



Energy Division Publications

2017

- Freitag, N.P. and A.E. Dolter, (2017), Simple Calculation of the Effect of Volatile Solvents and Dissolved Gases on the Viscosity of Heavy Oils and Bitumens, Conference Presentation, Society of Petroleum Engineers (SPE) Canada Heavy Oil Technical Conference, Calgary, AB
- Knorr, K.D., (2017), Field Testing EOR Processes - A Post-Chops Well Test Centre Approach, Conference Presentation, Society of Petroleum Engineers (SPE) Canada Heavy Oil Technical Conference , Calgary, AB
- Knorr, K.D., (2017), Gaps and Challenges for Light and Tight EOR, Workshop Presentation, PTAC Workshop: Light and Tight Oil Innovation, Bow Valley Square Conference Centre, Calgary, AB
- Knorr, K.D., (2017), Gaps and Challenges for Light and Tight EOR, Conference Presentation, Williston Basin Conference, Evraz Place, Regina, SK
- Luo, P. and S. Li, (2017), Simultaneous Capillary Pressure and Wettability Determination for Tight Bakken Cores Using an Ultra-High-Speed Centrifuge, Conference Presentation, Society of Petroleum Engineers (SPE) Canada Unconventional Resources Conference , Calgary, AB
- Nakutnyy, P., (2017), New Tools and Approaches for Light and Tight EOR, Workshop Presentation, PTAC Workshop: Light and Tight Oil Innovation, Bow Valley Square Conference Centre, Calgary, AB
- Nakutnyy, P., (2017), New Tools and Approaches for Light and Tight EOR, Conference Presentation, Williston Basin Conference, Evraz Place, Regina, SK
- Yuan, Q., F. Zeng, K.D. Knorr, and M. Imran, (2017), Effects of Concentration-Dependent Diffusion on Mass Transfer and Frontal Instability in Solvent-Based Processes, SPE-184994. Conference Presentation, SPE Heavy Oil Conference Canada, Calgary, AB
- Yuan, Q., J. Wang, S. Yao, F. Zeng, K.D. Knorr, and M. Imran, (2017), Highly Accurate Simulation of Frontal Instability at Extremely Large Mobility Ratio in Solvent-Based Oil Recovery, SPE-186083. Conference Presentation, SPE Reservoir Characterization and Simulation Conference and Exhibition, Abu Dhabi, UAE

2016

- Bogatkov, D., (2016), Thermal Solvents, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB

- Crabtree, M., (2016), C-DER, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Crabtree, M., (2016), C-DER, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Crabtree, M., (2016), Heavy Oil Waterflooding, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Crabtree, M., (2016), Mastering Light and Tight Oil, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Crabtree, M., (2016), Miscible and Immiscible Gas Flooding in Mature Oil Fields, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Crabtree, M., (2016), Polymer Enhanced Oil Recovery, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Crabtree, M., (2016), Thermal Recovery Technologies, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Crabtree, M., (2016), Post CHOPS Well Centre, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Crabtree, M., (2016), Post CHOPS Well Centre, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Crabtree, M., Surfactant Enhanced Oil Recovery, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Emery, E., (2016), Partial Upgrading May Overcome Drawbacks of Heavy Oil Production, Magazine Article, Roughneck Magazine - April Edition
- Fraser, R., (2016), Driving Technology Acceleration, Magazine Article, Roughneck Magazine - May Edition
- Freitag, N.P., (2016), Overview of Heavy Oil EOR Technologies, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Freitag, N.P., (2016), Chemical-Reaction Mechanisms That Govern Oxidation Rates During In-Situ Combustion and High-Pressure Air Injection, Journal Publication, *SPE Reservoir Evaluation and Engineering*, **19** (4), SPE-170162-PA
- Grismer, K., (2016), UAVs for H₂S Detection and Mapping, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Imran, M. and K.D. Knorr, (2016) SVX Process Optimization - Concept of SVX Process Loop, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, Conference Presentation, Calgary, AB

