wells Layers during Dual Completion (Russian)	1499
<i>Isaev, A. A.; Takhautdinov, R. Sh.; Malykhin, V. I.; Sharifullin, A. A.</i>	
Integrated Thermodynamic Reservoir-to-Surface Modeling: The Modern Tool for Optimizing the Cycling Steam Stimulation Heavy Oil Recovery Process (Russian)	1532
<i>Khaliulin, Ruslan; Litus, Dmitry; Kharkovsky, Alexander; Shakhov, Dmitry; Nuriev, Ayvar; Maskaev, Pavel; Kuzmich, Andrey</i>	
New Approaches in the Development of Carbonate Deposits (Russian)	1552
<i>Povzhyk, P. P.; Privalov, V. V.; Kudryashov, A. A.; Serdyukov, D. V.; Zhuk, I. V.</i>	
Study of Suppression of Gas Bubbles Coalescence in the Liquid for Use in Technologies of Oil Production and Associated Gas Utilization (Russian)	1576
<i>Drozдов, A. N.; Drozdov, N. A.; Bunkin, N. F.; Kozlov, V. A.</i>	

SESSION 40: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "WELL CONSTRUCTION – DRILLING AND COMPLETION/ STIMULATION AND MULTISTAGE HYDRAULIC FRACTURING"

Hybrid Drill Bit Mitigates Downhole Vibrations, Improving Drilling Efficiency in Challenging Curve Section of a Highly Interbedded Formation	1606
<i>Simiao, Sheng; Jun, Zeng; Ming, Li; Yubao, Shi; Chunliang, Gao; Jin, Hui; Wang, Changhao; Wang, Chen; Qi, Yue; Li, Deqing</i>	
A Package of Technical and Technological Solutions for Enhancement of Casing Quality During Wells Construction	1615
<i>Isaev, A. A.; Takhautdinov, R. Sh.; Malykhin, V. I.; Sharifullin, A. A.</i>	
Mathematical Modeling of Proppant Embedment and Its Effect on Conductivity of Hydraulic Fracture	1646
<i>Pimenov, A. A.; Kanevskaya, R. D.</i>	
Improved Hydraulic Fracturing Results Utilizing Microfrac Testing in a West Siberia Field	1654
<i>Karpov, V. B.; Parshin, N. V.; Ryazanov, A. A.; Zheng, Y.; Kornilov, A. V.; Moiseenko, A. A.</i>	
Hybrid Drill Bit Mitigates Downhole Vibrations, Improving Drilling Efficiency in Challenging Curve Section of a Highly Interbedded Formation (Russian)	1668
<i>Simiao, Sheng; Jun, Zeng; Ming, Li; Yubao, Shi; Chunliang, Gao; Jin, Hui; Wang, Changhao; Wang, Chen; Qi, Yue; Li, Deqing</i>	
Improved Hydraulic Fracturing Results Utilizing Microfrac Testing in a West Siberia Field (Russian)	1678
<i>Karpov, V. B.; Parshin, N. V.; Ryazanov, A. A.; Zheng, Y.; Kornilov, A. V.; Moiseenko, A. A.</i>	
Mathematical Modeling of Proppant Embedment and Its Effect on Conductivity of Hydraulic Fracture (Russian)	1695
<i>Pimenov, A. A.; Kanevskaya, R. D.</i>	

VOLUME 3

A Package of Technical and Technological Solutions for Enhancement of Casing Quality during Wells Construction (Russian)	1703
<i>Isaev, A. A.; Takhautdinov, R. Sh.; Malykhin, V. I.; Sharifullin, A. A.</i>	

SESSION 7: STATIC AND DYNAMIC MODELING -1

Building and Application of Integrated Model of a Large Sakhalin Offshore Oil and Gas Condensate Field	1736
<i>Kuzevanov, M. A.; Skvortsov, D. O.; Karmazin, M. S.; Buchinskiy, S. V.</i>	
Integrated Modeling as an Instrument for Unique Gas Condensate Field Development Concept Choice	1749
<i>Gataullin, T. I.; Poushev, A. V.; Prokopenko, A. V.; Sullagaev, A. V.</i>	
Analysis of Geological and Hydrodynamic Uncertainties in the Design of Field Development Indicators	1762
<i>Kravtsov, A. I.</i>	
Experience of MDA Ensemble Smoother Practice for Volga-Ural Oilfield	1774
<i>Breslavich, Ilya D.; Sarkisov, Gennadiy G.; Makarova, Ekaterina S.</i>	
An Experience of Creation Variable Hydrodynamic Models on Example Tyumen Deposits in Case of Geological Structure Uncertainties	1783
<i>Mett, D. A.; Sukhodanova, S. S.</i>	
Modelling of Injection Well Capacity with Account for Permeability Damage in the Near-Wellbore Zone for Oil Fields in Western Siberia	1792
<i>Boronin, S. A.; Tolmacheva, K. I.; Osipov, A. A.; Orlov, D. M.; Koroteev, D. A.; Sitnikov, A. N.; Yakovlev, A. A.; Belozarov, B. V.; Belonogov, E. V.; Galeev, R. R.</i>	

Analysis of Geological and Hydrodynamic Uncertainties in the Design of Field Development Indicators (Russian)	1806
<i>Kravtsov, A. I.</i>	
Building and Application of Integrated Model of a Large Sakhalin Offshore Oil and Gas Condensate Field (Russian)	1818
<i>Kuzevanov, M. A.; Skvortsov, D. O.; Karmazin, M. S.; Buchinskiy, S. V.</i>	
An Experience of Creation Variable Hydrodynamic Models on Example Tyumen Deposits in Case of Geological Structure Uncertainties (Russian)	1831
<i>Mett, D. A.; Sukhodanova, S. S.</i>	
Experience of MDA Ensemble Smoother Practice for Volga-Ural Oilfield (Russian)	1845
<i>Breslavich, Ilya D.; Sarkisov, Gennadiy G.; Makarova, Ekaterina S.</i>	
Integrated Modeling as an Instrument for Unique Gas Condensate Field Development Concept Choice (Russian)	1854
<i>Gataullin, T. I.; Poushev, A. V.; Prokopenko, A. V.; Sullagaev, A. V.</i>	
Modelling of Injection Well Capacity with Account for Permeability Damage in the Near-Wellbore Zone for Oil Fields in Western Siberia (Russian)	1868
<i>Boronin, S. A.; Tolmacheva, K. I.; Osipov, A. A.; Orlov, D. M.; Koroteev, D. A.; Simikov, A. N.; Yakovlev, A. A.; Belozarov, B. V.; Belonogov, E. V.; Galeev, R. R.</i>	

SESSION 8: FIELD DEVELOPMENT AND MONITORING - 2

Evolution of Approaches to Oil Rims Development in Terrigenous Formations of Eastern Siberia	1883
<i>Levanov, A.; Kobayshv, A.; Chuprov, A.; Yashchenko, S.; Musin, R.; Chirgun, A.; Svyashchenko, A.; Grinchenko, V.; Ovchinnikov, A.; Burdakov, D.; Zimin, S.</i>	
Dynamic Reservoir-Pressure Maintenance System Study in Carbonate Reservoir with Complicated Pore Structure by Production Analysis, Production Logging and Well-Testing	1920
<i>Aslanyan, A.; Gilfanov, A.; Gulyaev, D.; Krichevsky, V.; Timerbaev, M.</i>	
Natural Fractured Reservoirs Characteristics Estimation Based on Production Data using Simplified Correlation. Examples from Russia	1934
<i>Syrtilanov, V.; Kovaleva, E.; Aleev, A.</i>	
New Approach to Estimate Reservoir Complexity Index for West Siberian Fields	1950
<i>Naugolnov, Mikhail Valerevich; Bolshakov, Maxim Sergeevich; Mijnaerends, Runo</i>	
Possibilities of Microseismic Monitoring Technology for Control and Optimization of Hydrocarbon Reservoir Development the Case of Eastern Kazakhstan Oilfields	1965
<i>Anokhina, E.; Zhegalina, L.; Erokhin, G.; Demidova, E.; Stokov, V.; Kozlov, M.</i>	
Dynamic Reservoir-Pressure Maintenance System Study in Carbonate Reservoir with Complicated Pore Structure by Production Analysis, Production Logging and Well-Testing (Russian)	1993
<i>Aslanyan, A.; Gilfanov, A.; Gulyaev, D.; Krichevsky, V.; Timerbaev, M.</i>	
Evolution of Approaches to Oil Rims Development in Terrigenous Formations of Eastern Siberia (Russian)	2008
<i>Levanov, A.; Kobayshv, A.; Chuprov, A.; Yashchenko, S.; Musin, R.; Chirgun, A.; Svyashchenko, A.; Grinchenko, V.; Ovchinnikov, A.; Burdakov, D.; Zimin, S.</i>	
Natural Fractured Reservoirs Characteristics Estimation Based on Production Data using Simplified Correlation. Examples from Russia (Russian)	2053
<i>Syrtilanov, V.; Kovaleva, E.; Aleev, A.</i>	
New Approach to Estimate Reservoir Complexity Index for West Siberian Fields (Russian)	2071
<i>Naugolnov, Mikhail Valerevich; Bolshakov, Maxim Sergeevich; Mijnaerends, Runo</i>	
Possibilities of Microseismic Monitoring Technology for Control and Optimization of Hydrocarbon Reservoir Development the Case of Eastern Kazakhstan Oilfields (Russian)	2088
<i>Anokhina, E.; Zhegalina, L.; Erokhin, G.; Demidova, E.; Stokov, V.; Kozlov, M.</i>	

