

Conference Papers

STEPHEN A. HOLDITCH

Papers at Conferences where the abstracts are peer reviewed:

Holditch, Stephen A.: “Stimulation of Tight Gas Reservoirs Worldwide”, OTC 20267-PP presented at the Offshore Technology Conference in Houston, TX, 4-7 May 2009.

Wang, John Yilin, Holditch, Stephen A., and McVay, Duane A.: “Modeling Fracture Fluid Cleanup in Tight Gas Wells”, SPE 119624 presented at the SPE Hydraulic Fracturing Technology Conference in The Woodlands, TX, 19-21 January 2009.

Marongiu-Porcu, M., Economides, M.J., and Holditch, S.A.: “Economic and Physical Optimization of Hydraulic Fracturing”, SPE 111793 presented at the 2008 SPE International Symposium and Exhibition on Formation Damage Control in Lafayette, LA, 13-15 February 2008.

Holditch, S. A. and Bogatchev, K. Y.: “Developing Tight Gas Sand Advisor for Completion and Stimulation in Tight Gas Sand Reservoirs Worldwide”, SPE 114195 presented at the CIPC/SPE Gas Technology Conference in Calgary, Canada, 16-19 June 2007.

Old, Sara, Holditch, S. A., Ayers, W. B. and McVay, D.A.: “PRISE: Petroleum Resource Investigation Summary and Evaluation”, SPE 117703 presented at the SPE Eastern Regional Meeting in Pittsburgh, PA, 11-15 October 2008

Wang, Yilin, Holditch, Stephen A. and McVay, Duane A.: “Simulation of Gel Damage on Fracture Fluid Cleanup and Long Term Recovery in Tight Gas Reservoirs”, SPE 117444 presented at the SPE Eastern Regional Meeting in Pittsburgh, PA, 11-15 October 2008

Grover, Tarun, Moridis, George, and Holditch, Stephen A.: “Analysis of Reservoir Performance of the Messoyakha Gas Hydrate Reservoir”, SPE 114375, presented at the 2008 SPE Annual Technical Conference and Exhibition in Denver, Colorado, 21-24 September 2008

- Grover, Tarun, Moridis, George, and Holditch, Stephen A.: "Analysis of Reservoir Performance of Messoyakha Gas Hydrate Field", ISOPE-2008-TPC-622, presented at The Eighteenth International Offshore and Polar Engineering Conference, Vancouver, July 6–11, 2008
- Holditch, S. A. and Bogatchev, K. Y.: "Developing Tight Gas Sand Advisor for Completion and Stimulation in Tight Gas Sand Reservoirs Worldwide", SPE 114195 presented at the SPE Gas Technology Symposium in Calgary, Canada, 16-19 June 2008
- Singh, Kalwant, Holditch, Stephen A. and Ayers, Water B: "Basin Analog Investigations Answer Characterization Challenges of Unconventional Gas Potential in Frontier Basins", OMAE2007-29688 presented at the 26th International Conference on Offshore Mechanics and Arctic Engineering, in San Diego, California, June 10-15, 2007.
- Hongjie Xiong and Holditch, Stephen A.: "Will Blossom of Unconventional Natural Gas Development in North America Repeat in China?", paper 103775 presentation at the 2006 SPE International Oil & Gas Conference and Exhibition in China held in Beijing, China, 5–7 December 2006.
- Holditch, S. A. and Tshirhart, Nick: "Optimal Stimulation Treatments in Tight Gas Sands", SPE 96104 to be presented at the SPE ATCE in Dallas, Texas in October 2005
- Wang, Z and Holditch, S.A.: "A Comprehensive Parametric Simulation Study of the Mechanisms of a Gas Storage Aquifer", Paper 2005-009 to be presented at the Petroleum Society's 6th Canadian International Petroleum Conference (56th Annual Technical Meeting), Calgary, Alberta, Canada, June 7 – 9, 2005.
- Wang, Z and Holditch, S.A.: "A Correlation Analysis of the Effects of the Primary Reservoir Parameters on Aquifer Gas Storage Performance", Paper 2005-010 to be presented at the Petroleum Society's 6th Canadian International Petroleum Conference (56th Annual Technical Meeting), Calgary, Alberta, Canada, June 7 – 9, 2005.
- Makogon Y.F., Holditch S.A., Perry K., Holste J.C.: "Gas solubility in water and formation of Gas Hydrate Deposits", OTC 2004,
- Alvarez, C.H./Holditch, S.A./McVay, D.A.: "Effects of non-Darcy Flow on Pressure Transient Analysis of Hydraulically Fractured Gas Wells", SPE 77468 presented at the 2002 SPE Annual Technical Conference and Exhibition, San Antonio, 29 September-2 October.
- Makogon, Y.R./Holditch, S. A.: "Gas Hydrates as a Resource and a Mechanism for Transmission", SPE 77334 presented at the 2002 SPE Annual Technical Conference and Exhibition, San Antonio, 29 September-2 October.
- Makogon Y.F., Holditch S.A., Holste J.C., Makogon T.Y.: "Aspects of Gas Hydrate Kinetics", IV International Gas Hydrate Conference, Japan, 2002
- Aly, A.M., El-Banbi, A.H., and Holditch, S.A.: "Optimization of Gas Condensate Reservoir Development by Coupling Reservoir Modeling and Hydraulic Fracturing Design," paper

