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CSUG/SPE 149230	SAGD Pair Performance Optimization: A Field Case of Recovery Enhancement ÆFÏ €Î Kamran R. Jorshari, SPE, Brendan O'Hara, and Ramsey W. Jones, SPE, Husky Energy Inc.
CSUG/SPE 149239	A New SAGD Well Pair Placement; a Field Case Review AMFI FI Kamran R. Jorshari, SPE, and Brendan O'Hara, Husky Energy Inc.
CSUG/SPE 149257	Experimental Study of Simultaneous Athabasca Bitumen Recovery and Upgrading Using Ultradispersed Catalysts Injection AMET G R. Hashemi, P. Pereira, Schulich School of Engineering, University of Calgary
CSUG/SPE 149272	Case Studies: Impact of High Salt Tolerant Friction Reducers on Fresh Water Conservation in Canadian Shale Fracturing Treatments ÁWFÏ I € Javad Paktinat, SPE, Bill O'Neil, SPE, Michael Tulissi, SPE, Trican Well Service



CSUG/SPE 149273	Evaluation of Long-Term Performance of Oil Wells in Elm Coulee Field ATT I I Kurtoglu, B., SPE, Cox, S.A., SPE, Marathon Oil Corporation, and Kazemi, H., SPE, Colorado School of Mines
CSUG/SPE 149274	Modeling the Effect of Permeability Anisotropy on the Steam-Assisted Gravity Drainage (SAGD) Process AMT Î Î Î Prince N. Azom and Sanjay Srinivasan, University of Texas at Austin
CSUG/SPE 149278	Log-Based Identification of Sweet Spots for Effective Fracs in Shale Reservoirs AWFÜÜ Khaled Hashmy, Weatherford Geoscience, Samir Abueita, Anadarko Petroleum, Craig Barnett, Weatherford Drilling Services and Jos Jonkers, Weatherford International
CSUG/SPE 149307	The Stability of Fault Systems in the South Shore of the St. Lawrence Lowlands of Québec - Implications for Shale Gas Development Awar i J J John Brodylo, Questerre Energy Corporation; Jean-Yves Chatellier, Talisman Energy Inc.; Guillaume Matton, Viasat GeoTechnologies; and Michel Rheault, Viasat GeoTechnologies
CSUG/SPE 149308	Fracturing in the Oil-Sands Reservoirs ∰FÌ €Ì Yanguang Yuan, SPE, Baohong Yang, SPE and Bin Xu, SPE, BitCan G&E Inc.
CSUG/SPE 149314	Investigation of Top-Down In-Situ Combustion Process in Complex Fractured Carbonate Models: Effects of Fractures' Geometrical Properties AMFI GG S. Mobeen Fatemi, SPE, Sharif University of Technology, Heriot-Watt University; Riyaz Kharrat, SPE, Petroleum University of Technology; Shapour Vossoughi, SPE, University of Kansas
CSUG/SPE 149331	Examining the Effects of Stress Dependent Reservoir Permeability on Stimulated Horizontal Montney Gas Wells AMFI I H R.C. Bachman, Taurus Reservoir Solutions Ltd., V. Sen, Taurus Reservoir Solutions Ltd., D. Khalmanova, Shell Canada Energy, V. Okouma M'Angha, Shell Canada Energy, A. Settari, University of Calgary
CSUG/SPE 149346	Relative Permeability of Coal to Gas (Helium, Methane, and Carbon Dioxide) and Water – Results and Experimental Limitations AWFI Î J Y.S. Ham and A. Kantzas, University of Calgary
CSUG/SPE 149351	Case Study of Using Basin Analysis to Evaluate UGR in Frontier Basins Æ Ì Ì € Kun Cheng, SPE, Wenyan Wu, SPE, Stephen A. Holditch, SPE, Walter B. Ayers, Jr., SPE, and Duane A. McVay, SPE, Texas A&M University