SESSION 9: WELL AND FORMATION TESTING. FORMATION FLUIDS SAMPLING AND EVALUATION - 1

Well Completion Technology Evaluation for Oil Rim Field Development using Permanent Tracers: A Case Study from North-Komsomolskoye Field.	2118
<i>Gashimov, R. R.; Salyaev, V. V.; Mukhametshin, I. R.; Nukhaev, M. T.; Prusakov, A. V.</i>	
Investigation of Temperature Field in the Formations by Hydraulic Fracture	2135
<i>Valiullin, R.; Sharafutdinov, R.; Ramazanov, A.; Sharipov, A.; Nizaeva, I.; Badetz, C.; Jaffrezic, V.</i>	
A New Approach to Test Production of Exploration Wells in the Territory of Eastern Siberia	2157
<i>Dadakin, N. M.; Rymarenko, K. V.; Nukhayev, M. T.; Lavrov, V. V.</i>	
Identification of Refracturing Reorientation using Decline-Analysis and Geomechanical Simulator	2175
<i>Asalkhuzina, G. F.; Davletbaev, A. Ya.; Fedorov, A. I.; Yuldasheva, A. R.; Efremov, A. N.; Sergeychev, A. V.; Ishkin, D. Z.</i>	
Production Logging in Horizontal Wells without Well Intervention	2186
<i>Ovchinnikov, Kirill; Gurianov, Andrey; Buzin, Pavel; Katashov, Aleksander; Dubnov, Oleg; Agishev, Ruslan</i>	
Novel Approach to Data Analysis of Pressure Transient Testing in Fractured Carbonate Reservoir. Ansagan Field Case	2200
<i>Yeskozha, B.; Aimagambetov, M.; Kabyshev, P.; Burlibayev, A.; Kulagina, T.; Kaipov, Y.; Thomas, D. P.; Zhandin, A.</i>	
Identification of Refracturing Reorientation using Decline-Analysis and Geomechanical Simulator (Russian)	2218
<i>Asalkhuzina, G. F.; Davletbaev, A. Ya.; Fedorov, A. I.; Yuldasheva, A. R.; Efremov, A. N.; Sergeychev, A. V.; Ishkin, D. Z.</i>	
Investigation of Temperature Field in the Formations by Hydraulic Fracture (Russian)	2230
<i>Valiullin, R.; Sharafutdinov, R.; Ramazanov, A.; Sharipov, A.; Nizaeva, I.; Badetz, C.; Jaffrezic, V.</i>	
A New Approach to Test Production of Exploration Wells in the Territory of Eastern Siberia (Russian)	2250
<i>Dadakin, N. M.; Rymarenko, K. V.; Nukhayev, M. T.; Lavrov, V. V.</i>	

Novel Approach to Data Analysis of Pressure Transient Testing in Fractured Carbonate Reservoir. Ansagan Field Case (Russian)	2269
<i>Yeskozha, B.; Aimagambetov, M.; Kabyshev, P.; Burlibayev, A.; Kulagina, T.; Kaipov, Y.; Thomas, D. P.; Zhandin, A.</i>	
Production Logging in Horizontal Wells without Well Intervention (Russian)	2289
<i>Ovchinnikov, Kirill; Gurianov, Andrey; Buzin, Pavel; Katashov, Aleksander; Dubnov, Oleg; Agishev, Ruslan</i>	
Well Completion Technology Evaluation for Oil Rim Field Development using Permanent Tracers: A Case Study from North-Komsomolskoye Field (Russian)	2302
<i>Gashimov, R. R.; Salyaev, V. V.; Mukhametshin, I. R.; Nukhaev, M. T.; Prusakov, A. V.</i>	

SESSION 10: CORE ANALYSIS - 1

Integrated Laboratory Research Procedure for Core Cavernous Samples	2319
<i>Vahrusheva, I. A.; Gilmanov, Ya. I.; Nikolaev, M. U.; Zagidullin, M. I.</i>	
Carbonate Core: Research Features, Complexities, Prospects	2334
<i>Kovalev, K. M.; Grishin, P. A.; Gabsia, B. K.; Kurochkin, A. D.; Kolesnikov, M. V.; Levchenko, A. C.</i>	
Laboratory Studies of Sand Control Systems Used for Heavy Oil Production from Unconsolidated Rocks	2347
<i>Betekhtin, A. N.; Kostin, D. K.; Tikhomirov, E. V.; Nikolaev, M. N.; Lyapin, V. V.; Misbakhov, R. Zh.</i>	
Features of Water and Process Fluids Effect on Filtration Properties of Terrigenous Reservoirs of the Nepa Suite of Eastern Siberia	2354
<i>Gaydukov, L. A.; Nikolaev, V. A.; Vorobev, V. S.</i>	
New Take on Mechanical Core Testing Methods and Results Interpretation for Geomechanical Rock Properties Evaluation	2366
<i>Zinovyev, A.; Kostina, A.; Maximov, D.; Korelskiy, E.; Samohvalov, A.; Strakhov, S.; Kharchenko, A.</i>	
Investigation of Relationships of Geomechanic Properties of Layered Rocks Depending on Hydrostatical Pressure	2379
<i>Aliev, Mekhrali; Baiburova, Minsariya; Ibragimov, Ildar; Ismagilova, Zulfiya; Lutfullin, Azat</i>	
Carbonate Core: Research Features, Complexities, Prospects (Russian)	2393
<i>Kovalev, K. M.; Grishin, P. A.; Gabsia, B. K.; Kurochkin, A.; Kolesnikov, M. V.; Levchenko, A. C.</i>	
Features of Water and Process Fluids Effect on Filtration Properties of Terrigenous Reservoirs of the Nepa Suite of Eastern Siberia (Russian)	2410
<i>Gaydukov, L. A.; Nikolaev, V. A.; Vorobev, V. S.</i>	
Integrated Laboratory Research Procedure for Core Cavernous Samples (Russian)	2423
<i>Vahrusheva, I. A.; Gilmanov, Ya. I.; Nikolaev, M. U.; Zagidullin, M. I.</i>	
Investigation of Relationships of Geomechanic Properties of Layered Rocks Depending on Hydrostatical Pressure (Russian)	2440
<i>Aliev, Mekhrali; Baiburova, Minsariya; Ibragimov, Ildar; Ismagilova, Zulfiya; Lutfullin, Azat</i>	
Laboratory Studies of Sand Control Systems Used for Heavy Oil Production from Unconsolidated Rocks (Russian)	2454
<i>Betekhtin, A. N.; Kostin, D. K.; Tikhomirov, E. V.; Nikolaev, M. N.; Lyapin, V. V.; Misbakhov, R. Zh.</i>	
New Take on Mechanical Core Testing Methods and Results Interpretation for Geomechanical Rock Properties Evaluation (Russian)	2462
<i>Zinovyev, A.; Kostina, A.; Maximov, D.; Korelskiy, E.; Samohvalov, A.; Strakhov, S.; Kharchenko, A.</i>	

SESSION 11: STATIC AND DYNAMIC MODELING - 2

Computation of Absolute and Relative Permeability Full Tensors for Fractured Reservoirs	2475
<i>Blonsky, A. V.; Mitrushkin, D. A.; Kudryashov, I. Yu.; Plynin, V. V.</i>	
Hybrid Approach to Reservoir Modeling Based on Modern CPU and GPU Computational Platforms	2495
<i>Telishev, Alexey; Bogachev, Kirill; Shelkov, Vasilii; Eydinov, Dmitry; Tran, Hau</i>	
Well Index Calculation for Arbitrary Trajectory, Perforation, Hydraulic Fracturing and Geological Properties	2503
<i>Bakhty, N. S.; Bembel, G. S.</i>	
Reservoir Modeling of Complex Structure Reservoirs on Dynamic Adaptive 3D Pebi-Grid	2532
<i>Filippov, D. D.; Kudryashov, I. Yu.; Maksimov, D. Yu.; Mitrushkin, D. A.; Vasekin, B. V.; Roshchektaev, A. P.</i>	

VOLUME 4

Automated Geologically-Consistent History Matching of Facies Distribution and Reservoir Properties in Inter-Well Space by Adjoint Methods	2551
<i>Zakirov, E. S.; Lyubimova, O. V.; Indrupsky, I. M.; Anikeev, D. P.; Arkhipova, E. Yu.</i>	
The Concept of the Complex Carbonate Reservoir Saturation with the Variable Wettability	2574
<i>Kanevskaya, R. D.; Budkin, K. D.; Korobkin, S. V.; Lubimova, O. V.; Pimenov, A. A.; Isakova, T. G.; Markova, A. Yu</i>	
Automated Geologically-Consistent History Matching of Facies Distribution and Reservoir Properties in Inter-Well Space by Adjoint Methods (Russian)	2584
<i>Zakirov, E. S.; Lyubimova, O. V.; Indrupsky, I. M.; Anikeev, D. P.; Arkhipova, E. Yu</i>	
Computation of Absolute and Relative Permeability Full Tensors for Fractured Reservoirs (Russian)	2607
<i>Blonsky, A. V.; Mitrushkin, D. A.; Kudryashov, I. Yu.; Plynin, V. V</i>	
The Concept of the Complex Carbonate Reservoir Saturation with the Variable Wettability (Russian)	2627
<i>Kanevskaya, R. D.; Budkin, K. D.; Korobkin, S. V.; Lubimova, O. V.; Pimenov, A. A.; Isakova, T. G.; Markova, A. Yu.</i>	
Hybrid Approach to Reservoir Modeling Based on Modern CPU and GPU Computational Platforms (Russian)	2638
<i>Telishev, Alexey; Bogachev, Kirill; Shelkov, Vasilii; Eydinov, Dmitry; Tran, Hau</i>	

Reactive Flow Modeling at Pore Scale	2649
<i>Beletskaya, A.; Ivanov, E.; Stukan, M.; Safonov, S.; Dinariev, O.</i>	
Reactive Flow Modeling at Pore Scale (Russian)	2667
<i>Beletskaya, A.; Ivanov, E.; Stukan, M.; Safonov, S.; Dinariev, O.</i>	
Reservoir Modeling of Complex Structure Reservoirs on Dynamic Adaptive 3D Pebi-Grid (Russian)	2688
<i>Filippov, D. D.; Kudryashov, I. Yu.; Maksimov, D. Yu.; Mitrushkin, D. A.; Vasekin, B. V.; Roshchektaev, A. P.</i>	
Well Index Calculation for Arbitrary Trajectory, Perforation, Hydraulic Fracturing and Geological Properties (Russian)	2707
<i>Bakhty, N. S.; Bembel, G. S.</i>	

