



GOHFER[®] – SPE Paper Reference

- SPE 12273 **A Practical Numerical Simulator for Three-Dimensional Fracture Propagation in Heterogeneous Media**
Barree, R.D

STRESS & ROCK PROPERTIES

- SPE 134142 **Evidence of Strong Fracture Height Containment Based on Complex Shear Failure and Formation Anisotropy**
Barree, R.D., Conway, M.W., Gilbert, J.V., Woodroof, R. A.
- SPE 118703 **Stress and Rock Property Profiling for Unconventional Reservoir Stimulation**
Barree, R.D., Gilbert, J.V., and Conway, M.W.
- SPE 108139 **A Composite Determination of Mechanical Rock Properties for Stimulation Design (What to do When You Don't Have a Sonic Log)**
Mullen, M., Roundtree, R., Barree, R.D.
- SPE 80935 **Modeling of Fracture Height Containment in Laminated Sand and Shale Sequences**
J. L. Miskimins and R. D. Barree
- SPE 48926 **Effects of Shear Planes and Interfacial Slippage on Fracture Growth and Treating Pressures**
Barree, R.D. and Winterfeld, P.H.

PRESSURE DIAGNOSTICS

- SPE 187038 **Fracture Closure Stress: Reexamining Field and Laboratory Experiments of Fracture Closure Using Modern Interpretation Methodologies**
D.P. Craig, DFITpro.com, R.D. Barree, Barree & Assocs. LLC, N.R. Warpinski, Retired, T.A. Blasingame, Texas A&M University
- SPE 179134 **Physical Explanation of Non-Linear Derivatives in Diagnostic Fracture Injection Test Analysis**
R.D. Barree and J.L. Miskimins, Barree & Associates
- SPE 169539 **Diagnostic Fracture Injection Tests: Common Mistakes, Misfires, and Misdiagnoses**
R.D. Barree, J.L. Miskimins and J.V. Gilbert, Barree & Associates
- SPE 107877 **Holistic Fracture Diagnostics**
Barree, R.D., Barree, V.L., Craig, D.P.
- SPE 77442 **A Practical Guide to Hydraulic Fracture Diagnostic Techniques**
Barree, R.D., Fisher, M.K., and Woodroof, R.A.
- SPE 39932 **Applications of Pre-Frac Injection/Falloff Tests in Fissured Reservoirs - Field Examples**
Barree, R.D.
- SPE 36424 **Determination of Pressure Dependent Leakoff and Its Effect on Fracture Geometry**
Barree, R. D., and Mukherjee, H.

UNCONVENTIONAL RESERVOIRS

- SPE 179106 **Fiber-Optics Results from an Intra-Stage Diversion Design Completions Study in the Niobrara Formation of DJ Basin**
Muthukumarappan Ramurthy, Halliburton; Joe Richardson and Mark Brown, Bayswater Exploration & Production LLC; Neha Sahdev, Jack Wiener and Mariano Garcia, Halliburton
- SPE 179149 **A Case Study of Completion Effectiveness in the Eagle Ford Shale Using DAS/DTS Observations and Hydraulic Fracture Modeling**
B. Wheaton, K. Haustveit and W. Deeg, Devon Energy Corporation; J. Miskimins and R. Barree, Barree & Associates LLC
- SPE 173356 **Calculation and Implications of Breakdown Pressures in Directional Wellbore Stimulation**
R.D. Barree & J.L. Miskimins, Barree & Associates
- SPE 169565 **Use of Conventional Well Logs in Selective Completion Designs for Unconventional Reservoirs**
R.D. Barree, Barree & Associates, M.W. Conway, Core Laboratories, and J.L. Miskimins
- SPE 168612 **Economic Optimization of Horizontal Well Completions in Unconventional Reservoirs**
R.D. Barree, Barree & Associates, S.A. Cox, PetroEdge Energy III LLC, J.L. Miskimins, J.V. Gilbert, Barree & Associates and M.W. Conway, Core Laboratories
- SPE 168303 **Application of Integrated Advanced Diagnostics and Modeling to Improve Hydraulic Fracture Stimulation Analysis and Optimization**
Gustavo A. Ugueto, SPE, Michael Ehiwario, SPE, Abram Grae, SPE, Shell Exploration and Production Company Mathieu Molenaar, SPE, Shell Canada LTD, Kelly McCoy, SPE, Paul Huckabee, SPE, Shell Exploration and Production Company and Bob Barree, SPE, Barree & Associates LLC.
- SPE 167038 **Effects of High Pressure-Dependent Leakoff (PDL) and High Process Zoned Stress (PZS) on Stimulation Treatments and Production**
Muthukumarappan Ramurthy, Halliburton: Brian F. Fowler and H. Gordon Harris, University of Wyoming: Robert D. Barree, Barree & Associates
- SPE 151931 **Integrating Geology, Hydraulic Fracturing Modeling, and Reservoir Simulation in the Evaluation of Complex Fluvial Tight Gas Reservoirs**
K.M. Ramirez, P.H. Cuba, J.L. Miskimins, D.S. Anderson, and M.M.Carr.
- SPE 140413 **Impacts of Diverse Fluvial Depositional Environments on Hydraulic Fracture Growth in Tight Gas Reservoirs**
SPE Production & Operations Journal, February 2013 P.H. Cuba, J.L. Miskimins, D.S. Anderson, and M.M.Carr.
- SPE 134490 **A Comparison of Hydraulic-Fracture Modeling With Downhole and Surface Microseismic Data in a Stacked Fluvial Pay System**
SPE Production & Operations
- SPE 114171 **Unconventional Resource Play Evaluation: A Look at the Bakken Shale Play of North Dakota**
Cox, S.A., Cook, D.M, Dunek, K., Daniels, R., Jump, C. & Barree, B.
- SPE 107971 **Effects of High Pressure Dependent Leakoff and High Process Zone Stress in Coal Stimulation Treatments**
Ramurthy, M., Lyons, W., Hendrickson, R.B. Barree, R.D. Magill, D.P.
- SPE 106269 **Development of a Methodology for Hydraulic Fracturing Models in Tight, Massively Stacked, Lenticular Reservoirs**
Green, C.A., Barree, R.D., Miskimins, J.L.

