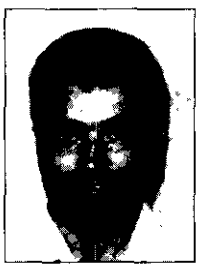
# BIOGRAPHIES

NEIL L. ANDERSON has a B.Sc. in geological engineering, an M.Sc. in crustal seismology and a Ph.D. in seismic stratigraphy. The latter degree, obtained at The University of Calgary, was awarded for his contribution to carbonate seismology. Neil has written course texts entitled Applied Carbonate Seismology, Applied Clastic Seismology and Devonian Salts and coauthored papers presented and/or published in North America, Europe and Asia. He has coordinated, coedited and coauthored the joint CSEG/CSPG Geophysical Atlas of Western Canadian Hydrocarbon Pools and has been invited to lecture at both the CSPG short course on carbonates and the joint CSEG/CSPG course based on the Geophysical Atlas. Neil is currently at University of Missouri-Rolla and a member of the CSEG, SEG and APEGGA.

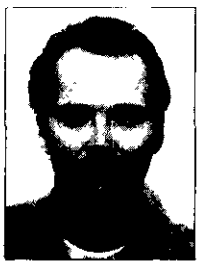


TOM CALVERT graduated with a B.Sc. (Honours) degree from Brock University in 1983 and an M.Sc. in mineral exploration geophysics from The University of Calgary in 1988. He has worked for White Geophysics of Vancouver, Commonwealth Geophysics of Calgary and, as a research assistant, in the Department of Geology and Geophysics at The University of Calgary. He is currently employed as Groundwater Geophysicist at the Power and Water Authority in Darwin, Australia. His research interests include the electrical properties of rocks in permafrost conditions and the use of radar systems in monitoring water reserves in soil.

NANXUN DAI graduated from the Department of Applied Geophysics at Chengdu Institute of Geology, China, in 1977. He received an M.Sc. in geophysics at Tongji University in 1983 and a Ph.D. in geophysics at the University of Alberta in 1993. During the years 1977 to 1980 he taught at Chengdu Institute of Geology. From 1983 to 1988 he was a lecturer at Tongji University. He is currently an NSERC postdoctoral fellow in the Department of Physics at the University of Toronto. His research interests are seismic data modelling processing and inversion.

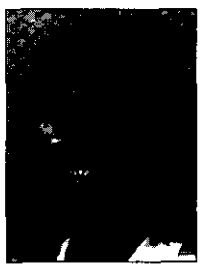
P.F. DALEY, no biography available.

KEN DUCKWORTH obtained his Ph.D. in applied geophysics from the University of Leeds in 1964. He was a member of the Darwin Uranium Group of the Australian Bureau of Mineral Resources until 1968 when he joined The University of Calgary where his current position is that of professor of geophysics. His research areas include electromagnetic scale modelling, electrical properties of rocks in permafrost conditions, and the use of electromagnetic surveys in the detection of conductive structures associated with hydrocarbon pools.



RONALD HINDS received his B.Sc. and M.Sc. degrees in geophysics from the University of Manitoba. During 1978 to 1989, he worked for several oil companies in Calgary, during the final years doing consulting in VSP and seismic processing and interpretation and was involved in the Geophysical Atlas of Western Canadian Hydrocarbon Pools. From 1989 to 1991, he worked at the University of Pretoria, researching and teaching seismology. He is currently continuing his research in the fields of integrated VSP and seismic interpretation, multiple attenuation and seismic processing methods and doing seismic consulting for mining companies. He is a member of the CSEG, APEGGA and SACNS.

F. HRON graduated from Charles University in Prague with a diploma in geophysics in 1961 and a Ph.D. in physics in 1967. He spent eight years on the faculty in the Department of Mathematics and Physics at Charles University before coming to Canada in 1968. With the exception of the year 1973/1974 when he was working as a Senior Staff Geophysicist at Amoco Canada, Dr. Hron has been associated with the University of Alberta, where he is currently a Professor of Physics. He has written over 70 scientific papers and 27 technical reports for the Amoco Research Center in Tulsa for which he has been consultant since 1972. He was elected Fellow of the Royal Astronomical Society in 1987 and was awarded a major Research Prize by the Russian Academy of Sciences in 1993 for the discovery of S* wave and subsequent development of its theory.



HELEN ISAAC received her B.Sc. (Honours) in mathematics in 1973 and M.Sc. in geophysics in 1974, both from Imperial College, London. She was employed for 17 years in the oil industry as an explorationist by Phillips Petroleum, Hudson's Bay Oil and Gas and Canterra Energy/Husky Oil. Presently, she is working towards a Ph.D. in geophysics at The University of Calgary. Research interests include the applications of seismic data (3-D, 3-C, AVO) to reservoir characterization and the integration of seismic data with geological and petrophysical data. Helen is a member of the CSEG and SEG.

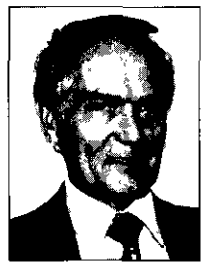
JOHN JUIGALLI is a specialist in design and development of digital electronic systems. He graduated as an electronics engineering technologist from the Southern Alberta Institute of Technology in 1976. He has worked for the Geological Survey of Canada, Philips Medical Systems and The University of Calgary since 1980. His current position is senior technician with the Department of Geology and Geophysics. He was responsible for the design and development of the computer interfacing and controlling software for the electromagnetic scale-modelling laboratory at The University of Calgary.