SESSION 12: FIELD DEVELOPMENT MANAGEMENT AND MONITORING - 3

Benchmarking of Various Types of Completions and MS Technologies for Horizontal Wells at the Priobskoe Field Southern License Topic	2735
<i>Simikov, A.; Asmandiyarov, R.; Pustovskikh, A.; Sheremeev, A.; Zulkarniev, R.; Kolupaev, D.</i>	
Automatic Control Algorithms of Water-Gas Mixture Injection under Implementation of SWAG Technology	2745
<i>Gladysheva, Marina A.; Vinogradov, Pavel V.; BashNIPneft LLC Lutfurakhmanov, Artur G.; Nadezhdin, Oleg V.; Efimov, Dmitriy V.; Sergeev, Evgeniy I.</i>	
Investigation of a Pressure Barrier at OWC and its Effect on Waterflood	2767
<i>Stasyuk, Bogdan; Camerlo, Virginia</i>	
Control of Displacement Front Uniformity by Fractal Dimensions	2774
<i>Suleimanov, Baghir A.; Guseynova, Naida I.; Veliyev, Elchin F.</i>	
Information Support of Field Development Control and Analysis in LUKOIL Research and Development Complex	2782
<i>Chertenkov, Mikhail V.; Zolova, Irina V.; Pryanichnikova, Elena V.; Vidyakin, Vasily V.</i>	
Oil Fingerprinting Technology for Well and Reservoir Management	2790
<i>Pavlov, Dmitriy; Vasiliev, Anton</i>	
Automatic Control Algorithms of Water-Gas Mixture Injection under Implementation of SWAG Technology (Russian)	2814
<i>Gladysheva, Marina A.; Vinogradov, Pavel V.; Lutfurakhmanov, Artur G.; Nadezhdin, Oleg V.; Efimov, Dmitriy V.; Sergeev, Evgeniy I.</i>	
Benchmarking of Various Types of Completions and MS Technologies for Horizontal Wells at the Priobskoe Field Southern License Topic (Russian)	2840
<i>Simikov, A.; Asmandiyarov, R.; Pustovskikh, A.; Sheremeev, A.; Zulkarniev, R.; Kolupaev, D.</i>	
Control of Displacement Front Uniformity by Fractal Dimensions (Russian)	2850
<i>Suleimanov, Baghir A.; Guseynova, Naida I.; Veliyev, Elchin F.</i>	
Information Support of Field Development Control and Analysis in LUKOIL Research and Development Complex (Russian)	2858
<i>Chertenkov, Mikhail V.; Zolova, Irina V.; Pryanichnikova, Elena V.; Vidyakin, Vasily V.</i>	
Investigation of a Pressure Barrier at OWC and its Effect on Waterflood (Russian)	2867
<i>Stasyuk, Bogdan; Camerlo, Virginia</i>	
Oil Fingerprinting Technology for Well and Reservoir Management (Russian)	2878
<i>Pavlov, Dmitriy; Vasiliev, Anton</i>	

SESSION 13: HARD-TO-RECOVER RESERVES

Precise Fracturing: Increasing Number of Stages and Reducing Treatments Size in Oil Rims of Novoportovskoe Oil Field	2902
<i>Kazakov, E.; Vereschagin, S.; Kichigin, A.; Olenikova, O.; Ishangaliev, A.; Bulatov, F. F.; Saifudinov, E.</i>	
Successful Hydraulic Fracturing Techniques in Shallow Unconsolidated Heavy Oil Sandstones	2914
<i>Zagrebelnyy, E.; Martynov, M.; Konopelko, A.</i>	
Results of Pilot Work on Extraction of Natural Bitumens From Oil-Wet Fractured Carbonate Rocks: Boca De Jaruco Field Case	2920
<i>Yudin, E. N.; Petrashov, O. V.; Osipov, A. V.</i>	
Optimizing the Development of Tight Reserves of the V. Vinogradov Field using Multi-Stage Hydraulic Fracturing	2937
<i>Karpov, V.; Parshin, N.; Chertenkov, M.; Veremko, N.; Aleroev, A.; Kuchmezov, Sh.</i>	
Heat and Mass Transfer Processes Caused by Natural Thermal Convection in Oil-Containing Media	2949
<i>Kunevsky, V. V.; Osmos, V. B.; Vankov, Yu. V.; Larionov, V. M.; Saifullin, E. R.</i>	
Local Stress Shadow Effect Analysis in Multistage Hydraulic Fracturing Design Considering Small Drillhole Spacing	2960
<i>Karpov, V.; Parshin, N.; Ryazanov, A.; Moiseenko, A.; Bochkarev, A.; Mitrushkin, D.; Nikitin, R.</i>	
Heat and Mass Transfer Processes Caused by Natural Thermal Convection in Oil-Containing Media (Russian)	2979
<i>Kunevsky, V. V.; Osmos, V. B.; Vankov, Yu. V.; Larionov, V. M.; Saifullin, E. R.</i>	
Local Stress Shadow Effect Analysis in Multistage Hydraulic Fracturing Design Considering Small Drillhole Spacing (Russian)	2990
<i>Karpov, V.; Parshin, N.; Ryazanov, A.; Moiseenko, A.; Bochkarev, A.; Mitrushkin, D.; Nikitin, R.</i>	
Optimizing the Development of Tight Reserves of the V. Vinogradov Field using Multi-Stage Hydraulic Fracturing (Russian)	3011
<i>Karpov, V.; Parshin, N.; Chertenkov, M.; Veremko, N.; Aleroev, A.; Kuchmezov, Sh.</i>	

Precise Fracturing: Increasing Number of Stages and Reducing Treatments Size in Oil Rims of Novoportovskoe Oil Field (Russian)	3020
<i>Kazakov, E.; Vereschagin, S.; Kichigin, A.; Olennikova, O.; Ishangaliev, A.; Bulatov, F. F.; Saifutdinov, E.</i>	
Results of Pilot Work on Extraction of Natural Bitumens From Oil-Wet Fractured Carbonate Rocks: Boca De Jaruco Field Case (Russian)	3035
<i>Yudin, E. N.; Petrashov, O. V.; Osipov, A. V.</i>	
Successful Hydraulic Fracturing Techniques in Shallow Unconsolidated Heavy Oil Sandstones (Russian)	3055
<i>Zagrebelnyy, E.; Martynov, M.; Konopelko, A.</i>	

SESSION 14: CORE ANALYSIS - 2

Mosaic Hydrophobization of the Surface of Organic-Mineral Matrix from Rocks of Bazhenov Formation	3062
<i>Bogdanovich, N. N.; Borisenko, S. A.; Kozlova, E. V.; Spasennykh, M. Yu; Rudakovskaya, S. Yu.</i>	
Multi-Scale Image Fusion of X-Ray Microtomography and SEM Data to Model Flow and Transport Properties for Complex Rocks on Pore-Level	3079
<i>Gerke, Kirill M.; Karsanina, Marina V.; Sizonenko, Timofey O.; Miao, Xiuxiu; Gafurova, Dina R.; Korost, Dmitry V.</i>	
Experimental and Theoretical Study of Microstructural Wettability of Oil and Gas Reservoirs	3093
<i>Mikhailov, N. N.; Motorova, K. A.</i>	
Evaluation Method of Influence of Catalyst Precursors on Initiation of In-Situ Combustion and It's Dynamics	3105
<i>Sadikov, Kamil; Larionov, Victor; Varfolomeev, Mikhail</i>	
Image Processing and Machine Learning Approaches for Petrographic Thin Section Analysis	3115
<i>Budenny, Semen; Pachezhertsev, Alexey; Bukharev, Alexander; Erofeev, Artem; Mitrushkin, Dmitry; Belozarov, Boris</i>	
Laboratory Modeling of Residual Oil Mobilization in Flooded Reservoirs	3127
<i>Melekhin, Sergey V.; Mikhailov, Nikolay N.</i>	
Evaluation Method of Influence of Catalyst Precursors on Initiation of In-Situ Combustion and It's Dynamics (Russian)	3139
<i>Sadikov, Kamil; Larionov, Victor; Varfolomeev, Mikhail</i>	
Experimental and Theoretical Study of Microstructural Wettability of Oil and Gas Reservoirs (Russian)	3149
<i>Mikhailov, N. N.; Motorova, K. A.</i>	
Image Processing and Machine Learning Approaches for Petrographic Thin Section Analysis (Russian)	3160
<i>Budenny, Semen; Pachezhertsev, Alexey; Bukharev, Alexander; Erofeev, Artem; Mitrushkin, Dmitry; Belozarov, Boris</i>	
Laboratory Modeling of Residual Oil Mobilization in Flooded Reservoirs (Russian)	3173
<i>Melekhin, Sergey V.; Mikhailov, Nikolay N.; Russian, Gubkin</i>	
Mosaic Hydrophobization of the Surface of Organic-Mineral Matrix from Rocks of Bazhenov Formation (Russian)	3187
<i>Bogdanovich, N. N.; Borisenko, S. A.; Kozlova, E. V.; Spasennykh, M. Yu; Rudakovskaya, S. Yu.</i>	
Multi-Scale Image Fusion of X-Ray Microtomography and SEM Data to Model Flow and Transport Properties for Complex Rocks on Pore-Level (Russian)	3205
<i>Gerke, Kirill M.; Karsanina, Marina V.; Sizonenko, Timofey O.; Miao, Xiuxiu; Gafurova, Dina R.; Korost, Dmitry V.</i>	

SESSION 35: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "HARD-TO-RECOVER RESERVES"