- Imran, M. and K.D. Knorr, (2016), Effect of Solvent Injection Rate on SVX Process Performance, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, Conference Presentation, Calgary, AB
- Imran, M., (2016), Current and Future Challenges of Heavy Oil Recovery, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Imran, M., (2016), Current and Future Challenges of Heavy Oil Recovery, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Imran, M., (2016), High Temperature (Volatile) Surfactants, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Imran, M., (2016), High Temperature (Volatile) Surfactants, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Imran, M., (2016), ISR - An Improved In-Situ Recovery Method for Oil Sands, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Jonasson, R., M. Imran, and D. Bogatkov, (2016), SRC Short Course, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, Workshop/Seminar, Calgary, AB
- Knorr, K. D. and G. Renouf, (2016), Smart Prototype Laboratory Equipment - Part 1, Magazine Article, Roughneck Magazine - February Edition
- Knorr, K. D. and M. Imran, (2016), Smart Prototype Laboratory Equipment - Part 2, Magazine Article, Roughneck Magazine - March Edition
- Knorr, K. D., (2016), Wormholes and Post-CHOPS EOR, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Knorr, K. D., (2016), Partial Upgrading Research Past and Current, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Knorr, K.D., (2016), Partial Upgrading Research Past and Current, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Knorr, K.D., (2016), Wormholes and Post-CHOPS EOR, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Luo, P., and S. Li, (2016), Capillary Pressure and Wettability Determination for Bakken Cores Using an Ultra-High-Speed Centrifuge, Conference Presentation, ShaleTech Canada 2016, Calgary, AB
- McGilp, L., (2016), Pipeline Transport, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB

- Nakutnyy, P. and P. Luo, (2016), Bakken Roadmap - Mapping Existing Resources and Activities in the Bakken Play, Workshop Presentation, PTAC TOGIN Plays and Production Workshop, Calgary, AB
- Nakutnyy, P. and Renouf, G., (2016), Data Mining for Better Oil Recovery, Magazine Article, Roughneck Magazine - January Edition
- Nakutnyy, P., (2016), Heavy Oil Waterflooding, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Nakutnyy, P., (2016), Mastering Light and Tight, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Nakutnyy, P., (2016), Polymer Enhanced Oil Recovery, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Paynter, P., (2016), SRC Energy Services Overview, Conference Presentation, Mature Fields Congress 2016, SRC Technology and Innovation Theatre, Mexico City, Mexico
- Paynter, P., (2016), SRC Energy Services Overview, Conference Presentation, Global Petroleum Show (GPS) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Paynter, P., (2016), SRC Energy Services Overview, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB
- Soveran, D., (2016), Accelerating Solutions for Flare Gas and Vent Gas Conversion, Magazine Article, Roughneck Magazine - June Edition .
- Zimmer, J., (2016), Environmental Services for the Heavy Oil Industry, Conference Presentation, World Heavy Oil Congress (WHOC) 2016, SRC Technology and Innovation Theatre, Calgary, AB

2015

- Anweiler, D., (2015), Gasifier, Interview, Saskatoon Star Phoenix; Western Producer
- Crabtree, M., (2015), CHOPS: But Not For Your BBQ, SRC Internet Blog and Interview, "From the Lab to the Loading Dock" and Regina Leader-Post
- Crabtree, M., (2015), Heavy Oil with CHOPS, Magazine Article, Roughneck Magazine - May Edition
- Crabtree, M., (2015), Innovate Like a Pro, Conference Presentation, Canadian Heavy Oil Conference, Calgary, AB
- Crabtree, M., (2015), Innovate to Survive: The Role New Technologies Might Play in Overcoming Industry Challenges, Presentation, UpTech Upstream Oil and Gas Summit, Banff, AB
- Crabtree, M., (2015), Mastering Light and Tight, Conference Paper, Global Petroleum Show, SRC Technology and Innovation Theatre, Calgary, AB

