

SPE Russian Oil and Gas Technical Conference and Exhibition 2010

(RO&G 10)

**Moscow, Russia
26-28 October 2010**

Volume 1 of 2

ISBN: 978-1-61782-044-1

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© (2010) by the Society of Petroleum Engineers
All rights reserved.

Printed by Curran Associates, Inc. (2010)

For permission requests, please contact the 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: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Volume 1

SPE-103684: Constrained LWD Resistivity Modeling for Improved Formation Evaluation of Horizontal Water Injectors.....	1
<i>A. A. Al-Hajari, S. M. Ma, R. Geier, P. Butt, A. P. Hibler, S. F. Crary</i>	
SPE-125991: Inaccessible Drilling Targets and Completions Operation Made Possible by the Alleviation of Excessive Torque and Drag.....	8
<i>J. McCormick, M. Frilot, T. Long</i>	
SPE-130626: Improving Efficiency of Coiled Tubing Operations on Vankor Field	19
<i>S. Sitdikov, B. Von Hertzberg, S. Zagranichny</i>	
SPE-131267: A Review on Utilization of Crosslinked Polymer Gels for Improving Heavy Oil Recovery in Turkey	28
<i>N. N. S. Topguder</i>	
SPE-131729: Efficient Hydraulic Fracturing Treatments Using Produced Formation Water in Western Siberia.....	39
<i>A. Fedorov, D. Fu, K. Mullen, L. Kochmar, B. Lungwitz, M. Dessinges</i>	
SPE-132073: Finding the Best Alternative for Plugging Problem in MEG Regeneration Unit Using AHP Method	48
<i>Z. Khorrami, B. Karimkhani, F. A. Farhadi</i>	
SPE-132455: A Practical Approach for Calculating EOS Coefficients	55
<i>T. Ahmed, D. N. Meehan</i>	
SPE-132563: The Next Stage for Multiphase Meters – Generating More Detailed Flow Rate Knowledge and Widening the Operating Envelope	80
<i>M. Tol, M. Brandt</i>	
SPE-132719: A Practical Approach to Evaluating Drilling Projects.....	93
<i>C. Nkwocha</i>	
SPE-133162: An Improved Water Coning Calculation for Horizontal Wells	108
<i>P. Permadji, T. Jayadi</i>	
SPE-133167: Formation / Well Bore Current Conditions Integrated Characterization By the Full Wave Acoustics to Conduct Fracturing	120
<i>V. M. Dobrynin, A. V. Gorodnov, V. N. Chernoglazov</i>	
SPE-133258: Quality Check of Gas-Condensate PVT Studies and EOS Modelling Under Input Data Uncertainty.....	125
<i>A. Schebetov, A. Rimoldi, M. Piana</i>	
SPE-133286: Remedial Cementing in Limestone Formation Using Bradenhead Squeeze: A Case History of KS-X22	138
<i>E. C. Aprilianto</i>	
SPE-133477: Pressure Transient Analysis and Simulation of Nonconventional Wells.....	148
<i>V. A. Iktissanov</i>	
SPE-133746: Oil Recovery Enhancement from Low-Permeable Reservoirs on Base of Reservoir Simulation with Well-Testing and Production Logging	156
<i>D. N. Gulyaev, A. I. Ipatov, N. N. Chernoglazova</i>	
SPE-134209: Simulation of a Complex Fluvial-Deltaic Reservoir to Identify Opportunities to Improve Oil Recovery in a Mature Oil Field: A Case History	164
<i>M. C. Urdaneta, F. J. Angel, Y. E. Askoul, J. Guevara, E. R. González</i>	
SPE-134301: Experience of Commercial Hydrocarbons Forecasting in Pre-Jurassic Series of Western Siberia Region	175
<i>V. Shkurakov, M. Groman</i>	
SPE-134742: Improved Oil Recovery Methods: Applicability Screening and Potential Evaluation	179
<i>L. M. Surguchev, E. Reich, R. A. Berenblyum, A. A. Schipanov</i>	
SPE-135084: Scale Deposition Prediction for Pump Design in Oil Wells	186
<i>V. A. Elichev, A. Voloshin, K. L. Gotvig, O. A. Latypov , A. S. Topolnikov, R. A. Khabibullin</i>	
SPE-135127: Development and Application of a Scale Inhibitor for Electrical Submersible Pumps Suitable for Very Cold Weather	190
<i>S. Linares-Samaniego, K. Spicka</i>	
SPE-135148: Advanced Technologies and Practical Guidelines for Challenging Drilling Applications	201
<i>M. Jellison, R. B. Chandler, V. Abashin, H. Spoerker</i>	

