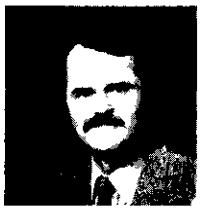
BIOGRAPHIES



C. EDWARD ANDERSON graduated from the University of Manitoba in 1967 with a B.Sc. (Hon.) degree in geophysics. In 1967 he joined Chevron Standard Ltd., in Edmonton, as an exploration geophysicist, participating in a number of northern Alberta projects as well as field operations. Mr. Anderson transferred to Calgary in 1971 and continued to work on a variety of exploration projects in the western Canada sedimentary basin, the Arctic Islands and the east coast. During this period he also undertook training assignments in seismic data processing and development geology. In 1980 he left Chevron Standard Ltd. to joint Petrofina Canada Inc., where he is now employed. Mr. Anderson is a member of the CSEG, the SEG and APEGGA.

THOMAS L. DAVIS received his B.E. in geophysical engineering from the University of Saskatchewan (1969), his Master's degree in geology from the university of Calgary (1971), and his Ph.D. degree in geophysical engineering from the Colorado School of Mines (1974). He is now teaching in the Department of Geophysics at the Colorado School of Mines. He was employed in the Department of Geology and Geophysics of the University of Calgary during 1977-79. From 1971-73 he was a geophysicist with Amoco Canada Petroleum Company Ltd. In 1971 he was awarded the CSEG Best Paper Award. He is a member of CSEG, SEG, DGS, AAPG and APEGGA.

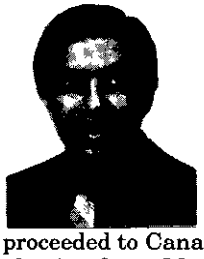
HANS J. TIEMAN graduated from the University of Calgary with a B.Sc. in physics in 1974. He received an M.Sc. in geophysics from U of C in 1980 for his work in seismic data modeling. During the summer months of his undergraduate years, he worked for Imperial Oil in the offshore and frontier exploration departments. For two years, starting in 1976, he worked for Chevron Geophysical in seismic data processing. At present he is employed at Sefel Geophysical in the research and development department, where he is conducting research in methods of velocity determination for optimum migration of seismic data.

R. D. (DON) RUSSELL was born and educated in Toronto, Canada. He obtained from the University of Toronto an Honours B.A. degree in physics and chemistry and an M.S. degree in physics (electronics). In 1954 he completed at the same university a Ph.D. degree in physics (geophysics). His thesis, which was supervised by J. Tuzo Wilson, was titled "The Age of the Earth." After a brief period as post-doctoral fellow at the University of Chicago, he joined the faculty of the University of Toronto. Since 1958 he has been at the University of British Columbia, first in the Department of Physics and later in the Department of Geophysics and Astronomy, of which he was head for twelve years.

Dr. Russell's research has included such diverse topics as geochronology, mass spectrometry, the early history of the earth, seismology and geophysical instrumentation. He is the author of numerous papers and two books. At present he is the Associate Dean of Science at the University of British Columbia.

G. MITCHELL worked as a geophysical and geological technician for a number of mining companies from 1966 to 1972. In 1973 and 1974 he ran a small mining contracting company, Stikine Services, in northwestern British Columbia. He completed a Bachelor's degree in geophysics and geology at the University of British Columbia (UBC) in 1975 and a Master's in geophysics also at UBC in 1978. From 1977 to 1980 he worked as a senior geophysicist for Eldorado Nuclear in Ottawa. He is now senior minerals geophysicist for BP Minerals Limited in Vancouver.

DON GENDZWILL is Associate Professor of Geophysics at the University of Saskatchewan. He has been with the university since 1970. From 1963 to 1970 he was Assistant Research Officer with the Saskatchewan Research Council. From 1958 to 1963 he was an exploration geophysicist with Cominco Ltd. His interests include geophysics applied to engineering and exploration projects, and most recently he has been involved with the application of seismic and electrical geophysical methods to engineering problems associated with potash mines in Canada.