- SPE 68175 to be presented at the 2001 SPE MEOS Middle East Oil Show and Conference, Bahrain, Mar. 17-20.
- Al-Ajimi, F.A. and Holditch, S.A.: "NMR Permeability Calibration Using A Non-Parametric Algorithm and Data From A Formation In Central Arabia," paper SPE 68112 presented at the 2001 SPE MEOS Middle East Oil Show and Conference, 17-20 March.
- Makogon, Y., Holditch, S.A., and Diyashev, I.R.: "Solubility of Natural Gases in Water and its Role in Formation of Gas-Hydrate Deposits," paper EPP-19 presented at the 2001 International Gas Research Conference, Amsterdam, The Netherlands, 5-8 November.
- Makogon, Y.E. and Holditch, S.A.: Hydrate Formation From CO₂ and Sea Water," paper OTC 13035 presented at the 2001 Offshore Technology Conference, Houston, TX, 30 April-3 May.
- Makogon Y.F., Holditch S.A., Lee S.: "Natural Gas Solubility and Gas Hydrate Deposits Formation", International Gas Research Conference, Amsterdam, 2001
- Makogon Y.F., Holditch S.A.: "Natural Gas Hydrate-Present and Future", CODATA Conference, presented in Milan, Italy, October, 2000
- Al-Ajimi, F.A. and Holditch, S.A.: "Permeability Estimating Using Hydraulic Flow Units in a Central Arabia Reservoir," paper SPE 63254 to be presented at the 2000 SPE Annual Technical Conference and Exhibition, Dallas, Oct. 1-4.
- Makogon Y.F., Makogon T.Y., Holditch S.A.: "Gas Hydrate Formation and Dissociation with Thermodynamic and Kinetic Inhibitors", SPE 56568 presented at the 1999 ATCE in Houston, October 3-6.
- Soto, B.R. and Holditch S.A.: "Development of Reservoir Characterization Models Using Core, Well Log, and 3D Seismic Data and Intelligent Software," paper 57457 presented at the 1999 SPE Eastern Regional Conference and Exhibition, Charleston, WV, Oct. 20-22.
- Makogon, Y.F., Makogon, T.Y., and Holditch, S.A.: "Several Aspects of the Kinetics and Morphology of Gas Hydrates," presented at the 1998 JNOC International Symposium on Methane Hydrates Resources in the Near Future, Chiba City, Japan, Oct. 20-28.
- Makogon, Y. F., Holditch, S. A., Dunlap, W. A. and Holste, J. C.: "Natural Gas Hydrates – Present and Future," Paper OTC 8685 presented at the 1998 Offshore Technology Conference, Houston, TX, May 4-7.
- Davies, John P. and Holditch, S. A.: "Stress Dependent Permeability in Low Permeability Gas Reservoirs: Travis Peak Formation, East Texas," paper SPE 39917 presented at the 1998 SPE Rocky Mountain Regional/Low-Permeability Reservoirs Symposium and Exhibition, Denver, CO, Apr. 5-8.
- Davies, J. P., Davies, D. K., and Holditch, S. A.: "Improved Evaluation and Reservoir Management of Low Permeability, Gulf Coast Reservoirs: Significance of Stress Dependent Permeability," paper SPE 39873 presented at the 1998 SPE International Petroleum Conference and Exhibition of Mexico, Villahermosa, Mexico, March 3-5.
- Makogon Y.F., Makogon T.Y., Holditch S.A., Dunlap W.A.: "Kinetics and Morphology of Methane Hydrate", International Gas Research Conference in San Diego, 1998
- Makogon Y.F., Holste J.C., Holditch S.A.: "Implications of Natural Gas Hydrates Deposits for Global Changes", International Gas Research Conference in San Diego, 1998

