

Society of Petroleum Engineers

**SPE Russian Oil and Gas
Technical Conference and
Exhibition
2008**

October 28-30, 2008
Moscow, Russia

Volume 1 of 2

Printed from e-media with permission by:

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

ISBN: 978-1-60560-779-5

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

Copyright and Use Restrictions

Copyright 2008, Society of Petroleum Engineers (SPE)

Material included in these Proceedings are copyright protected. Electronic reproduction, distribution, or storage of any part of an SPE-copyrighted paper for commercial purposes without the written consent of the Society of Petroleum Engineers is prohibited. Permission to reproduce in print is restricted to an abstract of not more than 300 words; illustrations may not be copied. The abstract must contain conspicuous acknowledgment of where and by whom the paper was presented. For photocopying beyond the above permissions, libraries and other users dealing with the Copyright Clearance Center (CCC) Transactional Reporting Service must pay a base fee of \$3 per copyrighted article plus \$0.25 per page to CCC, 222 Rosewood Drive, Danvers, Massachusetts 01923 U.S.A. For other permissions, contact Librarian, SPE, 222 Palisades Creek Drive, Richardson, Texas 75080-2040 U.S.A.

Use of SPE member or author contact information included in these Proceedings for commercial purposes or reproduction of that information in whole or in part, in any form or medium, is strictly prohibited and subject to legal action. Contact SPE to inquire about rental of mailing lists.

Permission to print and distribute content from this product must be obtained from SPE. Duplication of replication products is absolutely prohibited without written permission from SPE.

TABLE OF CONTENTS

Volume 1

SPE-109130 High Performance Water Based Insulating Packer Fluids	1
<i>A.M. Ezzat, J.J. Miller, R.G. Ezell and G.P. Perez</i>	
SPE-112133 Secure Network Architecture for Process Control	12
<i>E. Alqadi and S. Kononov</i>	
SPE-112461 Controlling Proppant Flow Back to Maintain Fracture Conductivity and Minimize Workovers? Lessons Learned from 1,500 Fracturing Treatments	15
<i>J.M. Trela, P.D. Nguyen and B.R. Smith</i>	
SPE-114148 Subsurface Drilling Waste Injection: Real-Time Waste Domain Characterization Using Injection Monitoring and Pressure Interpretation	30
<i>T. Shokanov, V. Still, E. Hernandez, V. Anokhin and A. Ovalle, F. Fragachan</i>	
SPE-114436 The Unique Experience of Odoptu-More Field Development – A New Stage in Russian Offshore Projects	40
<i>A.A. Kozin, M.A. Kuznetsov, I.G. Khamitov and V.I. Igumnov, I.R. Mukminov, T.A. Azimov</i>	
SPE-114511 Prediction Hydrate Formation Temperature and Comparison Between Different Types of Hydrate Inhibitors in the South Pars Gas Complex-Phases 4&5	51
<i>B. Karimkhani, Z. Khorrani</i>	
SPE-114543 Drilling Optimisation Technique - Using Real Time Parameters	60
<i>F. Iqbal</i>	
SPE-114590 Improving Oil Recovery by Adding N₂ in SAGD Process for Super-heavy Crude Reservoir with Top-Water	66
<i>Y. Gao, S. Liui, D. Shen and E. Guo, Y. Bao</i>	
SPE-114658 Synergies of Underground Gas Storage and Enhanced Oil Recovery in a Fractured Reservoir	73
<i>J. de Kok, A. Ali and T. Clemens</i>	
SPE-114700 Use of Impregnated Bits with Turbine to Increase ROP in Hard / Abrasive Carboniferous Formation – Bolivia South HPHT Wells	83
<i>R. Vásquez, Repsol</i>	
SPE-114772 Prediction of Temperature Distribution in Intelligent Wells	97
<i>K.M. Muradov and D.R. Davies</i>	
SPE-114773 Cement Slurry Design Optimization for Cementing High Flow-Rate Wells in Low Temperature Ranges	116
<i>Dean Radojevic, Andrey Palitsyn, Alexander Krasovsky</i>	
SPE-114785 Developing Russia's Young Petroleum Professionals in a Global Context	123
<i>Paul McMorran, Reinhard Pongratz</i>	
SPE-114786 PinPoint Multistage Fracturing Stimulation - Global Applications and Case Histories from Russia	130
<i>Reinhard Pongratz, M. Stanojcic, V. Martysevich</i>	
SPE-114793 Application and Evaluation of Tubing-Conveyed perforating System Combined with Sucker Rod Pump Installation	156
<i>M. Ghareeb, S. Sheded, M. Amani</i>	
SPE-114805 The Integrated Use of New Technology in the Development of the Sakhalin II Project	164
<i>Mike Gunningham, Chris Varley Pius cagienard</i>	