- Crabtree, M., (2015), Saskatchewan Oil Sands, Interview, CBC News
- Crabtree, M., (2015), SME Technology, Conference Presentation, UpTech Upstream Oil and Gas Summit, Banff, AB
- Crabtree, M., (2015), SRC Helping Develop New Technologies in Raw Material Extraction, Magazine Article, Roughneck Magazine - April Edition
- Freitag, N. and M. Crabtree, (2015), Emulsions Technology, Conference Presentation, World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB; Global Petroleum Show, SRC Technology and Innovation Theatre, Calgary, AB
- Freitag, N., (2015), Bitumen Challenges and Technologies, Conference Presentation, World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB
- Freitag, N., (2015), Heavy Oil Viscosity Dependence on Volatile Solvent Concentration: Discovery of a Universal Behaviour, Conference Paper, Paper WHOC15-368 presented at the World Heavy Oil Congress, Edmonton, AB
- Imran, M. and N. Freitag, (2015), In-Situ Combustion - An Overview. Technical Report, Journal Article, Journal of Canadian Petroleum Technology, Volume 54, Issue 01, p. 9-11
- Jonasson, R., (2015), Mineral Scale in Oilwells - Part 1, Magazine Article, Roughneck Magazine - June Edition
- Jonasson, R., (2015), Mineral Scale in Oilwells - Part 2, Magazine Article, Roughneck Magazine - July Edition 4
- Jonasson, R., (2015), Selection and Testing of Volatile Surfactants for Use in Thermal EOR Operations, Presentation, Petroleum Technology Alliance Canada (PTAC) Technology Information Session, Calgary, AB
- Jonasson, R., (2015), Selection and Testing of Volatile Surfactants for Use in Thermal EOR Processes, Conference Presentation, Petroleum Technology Alliance Canada (PTAC) Seminar, Calgary, AB
- Knorr, K.D., (2015), Wormholes and Post-CHOPS EOR, Conference Presentation, World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB
- Knorr, K.D. and M. Imran, (2015), Current and Future Challenges of Heavy Oil Recovery, Conference Presentation, World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB
- Knorr, K.D. and M. Imran, (2015), Wormholes and Post-CHOPS EOR - Part 1, Magazine Article, Roughneck Magazine - August Edition
- Knorr, K.D. and M. Imran, (2015), Wormholes and Post-CHOPS EOR - Part 2, Magazine Article, Roughneck Magazine - September Edition
- Knorr, K.D. and R. Jonasson, (2015), High Temperature Surfactants, Conference Paper, World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB; Global Petroleum Show, SRC Technology and Innovation Theatre, Calgary, AB

- Luo, P., (2015), Potential Production Enhancement Methods in the Bakken: Gas Utilization and Water Injection, Conference Presentation, Tight Oil Optimization Conference, Calgary, AB
- Luo, P., (2015), Successful CO₂ Flooding in Bakken Reservoirs: Understanding the Vital Role of Geochemical and Geophysical Interactions, Presentation, 36th International Energy Agency Enhanced Oil Recovery (IEA-EOR) Conference, Sapporo, Japan
- Luo, P., (2015), Capillary Pressure and Wettability Determination for Bakken Cores using an Ultra-high-speed Centrifuge, Conference Presentation, ShaleTech Canada Conference, Calgary, AB
- Luo, P. and S. Li, (2015), Gas Injection in the Bakken Formation: An Overview, Technical Report, Journal of Canadian Petroleum Technology 54 (4): 205–207
- Nakutnyy, P. and G. Renouf, (2015), Polymer Flooding - Part 1, Magazine Article, Roughneck Magazine - October Edition
- Nakutnyy, P. and G. Renouf, (2015), Polymer Flooding - Part 2, Magazine Article, Roughneck Magazine - November Edition
- Nakutnyy, P. and G. Renouf, (2015), Surfactant Flooding, Magazine Article, Roughneck Magazine - December Edition
- Nakutnyy, P. and P. Luo, (2015), Enhanced Oil Recovery for Tight Oil Reservoirs - Opportunities and Challenges, Conference Presentation, Williston Basin Petroleum Conference, Regina, SK
- Paynter, P., (2015), Career Opportunities at SRC, Conference Presentation, Global Petroleum Show, SRC Technology and Innovation Theatre, Calgary, AB
- Paynter, P., (2015), SRC Corporate Overview, Conference Presentation, World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB
- Paynter, P., (2015), SRC Energy Services Overview, Conference Presentation, Global Petroleum Show, SRC Technology and Innovation Theatre, Calgary, AB; World Heavy Oil Congress, SRC Technology and Innovation Theatre, Edmonton, AB
- Zeng, F. and K.D. Knorr, (2015), A Post-Cold Production Solvent Vapor Extraction (SVX) Process Performance Evaluation by Numerical Simulation, Online Journal Article, Petroleum Science and Technology, Volume 33, Issue 9