Control Methods of Propellant Fracturing for Production Stimulation	3222
<i>Vershinin, V.; Fedorov, K.; Gankin, Y.; Kirichenko, A.</i>	
Improving SAGD Efficiency in Carbonate Reservoirs by Combining Horizontal, Deviated and Vertical Wells	3236
<i>Taraskin, Evgenii; Ursegov, Stanislav</i>	
Applications of Material Balance for Determining the Dynamic Performance of Fractures in a Dual-Porosity System in HP-HT Reservoirs	3254
<i>Alcantara, R.; Ham, J. M.; Paredes, J. E.</i>	
Optimization of Water Injection Policy for Horizontal Wells in Tight Oil with Low Pressure	3270
<i>Wang, Jinfang; Tian, Jun; Wang, Zhengmao; Tian, Changbing; Shi, Chengfang; Gao, Jian</i>	
Applications of Material Balance for Determining the Dynamic Performance of Fractures in a Dual-Porosity System in HP-HT Reservoirs (Russian)	3283
<i>Alcantara, R.; Ham, J. M.; Paredes, J. E.</i>	
Control Methods of Propellant Fracturing for Production Stimulation (Russian)	3307
<i>Vershinin, V.; Fedorov, K.; Gankin, Y.; Kirichenko, A.</i>	
Improving SAGD Efficiency in Carbonate Reservoirs by Combining Horizontal, Deviated and Vertical Wells (Russian)	3322
<i>Taraskin, Evgenii; Ursegov, Stanislav</i>	
Optimization of Water Injection Policy for Horizontal Wells in Tight Oil with Low Pressure (Russian)	3342
<i>Wang, Jinfang; Tian, Jun; Wang, Zhengmao; Tian, Changbing; Shi, Chengfang; Gao, Jian</i>	

SESSION 37: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "STATIC AND DYNAMIC MODELING"

Modeling Gas Condensate Reservoir Productivity via Industrial Software Solutions in Consideration of Trapped Phases and Closed Pores	3355
<i>Mikhailov, N. N.; Voronich, I. V.; Shelepanov, S. S.</i>	

Development of Approach to Modelling Complex Structure Carbonate Reservoirs using Example of the Central Khoreyver Uplift Fields	3365
<i>Yudin, E. V.; Bagmanov, R. D.; Khairullin, M. M.; Solovyev, A. V.; Churanova, N. Y.; Chorniy, A. V.; Fursov, G. A.; Kurelenkov, S. H.</i>	
Special Features of Geological Modeling of Shelf Sediments by the Example of East-Urengoy and North-Esetinsk Fields	3385
<i>Natchuk, N.; Uraev, O.</i>	
Study of Vertical and Areal Heterogeneity of Gas Composition in a Gas Condensate Field using Numerical Simulation Model	3394
<i>Khamzin, Timur K.; Reitlat, Elena A.; Lomukhin, Alexander Y.</i>	

VOLUME 5

An Application of Proxy-Modeling Framework for Numerical PVT-Models Matching on Laboratory Measured Data	3404
<i>Tigran, Ambarian; Dmitriy, Olenchikov</i>	
A New Technology Based on Two-Phase Flow Models for Rapid Selection of Wells for Cyclic Waterflooding	3413
<i>Rodionov, S. P.; Pichugin, O. N.; Kosyakov, V. P.; Shirshov, Y. V.; Pyatkov, A. A.</i>	
An Application of Proxy-Modeling Framework for Numerical PVT-Models Matching on Laboratory Measured Data (Russian)	3433
<i>Tigran, Ambarian; Dmitriy, Olenchikov</i>	
Development of Approach to Modelling Complex Structure Carbonate Reservoirs using Example of the Central Khoreyver Uplift Fields (Russian)	3443
<i>Yudin, E. V.; Bagmanov, R. D.; Khairullin, M. M.; Solovyev, A. V.; Churanova, N. Y.; Chorniy, A. V.; Fursov, G. A.; Kurelenkov, S. H.</i>	
Modeling Gas Condensate Reservoir Productivity via Industrial Software Solutions in Consideration of Trapped Phases and Closed Pores (Russian)	3464
<i>Mikhailov, N. N.; Voronich, I. V.; Shelepanov, S. S.</i>	
A New Technology Based on Two-Phase Flow Models for Rapid Selection of Wells for Cyclic Waterflooding (Russian)	3475
<i>Rodionov, S. P.; Pichugin, O. N.; Kosyakov, V. P.; Shirshov, Y. V.; Pyatkov, A. A.</i>	
Special Features of Geological Modeling of Shelf Sediments by the Example of East-Urengoy and North-Esetinsk Fields (Russian)	3494
<i>Natchuk, N.; Uraev, O.</i>	
Study of Vertical and Areal Heterogeneity of Gas Composition in a Gas Condensate Field using Numerical Simulation Model (Russian)	3504
<i>Khamzin, Timur K.; Reitlat, Elena A.; Lomukhin, Alexander Y.</i>	

SESSION 38: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "WELL AND FORMATION TESTING. FORMULATION FLUIDS AND SAMPLING AND EVALUATION - 1

Borehole Acoustics as a Key to Perfect Hydraulic Fracturing in Achimov Formation	3515
<i>Metelkin, D. A.; Snokhin, A. A.; Tikhomirov, I. A.; Karpekin, E. A.; Ereemeev, A. A.; Korelskiy, E. P.; Kalinin, V.; Jocker, J.</i>	
Applications of Wireline Formation Testers for Through-Casing Reserves Classification	3527
<i>Blinov, V.; Weinheber, P.; Shelomikhina, I.; Kolomiets, A.; Sardarov, G.; Kreknin, S.; Pushnikov, K.; Safin, R.</i>	
Permeability Anisotropy in the Thinly-Bedded Pokurskaya Formation from Advanced Wireline Logs and Formation Testers	3535
<i>Zagrebelnyy, E. V.; Glushchenko, N. A.; Martynov, M. E.; Tsiklavov, A. M.; Blinov, V. A.; Weinheber, P.; Karpekin, Y. A.; Ezersky, D. M.; Bugakova, Y. S.</i>	
Adaptive System for Analysis and Interpretation of Combined Well Test Data	3552
<i>Sergeev, Viktor Leonidovich; Hoai Phuong, Nguyen Thac; Krainov, Aleksandr Igorevich; Gorlach, Aleksandr Yurevich</i>	
Adaptive System for Analysis and Interpretation of Combined Well Test Data (Russian)	3561
<i>Sergeev, Viktor Leonidovich; Hoai Phuong, Nguyen Thac; Krainov, Aleksandr Igorevich; Gorlach, Aleksandr Yurevich</i>	
Applications of Wireline Formation Testers for Through-Casing Reserves Classification (Russian)	3571
<i>Blinov, V.; Weinheber, P.; Shelomikhina, I.; Kolomiets, A.; Sardarov, G.; Kreknin, S.; Pushnikov, K.; Safin, R.</i>	
Borehole Acoustics as a Key to Perfect Hydraulic Fracturing in Achimov Formation (Russian)	3584
<i>Metelkin, D. A.; Snokhin, A. A.; Tikhomirov, I. A.; Karpekin, E. A.; Ereemeev, A. A.; Korelskiy, E. P.; Kalinin, V.; Jocker, J.</i>	
Permeability Anisotropy in the Thinly-Bedded Pokurskaya Formation from Advanced Wireline Logs and Formation Testers (Russian)	3598
<i>Zagrebelnyy, E. V.; Glushchenko, N. A.; Martynov, M. E.; Tsiklavov, A. M.; Blinov, V. A.; Weinheber, P.; Karpekin, Y. A.; Ezersky, D. M.; Bugakova, Y. S.</i>	

SESSION 39: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "WELL AND FORMATION TESTING. FORMATION FLUIDS SAMPLING AND EVALUATION - 2

Interpretation of Indicator Studies of Multistage Fracturing	3619
<i>Mazo, A. B.; Sattarov, R. I.; Khamidullin, M. R.; Potashev, K. A.; Trifonov, T. V.</i>	

Estimation of Reservoir Pressure from the Sensor Data Before and After Injection Tests in Low-Permeability Formations	3642
<i>Bobreneva, Yu. O.; Davletbaev, A. Y.; Makhota, N. A.; Kamalova, Z. K.</i>	
PI Evaluation by Well Tests in Case of Low Permeability Formations Exposed by Complex Geometry Fracs	3653
<i>Kremenetskiy, Mikhail; Kokurina, Valentina; Morozovskiy, Nikita; Grishina, Ekaterina</i>	
Estimation of Reservoir Pressure from the Sensor Data Before and After Injection Tests in Low-Permeability Formations (Russian)	3671
<i>Bobreneva, Yu. O.; Davletbaev, A. Y.; Makhota, N. A.; Kamalova, Z. K.</i>	
Interpretation of Indicator Studies of Multistage Fracturing (Russian)	3683
<i>Mazo, A. B.; Sattarov, R. I.; Khamidullin, M. R.; Potashev, K. A.; Trifonov, T. V.</i>	
PI Evaluation by Well Tests in Case of Low Permeability Formations Exposed by Complex Geometry Fracs (Russian)	3709
<i>Kremenetskiy, Mikhail; Kokurina, Valentina; Morozovskiy, Nikita; Grishina, Ekaterina</i>	

SESSION 44: ROUND TABLE: LOCALIZATION: A WINDOW OF OPPORTUNITY FOR RUSSIAN OIL AND GAS EQUIPMENT

The Role of Import Replacement in the Development of the Russian Oil and Gas Machine Engineering	3728
<i>Zhdaneev, O.</i>	
The Role of Import Replacement in the Development of the Russian Oil and Gas Machine Engineering (Russian)	3738
<i>Zhdaneev, O.</i>	

SESSION 45: PLENARY SESSION ON GIANT PROJECTS

A Case Study of the Verkhnechonskoye Field: Theory and Practice of Eastern Siberia Complex Reservoirs Development	3749
<i>Chirgun, A.; Levanov, A.; Gordeev, Y.; Lazeev, A.; Timchuk, A.</i>	
A Case Study of the Verkhnechonskoye Field: Theory and Practice of Eastern Siberia Complex Reservoirs Development (Russian)	3787
<i>Chirgun, A.; Levanov, A.; Gordeev, Y.; Lazeev, A.; Timchuk, A.</i>	

