



INSTRUCTIONAL RESEARCH STAFF

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John McLennan

PROFESSIONAL RESEARCH INTERESTS AND EXPERTISE –

- Geomechanics related to exploration, drilling, completion, stimulation and production

REGIONAL AND BASIN EXPERIENCE –

- Worldwide

EDUCATION –

- 1974 B.A.Sc. in Geological Engineering, University of Toronto
- 1976 M.A.Sc. in Civil Engineering (Soil Mechanics), University of Toronto
- 1980 Ph.D. in Civil Engineering (Rock Mechanics), University of Toronto

MEMBERSHIPS –

- Society of Petroleum Engineers
- Society of Professional Well Log Analysts

PUBLICATIONS –

- **McLennan, J.D.**, Carden, R.S., Curry, D., Stone, C.R. and Wyman, R.E.: Underbalanced Drilling Manual, Gas Research Institute, GRI 97/0236 (1997) Chicago, IL.
- Mitlin, V.S., Lawton, B.D. and **McLennan, J.D.**: "Improved Estimation of Relative Permeability from Displacement Experiments," paper SPE 39830 presented at the 1998 SPE International Petroleum Conference and Exhibition of Mexico, Villahermosa, Mexico, March 3-5.
- Vásquez, A.R., Sánchez, M.S., **McLennan, J.D.**, Guo, Q., Portillo, F., Poquioma, W., Blundun, M. and Mendoza, H.: "Mechanical and Thermal Properties of Unconsolidated Sands and its Application to the Heavy Oil SAGD Project the Tia Juana Field, Venezuela," paper SPE 54009

presented at the 1999 SPE Latin American and Caribbean Petroleum Engineering Conference, Caracas, Venezuela, April 21-23.

- **McLennan, J.D.**, Medley, G. and Veatch, R.: Underbalanced Completion Guide – A Technology Review, Gas Research Institute, GRI 00/0178 (2001), Chicago, IL.
- **McLennan, J.D.** and Abou-Sayed, A.S.: “Some Advances in Near Wellbore Geomechanics,” paper SPE/ISRM 78194 to be presented at the SPE/ISRM 2002 Rock Mechanics Conference, Irving, Texas, October 20-23.
- Palmer, I.D., Vorpahl, D.G., Glenn, J.M., Vaziri, H. and **McLennan, J.D.**: “A Recent Gulf of Mexico Cavity Completion,” SPE 86462, SPE International Symposium and Exhibition on Formation Damage Control, held in Lafayette, Louisiana, U.S.A., 18-20 February 2004.
- Suarez-Rivera, R., Green, S.J., **McLennan, J.D.** and Bai, M.: “Effect of Layered Heterogeneity on Fracture Initiation in Tight Gas Shales,” SPE 103327-MS, SPE ATCE, 2006.
- Nagel, N. and **McLennan, J.D.** (ed.): Cuttings Injection, SPE Monograph, in preparation.