SPE-114828 Candidate Selection Process for Fracturing Combined with RPM Treatments for Western Siberia Oilfields Based on Case Studies	176
<i>A. Prudnikova, A. Anashkin, D. Dalrymple</i>	
SPE 114852 High Performance Freshwater Flocculating Drilling Fluid Helps to Increase Efficiency of Extended Reach Drilling Operations and Cut Costs on Uvat Oilfield	184
<i>A.G. Samarskiy, S.A. Gasparov, V.M. Tenishev, A.G. Terentev, S.Y. Samyshkin</i>	
SPE-114855 Application of Stochastic Prospect Analysis for Shale Gas Reservoirs	200
<i>Nathaniel Harding</i>	
SPE-114876 Evolution of Hydraulic Fracturing in Russia	207
<i>R. Pongratz, I.K. Kuvshinov, K.E. Latkin</i>	
SPE-114882 Design of a Non-Ship-Shaped FPSO for Sakhalin-V Deepwater	229
<i>N. srinivasan, S. Singh, S. Chakrabarti, R. Sundaravadivelu, R. Kanotra</i>	
SPE-114886 Shallow Penetration Particle-Gel System for Water and Gas Shutoff Applications	251
<i>Dwyann Dalrymple, Larry Eoff, Julio Vasquez, Jip van Eijden</i>	
SPE-114966 Creative Production Enhancement Applications of Relative Permeability Modifiers in Mature Fields	258
<i>L. Kalfayan, Q. Qu, S. Stolyarov</i>	
SPE -114988 Testing and Design of Hydraulic Fractures in Tight Gas Formations	266
<i>M.Y. Soliman, J. Ansah, H. Wang</i>	
SPE-114990 A Field-Proven Methodology for Real-Time Drill Bit Condition Assessment and Drilling Performance Optimization	281
<i>Tagir Salakhov, Vil Yamaliev, Vladimir Dubinsky</i>	
SPE-115015 Scalability and Usability Aspects of Reservoir Simulation	289
<i>R.J. Frost, M.J. Parker and D.K. Ponting</i>	
SPE-115017 Solving Linear Equations In Reservoir Simulation Using Multigrid Methods	298
<i>R.P. Hammersley and D. K. Ponting</i>	
SPE-115042 Oil Production and Water-Cut in Naturally-Fractured Vuggy Reservoirs	307
<i>Y. Li, T. Lin, Xinyong Li, B. Liu and X. Ren, K. Li</i>	
SPE-115099 Technical, Economic and Risk Analysis for a Multilateral Well	318
<i>D. Arcos, D. Zhu and E. Bickel</i>	
SPE-115118 Utilize Manage Pressure Drilling Equipment and Technique to Cement a Severely Depleted HPHT Reservoir in the North Sea	335
<i>K.S. Bjørkevoll and D.O. Molde, H. Fjeldberg</i>	
SPE-115125 First Results of Cyclic Steam Stimulations of Vertical Wells with Radial Horizontal Bores In Heavy Oil Carbonates	346
<i>S. Ursegov, A. Bazylev and E. Taraskin</i>	
SPE-115184 Wax Modeling: There is Need for Alternatives	362
<i>R. Bagatin, C. Busto, S. Corraera, M. Margarone and C. Carniani</i>	
SPE-115195 Squeezing Scale Inhibitors to Protect Electric Submersible Pumps in Highly Fractured, Calcium Carbonate Scaling Reservoirs	370
<i>N. Poynton, A. Miller, D. Konyukhov and A. Leontieff, Ilgiz Ganiev and A. Voloshin</i>	
SPE-115200 Model for Transient Temperature and Pressure Behavior in Commingled Vertical Wells	387
<i>W. Sui, D. Zhu, A.D. Hill and C.A. Ehlig-Economides</i>	
SPE-115204 Dynamic Induced Fractures in Waterfloods and EOR	405
<i>P.J. van den Hoek, B. Hustedt, M. Sobera, H. Mahani, R.A. Masfry, J. Snippe and D. Zwarts</i>	
SPE-115285 Unique and Successful Recompletion of Well Kumkol South 1005, Kazakhstan	421
<i>U.Yermakhanov, W.T. Louviere and Q. Qingguang; K. van Gijtenbeek</i>	

