

## BIOGRAPHIES

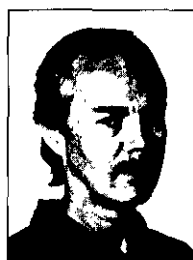
NEIL L. ANDERSON, see biography and photograph in December 1993 *Canadian Journal of Exploration Geophysics*, Vol. 29, p. 452.



J.E. (JIM) BARCLAY received his B.Sc. (Honours) in 1976 from Carleton University. He has worked in mineral exploration throughout Canada (Newfoundland, Quebec, Ontario, Northwest Territories, British Columbia) from 1975 to 1979 with Philips Management, Urangesellschaft Canada and Norcen Energy Resources. In 1979 he joined

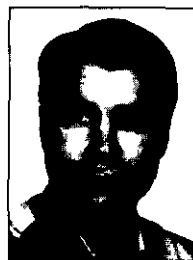
Dome Petroleum in Calgary where he worked as a log analyst and exploration and development geologist.

In 1984 Jim joined the Institute of Sedimentary and Petroleum Geology of the Geological Survey of Canada as a petroleum geologist. His research involves stratigraphic analysis, petroleum geology and petroleum resource assessment in the Western Canada Sedimentary Basin. One of his principal projects has concerned the relationship of sedimentation and tectonism in the Carboniferous-Permian of the Peace River Embayment/Arch area. Since 1989 Jim has been preparing a doctoral thesis on this topic at The University of Calgary under the supervision of Dr. F.F. Krause. Other activities include regional basin analysis for Geological Survey of Canada, petroleum assessment projects and the Canadian Society of Petroleum Geologists "Geological Atlas of Western Canada" project. Jim has written or cowritten about 20 papers and presented numerous talks or posters on the above topics.



R.J. (JIM) BROWN is a Professor of Geophysics and an Associate Director of the CREWES Project in the Department of Geology and Geophysics at The University of Calgary (U of C). His current research activities are in physical modelling of seismic anisotropy, carbonate and salt geophysics, potential-field methods and earthquake seismology.

He obtained two degrees from the University of Manitoba (U of M), a B.Sc. (Honours) in mathematics and physics and an M.Sc. in geophysics and received a Ph.D. in seismology from Uppsala University (1973). Since that time he has held research/teaching positions at the U of M, Norwegian Seismic Array (NORSAR), the Technical University of Luleå, the University of Sydney and the U of C, where he has been since 1980. Jim is a Past President of the CSEG, was Technical Chairman of the 1990 CSEG National Convention, and was Editor of the *Canadian Journal of Exploration Geophysics* in 1987 and 1988. He is an active member of the SEG, CSEG, EAEG, ASEG, NOFTIG, CGU, EGS, SSA and APEGGA.



DALE CEDERWALL graduated from the University of Manitoba in 1978 with a B.Sc. in geological engineering. Since 1978 he has been active as an explorationist in western Canada. He has contributed several papers on exploration for hydrocarbons and was involved in the development of the Geophysical Atlas of Western Canadian Hydrocarbon Pools.

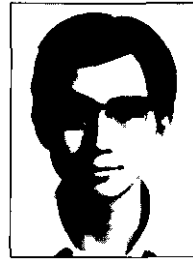
KEN DUCKWORTH, see biography and photograph in December 1993 *Canadian Journal of Exploration Geophysics*, Vol. 29, p. 452.



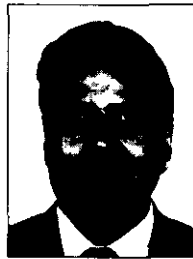
DON GENDZWILI is a professor in the Department of Geological Sciences, University of Saskatchewan, Saskatoon. He obtained his B.S. degree in engineering physics and M.S. degree in geophysics from Michigan Technological University and his Ph.D. in geophysics from the University of Saskatchewan. He was previously employed by the Saskatchewan Research Council, Cominco and Newmont Mining. His interests include the application of geophysics to engineering and exploration problems, high-resolution seismic reflection, mining-induced seismicity and physical properties of rock. He enjoys his family, travel, skiing, gardening and meeting former students, sometimes while skiing.