SPE-135677: Buoyant Aluminum Drill Pipes for Extended-Reach Drilling.....	210
<i>I. Y. Balandin</i>	
SPE-135678: Management of Road Safety in Western Siberia.....	224
<i>G. Flanagan, Y. Bashara</i>	
SPE-135679: Fast Semianalytical Layered Geomechanical Model Applied to a Parametric Study of Hydraulic Fracture Reorientation in a Water-Flooded Field	234
<i>M. Chertov, E. Siebrits, K. Butula</i>	
SPE-135704: Comprehensive Approach to Severe Lost Circulation Problems in Russia	246
<i>N. Collins, A. Kharitonov, D. Whitfill, M. Miller, K. Kulakov</i>	
SPE-135732: Quantitative Formation Evaluation in High Angle and Horizontal Wells Using LWD Measurements: Field Application of Integrated Log Modeling Workflows	255
<i>A. Mendoza, P. Gaillot, D. Mardon, J. Zhou, P. Guo, S. Wertanen, H. Yin</i>	
SPE-135795: Increase of an Impeller Machine Efficiency by Proper Selection of a Blade with Minimal Aerodynamic Drag	270
<i>F. Slobodkina, V. Malinin</i>	
SPE-135820: Reservoir Pressure and Well Performance in Multi-Well System.....	275
<i>M. Khasanov, V. Krasnov, T. Musabirov, E. Yudin</i>	
SPE-135829: Safety and Operating Standards and Practices Used by Saudi Aramco To Conduct Critical Onshore Rigless Well Intervention Operations in Water, Oil, and Gas Wells	289
<i>H. H. Al Jubran, S. A. Al Bu Hassan, J. R. Solares</i>	
SPE-135872: Lunskoye Offshore Gas Development - How Technology Made Development of This Large Gas Field Under Harsh Sub-Arctic Conditions Possible	299
<i>J. Van Der Horst, J. Webers, D. Brown, C. Zerbst, P. Muir, B. Connan, T. Purvis</i>	
SPE-135881: Innovative Design Features on PDC Bit Result in Record Run in Orenburg Region, Russia.....	308
<i>L. Mortimer</i>	
SPE-135903: Modeling Miscible Injection in Fractured Porous Media Using Non-Classical Simulation Approaches.....	316
<i>E. Stalgorova, T. Babadagli</i>	
SPE-135911: Methods of Multiple-Point Statistics in Geological Simulation Practice: Prospects for Application.....	328
<i>A. V. Bezrukov, A. R. Davletova</i>	
SPE-135921: Technological Solutions for Marginal Oil Fields Development.....	333
<i>R. R. Ibatullin, S. F. Takhautdinov, N. G. Ibragimov, R. Khisamov</i>	
SPE-135940: Undersaturated Tagai Oil Reservoir Evaluation and Development, West Siberia, Russia	339
<i>S. Parnachev, P. Molodykh, D. Mezentsev, A. Anop</i>	
SPE-135943: Increase of Oil Recovery Efficiency From Hard-To-Recover Oil Formations.....	347
<i>A. A. Isaev, R. S. Takhautdinov, K. I. Arkhipov</i>	
SPE-135948: Piltun ‘Sub-Arctic’ Offshore Integrated Oil and Gas Development.....	353
<i>A. Shlyakhova, T. Kasumov, M. K. Jones, D. Morgan</i>	
SPE-135949: 4D-Seismic to Support the Astokh Field Development Offshore Sakhalin: First Offshore 4D Seismic Survey in Russia	364
<i>M. Boekholt, K. Broker, D. Bell, D. Terwogt</i>	
SPE-135969: Results of New Drilling Technology Application on the Development of Verkhnechonskoye, a Complex East Siberian Field	370
<i>K. Wilson, I. Shokarev, J. Small, E. Akhundov</i>	
SPE-135973: Artificial Lift Practice for Heavy Oil Production With Sand Control.....	386
<i>A. Petrov, A. Mikhaylov, K. Litvinenko, R. Ramazanov</i>	
SPE-135974: New Methods and Treating Units for Electrical Dehydration and Desalting of Oil.....	394
<i>V. N. Shvetsov, A. A. Yunusov</i>	
SPE-135977: Petrophysical Invariance Principle in Adaptive Well Log Interpretation	404
<i>D. Kozhevnikov, K. Kovalenko</i>	
SPE-135978: The Role of Fault Seal of Middle Miocene (Chokrak Formation) Fields at Northern Edge of West Kuban Trough in Fluid Migration Throughout Reservoir Development	420
<i>A. V. Derduga</i>	
SPE-135986: Remedial Cementing at High Temperatures (Case Study: Oilfields of Rosneft-Stavropolneftegaz)	429
<i>A. V. Sakhan, A. A. Chegodaeva, V. V. Gorbunov</i>	
SPE-135988: Maintenance Service and Repair Chamber for Pipelines in Bogs and Under Water.....	440
<i>I. Khasanov</i>	
SPE-135989: Acid Tunneling Technology: Application Potential in Timan-Pechora Carbonates	447
<i>A. E. Akhukubekov, V. N. Vasilyev</i>	