SPE-115310 The Economics of Compressed Natural Gas Sea Transport	430
<i>Matteo Marongiu-Porcu, Xiuli Wang, Michael J. Economides</i>	
SPE-115323 Well-Test Interpretation with Behind-the-Casing Crossflows	442
<i>M.I. Kremenetskiy, Gazprom Neft; V.V.Kokurina</i>	
SPE-115340 ESP Monitoring and Diagnosis Enables Operational Efficiency	453
<i>R.V.Molotkov, G.B.Stephenson and S.R.Seale</i>	
SPE-115351 Carbonate Reservoir Simulation Improvement on Base of Well-Test Data to Increase Forecast Reliability	465
<i>D. Gulyaev, N. Chernoglazova and M. Fedoseev</i>	
SPE-115412 A Milestone for Smart MRC Wells in Saudi Arabia	469
<i>M.I. Al-Umran, M.S. Al-Shenqiti and S. Zhou, M.A. Al-Nasif, H. Dayoub</i>	
SPE-115422 Application of Brown-Field Experimental Design Techniques to a Super Giant Carbonate Reservoir	476
<i>T.C. Billiter, K. Dagistanova and G.R. King</i>	
SPE-115434 Breaking the Completions Paradigm: Delivering World Class Wells in Deepwater Angola	495
<i>D. White, K. Whaley, C. Price-Smith and P. Keatinge</i>	
SPE-115442 Use of Representative Models to Improve the Decision Making Process of Chemical Flooding in a Mature Field	514
<i>A.P.A. Costa, D.J. Schiozer, P. Moczydlower, P. Bedrikovetsky</i>	
SPE-115452 Measurement of Component-Wise Gas-Liquid Mixtures Flow Rate	522
<i>A.V. Akhmetzianov, A.M. Kasimov, B.V. Lunkin, A.I. Ermolaev</i>	
SPE-115478 Field Validation Processes for Multiphase Wet Gas Surface Well Testing Solutions: Example from the Yamburgskoe Arctic Gas Condensate Field, Russia	531
<i>B. Theuveny, Y.Shumakov and A. Zhandin, I.Zinchenko</i>	
SPE-115486 Well Productivity and Oil Recovery Enhancement in East and West Siberian Fields as a Result of Inflow Control Technology and Application	547
<i>S. Kudryashov, I. Zaikin and K. Kempf, B. Voll and S. Budlov, D. Laidlaw</i>	
SPE-115490 Log Interpretation Methodology in Polygenetic Deposits of the Vikulovskaya Suite at the Kamennoye Field (Thin-Layer Storm Deposits and Incised Valley Fill Complex)	556
<i>?Y. Lopatin and A.L. Medvedev, Y.V. Masalkin and R. Valencia</i>	
SPE-115497 Watercut versus Oil Displacement - Main Reasons of Different Behavior	573
<i>I.S. Ivanova</i>	
SPE-115503 The Development of an Intelligent Sensor for the Monitoring of Pipeline System Integrity	581
<i>B.N. Umeadi and K.G. Jones</i>	
SPE-115505 TELEMEDICINE in O&G Industry: Our Experience	591
<i>S.Mortara, F.Uberti and G.Gomez</i>	
SPE-115547 Setting the Standard for Resin Coated Proppant Testing	598
<i>E. Barmatov, J. Abbott, A. Golovin, A. Burukhin, S. Kalinin, E. Straz, Z. Usova</i>	
SPE-115556 Particularities of Hydraulic Fracturing in Dome Type Reservoirs of Samara Area in the Volga-Urals Basin	612
<i>A.N. Parfenov, S.S. Sitdikov, O.V. Evseev and V.A. Shashel, Rosneft; K.K. Butula</i>	
SPE-115558 Foam Fracturing: New Stimulation Edge In Western Siberia	636
<i>D. Oussoltsev, I. Fomin, K.K. Butula and K. Mullen, A. Gaifullin, A. Ivshin, D. Senchenko and I. Faizullin</i>	
SPE-115575 Experimental Design Reduces Risks of a Siberian Development with Subsurface and Financial Uncertainties	649
<i>D.E. Tipping, F. Deimbacher and D. Kovyazin, A. Medvedev, R. Valencia</i>	