- Makogon Y. F., Dunlap, W. A., and Holditch, S. A.: "Recent Research on Properties Of Gas Hydrates," paper OTC 8299, presented at the 1997 Offshore Technology Conference, Houston, TX, May 5-8.
- Makogon Y. F., Dunlap, W. A., and Holditch, S. A.: "Recent Research on Properties Of Gas Hydrates," paper OTC 8299, presented at the 1997 Offshore Technology Conference, Houston, TX, May 5-8.
- Holditch, S. A.: "Methodologies for Evaluating and Computing Non-Conventional Reserves," presented at the Insight Conference Evaluating And Exploiting Non-Conventional Gas Resources, Houston, November 18-19, 1996.
- Holditch, S. A.: "Hydraulic Fracture Treatment Design and Execution," presented at the 13th Petroleum Conference, Cairo, Egypt, October 21-24, 1996.
- Xiong, H., Davidson, B. M., Saunders, B. F., and Holditch, S. A.: "A Comprehensive Approach to Select Fracturing Fluids and Additives for Fracture Treatments," SPE 36603 presented at the 1996 SPE Annual Technical Conference and Exhibition, Denver, October 6-9.
- Xiong, H., Rahim, Z., Holditch, S. A., and Lancaster, D. E.: "A New Approach to Develop Petroleum Engineering Software;" paper SPE 36000 presented at the 1996 SPE Petroleum Computer Conference, Dallas, June 2-5.
- Holditch, S. A.: "Estimating Reserves for the Nonconventional Gas Resource Base," presented at the Insight Inc. Reserves Estimates & Production Forecasting Conference, Houston, TX, Feb. 29-March 1, 1996.
- Fan, Y. and Holditch, S. A.: "Effects of Wall Slip and Shear-Induced Transition on the Viscosity Measurements of Crosslinked Fracturing Fluids," paper SPE 30987 presented at the 1995 Eastern Regional Meeting, Morgantown, WV, September 17-21.
- Semmelbeck, M.E., Dewan, J. T. and Holditch, S. A.: "Invasion-Based Method for Estimating Permeability from Logs," paper SPE 30581 presented at the 1995 SPE Annual Technical Conference and Exhibition, Dallas, TX, Oct. 22-25.
- Fan, Y. and Holditch, S. A.: "Effects of Wall Slip and Shear-Induced Transition on the Viscosity Measurements of Crosslinked Fracturing Fluids," paper SPE 30987 presented at the 1995 SPE Eastern Regional Meeting, Morgantown, WV, Sept. 17-21.
- Rahim, Z., Holditch, S. A., and Davidson, B. M.: "Quantitative Analysis of Production Loss Due to Fracture Fluid Degradation," paper SPE 29590 presented at the 1995 SPE Joint Rocky Mountain Regional Meeting/Low Permeability Reservoir Symposium, Denver, March 19-22.
- Xiong, H. and Holditch, S. A.: "A Comprehensive Approach to Formation Damage Diagnosis and Corresponding Stimulation Type and Fluid Selection," paper SPE 29531 presented at the 1995 SPE Production Operations Symposium, Oklahoma City, OK, April 2-4.
- Rueda, J. I., Rahim, Z., and Holditch, S. A.: "Using a Mixed Integer Linear Programming Technique to Optimize a Fracture Treatment Design," paper SPE 29184 presented at the 1994 SPE Eastern Regional Meeting, Charleston, WV, Nov. 8-10.
- Rueda, J. I., Rahim, Z., and Holditch, S. A.: "Development and Testing of a Semi-Analytical Hydraulic Fracture Model for Multi-Stress Media," paper SPE 27941 presented at the 1994 SPE Mid-Continent Gas Symposium, Amarillo, TX, May 22-24.