2014

- Ahmadloo, F., K.A. Asghari, A. Henni and N. Freitag, (2014), Physical and Numerical Modeling of Capillarity and Aqueous Phase Saturation Effects on the Rate of Solvent Mass Transfer in Boundary Layer in Heavy Oil Reservoirs, Conference Paper, Society of Petroleum Engineers

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- Brice, B., S. Ning, A. Wood and G. Renouf, (2014), Optimum Voidage Replacement Ratio and Operational Practice for Heavy Oil Waterfloods, Conference Paper, Society of Petroleum Engineers (SPE) Heavy Oil Conference, Calgary, AB; DOI: <http://dx.doi.org/10.2118/170099-MS>; Doc ID: SPE-170099-MS
- Crabtree, M. and R. Gotto, (2014), Energy in the Environment, Editorial, Business & Industry South Saskatchewan, Volume 3, Issue 1
- Crabtree, M., (2014), Oil and Gas Industry Tackles Responsible Water Usage, SRC Internet Blog, "From the Lab to the Loading Dock"; <http://blog.src.sk.ca/energy/oil-gas-industry-tackles-responsible-water-usage/>
- Crabtree, M., (2014), Post-CHOPS, Editorial, Oil and Gas Product News
- Crabtree, M., (2014), Productivity Increase for Bakken Wells Under Development by SRC, Interview, Oil & Gas News
- Crabtree, M., K.D. Knorr and M. Imran, (2014), EOR for Tight Oil Reservoirs – Challenges and Opportunities, Conference Presentation, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB
- Crabtree, M., K.D. Knorr and M. Imran, (2014), Heavy Oil – Cold and Thermal EOR Technologies, Challenges and Opportunities, Conference Presentation, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB
- Crabtree, M., K.D. Knorr and M. Imran, (2014), Post CHOPS EOR – Deeper Dive into Extending Cold Heavy Oil Production with Sand (CHOPS) Recovery, Conference Presentation, at SRC's Enhanced Oil Recovery Technologies Theatre, 2014 Global Petroleum Show, Calgary, AB
- Crabtree, M., M. Imran, P. Luo, and P. Paynter, (2014), Current and Future Challenges in Heavy Oil Recovery, Conference Presentation, World Heavy Oil Conference, Recovery Theater Presentations, New Orleans, LA
- Crabtree, M., M. Imran, P. Luo, and P. Paynter, (2014), Overview of Heavy Oil EOR Technologies, Conference Presentation, World Heavy Oil Conference, Recovery Theater Presentations, New Orleans, LA
- Crabtree, M., M. Imran, P. Luo, and P. Paynter, (2014), Cold Heavy Oil Production with Sand (CHOPS), Conference Presentation, World Heavy Oil Conference, Recovery Theater Presentations, New Orleans, LA
- Crabtree, M., M. Imran, P. Luo, and P. Paynter, (2014), Bitumen Challenges and Technologies, Conference Presentation, World Heavy Oil Conference, Recovery Theater Presentations, New Orleans, LA
- Crabtree, M., M. Imran, P. Luo, and P. Paynter, (2014), Solvent Recovery Technologies, Conference Presentation, World Heavy Oil Conference, Recovery Theater Presentations, New Orleans, LA