SPE-115609 Formation Testing and PVT Sampling in Low-Permeability, High-Pressure Gas Condensate Reservoirs by Example of Achimovskaya Formation of Urengoyskoe Field.....	658
<i>V. Achourov, G.I. Kaledin, E. Kroell, K. Rymarenko and C. Jennevin</i>	
SPE-115611 Productivity Prediction for Fractured Wells in Tight Sand Gas Reservoirs Accounting for Non-Darcy Effects.....	667
<i>M. Motiur Rahman</i>	
SPE-115622 Sampling with Multiphase Flowmeter in Northern Siberia – Condensate Field Experience and Sensitivities.....	677
<i>V. Afanasyev, B. Theuveny, S. Jayawardane, A. Zhandin, V. Bastos, P. Guieze and O. Kulyatin, S. Romashkin</i>	
SPE-115634 Facilitating Data Quality Improvement in the Oil and Gas Sector.....	691
<i>R. Radhay</i>	
SPE-115643 Successful Cementing Case Study in Tuscaloosa HPHT Well.....	702
<i>K. Ravi and R. Vargo, B. Lasley</i>	
SPE-115710 Oil Recovery by Miscible SWAG Injection.....	710
<i>M. Jamshidnezhad</i>	
SPE-115956 Structure Features of the Paleozoic Complex of East Siberia Based on Results of Complex Seismic and Well Log Data Interpretation.....	718
<i>I. Nagaeva and E. Ahunyanova</i>	
SPE-116292 An Interpretation Method of Downhole Temperature and Pressure Data for Flow Profiles in Gas Wells.....	722
<i>O.I. Achinivu, Z. Li, D. Zhu and A.D. Hill</i>	
SPE-116338 Application of Outcrop Analogues to Optimize LWD Acquisition for More Confident Formation Evaluation in High Angle and Horizontal Wells.....	733
<i>E. Tyurin and M. Benefield</i>	