SPE-135992: New Coriolis Based Multiphase Flow Meter for Heavy Oil Mature Fields.....	453
<i>J. Agar</i>	
SPE-135998: Advances in Modeling of Passive Inflow Control Devices Help Optimizing Horizontal Well Completions.....	465
<i>L. Ostrowski, A. Galimzyanov, E. B. Uelker</i>	
SPE-136001: Drug Free Workplace-A New Approach to HSE	475
<i>D. Khan</i>	
SPE-136006: Real-Time Bit Wear Optimization Using the Intelligent Drilling Advisory System.....	482
<i>B. Rashidi, G. Hareland, M. Tahmeen, M. Anisimov, S. Abdorazakov</i>	
SPE-136018: Health Safety & Environment - Obligation, Responsibility and Care.....	491
<i>M. T. Kikbayev, J. J. Hinton, M. C. Brooke-Lander</i>	
SPE-136020: Air Injection at Mordovo-Karmalskoye Field: Simulation and IOR Evaluation	501
<i>E. V. Druganova, L. M. Surguchev, R. R. Ibatullin</i>	
SPE-136022: Exploration of Non-Common Petroleum Targets	509
<i>E. G. Koblov, N. A. Tkacheva, A. V. Kharakhinov</i>	
SPE-136026: Soft Multiphase Flow Metering for Accurate Production Allocation.....	521
<i>R. J. Lorentzen, O. Sævareid, G. Nævdal</i>	
SPE-136034: Extending the Smart Fields Concept to Enhanced Oil Recovery.....	529
<i>J. M. M. Regtien</i>	
SPE-136038: First Successful Selective Tight Gas Reservoir Completion and Fracture Stimulation in Sarah Formation, Rub Al-Khali Empty Quarter of Saudi Arabia.....	540
<i>R. Bukhamseen, A. Khakimov, L. Sierra, D. Young, M. Machala</i>	
SPE-136041: Petrophysical Modeling of the Granular and Fractured Reservoirs	567
<i>D. Kozhevnikov, K. Kovalenko, A. Arsibekov</i>	
SPE-136048: The Research of Influence Sea Stationary Platforms Structure Features on Strength Properties of Basic Block	578
<i>N. I. Guseynova, I. Q. Guseynov</i>	
SPE-136072: Integrated Approach to Hydraulic Fracturing of Achimov Formation in Western Siberia.....	587
<i>S. Marino, Y. Volokitin, A. Khabarov, K. D. Mauth, T. Ishmeev, K. Mullen, K. K. Butula</i>	
SPE-136075: Development of a New Logging While Drilling Resistivity Tool for Slimhole Applications in Russia	599