- Crabtree, M., M. Imran, P. Luo, and P. Paynter, (2014), Thermal Recovery Technologies, Conference Presentation, World Heavy Oil Conference, Recovery Theater Presentations, New Orleans, LA
- Freitag, N., (2014), Chemical Reaction Mechanisms That Govern Oxidation Rates During In-Site Combustion and High-Pressure Air Injection, Conference Paper, Society of Petroleum Engineers (SPE) Heavy Oil Conference, Calgary, AB; DOI: 10.2118/170162-MS; Doc ID: SPE-170162-MS
- Imran, M., (2014), Determination of Concentration Dependent Solvent Dispersion in Hybrid Enhanced Oil Recovery Processes, Presentation, Stats and Controls Meeting, Montreal, QC
- Imran, M. and K.D. Knorr, (2014), Effect of Dead-Oil Viscosity and Injected-Solvent Type on SVX Process Performance, Journal Article, Journal of Petroleum Technology, Volume 53, Issue 03, p. 168-178: DOI: <http://dx.doi.org/10.2118/165454-PA>; Doc ID: SPE-165454-PA
- Knorr, K.D. and M. Imran, (2014), Post-CHOPS EOR Methods – The Role of Wormholes, Presentation, Petroleum Technology Alliance Canada, Calgary, AB
- Luo, P., (2014), EOR for Canadian Tight Oil Reservoirs - Opportunities and Challenges, Invited Presentation, 2014 International Conference on EOR, China University of Petroleum, Beijing, China
- Luo, P., (2014), Optimized Surfactant–Polymer Flooding Technologies, Presentation, Purdue University, Lafayette, IN
- Nakutnyy, P., (2014), Optimization of Polymer Flooding for Heavy Oil EOR, Conference Presentation, 35th International Energy Agency - Enhanced Oil Recovery (IEA EOR) Symposium, Beijing, China
- Nakutnyy, P., G. Renouf and S. Veerabhadrappe, (2014), Evaluation of Polymers for Heavy Oil EOR, Technical Report, Journal of Canadian Petroleum Technology; Volume 53, Issue 4
- Paynter, P., (2014), Saskatchewan's Energy Frontman a Familiar Face, Interview, Calgary Herald
- Renouf, G., (2014), A Survey of Polymer Flooding in Western Canada, Conference Presentation, Society of Petroleum Engineers (SPE) Improved Oil Recovery Symposium, Tulsa, OK, SPE-169062-MS. <http://dx.doi.org/10.2118/169062-MS>
- Veerabhadrappe, S., (2014), Right Place, Right Time, Special Report, Journal Contribution and Interview, Alberta Oil Magazine
- Zhang, M., Z. Du, F. Zeng and S. Xu, (2014), Upscaling Study of Cyclic Solvent Injection Process for Post-CHOPS Reservoirs through Numerical Simulation, Conference Paper, Society of Petroleum Engineers (SPE) Heavy Oil Conference, Calgary, AB; DOI: <http://dx.doi.org/10.2118/170142-MS>; Doc ID: SPE-170142-MS