ERNEST R. KANASEWICH received a B.Sc. in physics in 1952 and an M.Sc. in 1960, both from the University of Alberta. His Ph.D. was obtained in 1962 from the University of British Columbia, Department of Physics, Geophysics. From 1952 to 1956 he was a geophysicist with Geophysical Service International Corp. and from 1969 to 1970 a Research Association Professor at the California Institute of Technology. From 1963 until the present time, he has been at the University of Alberta where he has served as Assistant Chairman of the Department of Physics from 1969 to 1973 and acting Chairman from 1973 to 1974. In 1975, he was appointed a Fellow of the Royal Society of Canada. He holds an Honorary Life Membership in the Canadian Society of Exploration Geophysicists, was awarded the J. Tuzo Medal in 1988 and named McCalla Professor in 1989. Dr. Kanasewich's interests are in seismology, studies of the lithosphere, time series analysis and exploration geophysics.

ED KREBES received a B.Sc. (Honours) in physics from the University of Alberta, an M.Sc. in physics from the University of British Columbia, and a Ph.D. in physics, with specialization in geophysics, from the University of Alberta. After working for Amoco Canada for about a year, he joined The University of Calgary's Department of Geology and Geophysics in 1980, where he is now an Associate Professor of Geophysics. His research interests involve the theoretical and computational aspects of seismology, in particular, the reflection and transmission of seismic waves in nonideal media, the propagation of seismic waves in anelastic media, and the computation of synthetic seismograms. He is a member of the Canadian Society of Exploration Geophysicists, the Canadian Geophysical Union, the Canadian Association of Physicists, the Society of Exploration Geophysicists and the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

RICK KUZMISKI graduated from the University of British Columbia in 1981 with a B.Sc. in geology. He began work for Geophysical Service Inc. as a seismic data processor. During this time he processed 2D and 3D marine and land seismic data. In 1985 he became the Advanced Technologies group leader which included processing Vertical Seismic Profiles. In 1987 he moved on to work at Vector Technology Ltd. processing land seismic data as well as VSPs. In 1988 he moved to Computalog Ltd. and his present position in Downhole Seismic Marketing.

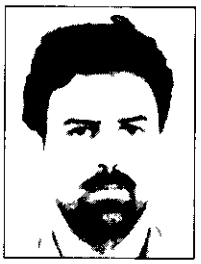
LARRY LINES received a B.Sc. (1971) and an M.Sc. (1973) in geophysics from the University of Alberta and a Ph.D. (1976) in geophysics from the University of British Columbia. In 1976, Larry joined Amoco Canada in Calgary where he worked in the exploration department and was involved in some "serendipity reef" gas discoveries. In 1979, he transferred to Amoco's Research Center in Tulsa where he worked in the research areas of geophysical inversion, imaging and reservoir characterization and attained the position of research associate. In 1993, Dr. Lines was appointed as the NSERC/Petro-Canada chair in applied seismology in the Department of Earth Sciences at Memorial University of Newfoundland. Larry shared the award for Geophysics Best Paper in 1988 and was SEG Distinguished Lecturer in 1991. He has served the Geophysical Society of Tulsa (GST) as Editor, First Vice-President and President and was recently granted Honorary Membership in that organization. Professor Lines has served as an SEG associate editor for Geophysics, SEG slide editor and special editor for IEEE. He has cowritten or coedited five books on geophysical inversion and imaging. He is currently the SEG translations editor as well as an editor for The Leading Edge and CJEG. Larry is a member of the SEG, EAEG, CSEG, GST, APEGGA, APEGN, and Sigma Xi.



ANDREW W. ROGOZINSKI received an M.Sc. in engineering (Electronic Measurements and Instrumentation) in 1962 from the Technical University of Warsaw. From 1962 to 1967 he instructed and was involved in research at the Technical University; from 1967 to 1969 he was employed with the *Electronic Industry in Belgrade* as Project Engineer in the Research Department; from 1970 to 1976 he was with Scintrex Ltd., Toronto, in the capacity of Designer and Project Leader in the Research and Development Department for geophysical instrumentation; and from 1977 to the present he has been with Androtex Ltd., Mississauga, where he is President and General Manager. Interests are in the areas of design and manufacture of new instrumentation for mineral exploration and environmental/engineering surveying. Andrew is a member of the Association of Professional Engineers of Ontario.

ROBERT R. STEWART graduated from the University of Toronto in 1978 with a B.Sc. in physics and mathematics. In 1983 he received a Ph.D. in geophysics from the Massachusetts Institute of Technology. During 1979-80, he was employed part-time with the Chevron Oil Field Research Company in La Habra, California where he worked with the rock physics group. In 1981-82 he worked with the Arco Exploration and Production Research Center in Dallas, Texas where he was involved with VSP analysis, software design and field work. From 1983 to 1985 he was employed by Chevron Geoscience Company, Calgary, as a processing geophysicist, and from 1985 to 1987 he was Senior Research Geophysicist with Veritas Software. He is currently an associate professor at The University of Calgary and holds the Chair in Exploration Geophysics.

At MIT, Dr. Stewart was involved in earthquake field studies in Peru, the Soviet Union and New England. In 1983, while he was a postdoctoral research associate at MIT, he edited a book on Advanced Concepts in Vertical Seismic Profiling. He is a past editor of the *Canadian Journal of Exploration Geophysics* and a lecturer for the SEG Continuing Education Program. He received the CSEG Best Paper Award in 1986. Dr. Stewart is a member of APEGGA, SEG, EAEG, CSEG, AGU and Sigma Xi.



ANTONIS VAFIDIS received a B.Sc. (Honours) in physics from the University of Thessaloniki, Greece, in 1981, an M.Sc. in applied geophysics from McGill University in 1984 and a Ph.D. in geophysics from the University of Alberta in 1988. Since 1988 he has been teaching applied geophysics at the Technical University of Crete. His research interests include numerical methods in modelling seismic waves and seismic applications on parallel computers.