- Rueda, J. I., Rahim, Z., and Holditch, S. A.: "A Semi-Analytical Solution to Three-Dimensional Hydraulic Fracture Propagation in Multi-Stress Media," paper SPE 27711 presented at the 1994 SPE Permian Basin Oil & Gas Recovery Conference, Midland, TX, March 16-18.
- Davidson, B. M., Saunders, B. F., and Holditch, S. A.: "Field Measurement of Hydraulic Fracture Fluids: Study," paper SPE 27694 presented at the 1994 SPE Permian Basin Oil & Gas Recovery Conference, Midland, TX, March 16-18.
- Yao, C. Y. and Holditch, S. A.: "Estimating Permeability Profiles Using Core and Log Data," paper SPE 26921 presented at the 1993 SPE Eastern Regional Meeting, Pittsburgh, PA, Nov. 2-4.
- Yong, F. and Holditch, S. A.: "Viscous and Degradation Properties of Crosslinked HPG gels - Some Laboratory Observations," paper SPE 26941 presented at the 1993 SPE Eastern Regional Meeting, Pittsburgh, PA, Nov. 2-4.
- Rahim, Z. and Holditch, S. A.: "Using a Three-Dimensional Concept in a Two-Dimensional Model to Predict Accurate Hydraulic Fracture Dimensions," paper SPE 26926 presented at the 1993 SPE Eastern Regional Meeting, Pittsburgh, PA, Nov. 2-4.
- Holditch, S. A., Holcomb, D., and Rahim, Z.: "Using Tracers to Evaluate Propped Fracture Width," paper SPE 26922 presented at the 1993 SPE Eastern Regional Meeting, Pittsburgh, PA, Nov. 2-4.
- Yong, F. and Holditch, S. A.: "Testing Crosslinked Fluids on the Fann 50 Viscometer Using the Volumetric Average Shear Rate," paper SPE 26895 presented at the 1993 SPE Eastern Regional Meeting, Pittsburgh, PA, Nov. 2-4.
- Holditch, S. A., Jennings, J. W., Elbert, B., Capps, K. S., and Sherry, K. J.: "A Comprehensive Approach to Rod Pump Design and Evaluation," paper SVIP 037 presented at the 10th Petroleum Technical Conference, Puerto La Cruz, Venezuela, Oct. 20-23, 1993, sponsored by Sociedad Venezolana de Ingenieros de Petroleo (S.V.I.D.).
- Xiong, H., Holditch, S. A., and Lancaster, D. E.: "A Fuzzy Evaluator for Selecting the Optimal Stimulation Treatment Type," presented at the 10th Petroleum Technical Conference, Puerto La Cruz, Venezuela, Oct. 20-23, 1993, sponsored by Sociedad Venezolana de Ingenieros de Petroleo (S.V.I.D.).
- Ning, X., Fan, J., Holditch, S. A., and Lee, W. J.: "Property Measurement in Naturally Fractured Devonian Shale Cores Using a New Pressure Pulse Method," paper No. 9301 presented at the 1993 SCA Technical Conference, League City, TX, Aug. 9-11.
- Xiong, H., Holditch, S. A., and Rahim, Z.: "Using a Fuzzy Expert System to Choose Target Wells and Target Formations for Stimulation," paper presented at the 1993 Conference on Artificial Intelligence in Petroleum Exploration and Production held in Plano, TX, May 19-21.
- Xiong, H., Holditch, S. A., and Rahim, Z.: "An Expert System to Select the Injection Method and Evaluate Tubular Conditions for a Stimulation Treatment," paper presented at the 1993 Conference on Artificial Intelligence in Petroleum Exploration and Production held in Plano, TX, May 19-21.