SESSION 15: WELL CONSTRUCTION – DRILLING AND COMPLETION - 3

New Technologies for Effective Recycling of Oil Based Mud. Experience of Prirazlomnoye Field	3829
<i>Dobrokhleb, P.; Kozzyrev, A.; Mishin, A.; Voitenko, D.; Kireev, V.; Krepostnov, D.</i>	
Application and Optimization of Drill-In Fluids for Achimov Horizontal Wells in West Siberia	3836
<i>Kiselev, Pavel; Kretsul, Vyacheslav; Dobrokhleb, Pavel; Dementyev, Alexander</i>	
Successful Zonal Isolation of Horizontal Liner with Cement Designed for Mechanical Loads during Multiple Hydraulic Fracturing Treatments in Western Siberia	3857
<i>Sergeev, Sergey; Jekic, Zelimir; Arkhipov, Alexey; Ivanov, Boris</i>	
Optimum Practices to Mitigate Gas Migration Problems in Deep Gas Wells	3866
<i>Al-Yami, Abdullah; Mukherjee, Tushar S.; Riskiawan, Arris; Wagle, Vikrant</i>	
Best Practices in Managing Lost Circulation Events in Shuaiba Formation, South Rumaila Field, Iraq in Terms Preventive Measures, Corrective Methods, and Economic Evaluation Analysis	3887
<i>Al-Hameedi, Abo Taleb T.; Dunn-Norman, Shari; Alkinani, Husam H.; Flori, Ralph E.; Hilgedick, Steven A.; Torgashov, Evgeniy V.</i>	
Integrated Casing Surface Casing String Cementing Procedure under the Conditions of High-Intensity Process Liquid Absorption in the Eastern Siberia Oilfield	3903
<i>Bykov, V. V.; Paleev, S. A.; Zakharenkov, A. V.; Samoylovich, A. V.; Medvedev, Y. V.; Kolesnikov, S. G.</i>	
Application and Optimization of Drill-In Fluids for Achimov Horizontal Wells in West Siberia (Russian)	3912
<i>Kiselev, Pavel; Kretsul, Vyacheslav; Dobrokhleb, Pavel; Dementyev, Alexander</i>	
Best Practices in Managing Lost Circulation Events in Shuaiba Formation, South Rumaila Field, Iraq in Terms Preventive Measures, Corrective Methods, and Economic Evaluation Analysis (Russian)	3938
<i>Al-Hameedi, Abo Taleb T.; Dunn-Norman, Shari; Alkinani, Husam H.; Flori, Ralph E.; Hilgedick, Steven A.; Torgashov, Evgeniy V.</i>	
Integrated Casing Surface Casing String Cementing Procedure under the Conditions of High-Intensity Process Liquid Absorption in the Eastern Siberia Oilfield (Russian)	3957
<i>Bykov, V. V.; Paleev, S. A.; Zakharenkov, A. V.; Samoylovich, A. V.; Medvedev, Y. V.; Kolesnikov, S. G.</i>	
New Technologies for Effective Recycling of Oil Based Mud. Experience of Prirazlomnoye Field (Russian)	3966
<i>Dobrokhleb, P.; Kozzyrev, A.; Mishin, A.; Voitenko, D.; Kireev, V.; Krepostnov, D.</i>	
Optimum Practices to Mitigate Gas Migration Problems in Deep Gas Wells (Russian)	3975
<i>Al-Yami, Abdullah; Mukherjee, Tushar S.; Riskiawan, Arris; Wagle, Vikrant</i>	
Successful Zonal Isolation of Horizontal Liner with Cement Designed for Mechanical Loads during Multiple Hydraulic Fracturing Treatments in Western Siberia (Russian)	3995
<i>Sergeev, Sergey; Jekic, Zelimir; Arkhipov, Alexey; Ivanov, Boris</i>	

SESSION 16: GAS, GAS CONDESATE AND OIL GAS CONDESATE FIELD DEVELOPMENT - 1

OGIP Evaluation by using Specific Drainage Volumes Method: Theory and Case Study	4004
<i>Kolbikov, Sergey; Klimov, Mikhail; Ramazanov, Rinat</i>	
Frac Size Matters: The Experience of Achimov Deposits Development in Urengoyskoe Gas Condensate Field	4018
<i>Alexey, Yudin; Dmitry, Kubyshkin; Konstantin, Lyapunov; Yuriy, Zakharzhevskiy; Alexey, Snokhin; Sergey, Romashkin; Alexey, Prokhorov</i>	
Brownfield Development Optimization under Uncertainty – A Structured Workflow Design for Complex Case Scenarios	4030
<i>Schulze-Riegert, Ralf; Magdeyev, Igor; Komin, Maxim; Chernyak, Vyacheslav</i>	
Influence of Permeability Distribution on Gas Recovery from Massive Reservoir with Bottom Water	4048
<i>Indrupskiy, I. M.; Arkhipov, Yu. A.; Anikeyev, D. P.; Zakirov, E. S.; Mamedov, E. A.; Zakirov, S. N.; Mikhaylov, V. N.; Volkov, Yu. A.; Tsagan-Mandzhiyev, T. N.; Klimov, D. S.; Varyagova, E. P.</i>	
Assessment of Drained Gas Reserves in the Process of Gas and Gas Condensate Field Operation in Water Drive	4073
<i>Glumov, Dmitry N.; Sokolov, Sergey V.; Strekalov, Alexander V.</i>	
Assessment of Drained Gas Reserves in the Process of Gas and Gas Condensate Field Operation in Water Drive (Russian)	4083
<i>Glumov, Dmitry N.; Sokolov, Sergey V.; Strekalov, Alexander V.</i>	
Brownfield Development Optimization under Uncertainty – A Structured Workflow Design for Complex Case Scenarios (Russian)	4094
<i>Schulze-Riegert, Ralf; Magdeyev, Igor; Komin, Maxim; Chernyak, Vyacheslav</i>	
Frac Size Matters: The Experience of Achimov Deposits Development in Urengoyskoe Gas Condensate Field (Russian)	4117
<i>Alexey, Yudin; Dmitry, Kubyshkin; Konstantin, Lyapunov; Yuriy, Zakharzhevskiy; Alexey, Snokhin; Sergey, Romashkin; Alexey, Prokhorov</i>	
Influence of Permeability Distribution on Gas Recovery from Massive Reservoir with Bottom Water (Russian)	4130
<i>Indrupskiy, I. M.; Arkhipov, Yu. A.; Anikeyev, D. P.; Zakirov, E. S.; Mamedov, E. A.; Zakirov, S. N.; Mikhaylov, V. N.; Volkov, Yu. A.; Tsagan-Mandzhiyev, T. N.; Klimov, D. S.; Varyagova, E. P.</i>	
OGIP Evaluation by using Specific Drainage Volumes Method: Theory and Case Study (Russian)	4155
<i>Kolbikov, Sergey; Klimov, Mikhail; Ramazanov, Rinat</i>	

SESSION 17: WELL AND FORMATION TESTING. FORMATION FLUIDS SAMPLING AND EVALUATION - 2

New Possibilities of Well Testing and Production Logging in Horizontal Wells with Non-Uniform Inflow Profile	4172
<i>Kremenetsky, M. I.; Melnikov, S. I.; Ipatov, A. I.; Kolesnikova, A. A.; Shorohov, A. A.; Buyanov, A. V.; Musaleev, K. Z.</i>	
Multiphase Gas-Condensate Metering Tests with Individual Fluid Properties Model	4192
<i>Davidovskiy, A. O.; Abramochkin, S. A.; Lopatina, N. G.</i>	
Improving Quality and Efficiency in Exploration Well Testing on Perspective Fields of Uvat Project	4213
<i>Kulyatin, Oleg; Sosnovskikh, Andrey</i>	
Development of Automatic System for Decline Analysis	4219
<i>Kotezhkov, V.; Margarit, A.; Pustovskih, A.; Sitnikov, A.</i>	
Isokinetic Sampling of Multiphase Flow of Formation Fluids in Near-Critical Region	4231
<i>Muraviev, Alexander</i>	
Development of Automatic System for Decline Analysis (Russian)	4244
<i>Kotezhkov, V.; Margarit, A.; Pustovskih, A.; Sitnikov, A.</i>	

VOLUME 6

Geochemical Tools to Correlate Light Petroleum and Evaluate Thermal Maturity: A Case Study of Precambrian Condensates from East Siberia, Russia (Russian)	4256
<i>Chakhmakhchev, Alexander; Shiganova, Olga; Andrus, Vlad</i>	
Improving Quality and Efficiency in Exploration Well Testing on Perspective Fields of Uvat Project (Russian)	4273
<i>Kulyatin, Oleg; Sosnovskikh, Andrey</i>	
Isokinetic Sampling of Multiphase Flow of Formation Fluids in Near-Critical Region (Russian)	4280
<i>Muraviev, Alexander</i>	
Multiphase Gas-Condensate Metering Tests with Individual Fluid Properties Model (Russian)	4295
<i>Davidovskiy, A. O.; Abramochkin, S. A.; Lopatina, N. G.</i>	
New Possibilities of Well Testing and Production Logging in Horizontal Wells with Non-Uniform Inflow Profile (Russian)	4316
<i>Kremenetsky, M. I.; Melnikov, S. I.; Ipatov, A. I.; Kolesnikova, A. A.; Shorohov, A. A.; Buyanov, A. V.; Musaleev, K. Z.</i>	

SESSION 18: WELL LOGGING

New Approach to Offshore Field Development in Russia: Ultra Deep LWD Measurements for Accurate 3D Reservoir Model Update	4339
<i>Shtun, S. Yu.; Golenkin, M. Yu.; Shtun, A. S.; Shabalinskaya, D. D.; Cheprasov, A. V.; Kuzakov, V. R.; Brichikova, M. P.; Zolotoi, N. V.</i>	