Volume 2

SPE-116591 Development of Water Saturation Error Analysis Charts for Different Shaly Sand Models for Uncertainty Quantification of Volumetric In-Place Estimate.....	754
<i>S.S. El-Sayed and A.M. Daoud, E.A. El-Tayeb</i>	
SPE-116775 An Innovative Acid Stimulation Technique for Reviving Dead Wells in the Ghawar Field of Saudi Arabia - A Holistic Approach.....	789
<i>S. Haldar, A.A. Al-Jandal, S.M. Al-Driweesh and M.H. Al-Eid, V. Ramanathan and K. Ovtchinnikov</i>	
SPE-116831 Field Development Optimization of Siberian Giant Oil Field Under Uncertainties.....	795
<i>R. Volz, K. Burn, M.I. Litvak and S. Thakur, S. Skvortsov</i>	
SPE-116835 Development and Field Application of a Low pH, Efficient Fracturing Fluid for Western Siberian Oil and Gas Wells.....	813
<i>D.V.S. Gupta, H.V. Le, A. Batrashkin and P. Nevsky</i>	
SPE-116838 Feasibility Study of Combining Drilling with Casing and Expandable Casing.....	823
<i>H. Shen and B. Aadnoy</i>	
SPE-116845 Optimization of Coiled Tubing Interventions on Extended-Reach Openhole Completions in a Field in Saudi Arabia.....	833
<i>F.I. Beheiri, A.J. Al-Mubairik, A.K. Al-Mulhim and F.M. Al-Meshal, J. Noguera and L. Sierra</i>	
SPE-116848 Data Architecture of Real-Time Drilling and Completions Information at Saudi Aramco.....	846
<i>M.M. Khudiri and M A Shehry, J D Curtis</i>	

SPE-116853 Using Resistivity Log Invasion Profiles, Multiple Porosity Logs, Core and Test Data to Determine Lithology, Porosity and Permeability in Pre-Cambrian Sandstones of Eastern Siberia	854
<i>E.M. Prasse, J.W. Hornbrook and R.S. Tye, T.W. Putnam</i>	
SPE-116859 Appraisal of a Precambrian oil and gas field: Verkhnechonskoye Field, East Siberia, Russian Federation	867
<i>R.S. Tye, J.W. Hornbrook and E.M. Prasse, G.C. Robinson, D.R. Lowe, V.V. Morozov</i>	
SPE-116870 Horizontal Wells - Their Application and Status in Russia	886
<i>J.D.Gallivan, T.W.Gunningham and R.J.Holtslag, R.M.Kuramshin, R.V.Pepelyaev</i>	
SPE-116873 Improved Oil Recovery by Cyclic Injection and Production	901
<i>A.A. Shchipanov and L.M. Surguchev, S.R. Jakobsen</i>	
SPE-116878 Water Shutoff Gels Improved Oil Recovery in Naturally Fractured Raman Heavy Oilfield	912
<i>M.Demir, N.N.Topgüder, M.Y?lmaz, Y.Karakeçe, Y.Ince and U.Karabakal, J.H.Gould</i>	
SPE-116884 Can Gas Hydrates Provide a Solution to Gas Utilisation Challenges in Russian Oil Fields?	923
<i>R. Azarinezhad, I. Valko, A. Chapoy and B. Tohidi</i>	
SPE-116900 Productization of Data	932
<i>D.G. Heggelund and V. Andresen, Schlumberger</i>	
SPE-116905 "Pumping up the Life" of Electric Submersible Pump Systems, Russian Federation	940
<i>D.C. Borling, S.V. Sviderskiy and S.F. Gorlanov</i>	
SPE-116954 Development of Fields with Complex Environmental History – Key Engineering and Technological Solutions	953
<i>?R. Matevosov, I.R. Diyashev, ?.V. ?ruchkova, Yu.V. Maslennikova and ?.V. Zubareva</i>	
SPE-116955 Prediction of Oil-and-Gas Bearing Capacity of Low-Permeability Reservoirs within Lower Cretaceous Clinoforn Sedimentary Formations in Kondinsky-Priobsky Oil-and-Gas Area	963
<i>?V. Kruchkova, V.P. Igoshkin and A.V. Kuklin, G. I. Davitashvili</i>	
SPE-117023 Analysis of Production Data with Elliptical Flow Regime in Tight Gas Reservoirs	974
<i>D. Badazhkov, D. Ovsyannikov and A. Kovalenko</i>	
SPE-117026 The Use of Ejectors Pulsating at a Late Stage of Developing the Gas Fields	984
<i>F. Slobodkina, V. Kadet and A. Evtjukhin</i>	
SPE-117084 Integrated Perspective Assessment for Complex Low-Permeability	995
<i>S. Selemenev, A. Vasiliev, M. Kolesova and A. Shekian</i>	
SPE-117087 Van-Yogan Field: Evaluation of the Optimal Development Strategy for a Thin Viscous Oil Rim with a Large Gas Cap	1007
<i>I. Shaykhutdinov, V. Galimordanov and V. Bardin</i>	
SPE-117097 Determination of Fracture Azimuth in Palnikovskoye Field Western Siberia Using Tiltmeter Technology	1012
<i>V.S. Mironov, I.R. Diyashevband A.V. Brovchuk, G.R. Stanley, B.M. Davidson</i>	
SPE-117107 Gas Drainage Reserves Evaluation Based on Specific Reserves Per Well	1020
<i>S. Kolbikov</i>	
SPE-117366 Hydrochloric Acid Fracturing Combined With Water Shut-Off	1027
<i>L.A.Magadova, M.A.Silin, V.B.Gubanov, V.N.Marinenko and V.R.Magadov, N.A.Demianenko</i>	
SPE-117367 Principle of Iteration Composition of Sector Models for Full Field Reservoir Simulation	1039
<i>S.V. Kostuchenko and A.S. Bordzilovsky</i>	