- Holditch, S. A., Xiong, H., Rueda, J., and Rahim, Z.: "Using an Expert System to Select the Optimal Fracturing Fluid and Treatment Volume," paper SPE 26188 presented at the 1993 SPE Gas Technology Symposium, Calgary, Alberta, June 28-30.
- Davidson, B. M., Saunders, B. F., Robinson, B. M., and Holditch, S. A.: "Analysis of Abnormally High Treating Pressures Caused by Complex Fracture Growth," paper SPE 26154 presented at the 1993 SPE Gas Technology Symposium, Calgary, Alberta, June 28-30.
- Ning, X., Fan, J., Holditch, S. A., and Lee, W. J.: "The Measurement of Matrix and Fracture Properties in Naturally Fractured Cores," SPE paper 25898 presented at the 1993 SPE Joint Rocky Mountain Regional and Low Permeability Reservoirs Symposium, Denver, April 12-14.
- Yao, C. Y. and Holditch, S. A.: "Reservoir Permeability Estimation From Time-Lapse Log Data," SPE 25513 presented at the 1993 Production Operations Symposium, Oklahoma, OK, March 21-23.
- Poe Jr., B. D., Dube, H. G., and Holditch, S. A.: "An Efficient Semi-Analytic Reservoir Model for Complex Reservoirs," SPE paper 25455 submitted as alternate paper for presentation at the 1993 SPE Production Operations Symposium, Oklahoma City, OK, March 21-23.
- Saunders, B. F., Robinson, B. M., and Holditch, S. A.: "Hydraulic Fracturing Research in the Frontier Formation Through the Gas Research Institute's Fourth Staged Field Experiment," paper SPE 24854 presented at the 1992 SPE Annual Technical Conference and Exhibition, Washington, D.C., Oct. 4-7.
- Soto B., R. and Holditch, S. A.: "Development of an Expert System to Select the Appropriate Fracture Treatment Design Model," presented at the 1992 Conference on Artificial Intelligence in Petroleum Exploration & Production, Houston, TX, July 22-24.
- Robinson, B. M. and Holditch, S. A.: "The Gas Research Institute's Staged Field Experiment Project," presented at the 1992 International Gas Research Conference, Orlando, Nov. 16-19.
- Holditch, S. A., Dewan, J. T., Chenevert, M. and Yao, Caiyin: "Evaluation of Mud Filtrate Invasion During Drilling in Medium Permeability Gas Reservoirs," presented at the 1992 International Gas Research Conference, Orlando, FL, Nov. 16-19.
- Craig, D. P., Fan, Young, and Holditch, S. A.: "Viscous Property Measurement of Delayed Titanate Crosslinked Gels Containing Oxidative Breakers," SPE 24340 presented at the 1992 SPE Rocky Mountain Meeting, Casper, Wyoming, May 18-21.
- Rahim, Zillur and Holditch, S. A.: "The Effects of Mechanical Properties and Selection of Completion Interval Upon the Created and Propped Fracture Dimensions in Layered Reservoirs," SPE 24349 presented at the 1992 SPE Rocky Mountain Regional Meeting, Casper, Wyoming, May 18-21.
- Craig, D. and Holditch, S. A.: "The Degradation of Hydroxypropyl Guar Fracturing Fluids by Enzyme, Oxidative, and Catalyzed Oxidative Breakers," paper presented at the 1992 Southwestern Petroleum Short Course, Lubbock, TX, April 22-23.
- Robinson, B. M., Syfan Jr., F. E., and Holditch, S. A.: "Gas Research Institute Hydraulic Fracture Test Site," SPE 23984 presented at the 1992 SPE Permian Basin Oil & Gas Recovery Conference, Midland, TX, March 18-20.

