Authored and co-authored by Schlumberger

SPWLA Annual Logging Symposium: 1993-2000

- High-Resolution Bound-Fluid and Total Porosity with Fast NMR logging; (2000 SPWLA, paper V) N. Heaton, C. Coa Minh, R Freedman and C. Flaum (Schlumberger)
- Distinguishing Reservoir Flow Units Using NMR High-Resolution Permeability Computation: The Obigbo North-10ST Exemple; (2000 SPWLA, paper BB) M. Esho, R. Simon (SPDC), L. Onuigbo (Schlumberger).
- Saturation Estimations from Magnetic Resonance Measurements in Carbonates; (2000 SPWLA, paper HHH) C. Flaum, U. Guru, S. Banerjee (Schlumberger)
- An Improved NMR Tool Design for Faster Logging; (1999 SPWLA, paper CC) D. McKeon, C. Minh, R. Freedman, R. Harris, D. Wills, D. Davies, G. Gubelin, R. Oldigs, M. Hurlimann (Schlumberger)
- Combining NMR and Formation Tester Data for Optimum Hydrocarbon Typing, Permeability and Productivity Estimation; (1999 SPWLA, paper GG) C. Castelijns, R. Badry, E. Decoster, C. Hyde (Schlumberger)
- Using NMR and Electrical Logs for Enhanced Evaluation of Productivity and Hydrocarbon Reserves in Gas Reservoirs with High Irreducible Water Saturation; (1999 SPWLA, paper HH) S. Hussein, S. Hassan, (Petrobel); T. Klimentos, A. Boyd, A. Zeid, (Schlumberger)
- An NMR High-Resolution Permeability Indicator; (1999 SPWLA, paper NNN) A. Sezginer, C. Minh, N. Heaton, M. Herron, R. Freedman, (Schlumberger); G. Van Dort, (Amerada Hess UK)
- Applications of Fast NMR Logging in Shaly Gas-Bearing Sands Invaded by Oil Filtrate; (1999 SPWLA, paper QQ) M. Petricola (Schlumberger Overseas S.A.); X. Troussaut, (Elf Petroleum Asia B.V.)
- NMR Formation Evaluation Applications in a Complex Low-Resistivity Hydrocarbon Reservoir; (1998 SPWLA, paper TT) C. Slot-Petersen, (Statoil E&P); T. Eidesmo, H. Rueslatten, (Statoil Research Ctr.); J. White, (Schlumberger Wireline & Testing)
- Bound Water Volume, Permeability and Residual Oil Saturation from Incomplete Magnetic Resonance Logging Data; (1998 SPWLA, paper UU) R. Kleinberg, C. Flaum, (Schlumberger-Doll); J. Bedford, (Schlumberger Wireline & Testing)
- Case Studies of Nuclear Magnetic Resonance in the Texas and Louisiana Gulf Coast Area; (1998 SPWLA, paper YY) R. Guest, M. Di Giovanni, S. Smith, O. Walter, (Texaco E&P); J. Musselman, T. Pickens, S. Crary, (Schlumberger Oilfield Services.)
- Measurement of Total NMR Porosity Adds New Value to NMR Logging; (1997 SPWLA, paper OO) R. Freedman, A. Boyd, G. Gubelin, C. McKeon and C. Morri, (Schlumberger Wireline & Testing); C. Flaum, (Schlumberger-Doll Research)
• **NMR Applications in the Gulf of Mexico**; (1997 SPWLA, paper PP); S. Crary, (Schlumberger Wireline & Testing); F. Pellegrin, (Texaco E&P Inc.) B. Simon, (Chevron USA Production Co.)