SPE-117368 Study of Processes of Water Injection in a Reservoir on Fall of Curves Pressure	1047
<i>Mihail L. Karnauhov, Elena M. Piankova, L.M. Gaponova</i>	
SPE-117369 First Results of Exploration Works in the West Ural Fold-and-Thrust Zone of the Pre-Ural Foredeep	1054
<i>Vladimir N. Danilov, V.V. Ivanov</i>	
SPE-117370 Why Dual Porosity Models are not Applicable for Simulation of the Near-Wellbore Zone of Gas Condensate Well for Naturally Fractured Reservoirs	1065
<i>D. Rudenko, A. Shandrygin and A. Zyryanova</i>	
SPE-117371 Definition of Oil Displacement Mechanism at Field Development	1077
<i>M. Karnauhov, L. Gaponova and M. Klimov, E. Piankova</i>	
SPE-117372 Features of Oil Fields Development by the System of Multilateral Horizontal Wells: Practical Experience	1088
<i>M. Klimov and L. Gaponova, Gazpromneft-NNG, M. Karnauhov</i>	
SPE-117373 Gas Utilizing Methods –A New Technology of Oil Recovery Factor	1097
<i>V.B. Karpov and V.I. Kokorev</i>	
SPE-117374 Design of Equipment and Technologies for Steam & Gas Injection Using Monofuel Solution to Develop Viscous and High-Viscosity Oil Deposits	1103
<i>V. I. Kokorev, R. A. Maksutov, G. I. Orlov and A.V. Osipov</i>	
SPE-117375 Permanent Magnet Synchronous Motor (PMSM) – New Type of Drives for Submersible Oil Pumps	1110
<i>V. Pavlenko</i>	
SPE-117376 Peculiarities of Water Flooding the Naturally Fractured Reservoir	1118
<i>E. Volgin, R. Katz and A. Andriasov</i>	
SPE-117377 Integrated Approach for Horizontal Side Track Candidate Selection in Sorochinsko-Nikolskoe Oil Field (Orenburg Region)	1131
<i>E. A. Salamatina, A.P. Sautkin and O.V. Safyannikova, V.V. Orekhov, M. Cimic and A.V. Koshelev</i>	
SPE-117378 Construction Method of Horizontal Steam-Injection and Producing Oil Wells on the Test Sections OPU-4 and OPU-5 Yarega Heavy Oil Deposit	1136
<i>D. Loparev</i>	
SPE-117379 Research of Conditions and Scopes of Water-Gas Influence on the Layer with the Purpose of Increase in the Current and Final Oil Recovery Factor	1144
<i>V.P. Telkov, Y.A. Egorov</i>	
SPE-117380 Solution of Problems of Water-Gas Influence (WGI) on the Layer Using Jet and Electrical Centrifugal	1155
<i>A.N. Drozdov and V.P. Telkov, Y.A. Egorov, V.S. Verbitsky, A.V. Dengaev, D.N. Lambin and I.A. Krasilnikov</i>	
SPE-117381 Critical Intra-Field Pipelines Inhibition Technology Using Batching Pigs	1171
<i>Y.Y. Sukhnat</i>	
SPE-117382 Effect of Fluid Volume and Production Rate on Oil Recovery in Oil Field Development by Waterflooding Methods	1180
<i>R.N. Dijashev, A.F. Blinov</i>	
SPE-117383 Enhancement of Underbalanced Drilling-In Technology Efficiency	1185
<i>F.A. Agzamov, R.N. Dijashev, N.J. Krysin</i>	
SPE-117384 Optimum Well Patterns and Well Paths Selection in Formation AV₁₋₂ (Ryabchik) During Ust-Vakhskaya Area of Samotlor Field Development	1191
<i>Yu.S. Krasnevsky, E.A. Gorobets and A.S. Kundin, Yu.V. Podrezhenko</i>	
SPE-117385 Research of Carbon Oil Quasi-Viscous Properties on Deposits of Volga-Ural Region of Russia	1196
<i>R.N. Dijashev, J.V. Zejgman, M.K. Rogachev</i>	

