

Profession: Chemical Engineer

Date of Birth: 1938

Present Position: Associate
Morgan Worldwide Consultants Inc.

Nationality: British

Educational and Professional:

1962 - Chemical Engineering - 2nd Class Honors

Member - Institution of Chemical Engineers (U.K.)

Chartered Engineer (U.K.)

Member - Institution of Professional Engineers of South Africa

Member - Society of the American Institute of Mining, Metallurgical and Petroleum Engineers (SME)

Career Summary:

Peter Woollam is a Chemical Engineer with over 40 years experience in the chemical engineering contracting field. His experience has involved the mining metallurgical, chemical, food, beverage and water purification industries. He is world traveled with a proven record as a decision making senior executive with skills in project management, environmental issues, sales and business development and project financing. While Woollam is technically retired from Morgan Worldwide, he remains associated with the firm and willing to assist on specific projects.

Supplementary Data/Key Qualifications:

- Restructuring of an aggregate process plant for an existing limestone quarry
- Provided Project Management assistance into various projects to an offshore oil production company in Trinidad to increase their annual production by over 40%.
- Performed environmental site investigations and process plant concept for limestone aggregate production to be located underground at a mine in Northern Kentucky.
- Prepared a plant site design for a marble quarry slab and tile preparation facility in northern Alabama.
- Performed an Environmental audit at two operating gold mines and processing operations and a gold refinery in Indonesia. Follow up with implementation of upgraded environmental program.
- Process review and optimization for a gold mine in Indonesia.
- Conceptual process routes for a diamond, gold and titanium recovery plant from river bed gravels in Venezuela.
- Process audit and full-time site management for a diamond exploration processing plant in Arkansas conducted as part of the commercial evaluation of the Crater of Diamonds State Park.

Employment Experience:

1996 - Present Morgan Worldwide Consultants Inc. - USA

- Processing Consultant responsible for mine processing applications and project management.

1995 - 1996 Diamond Land Mining (Pty) Ltd. - South Africa

- Managing Director responsible for the operation of two South African commercial diamond mines in the Kimberley area.

1994 - 1995 Diamond Operations Inc. - USA

- President of the Texas Star Resources Inc. subsidiary responsible for all processing, environmental and safety aspects of the 10 ton per hour diamond processing exploration plant located outside Murfreesboro, Arkansas.

1993 - 1995 Diamond Exploration Inc. - USA

- Project Director responsible for the design and construction of a 10 ton per hour diamond processing exploration plant.

1989 - 1993 Independent Consultant

- Project Management services to Hamakua Sugar Company, Hawaii for a new C massecuite reheat system.
- International Business Development Services were provided to BATEPRO, a South African contract engineering company, in the mining, (diamonds, gold and coal) and sugar industries. This work involved visits to Mexico, Columbia, Ecuador, Bolivia, Peru, Chile, Argentina, Brazil, Guyana, St. Kitts, Canada, Washington DC, (World Bank and IFC), Indonesia, Malaysia, Thailand, Philippines, Korea, and Japan.
- Resident in Hawaii, Project services were performed in the dismantling of a bagasse fired boiler for installation in Fiji: As Site Project Engineer for Pan Pacific Construction complete management, scheduling and accounting responsibilities were undertaken for the construction of a waste water pump station: Estimating services were provided to Isemoto Contracting for concrete work on a geothermal project.

1986 - 1989 Bateman Engineers Inc. - USA

- Project Manager responsible for the expansion and modernization of the Haina Sugar Mill for Hamakua Sugar Company on Hawaii.
- Vice President- Business Development responsible for the marketing of the company's business in design and project management to the metallurgical industries - specifically in gold recovery and coal handling. Project Director on a potential diamond project in Arkansas.

1979 - 1982 Edward L Bateman (Pty) Ltd - South Africa

- Director and General Manager of the Chemical Division; General Manager of the Water and Effluent Treatment Division; Business Development Manager for the Bateman group of companies world wide.

1977 - 1979 Bateman Coal Technology Inc. - USA

- Vice President - Marketing - in the initial formation of the Bateman Group in the USA, responsible to obtain contracts in the field of coal handling and coal preparation plant.

1973 - 1977 Edward L Bateman (Pty) Ltd. - South Africa

- Marketing Engineer responsible for turnkey proposals and contract negotiations for plant design, supply and construction in the coal, asbestos, chemical, and sugar industries.

1972 - 1973 Stone and Webster Ltd. - England

- Sales Engineer for ethylene plants.

1967 - 1972 Humphreys and Glasgow Ltd. - England

- Proposal Manager and Sales Engineer for tender preparation and contract negotiations for plant design, supply and construction in the chemical industries for nitric acid, methanol, ammonia, ammonium nitrate, NPK, PVC, VCM plants, LPG, and breweries.

1966 - 1967 Morganite Research and Development Co. Ltd. - England

- Project Manager on Group Development including resistor production, copper plating and carbon fiber development.

1957 - 1966 Simon Carves Ltd. - England

- Commissioning and process engineer on sulphuric acid plants. Process engineer and contract manager (resident in South Africa) for eight high pressure polyethylene plants. Project Engineer for an ammonia plant in Poland.