New Production Logging Tool for Inflow Profiling of Low-Rate Oil and Water Horizontal Wells: Case Studies of Field Testing an Experimental Prototype	4353
<i>Miklashchevskiy, D.; Shako, V.; Borodin, I.; Mukhin, V.; Skochelyas, R.; Shalamov, V.; Valiullin, R.; Iarullin, R.</i>	
Innovative Technologies and Approaches to Interpreting Logging Data in Horizontal Wells	4370
<i>Shchetinina, N. V.; Malshakov, A. V.; Basyrov, M. A.; Zyryanova, I. A.; Ganichev, D. I.; Yatsenko, V. M.</i>	
Electromagnetic Tool for High-Resolution Logging: Theoretical and Experimental Studies	4383
<i>Epov, M. I.; Glinskikh, V. N.; Eremin, V. N.; Nikitenko, M. N.; Petrov, A. N.; Mikhaylov, I. V.</i>	
Formation Evaluation for Thin Bed Shaly Sand Reservoirs	4401
<i>Kolomytsev, Alexander; Kalistratov, Alexey</i>	
A Quantitative Assessment Method of the Productive Formation Wettability Indicator According to the Data of Geophysical Surveys	4408
<i>Akhmetov, R.; Mukhametshin, V.; Andreev, A.</i>	
Electromagnetic Tool for High-Resolution Logging: Theoretical and Experimental Studies (Russian)	4419
<i>Epov, M. I.; Glinskikh, V. N.; Eremin, V. N.; Nikitenko, M. N.; Petrov, A. N.; Mikhaylov, I. V.</i>	
Formation Evaluation for Thin Bed Shaly Sand Reservoirs (Russian)	4439
<i>Kolomytsev, Alexander; Kalistratov, Alexey</i>	
Innovative Technologies and Approaches to Interpreting Logging Data in Horizontal Wells (Russian)	4447
<i>Shchetinina, N. V.; Malshakov, A. V.; Basyrov, M. A.; Zyryanova, I. A.; Ganichev, D. I.; Yatsenko, V. M.</i>	
New Approach to Offshore Field Development in Russia: Ultra Deep LWD Measurements for Accurate 3D Reservoir Model Update (Russian)	4470
<i>Shtun, S. Yu.; Golenkin, M. Yu.; Shtun, A. S.; Shabalinskaya, D. D.; Cheprasov, A. V.; Kuzakov, V. R.; Brichikova, M. P.; Zolotoi, N. V.</i>	
New Production Logging Tool for Inflow Profiling of Low-Rate Oil and Water Horizontal Wells: Case Studies of Field Testing an Experimental Prototype (Russian)	4486
<i>Miklashchevskiy, D.; Shako, V.; Borodin, I.; Mukhin, V.; Skochelyas, R.; Shalamov, V.; Valiullin, R.; Iarullin, R.</i>	
A Quantitative Assessment Method of the Productive Formation Wettability Indicator According to the Data of Geophysical Surveys (Russian)	4505
<i>Akhmetov, R.; Mukhametshin, V.; Andreev, A.</i>	

SESSION 19: STIMULATION AND MULTISTAGE HYDRAULIC FRACTURING

Experience in Stimulating Multilateral Horizontal Wells using a Multilateral Reentry System and a Dispersion of Acid and Solvent and a Viscoelastic Diverting Acid	4517
<i>Galiev, T.; Zelentsov, A.; Golitsina, E.; Khabibullin, R.; Nifontov, N.; Nurullin, A. M.; Gaynetdinov, R. F.; Burdin, K.; Starodubtseva, K.; Gromovenko, A.; Nuriakhmetov, R.; Kovalevsky, A.; Lisitsyn, A.</i>	
Coiled Tubing Boosts Efficiency of Multistage Hydraulic Fracturing Technique in Novoportovskoe Field	4526
<i>Belov, A. V.; Shestakov, S. A.; Trifonov, A. V.; Korepanov, A. A.; Simakov, S. M.; Garenskikh, D. A.; Tishkevich, S. V.; Kichigin, A. S.; Burdin, K. V.; Vdovyyak, V. V.; Murzakhmetov, R. A.</i>	
Multistage Fracturing at Top Gear	4536
<i>Demkovich, M.; Ablae, A.; Vereschagin, S.; Nizamova, N.; Gromovenko, A.; Burdin, K.; Novikov, M.; Starodubtseva, K.; Karpov, V.; Parshin, N.; Ryazanov, A.; Moiseenko, A.; Ayupov, R.</i>	
Opportunity in Adversity: A Paradigm Shift in Chemical Stimulation	4549
<i>Rylance, M.; Hoq, A.</i>	
First in Russia Large-Scale Implementation of the Channel Fracturing Technology in Horizontal Wells	4565
<i>Yudin, Alexey; Sypchenko, Stella; Gromovenko, Alexander; Romanovskiy, Rostislav; Chebykin, Nikolay; Serdyuk, Andrey; Bukharov, Dinar; Faizullin, Ildar; Churakov, Artem</i>	
New Opportunities for Brownfields: Channel Fracturing Offers a Significant Increase of Well Productivity in Complex Geological Conditions in the Samara Region	4577
<i>Letichevskiy, Alexander; Nikitin, Alexey; Parfenov, Alexey; Makarenko, Vitaliy; Lavrov, Ilya; Rukan, Gleb; Yudin, Alexey; Ovsyannikov, Dmitry; Nuriakhmetov, Ruslan; Gromovenko, Alexander</i>	
Coiled Tubing Boosts Efficiency of Multistage Hydraulic Fracturing Technique in Novoportovskoe Field (Russian)	4589
<i>Belov, A. V.; Shestakov, S. A.; Trifonov, A. V.; Korepanov, A. A.; Simakov, S. M.; Garenskikh, D. A.; Tishkevich, S. V.; Kichigin, A. S.; Burdin, K. V.; Vdovyyak, V. V.; Murzakhmetov, R. A.</i>	
Experience in Stimulating Multilateral Horizontal Wells using a Multilateral Reentry System and a Dispersion of Acid and Solvent and a Viscoelastic Diverting Acid (Russian)	4600
<i>Galiev, T.; Zelentsov, A.; Golitsina, E.; Khabibullin, R.; Nifontov, N.; Nurullin, A. M.; Gaynetdinov, R. F.; Burdin, K.; Starodubtseva, K.; Gromovenko, A.; Nuriakhmetov, R.; Kovalevsky, A.; Lisitsyn, A.</i>	
First in Russia Large-Scale Implementation of the Channel Fracturing Technology in Horizontal Wells (Russian)	4608
<i>Yudin, Alexey; Sypchenko, Stella; Gromovenko, Alexander; Romanovskiy, Rostislav; Chebykin, Nikolay; Serdyuk, Andrey; Bukharov, Dinar; Faizullin, Ildar; Churakov, Artem</i>	
Multistage Fracturing at Top Gear (Russian)	4617
<i>Demkovich, M.; Ablae, A.; Vereschagin, S.; Nizamova, N.; Gromovenko, A.; Burdin, K.; Novikov, M.; Starodubtseva, K.; Karpov, V.; Parshin, N.; Ryazanov, A.; Moiseenko, A.; Ayupov, R.; Aleroev, A.</i>	
New Opportunities for Brownfields: Channel Fracturing Offers a Significant Increase of Well Productivity in Complex Geological Conditions in the Samara Region (Russian)	4630
<i>Letichevskiy, Alexander; Nikitin, Alexey; Parfenov, Alexey; Makarenko, Vitaliy; Lavrov, Ilya; Rukan, Gleb; Yudin, Alexey; Ovsyannikov, Dmitry; Nuriakhmetov, Ruslan; Gromovenko, Alexander</i>	
Opportunity in Adversity: A Paradigm Shift in Chemical Stimulation (Russian)	4642
<i>Rylance, M.; Hoq, A.</i>	

SESSION 20: GAS, GAS CONDENSATE AND OIL GAS CONDENSATE FIELD DEVELOPMENT - 2

Integrated Approach to Determination of Optimal Capacity and Configuration of Booster Compressor Station at Different Realization Stages	4659
<i>Poushev, A. V.; Nerodenko, D. G.; Kudrin, P. A.; Yazkov, A. V.</i>	
Accounting of Stationary Liquid Unloading Criteria in Simulation Model for Downhole Equipment and Regime Optimization and Prolongation of Gas Wells Operation	4675
<i>Maksimovskiy, I. V.; Minikaev, F. M.; Mangushev, R. R.; Mingazov, A. A.</i>	
Study of the Efficiency of Methods for Enhanced Condensate Recovery, Based on Reservoir Simulation Models	4691
<i>Makarov, E. S.; Yushkov, A. Y.; Romanov, A. S.</i>	
Specifics of Development, Infrastructure Construction and Production of Oil-Gas-Condensate Fields. Integrated Model Application Experience	4705
<i>Konstantin, Povyishev; Sergey, Vershinin; Olga, Vernikovskaya</i>	
EOE Miscible Gas Project in Oil-Gas Condensate Field	4714
<i>Glavnov, Nikolay; Kuntsevich, Vitaly; Vershinina, Maïia; Penigin, Artem; Badgutidinov, Ruslan; Perevozkin, Igor; Bazhenov, Dmitrii; Shorokhov, Aleksey; Garipov, Inar; Ushmaev, Oleg</i>	
Reconstruction of the Initial State of a Gas-Condensate System Based on a Limited Set of Field Data; A Case Study of One of the Fields in South Caspian Basin	4727
<i>Dmitry, Olenchikov; Alexander, Semenov</i>	
Accounting of Stationary Liquid Unloading Criteria in Simulation Model for Downhole Equipment and Regime Optimization and Prolongation of Gas Wells Operation (Russian)	4738
<i>Maksimovskiy, I. V.; Minikaev, F. M.; Mangushev, R. R.; Mingazov, A. A.</i>	
EOE Miscible Gas Project in Oil-Gas Condensate Field (Russian)	4754
<i>Glavnov, Nikolay; Kuntsevich, Vitaly; Vershinina, Maïia; Penigin, Artem; Badgutidinov, Ruslan; Perevozkin, Igor; Bazhenov, Dmitrii; Shorokhov, Aleksey; Garipov, Inar; Ushmaev, Oleg</i>	
Integrated Approach to Determination of Optimal Capacity and Configuration of Booster Compressor Station at Different Realization Stages (Russian)	4767
<i>Poushev, A. V.; Nerodenko, D. G.; Kudrin, P. A.; Yazkov, A. V.</i>	
Reconstruction of the Initial State of a Gas-Condensate System Based on a Limited Set of Field Data; A Case Study of One of the Fields in South Caspian Basin (Russian)	4784
<i>Dmitry, Olenchikov; Alexander, Semenov</i>	
Specifics of Development, Infrastructure Construction and Production of Oil-Gas-Condensate Fields. Integrated Model Application Experience (Russian)	4795
<i>Konstantin, Povyishev; Sergey, Vershinin; Olga, Vernikovskaya</i>	

