



JAMES E. NEMRAVA, C.E.T.

Shareholder

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Jim is a Shareholder of Sproule and has been a Sproule employee since 1972. He has experience in Canada (Western Canada Sedimentary Basin, Ontario, the Canadian Arctic, the Beaufort Sea and the East Coast), United States (California, Texas, Louisiana, Colorado and Pennsylvania).

College and University Education

- ❖ College Courses (1970–1972) Selkirk College, Castlegar, British Columbia, Canada
- ❖ Drilling 1, Southern Alberta Institute of Technology (1975), Calgary, Alberta, Canada
- ❖ Intermediate Production Accounting (1978), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Mathematics 285 (2004), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Drilling 210 (2005), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Geology 375 (2005), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Petroleum 310 (2006), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Petroleum 320 (2006), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Environmental Science 310 (2007), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ Reservoir 344 (2007), Southern Alberta Institute of Technology, Calgary, Alberta, Canada

Memberships

- ❖ The Association of Science and Engineering Technology Professionals of Alberta (ASET)
- ❖ Petroleum Society of Canada (PetSoc)

Work Responsibilities

- ❖ Calculate reserves and evaluate petroleum and natural gas properties.
- ❖ Interpret logs and conduct PVT analyses.
- ❖ Analyze logistical problems and economics for development of oil and gas reserves in the Canadian Arctic, Beaufort Sea, and East Coast Canada Offshore.

- ❖ Audit drilling and completion costs for Canadian and U.S. developments.
- ❖ Submit required government forms for various provincial regulatory agencies.
- ❖ Provide technical advice concerning operations of small oil and gas companies.
- ❖ Assist small companies with Securities Exchange requirements.
- ❖ Mentor junior staff in evaluations.
- ❖ Assist in cost estimates for evaluations.
- ❖ Prepare sales packages for oil and gas properties.
- ❖ Assist companies in oil and gas acquisitions.

Special Expertise

- ❖ For over 35 years, has worked on numerous evaluation projects involving the majority of the shallow gas reserves in Southeastern Alberta and Saskatchewan.

Regional Specialities

- ❖ In addition to the shallow gas projects in Alberta and Saskatchewan, has considerable experience evaluating oil and gas reserves in Southern Ontario.

Selected Projects

- ❖ Has prepared reserves evaluations of the Terra Nova, Glenelg, Venture, Whiterose, and other minor fields, East Coast Offshore Canada.
- ❖ Has prepared evaluations of U.S. properties in California, Colorado, Louisiana, and Texas.
- ❖ Has prepared evaluations of reserves in the Beaufort Sea in the Canadian Arctic Islands.

Presentations

- ❖ Robinson, J.G. and Nemrava, J.E. (1998) "The Values of Oil, Natural Gas and By-Product Reserves." Paper presented at the 49th ATM of the Petroleum Society of CIM, Calgary, Alberta, June. Awarded "Best Paper Presented at the 1998 Annual Technical Meeting," Petroleum Society of CIM.