SPE-117386 Application of Permanent Magnet Motors in Oil Production	1205
<i>I. Azanov, TNK-Nizhnevartovsk; A. Shamigulov</i>	
SPE-117387 Development of Effective Numerical Model for Heavy Oil Production Using Steam-Assisted Gravity Drainage	1210
<i>D. Klemm and V. Pimenov, D. Rudenko</i>	
SPE-117388 Exploration and Production Classification of Ardatov Reservoirs, Rodnikovskoye Field Orenburg Region	1220
<i>?.G.Nemirovich, V.?.Shakirov, L.?.Luzina and D.?.Virskiy</i>	
SPE-117389 Modern Scientific and Technical Concepts for Oil Production and Production	1226
<i>H.N. Muzipov and B.A. Erka, Y.A. Savinykh and A.A. Dvinin</i>	
SPE-117391 New approach of Integrated Validation of Reservoir Oil Properties in Reserves Estimation and Field Development Planning	1239
<i>A.N. Nugaeva and A.I. Brusilovsky</i>	
SPE-117397 TNK-BP Idle Well Stock Reactivation Program	1249
<i>T. Manapov, V. Alekseeva, V. Zhigalov and M. Aksenov</i>	
SPE-117400 A Sedimentologic Model for Lower Cretaceous Sediments within the Northern Portion of the Surgut Arch as Exemplified by the BS₁₀² Zone	1259
<i>I.V. Supolkina, L.V. Saratinyan, A.S. Kozhevskikh and A.A. Gorbunov</i>	
SPE-117402 INFORM Knowledge Hub	1263
<i>F. Muratov</i>	
SPE-117403 Associated Petroleum Gas Conversion into Liquid Hydrocarbons in Barrier Discharge Plasma	1280
<i>I.V. Goncharov and M.A. Veklich, V.V. Lopatin</i>	
SPE-117405 Conditions of Forming and Geological Specifics of Non-Structural Traps in the Ordovician Deposits of the Illizi Basin (the Algerian Sahara)	1288
<i>D.Y. Golovanov and V.A. Rusacov</i>	
SPE-117406 Reservoir Parameters Evaluation Based on Production Data Analysis	1300
<i>M. Khasanov and V. Krasnov, Rosneft; V. Guk</i>	
SPE-117407 Analysis of Causes of High-Rate Corrosion Occurring at Electric Motors of Submersible Pumps	1306
<i>A. Daminov, V. Ragulin and A. Voloshin, V. Litvinenko, A. Mikhailov and O. Tyapov</i>	
SPE-117408 Hydrodynamic Reservoir Simulation of Prediction Cases	1316
<i>O.D. Moiseevich and K.L. Rustamovna, Rosneft</i>	
SPE-117409 Sidetracking Implementation on Western Siberia Oil Fields with Jurassic Reservoirs	1318
<i>I.N. Koshovkin, A.I. Fomin, P.V. Shevelev, P.V. Molodykh and K.E. Utkina, TomskNIPIneft / Tomskneft</i>	
SPE-117410 Main Tendencies of the Sweep Efficiency Improvement Evolution in Russia	1332
<i>A.N. Shandrygin, Schlumberger; A.Lutfullin, Rosnedra</i>	
SPE-117411 Testing and Analysis of Wells Producing Commingled Layers in Priobskoye Field	1355
<i>A. Davletbaev, RN-UfaNIPIneft; E. Ozkan, Colorado School of Mines; A. Slabetskiy, RN-Yuganskneftegas; V. Nikishov, Rosneft; T. Usmanov</i>	
SPE-117412 Hierarchy of the Integrated Models	1364
<i>M.M. Khasanov, I.S. Afanasiev, A.R. Latypov, V.A. Pavlov, D.A. Antonenko and V.N. Surtaev</i>	
SPE-117413 Integrated Modeling of the Priobskoe Oilfield	1370
<i>D.A. Antonenko., V.A. Pavlov and K.K. Sevastyanova, T.S. Usmanov and R.M. Zhdanov</i>	
SPE-117414 High GLR ESP Technologies Comparison: Field Test Results	1378
<i>V.G. Bedrin, M.M. Khasanov, R.A. Khabibullin, V.A. Krasnov and A.A. Pashali, K.V. Litvinenko; V.A. Elichev, M. Prado</i>	