CSUG/SPE 149352	Practical Control of SAGD Wells with Dual Tubing Strings AWT 1 1 Terry Stone, SPE, Schlumberger Information Solutions, George Brown, SPE, Schlumberger Engineering Manufacturing and Sustaining, Baris Guyagular, SPE, Chevron Energy Technology Company, William J. Bailey, SPE, Schlumberger-Doll Research, David Hin-Sum Law, SPE, Schlumberger Data & Consulting Services
CSUG/SPE 149361	Analysis of Production Data Using the Beta-Derivative AFJE E. Idorenyin, SPE, Fekete Associates Inc.; V. Okouma, SPE, Shell Canada Energy; L. Mattar, SPE, Fekete Associates Inc.
CSUG/SPE 149367	New Type Curves for Shale Gas Wells with Dual Porosity Model AMFJH€ Haider J. Abdulal, Orkhan Samandarli, and Robert A. Wattenbarger, SPE, Texas A&M University
CSUG/SPE 149371	Design of Caprock Integrity in Thermal Stimulation of Shallow Oil-Sands Reservoirs AFJI Î Yanguang Yuan, SPE, Bin Xu, SPE, BitCan G&E Inc. and Claes Palmgren, SPE, Alberta Oilsands Inc.
CSUG/SPE 149375	Realistic Geomechanical Modeling of Hydraulic Fracturing in Fractured Reservoir Rock ÆFJÎ F Haitham Tayseer Alassi, SPE, Rune Holt, SPE, Olav-Magnar Nes, SPE, and Srutarshi Pradhan, Sintef Petroleum
CSUG/SPE 149390	Completion Evaluation of the Eagle Ford Formation with Heterogeneous Proppant Placement ÁFJÎÎA. Viswanathan, SPE, R. Altman, SPE, D. Oussoltsev, SPE, K. Kanneganti, SPE, J. Xu, SPE, D. Grant, SPE, S. Indriati, SPE, A. Peña, SPE, Schlumberger, M. Loayza, SPE, B. Kirkham, SPE, T. Rhein, SPE, Petrohawk
CSUG/SPE 149397	New Type Curves for Analyzing Horizontal Well With Multiple Fractures in Shale Gas Reservoirs ÁÁFJÌ H M. Nobakht, SPE, University of Calgary and Fekete Associates Inc.; and C.R. Clarkson, SPE, and D. Kaviani, SPE, University of Calgary
CSUG/SPE 149398	Investigation of the Use of Flowing Material Balance for Analyzing Horizontal Well With Multiple Fractures in Shale Gas Reservoirs AGE M. Nobakht, SPE, University of Calgary and Fekete Associates Inc.; and C.R. Clarkson, SPE, University of Calgary

Equipment Consideration for Continuous High-Horsepower Fracturing Operations ##GEGF

Tony Yeung, SPE, Scott Deditch, Darryl Schultz, Graham Dick, and Charles Eykelbosh,

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CSUG/SPE 149400	Effect of Heterogeneity in a Horizontal Well With Multiple Fractures on the Long-Term Forecast in Shale Gas Reservoirs ∰CEI € M. Nobakht, SPE, Fekete Associates Inc. and University of Calgary, R. Ambrose, SPE, Reliance Holding USA Inc., and C.R. Clarkson, SPE, University of Calgary
CSUG/SPE 149403	Organic Maturity, Hydrous Pyrolysis and Elastic Property in Shales AGE H Saeed Zargari, SPE, Colorado School of Mine; Manika Prasad, SPE, Colorado School of Mines; Kenechukwu C. Mba, SPE, Exxon Mobil; Earl D. Mattson, SPE, Idaho National Laboratory
CSUG/SPE 149405	Prediction of the Viscosity of Solvent Diluted Live Bitumen at Temperatures up to 175°C AGE Í H. Motahhari, SPE, University of Calgary; F. F. Schoeggl, University of Calgary; M. A. Satyro, Virtual Materials Group Inc.; H. W. Yarranton, SPE, University of Calgary
CSUG/SPE 149411	Modeling of Asphaltene Precipitation Due to Steam and n-alkane Coinjection in the ES-SAGD Process AMGE I Amin Badamchizadeh, Computer Modelling Group Ltd.; Bruce F. Kohse, Computer Modeling Group Ltd.; Anjani Kumar, Computer Modeling Group Ltd.
CSUG/SPE 149432	Sample Size Effects on the Application of Mercury Injection Capillary Pressure for Determining the Storage Capacity of Tight Gas and Oil Shales ∰CF€H J.T. Comisky, Apache Corp., M. Santiago, B. McCollom, Poro-Labs Inc., A. Buddhala, University of Oklahoma, K.E. Newsham, Apache Corp.
CSUG/SPE 149433	Importance of Shale Anisotropy in Estimating In-Situ Stresses and Wellbore Stability Analysis in Horn River Basin AMGFG Safdar Khan, Sajjad Ansari, Hongxue Han, and Nader Khosravi, Schlumberger
CSUG/SPE 149437	Comparative Study of Multistage Cemented Liner and Openhole System Completion Technologies in the Montney Resource Play MGFI € Brad Wilson, David Lui, James Kim, SPE, Murphy Oil Company Ltd., Mike Kenyon, SPE, Matt McCaffrey, Packers Plus Energy Services
CSUG/SPE 149440	Flexible, Expanding Cement System (FECS) Successfully Provides Zonal Isolation Across Marcellus Shale Gas Trends ACFÍ I H. Williams, SPE, D. Khatri, SPE, R. Keese, SPE, S. Le Roy-Delage, SPE, J. Roye, SPE, D. Leach, SPE, P. Rottler, SPE, O. Porcherie, SPE, J. Rodriguez, SPE, Schlumberger
CSUG/SPE 149448	Reactive Thermal Reservoir Simulation: Hydrogen Sulphide Production in SAGD AMCFT H Punitkumar R. Kapadia, Jacky Wang, Michael S. Kallos, Ian D. Gates, Department of Chemical and Petroleum Engineering, Schulich School of Engineering, University of Calgary