• **Fast NMR Logging for Bound Fluid & Permeability**; (1997 SPWLA, paper YY); J. Singer, L. Johnston, (Schlumberger Wireline & Testing); R. Kleinberg, C. Flaum, (Schlumberger-Doll Research)

• **Identification of Gas with the Combinable Magnetic Resonance Tool (CMR*)**; (1996 SPWLA, paper L); C. Flaum, R. Kleinberg, M. Hurlimann, (Schlumberger-Doll Research)

• **A New Petrophysical Interpretation Model for Clastic Rocks Based on NMR, Epithermal Neutron and Electromagnetic Logs**; (1996 SPWLA, paper M); P. Gossenberg, G. Galli, (AGIP S.p.a.); M. Andreani, W. Klopf, (Schlumberger)

• **Effective Porosity, Producible Fluid and Permeability in Carbonates from NMR Logging**; (1994 SPWLA, paper A); D. Chang, H. Vinegar, (Shell Development Co.); C. E. Morriss, (Schlumberger Wireline & Testing); C. Straley, (Schlumberger-Doll Research)

• **Hydrocarbon Saturation and Viscosity Estimation from NMR Logging in the Belridge Diatomite**; (1994 SPWLA, paper C); C. Morriss, R. Freedman, (Schlumberger Wireline & Testing); C. Straley, (Schlumberger-Doll Research); M. Johnston, (Shell Western E&P, Inc.); H. J. Vinegar, P. N. Tutunjian (Shell Development Co.)

• **Field Test of an Experimental Pulsed Nuclear Magnetism Tool**; (1993 SPWLA, paper GGG); C. E. Morriss, J. MacInnis, R. Freedman, J. Smaardyk, (Schlumberger Well Services); C. Straley, W. E. Kenyon, (Schlumberger-Doll Research); H. J. Vinegar, P. N. Tutunjian (Shell Development Co.)

• **Integrating Core Measurements and NMR Logs in Complex Lithology**; (2000, SPE 63211) R. Agut, B. Levallois (Elf Exploration), W. Klopf (Schlumberger)

• **NMR Logging Improves Wellsite Efficiency, Completion Decisions, and Formation Evaluation in a Freshwater, Shaly Reservoir**; (2000, SPE 63213) J-J. Moraes, R. Bramdao, Ricardo Tellez, J. Vallejo (Petrobras Intl.) G. Garcia (Schlumberger), J. Singer (Consultant)

• **A New NMR Method of Fluid Characterization in Reservoir Rocks: Experimental Confirmation and Simulation Results**; (2000, SPE 63214) R. Freedman, A. Sezginer, M. Flaum, A. Metteson (Schlumberger), S. Lo, G.J. Hirasaki (Rice University)

• **Low Field NMR Tool for Bitumen Sands Characterization: A New Approach**; (1999, SPE 56764) K.D. Mirotechnik and K. Allsop, (TIPM Laboratory); A. Kantzas, (TIPM Laboratory/Univ. of Calgary); D. Curwen, (Suncor Energy); and R. Badry, (Schlumberger of Canada)

• **Sonic-Magnetic Resonance Method: A Sourceless Porosity Evaluation in Gas-Bearing Reservoirs**; (1999, SPE 56767) C. C. Minh, W.G. Gubelin, and R. Ramamoorthy, (Schlumberger) and S. McGeoch, (Shell Co. of Australia)

• **Comparison of Permeability from NMR and Production Analysis in Carbonate Reservoirs**; (1999, SPE 56798) L. Quintero and A. Boyd, (Schlumberger); and A. Gyllensten and F El-Wazeer; (A.D.C.O.)


• **Quantitative NMR Interpretation**; (1998, SPE 49010) D. E. Cannon, C. C. Minh, (Schlumberger Sugar Land Product Center); R. L. Kleinberg, (Schlumberger-Doll Research)

• **Intergration of NMR with Other Openhole Logs for Improved Formation Evaluation**; (1998, SPE 49012) C. C. Minh, R. Freedman, S. Crary, D. E. Cannon, (Schlumberger Sugar Land Product Center)

• **Tapered Cutoffs for Magnetic Resonance Bound Water Volume**; (1997, SPE 38737) R. L. Kleinberg, A. Boyd, (Schlumberger)

• **Practical Application of NMR Logging in Carbonate Reservoirs**; (1997, SPE 38740) W. D. Logan, J. P. Horkowitz, R. Laronga, (Schlumberger Wireline & Testing); D. Cromwell, (BC Operating)

• **Processing of Data from an NMR Logging Tool**; (1995, SPE 30560) R. Freedman, C. E. Morriss, (Schlumberger Well Services)