SPE-117415 Rotary Gas Separators in High GOR Wells: Field and Lab Tests Comparison	1394
<i>A.N. Drozdov, V.S. Verbitkiy, A.V. Dengaev and A.A. Arseniev, V.A. Litvinenko, R.A. Khabibullin, K.V. Litvinenko and V.A. Elichev</i>	
SPE-117418 Formation Hydrofracturing Experience on Horizontal Wells of Rosneft	1405
<i>A. Haidar, I. Vafin and G. Borisov, Rosneft; A. Dzhabrailov, A. Nikitin</i>	
SPE-117419 Methods for Reviving Highly Drowned Gas Wells of the Vuktylskoye field	1424
<i>Y.G.Burakov, V.V. Ivanov and E.V.Ulyashev, A.P.Mikhailov and R.V. Roganov</i>	
SPE-117421 Modeling of Hydraulically Fractured Wells in Full Field Reservoir Simulation Model	1432
<i>G. Timur</i>	
SPE-117422 The Pilot Project: Application of Methods of oil and Gas Geochemistry for Localization of Petroleum System of the Western Caucasus Basin	1444
<i>S.E. Jurevna</i>	
SPE-117423 Retrieving Vuggy-Fractured Porosity from Standard Well Log Data	1446
<i>O. Nadezhdin, G. Borisov and V. Savichev</i>	
SPE-117424 The Straddle Packer Application as a Way to Reduce Multi-Zone Fracturing Cycle Duration	1453
<i>A.V. Pestrikov, V.A. Kuznetsov, D.B. Grigoriev</i>	
SPE-117426 Gas/Oil Reservoir Pressure Maintenance by Way of Gas Injection	1456
<i>A.S. Romanov and E.F. Zolnikova</i>	
SPE-117428 Application of Low Frequency Passive Seismic Technology for Hydrocarbon Exploration at Complicated Subsurface Structures	1467
<i>E. Irinyakov and S. Mikhailov, I. Khabibullin</i>	
SPE-117430 Determination of Horizontal Borehole Geometry by Ultrasonic Pulse-Echo Method	1472
<i>N.A. Smirnov and A.S. Varykhalov</i>	
SPE-117573 Pilot Project: "Remote Monitoring Centre"	1481
<i>V.V. Monakhov</i>	
SPE-117574 Development and Application of Innovation Technologies for Seal-Repair, Stimulation and Enhanced Oil Recovery	1488
<i>V. Zavolzhsky</i>	

Author Index