- Peterson, S. K. and Holditch, S. A.: "Applications and Economics of Horizontal Wells for Stimulating Low-Permeability Gas Reservoirs," SPE 23445 presented at the SPE Eastern Regional Meeting, Lexington, KY (Oct. 22-25, 1991).
- Xiong, H. and Holditch, S. A.: "Stimulation Expert," paper presented at the 1991 Conference on Artificial Intelligence and Expert Systems in Petroleum Exploration and Production, Texas A&M University, College Station, Texas (May 16-18, 1991).
- Holditch, S. A., Lin, Z. S., and Spivey, J. P.: "Estimating the Recovery From an Average Well in a Tight Gas Formation," SPE 21500 presented at the 1991 Gas Technology Symposium in Houston, TX (Jan. 22-24, 1991).
- Sherman, J. B. and Holditch, S. A.: "Effect of Injected Fracture Fluids and Operating Procedures on Ultimate Gas Recovery," SPE 21496 presented at the 1991 Gas Technology Symposium in Houston, TX (Jan. 22-24, 1991).
- Robinson, B. M., Holditch, S. A., and Peterson, R. E.: "The Gas Research Institute's Second Staged Field Experiment: A Study of Hydraulic Fracturing," SPE 21495 presented at the 1991 Gas Technology Symposium in Houston, TX (Jan. 22-24, 1991).
- Holditch, S. A., Whitehead, W. S., and Rahim, Z.: "Using In-Situ Stress and Permeability Thickness Profiles to Design the Well Completion," SPE 21493 presented at the 1991 Gas Technology Symposium in Houston, TX (Jan. 22-24, 1991).
- Ely, J. W., Arnold, W. T., and Holditch, S. A.: "New Techniques and Quality Control Find Success in Enhancing Productivity and Minimizing Proppant Flowback," SPE 20708 presented at the 65th Annual Conference and Exhibition, New Orleans, LA (Sept. 23-26, 1990).
- Montgomery, K. T., Holditch, S. A., and Berthelot, J. M.: "Effects of Fracture Fluid Invasion on Cleanup Behavior and Pressure Buildup Analysis," SPE 20643 presented at the 65th Annual Technical Conference and Exhibition, New Orleans, LA (Sept. 23-26, 1990).
- Ning, X. and Holditch, S. A.: "The Measurement of Gas Relative Permeability for Low Permeability Cores Using a Pressure Transient Method," SCA paper 9013 presented at the 4th Annual SCA Technical Conference, Dallas, TX (Aug. 15-16, 1990).
- Ely, J. W., Wolters, B. C., and Holditch, S. A.: "Improved Job Execution and Stimulation Success Using Intense Quality Control," paper presented at the 37th Annual Southwestern Petroleum Short Course, Lubbock, TX (April 18-19, 1990).
- Holditch, S. A. and Peterson, S. K.: "The Effects of Skin Damage Upon the Productivity of a Well Containing a Horizontal Borehole," SPE 19415 presented at the Ninth SPE Symposium on Formation Damage Control in Lafayette, LA (Feb. 22-23, 1990).
- Rollins, J. B., Holditch, S. A., and Lee, W. J.: "Characterizing Average Permeability in Oil and Gas Formations," SPE 19793 presented at the 64th Annual Fall Meeting in San Antonio, TX (Oct. 8-11, 1989).
- Holditch, S. A. and Blakeley, D.: "Flow Characteristics of Hydraulic Fracture Proppants Subjected to Repeated Production Cycles," SPE 19091 presented at the 1989 Gas Technology Symposium in Dallas, Texas, June 7-9, 1989.
- Holditch, S. A., Ely, J. W., and Carter, R. H.: "Development of a Coal Seam Fracture Design Manual," paper 8976 presented at the 1989 Coalbed Methane Symposium in Tuscaloosa, AL (Apr. 17-20, 1989).

- Worlow, D. W. and Holditch, S. A.: "Rheologic Measurements of a Crosslinked Fracture Fluid Under Conditions Expected During a Fracture Treatment," SPE 18970 presented at the SPE Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium and Exhibition in Denver, CO (March 6-8, 1989).
- Pursell, D. A., Holditch, S. A., and Blakeley, D.: "Laboratory Investigations of Inertial Flow in High Strength Fracture Proppants," SPE 18319 presented at the 63rd Annual Fall Meeting in Houston, TX (Oct. 2-5, 1988).
- Narahara, G. M., Holditch, S. A., and Moore, K. R.: "A New Method for the Measurement of Gas Relative Permeability and Water Saturation Simultaneously in Low Permeability Cores," SPE 18318 presented at the 63rd Annual Fall Meeting in Houston, TX (Oct. 2-5, 1988).
- Holditch, S. A., Ely, J. W., Semmelbeck, M. E., Carter, R. H., Hinkel, J. J., and Jeffrey, R. G.: "Enhanced Recovery of Coalbed Methane Through Hydraulic Fracturing," SPE 18250 presented at the 63rd Annual Fall Meeting in Houston, TX (Oct. 2-5, 1988). Also presented at the 1989 SPE Joint Rocky Mountain Regional/Low Permeability Reservoirs Symposium in Denver, CO (Mar. 6-8, 1989).
- Holditch, S. A., Robinson, B. M., Ely, J. W., and Rahim, Zillur: "The Effect of Viscous Fluid Properties on Excess Friction Pressures Measured During Hydraulic Fracture Treatments," SPE 18208 presented at the 63rd Annual Fall Meeting in Houston, TX (Oct. 2-5, 1988).
- Whitehead, W. S., Gatens III, J. M. and Holditch, S. A.: "Determination of In-Situ Stress Profiles Through Hydraulic Fracturing Measurements in Two Distinct Geologic Areas," paper presented at 2nd International Workshop on Hydraulic Fracturing Stress Measurements in Minneapolis, MN (June 15-18, 1988).
- Narahara, G. M. and Holditch, S. A.: "Improved Rock Property Measurements Using Core From the Travis Peak Formation," SPE 17730 presented at the 1988 Gas Technology Symposium in Dallas, Texas (June 13-15, 1988).
- Ely, J. W., Haskett, S. E., and Holditch, S. A.: "Field Experience With the GRI Rheology Unit," SPE 17715 presented at the 1988 Gas Technology Symposium in Dallas, TX (June 13-15, 1988).
- Ely, J. W., Haskett, S. E., and Holditch, S. A.: "Field Measurement of Fracture Fluid Viscosity at In-Situ Conditions of Temperature and Shear," SPE 16915 presented at the 62nd Annual Fall Meeting in Dallas, TX (Sept. 27-30, 1987).
- Holditch, S. A., Robinson, B. M., and Whitehead, W. S.: "The Analysis of Complex Travis Peak Reservoirs in East Texas," SPE 16427 presented at the 1987 Low Permeability Reservoir Symposium in Denver, CO (May 18-19, 1987).
- Whitehead, W. S., Hunt, E. R., and Holditch, S. A.: "The Effects of Lithology and Reservoir Pressure on the In-Situ Stresses in the Waskom (Travis Peak) Field," SPE 16403 presented at the 1987 Low Permeability Reservoir Symposium in Denver, CO (May 18-19, 1987).
- Sullivan, R. B., Lee, W. J., and Holditch, S. A.: "Pressure Transient Response in Multilayer Gas Reservoirs Containing Hydraulic Fractures," SPE 16399 presented at the 1987 Low Permeability Reservoir Symposium in Denver, CO (May 18-19, 1987).