DR. B. I. PANDIT received his B.Sc. (Hons.) in geology and geophysics in 1962 and the Master of Technology in exploration geophysics in 1964; both degrees were obtained from the Indian Institute of Technology, Kharagpur, India. He then proceeded to Canada and obtained an M.Sc. in physics from Memorial University of Newfoundland (1966) and a Ph.D. in geophysics from University of Toronto (1971). During 1971-72 he was a Research Associate in the Department of Earth and Planetary Sciences, M.I.T., Cambridge, Mass. Since late 1974 he has been with the Department of Geological Sciences, University of Saskatchewan, Saskatoon.

His fields of interest include experimental studies on the elastic wave propagation and electrical properties of rocks, permafrost and gas hydrates.

RON D. KURTZ received his B.Sc. (Hons. Physics) in 1967 from the University of Alberta, Edmonton. He received his M.Sc. from the same institution in 1969 for work on characteristics of micropulsations. His graduate work continued at the University of Toronto, where he received his Ph.D. in 1973 for magnetotelluric work in eastern Canada. He held a NRC Postdoctorate Fellowship at the Earth Physics Branch, Ottawa up to 1975, at which time he joined the branch as a research scientist. His research centres on development of magnetotelluric instrumentation and conducting magnetotelluric and geomagnetic depth sounding studies in eastern Canada, the Arctic Islands and the Arctic Ocean, as well as on a long-term program to correlate changes in electrical properties of the earth with seismic activity.

He is a member of the SEG and AGU.

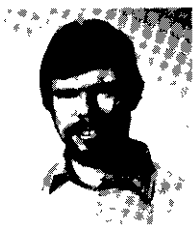
E. R. NIBLETT received a Master's degree in geophysics at the University of Toronto in 1949 and a Ph.D. in geophysics at Cambridge University in 1958. Since then he has been employed at the Earth Physics Branch, Department of Energy, Mines and Resources, Ottawa where he now heads the section on geomagnetic variations, aurora and induction studies. He is a Fellow of the Royal Astronomical Society and of the Geological Association of Canada. Research interests include magnetotellurics and studies of crustal structure by means of electromagnetic induction.

MICHEL CHOUTEAU graduated from Ecole Polytechnique, Montreal (Québec) in 1972 with a B.Sc. in physics. From 1972 to 1973 he studied mathematics in Grenoble (France). Back in Montreal in 1973, he obtained an M.Sc. degree in exploration geophysics in 1976. At present he is completing a Ph.D. thesis in exploration geophysics in the field of magnetotellurics.

Since 1974, he has been working as research associate for the Institut de Recherche en Exploration Minérale (Mineral Exploration Research Institute) of Ecole Polytechnique, conducting or participating in several major magnetotelluric surveys.

His primary research interests are in improving magnetotelluric profiling and sounding methods (equipment as well as processing and interpretation) for mineral and geothermal exploration.

He is a member of the SEG, OIQ.



LAWRENCE R. NEWITT, born in Brantford, Ontario, received his B.Sc. in physics from McMaster University in 1971. Since that time he has been employed by the Earth Physics Branch, Dept. of Energy, Mines and Resources. From 1971 to 1972 he operated the geomagnetic and seismic observatory at Great Whale River, Quebec. Since then, he has worked in the Geomagnetic Division at Ottawa, where he has assisted in the production of national magnetic charts. He has also participated in several magnetic surveys throughout the country, primarily to determine the secular change of the magnetic field.

W. J. SCOTT received a B.A.Sc. in engineering geophysics in 1962, an M.A. in physics in 1965 (both from the University of Toronto) and a Ph.D. in geophysics from McGill University in 1972. From 1971 to 1979 he worked for the Geological Survey of Canada, most recently as head of the Electrical Methods Section of the Resource Geophysics and Geochemistry Division. At the GSC he was responsible for the application of electrical methods in geophysical mapping, in permafrost studies, and in the program for geological evaluation of sites for disposal of high-level nuclear wastes. In February, 1981 Dr. Scott joined Hardy Associates (1978) Ltd. as Senior Geophysicist.

Dr. Scott is a member of CSEG, SEG, GAC and KEGS.