<i>J. Lee, D. Macune</i>	
SPE-136085: Justification of Applying Multilateral Wells in Samotlor Field	610
<i>A. F. Sunagatullin, A. V. Arzhilovskiy, T. F. Manapov, Y. V. Mikheev</i>	
SPE-136139: Express Method of Oil Recovery Ratio Estimation On the Basis of Oil Reservoir Statistical Characteristics.....	624
<i>A. P. Roschektayev, A. V. Yakasov, V. Krasnov, K. V. Toropov</i>	
SPE-136142: New Solution: Operational Field Control of Pipelines Corrosion Rate.....	631
<i>E. Suhnat</i>	
SPE-136144: Model of Present Development in Oil & Gas R & D Block	634
<i>A. F. Ismagilov, E. Y. Belkina, D. V. Volovetskaya</i>	
SPE-136149: Instruction Films Are an Effective Component of Personnel Training System.....	643
<i>I. A. Rogal</i>	
SPE-136152: Special Issues of Well Test Design and Analysis for Fractured Wells in Waterflood.....	657
<i>M. Khasanov, V. Krasnov, T. Musabirov</i>	
SPE-136153: Optimizing Methods of Profitability Assessment and Well Cluster Drilling Rating with Account of Capital Expenditures	671
<i>A. R. Atmagulov, R. R. Ismagilov, Y. Nekipelov, G. A. Kireev</i>	
SPE-136199: Multi-Layer Steady-State Injection Test with Higher Bottomhole Pressure Than the Formation Fracturing Pressure.....	679
<i>A. Davletbaev, V. Baikov, E. Ozkan, T. Garipov, T. Usmanov, R. Asmandiyarov, A. Slabetskiy, E. Nazargalin</i>	
SPE-136217: Effect of Acid Spending on Etching and Acid Fracture Conductivity	692
<i>M. Pournik, L. Li, B. Smith, H. Nasr-El-Din</i>	
SPE-136224: Lithogeochemical Features of the Jurassic Terrigenous Sediments Formation Within Vat'-Yegan Oil Field (West Siberia).....	706
<i>N. F. Kajachev, A. I. Kudamanov</i>	
SPE-136235: The Influence of Geological and Technological Factors on Enhanced Oil Recovery	717
<i>M. Silin, D. Eliseev, A. Kulikov</i>	
SPE-136248: Fracture-Based Strategies for Carbonate Reservoir Development.....	726
<i>A. Davletbaev, V. Baikov, T. Doe, O. Emchenko, A. Zainulin, A. Igoshin, A. Fedorov</i>	