- Whitehead, W. S., Hunt, E., Finley, R. J., and Holditch, S. A.: "In-Situ Stress: A Comparison Between Log Derived Values and Actual Field Measured Values in the Travis Peak formation of East Texas and Northeast Louisiana," SPE 15209 presented at the 1986 East Texas Regional Meeting in Tyler, Texas (April 21-22, 1986). SPE 15209 was also presented at the 1986 Unconventional Gas Technology Symposium in Louisville, KY (May 19-21, 1986).
- Peterson, S. K. and Holditch, S. A.: "Analysis of Factors Affecting Drillstem Tests in Low-Permeability Reservoirs," SPE 14501 presented at the 1985 Eastern Regional Meeting in Morgantown, WV (Nov. 6-8, 1985).
- Lee, W. J., Kuo, T. B., Holditch, S. A., and McVay, D. A.: "Estimating Formation Permeability From Single-Point Flow Data," SPE 12847 presented at the 1984 Unconventional Gas Recovery Symposium in Pittsburgh, PA, May 13-15, 1984.
- Holditch, S. A., Gatens III, J. M., McVay, D. A., and Lancaster, D. E.: "An Automated Method of Matching Production Performance Using Dimensionless Solutions," SPE 12846 presented at the 1984 Unconventional Gas Recovery Symposium in Pittsburgh, PA, May 13-16, 1984.
- Lee, W. J., Retna, T., Holditch, S. A. and Whitehead, W. S.: "Analyzing Gas Well Buildup Tests With Changing Wellbore Storage in Tight Gas Formations," SPE 12845 presented at the 1984 Unconventional Gas Recovery Symposium in Pittsburgh, PA, May 13-15, 1984.
- Wilson, M. J., Holditch, S. A., and Darby, R.: "Factors Affecting Laboratory Measurements of Cross-Linked Fracture Fluids," presented at the Summer National Meeting of AIChE, Denver, CO (Aug. 28-31, 1983) Group 16, Fuels and Petrochemicals Division.
- Holditch, S. A., Jennings, James W., Neuse, Stephen H. and Wyman, Richard D.: "The Optimization of Well Spacing and Fracture Length in Low Permeability Gas Reservoirs," SPE paper 7496 presented at the 53rd Annual Fall Meeting of the SPE in Houston, Texas, Oct. 1-3, 1978.
- Holditch, S. A., and Laufer, Wayne L.: "The Analysis of Fractured Gas Wells Using Reservoir Simulation," SPE paper 7473 presented at the 53rd Annual Fall Meeting of the SPE in Houston, Texas, Oct. 1-3, 1978.
- Holditch, S. A.: "Well Test Analysis Techniques in Hydraulically Fractured Formations," paper presented at the ANS Topical Meeting in Denver, CO, March 1977.
- Holditch, S. A. and Plummer, Ray A.: "The Design of Stable Foam Fracturing Treatments," paper presented at the 23rd Annual Petroleum Short Course in Lubbock, Texas, April 1976.