BOB HORNER is a seismologist with the Geological Survey of Canada at the Pacific Geoscience Centre in Sidney, British Columbia. He graduated from the University of Manitoba in 1969 with a B.Sc. degree in geology and physics. After spending a year in the Arctic Islands operating the Geophysical Observatory at Mould Bay, Bob joined the Earth Physics Branch in Ottawa. There he participated in numerous aftershock surveys and regional monitoring programs throughout Canada, including the first refraction line across the Sverdrup Basin and the first seismotectonic studies in the Richardson and St. Elias Mountains, Yukon Territory. He also became involved in the investigation of induced earthquakes at potash mines in Saskatchewan. In 1981, Bob was transferred to the Pacific Geoscience Centre to manage the program for routine hypocentre determinations in western Canada. He lead field surveys to the Nahanni region of the Mackenzie Mountains following the large earthquakes there in 1985 and 1988 and now is in charge of the seismicity of monitoring program at Fort St. John. Bob has published over 40 papers and is a member of the Seismological Society of America and the American Geophysical Union.



ZEHUI HUANG is active in research projects related to basin analysis and petroleum geology offshore eastern Canada carried out in the Atlantic Geoscience Centre. He obtained his Ph.D. from the Department of Earth Sciences, Dalhousie University, in 1991 and worked as a Canadian Government Laboratory Visiting Fellow in the Atlantic Geoscience Centre. He completed his M.Sc. and B.Sc. programs in the Department of Marine Geology, Tongji University, China. From 1985 to 1987 he worked as a geologist in the Bureau of Marine Geological Survey, China, involved in petroleum geology and quaternary geology study in the East China Sea. His most recent research interests include basin modelling and application of artificial neural networks and fuzzy logic technologies to geosciences.



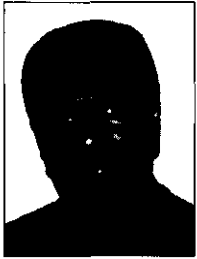
GANPAT S. LODHA has been involved in the application of geophysics to mining, geothermal, hydrocarbon exploration and waste disposal problems for the last thirty-two years. He has received Master's and Ph.D. degrees in geophysics from universities in India and Toronto, Canada, respectively. He is currently responsible for the development and testing of surface and borehole geophysical techniques in characterization of waste disposal sites. Dr. Lodha is Head of the Geophysics and Borehole Logging Section in the Applied Geoscience Branch of AECL Research and is an active member of the SEG, CSEG, KEGS and APEGGA.



JOHN MACRAE received a B.Sc. (Honours) in geology in 1971 from the University of Alberta and an M.Sc. with specialization in paleontology from The University of Calgary in 1974. From 1973 to 1976 he was a sessional instructor of geology at Mount Royal College and from 1977 to 1982 worked as a petroleum exploration and development geologist in Calgary. In 1982 he joined the British Columbia Ministry of Energy, Mines and Petroleum Resources in Victoria where he currently serves as Director of Petroleum Geology. He is a member of the Association of Professional Engineers and Geoscientists of British Columbia, the Canadian Society of Petroleum Geologists and the Canadian Geothermal Energy Association.

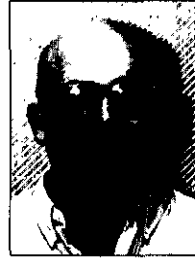


MARK NG graduated with a B.Eng. (Distinction) from Concordia University in 1981 and an M.Sc. from The University of Calgary in 1983, both in electrical engineering. He worked in the R&D Department at Sefel Geophysical from 1983 to 1985. Since that time he has been employed with Geo-X Systems Ltd. In 1991 he was invited to teach in a university in China for a year.



MULUGETA H. SERZU obtained his B.Sc. in 1984 and completed his M.Sc. degree in geophysics in 1990 at the University of Manitoba, Canada. In 1985 he took a work term with Texaco Canada Resources in Calgary as exploration geophysicist. He joined AECL Research in 1989 as a geophysicist in the Applied Geoscience Branch and has been

involved in crosshole seismic tomography, shallow high-resolution seismic reflection surveys, and sonar profiling projects. His areas of interest include seismic imaging (migration, inversion) and seismic data processing. He is a member of the SEG and EAEG.



MARK WILLIAMSON has been a research scientist at the Atlantic Geoscience Centre (AGC) of the Geological Survey of Canada since 1990. He obtained a B.Sc. and M.Sc. from the University of Wales at Aberystwyth (1978, 1979) followed by a Ph.D. from Dalhousie University, Halifax, Nova Scotia (1983).

He performed postdoctoral research at the Atlantic Geoscience Centre (1983 to 1985) on aspects of quantitative stratigraphy of east coast basins. From 1985 to 1990 he worked at Shell Canada Ltd. in Calgary on various exploration, basin analysis and exploration computing assignments. At AGC he coordinates a multidisciplinary, multipartner (government, industry, university) research effort to understand the interplay of subsurface geological parameters influencing hydrocarbon distribution in Canada's east coast basins.