Volume 2

SPE-136256: Thermal Modeling for Characterization of Near Wellbore Zone and Zonal Allocation	739
A. S. Ramazanov, R. Valiullin, A. A. Sadretdinov, V. Shako, V. P. Pimenov, V. N. Fedorov, K. V. Belov	
SPE-136272: Development of Inflow Profiling Criteria for Low-Rate Horizontal Wells on the Basis of Physical Laboratory Experiments and Field Studies.....	761
R. Valiullin, R. Yarullin, A. Yarullin, V. Shako, A. Parshin	
SPE-136286: Application Mapping Methods in Well Intervention Planning	771
V. G. Volkov, M. G. Volkov, V. A. Elichev, A. S. Topolnikov	
SPE-136287: Calibration of Permeability Vertical Profile With Regard to Well Production Data.....	777
M. Khasanov, K. V. Toropov, A. A. Lubnin	
SPE-136288: Well Path Design Optimization Under Geological Uncertainty: Application to a Complex North Sea Field	787
R. Schulze-Riegert, M. Dong, K. L. Hesketh, M. Krosche, H. Mustafa, K. Stekolschikov, M. Bagheri	
SPE-136292: Engineering Approaches' Progress in Calculation of Inhomogeneous Turbulence in Pipelines.....	798
S. N. Kharlamov, R. A. Alginov	
SPE-136305: Discovery of New Petroleum Basin Offshore of Sakhalin Island	806
A. V. Bychkov	
SPE-136309: The Oil and Gas Bearing Potential of the North of the Siberian Platform According to the Results of Basin Modelling.....	812
L. N. Boldushevskaya	
SPE-136310: Application and Optimization of Oil-Based Drilling Fluids for ERD Wells YNAO Area	820
A. Arslanbekov, N. Sevodin, D. Valuev, V. Mosin, A. Korolev	
SPE-136311: The Okhotsk Sea Shelf Siliceous Horizon and Sand Reservoir Identification Criteria Based on the Well and Seismic Data	828
R. Bulgakov, A. Zharov, V. Korablinov, O. Krovushkina, A. Tereschuk	
SPE-136316: Utilization of Associated Petroleum Gas (APG) — The Norwegian Experience	837
L. Hinderaker, S. Njaa	
SPE-136318: Can Simulation Models Help in Oil and Gas Field Management? An Assessment Methodology for Reservoir Modeling	849
G. R. Larijani, J. D. Gallivan, R. V. Pepelyaev	
SPE-136319: An Efficient Approach for Earth Model Updates	864
E. Suter, E. Cayeux, E. Vefring, L. I. Næsheim, H. A. Friis, A. Escalona, T. Kårstad	
SPE-136322: Integrated Geological and Engineering Uncertainty Analysis Workflow, Lower Permian Carbonate Reservoir, Timan-Pechora Basin, Russia.....	876
A. F. Shirazi, S. V. Solonitsyn, I. A. Kuvuev	
SPE-136327: FIB/SEM and Automated Mineralogy for Core and Cuttings Analysis.....	881
H. J. Lemmens, A. R. Butcher, P. W. S. K. Botha	
SPE-136328: Salm Chemical EOR Project, Integration Leads the Way to Success.....	885
H. Dijk, M. A. Buijse, J. Nieuwerf, A. Weatherill, M. Bouts, A. Kassim, F. Stoica, C. Cosmo	
SPE-136334: Characterizing the Precambrian Petroleum Systems of Eastern Siberia: Evidence from Oil Geochemistry and Basin Modeling	901
M. A. Everett	
SPE-136335: Analysis of the Impact of an Intelligent Well Completion on the Oil Production Uncertainty.....	912
I. M. Grebenkin, D. R Davies	
SPE-136341: Process Optimization Guidelines in the Design and Operation of Intelligent Water Injection Wells	922
C. Allen, A. Ajayi	
SPE-136373: Fully Stochastic Screening and Ranking on Entire Reservoir Portfolios - A Case Study for Candidate Recognition for Waterflood Implementation.....	930
T. Graf, G. Zangl, A. Al-Kinani, M. Hartlieb, R. May, J. Randle	
SPE-136375: Implementation of Real Time Monitoring System for Priobskoye Field.....	940
A. Baryshnikov, V. Sidorenko, A. Tychinski, Y. Timokhovich, D. Safronov, A. Gladkov, D. Kondakov	
SPE-136377: Robust and Versatile Control Systems to Meet the Challenging Artic Conditions	952
J. Van Den Akker, T. Völkel	
SPE-136378: Selection of Decision Variables for Large-Scale Production Optimization Problems Applied to Brugge Field	958
M. Asadollahi, G. Nævdal	
SPE-136380: Gas-Condensate Recovery For The Low Permeable Sands, Gas Cycling Efficiency	970
S. Kolbikov	