Application of Wireline Stress Testing for SAGD Caprock Integrity ACFI I Vinay K. Mishra, SPE, Peter Lywood, SPE, and Cosan Ayan, SPE, Schlumberger

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CSUG/SPE 149459	Integrated Reservoir and Decision Modeling To Optimize Northern Barnett Shale Development Strategies ÁMGFJÎ Xinglai Gong, SPE, Duane McVay, SPE, Texas A&M University, and Eric Bickel, SPE, Luis Montiel, SPE, University of Texas at Austin
CSUG/SPE 149461	Attitudes Towards Resource Ownership in Alberta AMCOEJ David R Percy, University of Alberta
CSUG/SPE 149471	Recovery Factor and Reserves Estimation in the Bakken Petroleum System (Analysis of the Antelope, Sanish and Parshall Fields) AWWGGG P. Dechongkit and M. Prasad, Colorado School of Mines
CSUG/SPE 149472	Analyzing Variable Rate/Pressure Data in Transient Linear Flow in Unconventional Gas Reservoirs ACG F P. Liang, SPE, L. Mattar, SPE, and S. Moghadam, SPE, Fekete Associates Inc.
CSUG/SPE 149477	Investigation of Liquid Loading in Tight Gas Horizontal Wells With a Transient Multiphase Flow Simulator AGG Î Donald F.B. Jackson, SPE, SPT Group; Claudio J.J. Virués, SPE, and David Sask, SPE, Encana Corporation
CSUG/SPE 149485	SeTES: A Self-Teaching Expert System for the Analysis, Design, and Prediction of Gas Production From Unconventional Gas Resources AMCC Î George J. Moridis, SPE, Lawrence Berkeley National Laboratory, Heidi Kuzma-Anderson, East Donner Research LLC, Matthew T. Reagan, SPE, Lawrence Berkeley National Laboratory, Thomas A. Blasingame, SPE, Texas A&M University, Ralph Santos, Katie Boyle, Lawrerence Berkeley National Laboratory, Craig M. Freeman, Dilhan Ilk, SPE, Texas A&M University, Wayne Yang, Lawrence Berkeley National Laboratory, Manuel Cossio, SPE, Texas A&M University, Shrimoyee Bhattacharya and Michael Nikolaou, SPE, University of Houston
CSUG/SPE 149488	Reservoir Quality Mapping Based on IDC Analyses and Hydraulic Frac Size AGJ€ Frank Kuppe, Seven Generations Energy Ltd., and Patrick Carlson, Seven Generations Energy Ltd.
CSUG/SPE 149489	Gas Shale: From Nanometer-scale Observations to Well Modeling AGHE Dmitriy Silin, SPE, Timothy J. Kneafsey, Lawrence Berkeley National Laboratory
CSUG/SPE 149496	Integration of Seismic Data and a Triple Porosity Model for Interpretation of Tight Gas

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CSUG/SPE 149500	Benefits and Technical Challenges of Downhole Steam Generation for Enhanced Oil Recovery AGH F Anthony Castrogiovanni, SPE, ACENT Laboratories LLC; Nick Fitzpatrick, SPE, and Charles H. Ware, SPE, World Energy Systems Inc.
CSUG/SPE 149501	A Triple Porosity Model for Shale Gas Reservoirs AMGH G Hassan Dehghanpour, SPE, University of Alberta, Mahdy Shirdel, SPE, The University of Texas at Austin
CSUG/SPE 149503	Simulation of Noncondensable Gases in SAGD Steam ChambersÁGHÎ I Simon Gittins, Subodh Gupta, Maliha Zaman, Cenovus Energy
CSUG/SPE 149504	Microseismic Evaluation of Stage Isolation With a Multiple-Fracport, Openhole Completion AGH Î Î S.C. Maxwell, Z. Chen, I. Nizkous, R. Parker, Y. Rodionov and M. Jones, Schlumberger
CSUG/SPE 149508	Prediction Performance of Permeability Models in Gas Hydrate Bearing Sands ÁGH Í Mohana L. Delli and Jocelyn L.H. Grozic, University of Calgary, Alberta, Canada
CSUG/SPE 149510	Geological Characteristics and Integrated Development Plan for Giant Naturally Fractured Basement Reservoirs AWG €€ Ngoc T.B. Nguyen, SPE, Sejong University, Cuong T.Q. Dang, SPE, University of Calgary, Wisup Bae, SPE, Sejong University; Zhangxin Chen, SPE, University of Calgary, Anh L. Nguyen, Thuoc H. Phung, Phuong L. Tran, Toan N. Minh, Vietsovpetro JV
CSUG/SPE 149538	Community Engagement ##G_FÎ

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