CONDUCTIVITY & PRODUCTION

- SPE 194355 **The Limits of Fluid Flow in Propped Fractures- the Disparity between Effective Flowing and Created Fracture Lengths**
R.D. Barree, Barree & Associates LLC; R.J. Duenckel and B.T. Hlidek, Stimlab Inc.
- SPE 187451 **Proppants- What 30 Years of Study has Taught Us**
R.J. Duenckel, Stim-Lab; R.D. Barree, Barree & Assocs. LLC; S. Drylie, L.G. O'Connell, K.L. Abney, Stim-Lab; M.W. Conway, Consultant; N. Moore, F. Chen, Stim-Lab
- SPE 179135 **Generic Correlations for Proppant Pack Conductivity**
R.D. Barree and J.L. Miskimins, Barree & Associates LLC; M.W. Conway and R. Duenckel, Stimlab Inc.
- SPE 123342 **Production Analysis of Multiply Fractured Horizontal Wells**
J.V. Gilbert & R.D. Barree, Barree & Associates LLC
- SPE 111285 **Evaluation of the Effect of Complex Reservoir Geometries and Completion Practices on Production Analysis**
Cox, S. A., Sutton, R. P., Stoltz, R. P., Barree, R. D. and Conway, M. W.
- SPE 109561 **Multiphase Non-Darcy Flow in Proppant Packs**
R.D. Barree, Barree & Associates LLC and M.W. Conway, Stim-Lab, Inc.
- SPE 89325 **Beyond Beta Factors: A Complete Model for Forchheimer and Trans-Forchheimer Flow in Porous Media**
R.D. Barree, and M.W. Conway
- SPE 84491 **Closing the Gap: Fracture Half Length from Design, Buildup, and Production Analysis**
R.D. Barree, S. A. Cox, J. V. Gilbert, and M. Dobson
- SPE 84306 **Realistic Assessment of Proppant Pack Conductivity for Material Selection**
R.D. Barree, S. A. Cox, V. L. Barree, and M.W. Conway

RE-FRACTURING

- SPE 173333 **Refracturing on Horizontal Wells in the Eagle Ford Shale in South Texas – One Operator's Perspective**
Mamadou Diakhate & Ayman Gazawi, Pioneer Natural Resources; Bob Barree, Barree & Associates; Manuel Cossio, Beau Tinnin, Beth McDonald, Gervasio Barzola, Pioneer Natural Resources
- SPE 30481 **Effect of Pressure Depletion on Fracture Geometry Evolution and Production Performance**
Hemanta Mukherjee and Bobby Poe, SPE, Dowell, a Division of Schlumberger Technology Corporation; Harmon Heidt, SPE, Amoco Production Company; Ty Watson, SPE, Dowell, a Division of Schlumberger Technology Corporation; and R.D. Barree, SPE, Marathon Oil Company

FRACTURING FLUIDS

- SPE 106085 **Selection of Stimulation Fluids and Treatment Design for Low Permeability Reservoirs**
Conway, M.W., Lindeman, S.W., and Barree, R.D.
- SPE 73755 **Zero Shear Viscosity Determination of Fracturing Fluids: An Essential Parameter in Proppant Transport Characterizations**
Asadi, M., Conway, M.W., Barree, R.D

LEAKOFF

- SPE 107971 **Effects of High Pressure Dependent Leakoff and High Process Zone Stress in Coal Stimulation Treatments**
Ramurthy, M., Lyons, W., Hendrickson, R.B. Barree, R.D. Magill, D.P.
- SPE 60291 **Adapting High Permeability Leakoff Analysis to Low Permeability Sands for Estimating Reservoir Engineering Parameters**
Craig, D.P., Eberhard, M.J., and Barree, R.D.
- SPE 56597 **Incorporating Crossflow and Spurt-Loss Effects in Filtration Modeling Within a Fully 3D Fracture Growth Simulator**
McGowen, J.M., Barree, R.D. and Conway, M.W.
- SPE 36493 **Fracturing-Fluid Leakoff Under Dynamic Conditions
Part 2: Effect of Shear Rate, Permeability and Pressure**
S. Vitthal, SPE, and J.M. McGowen, SPE, Halliburton Energy Services
- SPE 36492 **Fracturing Fluid Leakoff Under Dynamic Conditions
Part 1: Development of a Realistic Laboratory testing Procedure**
J.M. McGowen, SPE, and S. Vitthal, SPE, Halliburton Energy Services
- SPE 36424 **Determination of Pressure Dependent Leakoff and Its Effect on Fracture Geometry**
Barree, R.D. and Mukherjee, H.

PROPPANT TRANSPORT

- SPE 67298 **Proppant Holdup, Bridging, and Screenout Behavior in Naturally Fractured Reservoirs**
Barree, R.D. and Conway, M.W.
- SPE 28564 **Experimental and Numerical Modeling of Convective Proppant Transport**
Barree, R.D. and Conway, M.W.
- SPE 18955 **A New Look at Fracture Tip Screenout Behavior**
Barree, R.D.

FRICTION

- SPE 122917 **An Effective Model for Pipe Friction Estimation in Hydraulic Fracturing Treatments**
R.D. Barree and J.V. Gilbert, Barree & Associates, and M.W. Conway, Stim-Lab, Inc.