SPE-136384: Remote Monitoring and Production Optimisation in Shell	980
<i>F. Van Den Berg, K. Goh, E. Van Donkelaar, R. Parchevsky</i>	
SPE-136389: Solution to Unconsolidated Heavy Oil Reservoirs Evaluation Problem in Tatarstan	989
<i>K. Musin, R. Khisamov, R. Dinnuhamedov</i>	
SPE-136390: Inline Technology-New Solutions for Gas/Liquid Separation	994
<i>E. Kremleva, R. Fantoft, R. Mikelsen, R. Akdim</i>	
SPE-136392: Independent Verification of Safety Critical Elements	1006
<i>J. Marty, S. Theys, C. Bucherie, A. Bolsover, P. Cambos</i>	
SPE-136393: Integrated Modeling of Fracture System and Evaluation of its Impact on Carbonate Heavy Oil Reservoir Performance	1015
<i>S. Ursegov, E. Taraskin, M. Chertenkov, P. Habig, A. Ranjan</i>	
SPE-136395: Further Developments and Application of a Real-Time Directional Drilling Digital Interface	1031
<i>R. Torres, V. Gawska, J. Snyder, A. Kharitonov</i>	
SPE-136399: Effective Strategies in Development Heterogeneous Gas Condensate Carbonate Reservoirs	1053
<i>H. A. Al-Anazi, A. Al-Baqawi, A. A. A. Aziz, A. A. Al-Kanaan</i>	
SPE-136400: A New Technology for Filter Cake Removal	1063
<i>A. Rostami, H. Nasr-El-Din</i>	
SPE-136404: Fractal Description of Pore Structures of Low Permeability Oil Reservoirs and Its Relationship with Gemini Surfactant Flooding	1080
<i>H. Wei, J. Liu, G. Wei, X. Liu, W. Liu</i>	
SPE-136407: Best Practices & Innovations for Improved ESP Performance; Mature Field Case History; TNK-BP Company, Russian Federation	1082
<i>D. C. Borling, S. V. Sviderskiy, S. F. Gorlanov</i>	
SPE-136408: Some Features of Capillary-Gravity Equilibrium in Layered Strata	1095
<i>A. B. Rublev, A. Y. Prohorov, K. M. Fedorov, A. P. Shevelev</i>	
SPE-136409: Carbonate Acidizing: Conjunction of Macro and Micro Scale Investigations	1100
<i>K. M. Fedorov, A. S. Smirnov, T. A. Kremleva</i>	
SPE-136413: Striving for Zero Serious Injuries: Experience of the Oil Operator in Western Siberia	1107
<i>O. Samoylova</i>	
SPE-136422: Construction of Detailed 3D Geological Model of a Deposit With Difficult Geological Structures on the Basis of Basic Facies Models	1114
<i>K. A. Kostenevich, M. B. Dyshevskiy</i>	
SPE-136423: Commercial Application of Dual Completion Technology in TATNEFT Company	1121
<i>K. M. Garifov, A. V. Glukhoded, N. G. Ibragimov, V. G. Fadeev, R. G. Zabbarov</i>	
SPE-136432: History Match Case Study: Use of Assisted History Match Tools on Single-Well Models in Conjunction With a Full-Field History Match	1130
<i>I. Sahni, D. Stern, J. Banfield, M. Langenberg</i>	
SPE-136559: The Salym Project	1153
<i>A. Deacon, H. Mackay</i>	
SPE-136560: Waterflood Induced Fracture Modeling in West Salym Field	1163
<i>A. Aniskin, I. Chmuzh, R. Sakhibgareev</i>	
SPE-138047: Economic Assessment of HSE Risk Management and Raising Efficiency of Financial Resources	1171
<i>E. Merzlyakova</i>	
SPE-138048: Complex Laboratory Method of Reservoir Properties Determination for Anisotropic Layers at the Flowing of Abnormal Oils	1180
<i>V. Kadet, N. Dmitriev, M. Mamedov</i>	
SPE-138049: Permanent Downhole Production Monitoring & Well-Testing of Commingled Production Reservoirs	1184
<i>M. I. Kremenetskiy, A. I. Ipatov, A. V. Gorodnov, V. N. Chernoglazov</i>	
SPE-138050: Prospects of Use of the Ecological Equipment For Clearing of Water Objects of Oil	1188
<i>D. S. Vorobiev</i>	
SPE-138051: Modeling of Acid Treatment in Oil Reservoirs	1194
<i>I. A. Volnov, R. D. Kanevskaya</i>	
SPE-138053: Designing of Complex Information and Control System of the Deposit "Urubcheno-Tohomskoe"	1203
<i>A. Zebzeev</i>	
SPE-138055: Adaptive Technology for Waterflood Management	1213
<i>I. V. Kostrigin, I. F. Khatmullin, E. I. Khatmullina</i>	