SESSION 21: BROWNFIELDS

Operative Localization Technique of Current Mobile Oil Reserves for Mature Reservoirs Based on Material Balance	4806
<i>Aleev, A.; Syrtlanov, V.; Kovalyova, Ye.</i>	
West Salym ASP Pilot: Surveillance Results and Operational Challenges	4820
<i>Volokitin, Y.; Shuster, M.; Karpan, V.; Mikhaylenko, E.; Koltsov, I.; Rakitin, A.; Tkachev, I.; Salym, M. Podberezchny</i>	
EOE by Smart Water Flooding in Sandstone Reservoirs - Effect of Sandstone Mineralogy on Initial Wetting and Oil Recovery	4832
<i>Mamonov, Aleksandr; Puntervold, Tina; Strand, Skule</i>	
Effective Use of Data-Driven Methods in Brown Fields	4851
<i>Temizel, Cenk; Putra, Dike; Anggraini, Henny; Moreno, Raul; Drozdov, Oleg; Skiba, Andrey</i>	
Application of CRM for Production and Remaining Oil Reserves Reservoir Allocation In Mature West Siberian Waterflood Field	4878
<i>Gladkov, A.; Sakhibgareev, R.; Salimov, D.; Skiba, A.; Drozdov, O.</i>	
Perspective Technologies of Reservoir Stimulation, Developed in RUE Production Association Belorusneft	4888
<i>Lymar, I.; Serebrennikov, A.</i>	
Application of CRM for Production and Remaining Oil Reserves Reservoir Allocation In Mature West Siberian Waterflood Field (Russian)	4903
<i>Gladkov, A.; Sakhibgareev, R.; Salimov, D.; Skiba, A.; Drozdov, O.</i>	
Effective Use of Data-Driven Methods in Brown Fields (Russian)	4915
<i>Temizel, Cenk; Putra, Dike; Anggraini, Henny; Moreno, Raul; Drozdov, Oleg; Skiba, Andrey</i>	
EOE by Smart Water Flooding in Sandstone Reservoirs - Effect of Sandstone Mineralogy on Initial Wetting and Oil Recovery (Russian)	4950
<i>Mamonov, Aleksandr; Puntervold, Tina; Strand, Skule</i>	
Operative Localization Technique of Current Mobile Oil Reserves for Mature Reservoirs Based on Material Balance (Russian)	4971
<i>Aleev, A.; Syrtlanov, V.; Kovalyova, Ye.</i>	
Perspective Technologies of Reservoir Stimulation, Developed in RUE Production Association Belorusneft (Russian)	4986
<i>Lymar, I.; Serebrennikov, A.</i>	
West Salym ASP Pilot: Surveillance Results and Operational Challenges (Russian)	5005
<i>Volokitin, Y.; Shuster, M.; Karpan, V.; Mikhaylenko, E.; Koltsov, I.; Rakitin, A.; Tkachev, I.; Salym, M. Podberezchny</i>	

SESSION 22: FIELD GEOLOGY AND GEOPHYSICS

Unique Technologies for Seismic Data Interpretation: Sedimentation and Paleotectonic Analysis, Pseudo 3D	5017
<i>Avdeev, P.; Efremov, I.; Gogonenkov, G.; Elmanovich, S.; Plakhov, A.</i>	
Spectral Inversion Methods and its Application for Wave Field Analysis	5031
<i>Butorin, A. V.; Krasnov, F. V.</i>	
Impact of Pore Structure on Reservoir Quality of Carbonates	5043
<i>Yalalova, V.; Zhukov, A.; Volnov, I.; Khakimov, A.; Ermilov, A.; Djumaev, V.; Abdullaev, G.</i>	
Estimation of Abilities of Surface Microseismic Monitoring During Hydraulic Fracturing	5062
<i>Dyagilev, R. A.; Shumilov, A. V.</i>	
Numerical Modeling of Microseismic Events on the Surface	5070
<i>Butorin, A. V.; Krasnov, F. V.</i>	
Uncertainty Estimation Methodology of Structure Model from Seismic Data in Appraisal Exploration. Case Study, the Field in the Azerbaijan Sector of the Caspian Sea	5081
<i>Dyakonova, Y.; Machukaev, D.; Sultanov, A.</i>	
Estimation of Abilities of Surface Microseismic Monitoring during Hydraulic Fracturing (Russian)	5099
<i>Dyagilev, R. A.; Shumilov, A. V.</i>	

VOLUME 7

Impact of Pore Structure on Reservoir Quality of Carbonates (Russian)	5109
<i>Yalalova, V.; Zhukov, A.; Volnov, I.; Khakimov, A.; Ermilov, A.; Djumaev, V.; Abdullaev, G.</i>	
Numerical Modeling of Microseismic Events on the Surface (Russian)	5128
<i>Butorin, A. V.; Krasnov, F. V.</i>	
Spectral Inversion Methods and its Application for Wave Field Analysis (Russian)	5140
<i>Butorin, A. V.; Krasnov, F. V.</i>	
Uncertainty Estimation Methodology of Structure Model from Seismic Data in Appraisal Exploration. Case Study, the Field in the Azerbaijan Sector of the Caspian Sea (Russian)	5152
<i>Dyakonova, Y.; Machukaev, D.; Sultanov, A.</i>	
Unique Technologies for Seismic Data Interpretation: Sedimentation and Paleotectonic Analysis, Pseudo 3D (Russian)	5173
<i>Avdeev, P.; Efremov, I.; Gogonenkov, G.; Elmanovich, S.; Plakhov, A.</i>	

SESSION 30: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "BROWNFIELDS"

Design of WAG Parameters	5193
<i>Valeev, A.; Shevelev, A.</i>	
Foam Acid Treatment - The Key to Stimulation of Carbonate Reservoirs in Depleted Oil Fields of the Samara Region	5201
<i>Letichevskiy, Alexander; Nikitin, Alexey; Parfenov, Alexey; Makarenko, Vitaliy; Lavrov, Ilya; Rukan, Gleb; Ovsyannikov, Dmitry; Nuriakhmetov, Ruslan; Gromovenko, Alexander</i>	
An Innovative EOR Method for Waterflooding Heterogeneous Oilfield ---- Graded Diversion-Flooding Technology and Verification by Field Comparison Tests	5213
<i>Wu, Xingcai; Wu, Hongbiao; Bu, Zhongyu; Bai, Lei; Zhang, Song; Yu, Zhentao; Xu, Hanbing; Zeng, Qingqiao; Jiang, Yuzhu</i>	
Reservoir Surveillance Informative Value on Brown Field	5228
<i>Bogatyreva, I.; Metelkina, N.; Mustafin, R.</i>	
Mechanism Study on Foam Flooding for Daqing Reservoirs After Polymer Flooding	5243
<i>Qingfeng, Hou; Donghong, Guo; Youyi, Zhu; Jian, Ouyang; Zhe, Wang</i>	
Design of WAG Parameters (Russian)	5253
<i>Valeev, A.; Shevelev, A.</i>	
Foam Acid Treatment - The Key to Stimulation of Carbonate Reservoirs in Depleted Oil Fields of the Samara Region (Russian)	5264
<i>Letichevskiy, Alexander; Nikitin, Alexey; Parfenov, Alexey; Makarenko, Vitaliy; Lavrov, Ilya; Rukan, Gleb; Ovsyannikov, Dmitry; Nuriakhmetov, Ruslan; Gromovenko, Alexander</i>	
An Innovative EOR Method for Waterflooding Heterogeneous Oilfield ---- Graded Diversion-Flooding Technology and Verification by Field Comparison Tests (Russian)	5277
<i>Wu, Xingcai; Wu, Hongbiao; Bu, Zhongyu; Bai, Lei; Zhang, Song; Yu, Zhentao; Xu, Hanbing; Zeng, Qingqiao; Jiang, Yuzhu</i>	
Mechanism Study on Foam Flooding for Daqing Reservoirs After Polymer Flooding (Russian)	5291
<i>Qingfeng, Hou; Donghong, Guo; Youyi, Zhu; Jian, Ouyang; Zhe, Wang</i>	
Reservoir Surveillance Informative Value on Brown Field (Russian)	5305
<i>Bogatyreva, I.; Metelkina, N.; Mustafin, R.</i>	

SESSION 31: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "BROWNFIELDS/CORE ANALYSIS"

High-Pressure Air Injection Laboratory and Numerical Modelling in Bazhenov Source Rocks	5317
<i>Bondarenko, T.; Khakimova, L.; Cheremisin, A.; Spasennykh, M.</i>	
Additional Appraisal Program Optimisation with the Value of Information Approach	5332
<i>Asmandiyarov, R. N.; Onegov, A. V.; Nigmatov, S. A.; Vashevnik, A. M.; Goncharov, A. S.; Mityaev, M. Y.; Sizykh, A. V.; Fedorov, E. G.</i>	

New Features of the Experiment to Determine Lateral Anisotropy Filtration and Capacity Properties	5344
<i>Kadet, Valeriy Vladimirovich; Kravchenko, Marina Nikolaevna; Pavlovich, Tsybul'skiy Sergey; Bogdanov, Andrey Vladimirovich</i>	
Additional Appraisal Program Optimisation with the Value of Information Approach (Russian)	5355
<i>Asmandiyarov, R. N.; Onegov, A. V.; Nigamatov, S. A.; Vashevnik, A. M.; Goncharov, A. S.; Mityaev, M. Y.; Sizykh, A. V.; Fedorov, E. G.</i>	
High-Pressure Air Injection Laboratory and Numerical Modelling in Bazhenov Source Rocks (Russian)	5369
<i>Bondarenko, T.; Khakimova, L.; Cheremisin, A.; Spasennykh, M.</i>	
New Features of the Experiment to Determine Lateral Anisotropy Filtration and Capacity Properties (Russian)	5387
<i>Kadet, Valeriy Vladimirovich; Kravchenko, Marina Nikolaevna; Pavlovich, Tsybul'skiy Sergey; Bogdanov, Andrey Vladimirovich</i>	