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- Ahmadloo, F., K. Asghari, A. Henni and N. Freitag, (2013), Experimental Investigation of Capillarity and Drainage Height Roles in the Vapor Extraction Process, Journal Article, Petroleum Science and Technology, Volume 31, Issue 2, p. 204-214
- Anweiler, D., (2013), SRC Puts Natural Waste to Use, Advertorial, Innovation Place's The Scene
- Crabtree, M., (2013), What is Petroleum and Where Does it Come From?, Article/Interview, The Leader Post
- Imran, M., K.D. Knorr and P. Jia, (2013), Advanced Numerical Simulation of Solvent Vapour Extraction (SVX) Processes, Conference Proceedings, Society of Petroleum Engineers (SPE) Heavy Oil Conference Canada 2013, Calgary, AB, SPE 165522-MS: Volume 3, ISBN: 9781627486286
- Knorr, K.D., (2013), SRC's Unique Capabilities in Enhanced Oil Recovery Research, Conference Presentation, GO-EXPO, Calgary, AB
- Knorr, K.D. and M. Imran, (2013), Effect of Dead Oil Viscosity and Injected Solvent Type on SVX Process Performance, Conference Proceedings, Society of Petroleum Engineers (SPE) Heavy Oil Conference Canada 2013, Calgary, AB, SPE 165454-MS; Volume 2, ISBN: 9781627486286
- Luo, P., (2013), CO2 Best Choice for Squeezing More Out of Saskatchewan Bakken, Article/Interview, Pipeline News
- Luo, P., (2013), Geochemical and Geophysical Implications of CO2 Flooding for Bakken Reservoirs, Presentation, 21st Williston Basin Petroleum Conference, Regina, SK
- Luo, P., V. Er, N. Freitag and S. Huang, (2013), Recharacterizing Evolving Fluid and PVT Properties of Weyburn Oil-CO2 System, Journal Article, International Journal of Greenhouse Gas Control, Volume 16 (1), S226-S235
- Luo, P., Y. Wu and S. Huang, (2013), Optimized Surfactant-Polymer Flooding for Western Canadian Heavy Oils, Conference Presentation, SPE Heavy Oil Conference Canada, Calgary, AB, Paper SPE 165396-MS
- Luo, P., Y.P. Zhang and S. Huang, (2013), A Promising Chemical-Augmented WAG Process for Enhanced Heavy Oil Recovery, Journal Article, Fuel, Volume 104, p. 333-341
- Renouf, G., (2013), A Survey of Polymer Flooding in Western Canada, Conference Proceedings, IEA EOR Conference, Stavanger, Norway
- Schramm, L.L. and E.E. Isaacs, (2013), Development of In Situ Oil Sands and Heavy Oil Reservoirs in Canada, Journal Publication, In Handbook on Theory and Practice of Bitumen Recovery from Athabasca Oil Sands, Volume 2 Industrial Practice, Czarnecki, J.; Masliyah, J.; Xu, Z.; Dabros, M. (Eds.), Alberta Innovates-Energy and Environment Solutions: Edmonton, AB, p. 603-636

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2012

- Babchin, A.J. and L.L. Schramm, (2012), Osmotic Repulsion Force Due to Adsorbed Surfactants, Journal Publication, Colloids and Surfaces B, 91, 137-143
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- Knorr, K.D. and M. Imran, (2012), Solvent Chamber Development in 3D Physical Model Experiments of Solvent Vapour Extraction Processes (SVX) with Various Permeabilities and Solvent Vapour Qualities, Journal Article, Journal of Canadian Petroleum Technology, Volume 5(6): 425-436
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- Luo, P., (2012), CO2 EOR Research at SRC, Presentation, U.K. Trade/Academic Mission to Canada on Carbon Capture and Storage (CCS); China National Petroleum Corporation
- Luo, P., X. Wang, S.S. Huang, and Y. Zhang, (2012), Laboratory and Simulation Study of Optimized Water Additives for Improved Heavy Oil Recovery, Research Paper, Society of Petroleum Engineers (SPE) International Heavy Oil Conference, Calgary, AB, SPE 146782, p.126
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- Schramm L.L., W. Gunter, K. Putt, K. Smith, R. Chow, S. Shunlan Liu, and K. Wilson, (2012), A Review of the Centre for Oil Sands Innovation at the University of Alberta, Alberta Innovates Energy and Environment Solutions, COSI Review Panel Report, University of Alberta, Alberta Innovates Energy and Environment Solutions, Edmonton, AB
- Schramm, L.L., (2012), Surface Tension, Encyclopedia Article, in Encyclopedia of Science & Technology, Electronic AccessScience Ed., McGraw-Hill, New York, 2 pp.
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2011

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2010

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