

BIOGRAPHIES



JAMIL AZAD

Jamil Azad graduated from the University of Lausanne, Switzerland in 1952 with a State's Diploma of Professional Geologist.

He began his career as an Assistant Geologist with the Geological Survey of Pakistan in 1953. Between 1953 and 1959 he worked as a geologist with Pakistan Petroleum in Karachi. From 1959 to 1971 he occupied several senior positions with Burmah Oil in Pakistan, Burma, London, Ecuador and Calgary. In 1971 he joined Electraflex Surveys Ltd., where he is currently Vice-President.

Mr. Azad has a considerable range of experience in structural and sedimentary geology, photogeology, log interpretation, potential field methods, geochemistry, reservoir engineering and seismic processing.



RAFAEL CRUZ

Mr. Rafael Cruz obtained his Bachelor of Science degree in Mathematics and Chemical Engineering from the University of Texas. He has completed graduate studies at several major universities in Mathematical Statistics and Information Theory.

Mr. Cruz has extensive experience in the digital processing of geophysical data, and contributed significantly in both the technical and management aspects of establishing seismic computer centres both in Canada and the United States. He is recognized internationally for his work in the design and implementation of information theory techniques that result in the enhancement of seismic data and that aid in the selection of optimum parameters for geophysical data processing.

In addition to being actively engaged in the evaluation, analysis, and processing of geophysical data, he is extensively involved in the education and training of geophysical industry personnel in the effective use of seismic data processing techniques. These courses have been presented throughout the Canadian Geophysical Industry to remove the mysticism commonly associated with digital seismic processing.

He is personally responsible for a large part of the continuing research and development program being pursued by his company.

Mr. Cruz is currently the Editor of the C.S.E.G. Journal, and has previously served in several different capacities in the Canadian Society of Exploration Geophysicists, including being the Technical Chairman for the 1973 National C.S.E.G. Convention.

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JACQUES MERLAND

Jacques Merland graduated from Toulouse University (in Southern France) in 1949, before completing two years of post graduate studies in Paris Ecole Polytechnique. He joined the C.G.G. in 1957, and worked successively in Algeria, Tunisia, Senegal, Libya, Iran and other Middle East countries, first as a seismologist, then as a party chief and as a district geophysicist. In 1968 he was transferred to Geodigit in Calgary, where he is currently. J. Merland is a member of the S.E.G., C.S.E.G. and E.A.E.G.



A. EASTON WREN

A. Easton Wren received his B.Sc. (Hons.) degree in geology in 1961 and his Ph.D. degree in geophysics in 1968 from the University of Glasgow, Scotland. His Ph.D. research was in the field of marine geophysics in studying the European continental shelf to the west of Scotland.

From 1961 to 1963 he was employed as a geophysicist on seismic field crews with Ray Geophysical in Libya. From 1963 to 1965 he worked as a geologist/geophysicist on a mineral exploration program with the Geological Survey of Uganda.

In 1968 he joined Amoco Canada Petroleum Company Ltd. (then Pan American Petroleum Corporation) in Calgary and has been engaged in seismic operations in both Western Canada and the Atlantic offshore area. He is currently a staff geophysicist in the Central District.

Dr. Wren is the Assistant Editor for the Journal of the Canadian Society of Exploration Geophysicists, the Associate Editor of Geophysics of the Bulletin of Canadian Petroleum Geology and is an active member of the S.E.G., C.S.E.G., E.A.E.G. and the Geological Society of Glasgow.