SPE-138056: Hydraulic Fracturing as a Method of Improving Oil Fields Development at the Late Stage.....	1226
<i>I. R. Mukminov, I. Z. Mullagalin, R. A. Shayahmetov, A. G. Pasynkov, A. F. Beloguzov, A. N. Nikitin, A. V. Shablovskii</i>	
SPE-138058: The Integrated Approach to the Prediction of Water Shut-Off Jobs Effectiveness	1229
<i>V. A. Strizhnev, A. M. Ilyasov, I. Y. Lomakina, A. V. Kornilov</i>	
SPE-138059: Mathematic Models for Interpretation of Temperature Changes in ESP Wells	1232
<i>R. Valiullin, A. S. Ramazanov, V. Y Fedotov</i>	
SPE-138061: Sidetrack and Well Deepening Operations in the Jurassic Formation of Vyngapur Oil Field	1246
<i>P. Kolba, M. Klimov</i>	
SPE-138063: Systematic Approach Ensuring Asset Integrity, Equipment Reliability and Process Safety	1253
<i>E. M. Derevyakin</i>	
SPE-138064: Integration of Horizontal Well Test Results and Log Data With the Purpose of Improving Field Simulation Model	1259
<i>K. A. Neustroev, S. V. Kostyuchenko</i>	
SPE-138066: Technical and Economic Strategy in the Scale Deposition Management is an Important Factor in Enhancement the Efficiency of Oil Production.....	1269
<i>A. Voloshin, V. Ragulin, E. Neviadovskyi, I. Ganiev</i>	
SPE-138067: Findings of Experimental and Field Research Into Oil Displacement by Means of Finely Dispersed Water-Gas Mixture (FDWGM)	1275
<i>N. V. Savitski</i>	
SPE-138068: Mayskoe Oil Field Tymen Suite Tight Sands Reservoirs Development Strategies.....	1285
<i>D. Naymushin, A. Popov, A. Klimov, A. Martynov</i>	
SPE-138071: A New Approach in Modeling Hydraulic Fractures and Auto Fractures at Injectors in Full-Field Models.....	1300
<i>K. Y. Bogachev, V. G. Shelkov</i>	
SPE-138072: A Case Study of Smart Well Deployment for Arctic Offshore Subsea Field Development	1304
<i>A. A. Khrulenko, A. B. Zolotukhin</i>	
SPE-138073: Study of Viscous Oil Emulsions at Various Ratios of Treated Oils with Extreme Temperatures of Solidification	1321
<i>A. V. Grishagin, O. S. Kalinina, N. P. Meloshenko, Yu. E. Sherstnikova</i>	
SPE-138074: The Thermogas Treatment of the Bazhen's Series Deposits	1346
<i>V. I. Graifer, N. M. Nikolaev, V. Kokorev, A. A. Bokserman, O. V. Chubanov, A. C. Uschakova</i>	
SPE-138075: Results of Water-Gas Stimulation of the Formation Conducted in OJSC "RITEK"	1350
<i>V. Kokorev, O. V. Chubanov, I. A. Akhmadeishin, K. A. Shchekoldin, S. A. Kharlanov</i>	
SPE-138076: Design of Equipment and Technologies Using the Down-Hole Steam and Gas Generator Based on Monofuel Solution	1354