SESSION 33: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "GAS, GAS CONDENSATE AND OIL GAS CONDENSATE FIELD DEVELOPMENT"

System Approach to Justification of Gas Wells Pattern Arrangement under High Geological Uncertainty Conditions	5400
<i>Yazkov, A. V.; Kadochnikova, L. M.; Ramazanov, R. R.; Martynov, I. V.</i>	
Methods to Improve the Efficiency of Development of a Multi-Layer Offshore Gas Condensate Field: Thien Ung Case Study	5407
<i>Lubnin, Aleksandr; Yudin, Evgeniy; Sansiev, Georgiy; Karimov, Talgat; Bondarenko, Viacheslav</i>	
An Additional Method for Gas Fields Development Control	5417
<i>Chepkasova, E.; Silov, V.</i>	
Comprehensive Selection of Reagents and Technologies for Shut Off in Gas Producers	5426
<i>Dubinsky, G.; Andreev, V.; Fedorov, K.</i>	
Perspective View on Gas Well Stimulations in Case of Complex Carbonate Reservoir	5440
<i>Zhukov, A.; Volnov, I.; Ermilov, A.; Sidikhodzhaev, R.</i>	
Impact of Drain Length on Well Performance in Karachaganak Field	5458
<i>Naurzgaliev, Timur; Mutaliev, Galymzhan</i>	
An Additional Method for Gas Fields Development Control (Russian)	5471
<i>Chepkasova, E.; Silov, V.</i>	
Comprehensive Selection of Reagents and Technologies for Shut Off in Gas Producers (Russian)	5480
<i>Dubinsky, G.; Andreev, V.; Fedorov, K.</i>	
Impact of Drain Length on Well Performance in Karachaganak Field (Russian)	5495
<i>Naurzgaliev, Timur; Mutaliev, Galymzhan</i>	
Methods to Improve the Efficiency of Development of a Multi-Layer Offshore Gas Condensate Field: Thien Ung Case Study (Russian)	5512
<i>Lubnin, Aleksandr; Yudin, Evgeniy; Sansiev, Georgiy; Karimov, Talgat; Bondarenko, Viacheslav</i>	
Perspective View on Gas Well Stimulations in Case of Complex Carbonate Reservoir (Russian)	5523
<i>Zhukov, A.; Volnov, I.; Ermilov, A.; Sidikhodzhaev, R.</i>	
System Approach to Justification of Gas Wells Pattern Arrangement under High Geological Uncertainty Conditions (Russian)	5540
<i>Yazkov, A. V.; Kadochnikova, L. M.; Ramazanov, R. R.; Martynov, I. V.</i>	

SESSION 41: KNOWLEDGE SHARING EPOSTER PRESENTATIONS "WELL LOGGING/FIELD GEOLOGY AND GEOPHYSICS"

Improving the Reliability of Quantitative Interpretation of the Nuclear Magnetic Logging Data to Evaluate the Secondary Porosity in Reservoirs Associated with the Ovinparmian and Grebenian Horizons in the Trebs Field	5548
<i>Shumatbaev, K. D.; Privalova, O. R.; Gainullina, E. K.; Korost, D. V.; Belokhin, V. S.; Kuchurina, O. E.</i>	
Identification of Inflow Zones in Low-Rate Horizontal Wells by Spectral Noise Logging	5561
<i>Aslanyan, I. Y.; Minakhmetova, R. N.; Pimatye, V. G.; Kozlov, A. A.; Kuznetsova, A. G.</i>	
Determination of Oil/Water Contact While Drilling by Interpreting Data from the Azimuthal Deep Resistivity Tool under Conditions of Uncertainty Associated with the Measurements of Inclination	5573
<i>Zaboev, Konstantin; Ruzayev, Rinat; Mikhailov, Alexander; Grechiho, Pavel</i>	
Novel Approach for Evaluation of Petrophysical Parameters from Time-Lapse Induction Logging-While-Drilling Measurements in Deviated and Horizontal Wells	5585
<i>Podberezhy, Maxim; Polushkin, Sergey; Makarov, Alexander</i>	
Predicting Reservoir Properties of Carbonate Rocks on the Basis of their Sedimentation Heterogeneity and Secondary Transformations	5600
<i>Andrey, Dushin; Gulnara, Gaymaletdinova; Aleksandr, Melnikov</i>	
The Prediction and Application of Sandstone Reservoirs with Coal-Bearing Zone in South Turgay Basin, Kazakhstan	5625
<i>Xiaofeng, Sheng; Yaping, Lin; Mingjun, Zhang; Linghong, Kong</i>	
Determination of Oil/Water Contact While Drilling by Interpreting Data from the Azimuthal Deep Resistivity Tool under Conditions of Uncertainty Associated with the Measurements of Inclination (Russian)	5640
<i>Zaboev, Konstantin; Ruzayev, Rinat; Mikhailov, Alexander; Grechiho, Pavel</i>	
Identification of Inflow Zones in Low-Rate Horizontal Wells by Spectral Noise Logging (Russian)	5651
<i>Aslanyan, I. Y.; Minakhmetova, R. N.; Pimatye, V. G.; Kozlov, A. A.; Kuznetsova, A. G.</i>	
Improving the Reliability of Quantitative Interpretation of the Nuclear Magnetic Logging Data to Evaluate the Secondary Porosity in Reservoirs Associated with the Ovinparmian and Grebenian Horizons (Russian)	5664
<i>Shumatbaev, K. D.; Privalova, O. R.; Gainullina, E. K.; Korost, D. V.; Belokhin, V. S.; Kuchurina, O. E.</i>	

Novel Approach for Evaluation of Petrophysical Parameters from Time-Lapse Induction Logging-While-Drilling Measurements in Deviated and Horizontal Wells (Russian)	5679
<i>Podberезhny, Maxim; Polushkin, Sergey; Makarov, Alexander</i>	
Predicting Reservoir Properties of Carbonate Rocks on the Basis of their Sedimentation Heterogeneity and Secondary Transformations (Russian)	5692
<i>Andrey, Dushin; Gulnara, Gaymaletdinova; Aleksandr, Melnikov</i>	
The Prediction and Application of Sandstone Reservoirs with Coal-Bearing Zone in South Turgay Basin, Kazakhstan (Russian)	5725
<i>Xiaofeng, Sheng; Yaping, Lin; Mingjun, Zhang; Linghong, Kong</i>	

SESSION 42: YOUNG PROFESSIONALS SESSION 1

Tailoring of the Fracturing Technologies to Challenging Geological Conditions of Jurassic Formation of Yamal Peninsula	5742
<i>Ishangaliev, Askhat; Yudin, Alexey; Borisenko, Alexey; Vernigora, Denis; Gromovenko, Alexander; Korepanov, Alexander; Olender, Oleg, Gazpromneft-Yamal</i>	
A Technical Solution for Increasing the Efficiency of Associated Petroleum Gas using Examples from the Fields of OAO Udmurtneft	5758
<i>Blyabiyas, Alexander</i>	
Unconventional Basement Reservoir: From Studying to Prediction on the Example of North-Var'yegansky Field	5769
<i>Kazakova, Anastasiia S.; Rykus, Mikhail V.</i>	
Digital Field as a Field and Production Management Tool	5782
<i>Chagirov, P. S.; Korobeynikova, E. V.</i>	
Digital Field as a Field and Production Management Tool (Russian)	5800
<i>Chagirov, P. S.; Korobeynikova, E. V.</i>	
Tailoring of the Fracturing Technologies to Challenging Geological Conditions of Jurassic Formation of Yamal Peninsula (Russian)	5819
<i>Ishangaliev, Askhat; Yudin, Alexey; Borisenko, Alexey; Vernigora, Denis; Gromovenko, Alexander; Korepanov, Alexander; Olender, Oleg</i>	
A Technical Solution for Increasing the Efficiency of Associated Petroleum Gas using Examples from the Fields of OAO Udmurtneft (Russian)	5835
<i>Blyabiyas, Alexander</i>	
Unconventional Basement Reservoir: From Studying to Prediction on the Example of North-Var'yegansky Field (Russian)	5852
<i>Kazakova, Anastasiia S.; Rykus, Mikhail V.</i>	

SESSION 43: YOUNG PROFESSIONALS SESSION 2

New Approach to Interpretation of Hydrodynamic Study of Horizontal Wells Located in Under-Gas-Cap Zones	5870
<i>Fedorov, Aleksei E.</i>	
Design of 5 Liner Drilling System for Directional Drilling	5885
<i>Agishev, A. R.; Gelfgat, M. Ya.</i>	
Probabilistic Approach as a Tool for Identifying Areas of Residual Oil Reserves	5895
<i>Kondratiev, M.; Azarov, E.</i>	
Verifying Reserves Opportunities with Multi-Well Pressure Pulse-Code Testing	5906
<i>Taipova, V.; Rafikov, R.; Aslanyan, A.; Aslanyan, I.; Minakhmetova, R.; Trusov, A.; Krichevsky, V.; Farakhova, R.</i>	
Design of 5 Liner Drilling System for Directional Drilling (Russian)	5922
<i>Agishev, A. R.; Gelfgat, M. Ya.</i>	
New Approach to Interpretation of Hydrodynamic Study of Horizontal Wells Located in Under-Gas-Cap Zones (Russian)	5936
<i>Fedorov, Aleksei E.</i>	
Probabilistic Approach as a Tool for Identifying Areas of Residual Oil Reserves (Russian)	5950
<i>Kondratiev, M.; Azarov, E.</i>	
Verifying Reserves Opportunities with Multi-Well Pressure Pulse-Code Testing (Russian)	5962
<i>Taipova, V.; Rafikov, R.; Aslanyan, A.; Aslanyan, I.; Minakhmetova, R.; Trusov, A.; Krichevsky, V.; Farakhova, R.</i>	
Author Index	