<i>V. Graifer, N. Nikolayev, V. Kokorev, G. Orlov, K. Bugayev</i>	
SPE-138077: Bottom-Hole Formation Zone Treatment Using Monofuel Thermolysis	1358
<i>V. Graifer, V. Kokorev, G. Orlov, K. Bugayev</i>	
SPE-138078: Optimization of Produced Water Dumping Using Conceptual Model of Field Infrastructure	1361
<i>S. Lomovskikh, V. Smyslov, E. Sukhov, V. Shashel, V. Kozhin, Y. Nekipelov</i>	
SPE-138079: Integration of Production, Geological and Geophysical Data While Building Geological Models of Oilfields	1368
<i>D. S. Kolesnikov, R. A. Shipenkov, I. S. Ignatov, S. V. Kostuchenko, E. O. Cherkas, E. N. Tsibizova, N. A. Babuhina, N. Y. Mezhnova, A. V. Roschin</i>	
SPE-138080: Integrated Approach of Field Development System.....	1372
<i>A. A. Shoshin, A. K. Valiev, I. V. Chuprakov</i>	
SPE-138081: Evaluation of Remaining Recoverable Reserves in Water-Flooded Areas.....	1376
<i>R. M. Kats, E. R. Volgin</i>	
SPE-138082: Possibilities To Use Basidiomycetes To Rise the Efficiency of Oil-Contaminated Soil Remediation	1386
<i>A. V. Kokanina, V. A. Vinokurov, M. I. Leont'Yeva, A. V. Barkov, L. M. Krasnopol'skaya</i>	
SPE-138083: Geological Features of the Deep Horizons (Lower Part of the Jurassic Section and Pre-Jurassic Basement) of Tomsk Region: Examples of Mayskoye and Festivalnoye Fields	1397
<i>O. Pinous, D. Ivanov, M. Gostev, D. Naymushin, A. Popov</i>	
SPE-138086: Recoveries of Heavy Oil and Bitumen Techniques with the Radio Frequency Electromagnetic Irradiation	1404
<i>L. Kovaleva, A. Davletbaev, R. Minnigalimov</i>	

SPE-138087: Influence of the Multi-Layered Reservoir on the Production Dynamics of the Gas Condensate Well During Multi Rate Testing	1415
<i>A. Shandrygin, D. Rudenko, D. Kuzmichev</i>	
SPE-138089: Experience and Features of Simultaneous-Separate Exploitation Systems Application on SLA Priobskoye Field	1426
<i>A. V. Baryshnikov, O. A. Kofanov, V. Sidorenko, A. M. Brezin, M. I. Kremenetskiy, V. V. Kokurina</i>	
SPE-138091: Enhancing Efficiency of Steam-Thermal Treatment of Formations with High-Viscosity Oil	1439
<i>A. Shandrygin, O. Dinariev, D. Mikhailov, M. Nukhaev, A. Lutfullin</i>	
SPE-138092: Multiphase Flow Measurements: Vankor Experience	1454
<i>A. A. Semenov, R. R. Bakhitov, S. A. Abramochkin</i>	
SPE-138093: Interactive Petrophysical Model of Oilfields With Large Transition Zones (Salym Fields Example)	1466
<i>Y. Volokitin, A. Khabarov</i>	
Author Index	