



RICHARD A. BREKKE, P.Eng.

Partner

Phone: 1-403-294-5526

Fax: 1-403-294-5590

E-Mail: richard.brekke@sproule.com

Richard has been a Sproule professional since 2008. He has over 30 years experience in the Western Canadian Sedimentary Basin.

Diplomas and Degrees

- ❖ B.Sc. (with Distinction), Mechanical Engineering (1977), University of Alberta, Edmonton, Alberta, Canada

Memberships

- ❖ Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)

Work Responsibilities

- ❖ Estimate reserves and project economics for oil and gas properties.
- ❖ Perform corporate evaluations using decline analysis, volumetrics, material balance and performance prediction techniques (using Merak's DECLINE); model economics using Sproule's in-house model winNeval, Merak's CANADIAN PEEP, and Energy Navigator's VALUE NAVIGATOR.
- ❖ Gather and assess reservoir, economic and geological data required for the evaluation process.
- ❖ Conduct oil and gas deliverability studies.
- ❖ Provide evaluation expertise with regard to acquisitions and divestitures.
- ❖ Provide production exploitation and optimization strategies.
- ❖ Analyze profitability for exploration and development projects.
- ❖ Prepare oral and written reports.

Previous Employers

❖ 2004-2008 **Rocket Resources Inc.**, Calgary, Alberta —*President*

- ❖ Set up new oil/gas corporation
- ❖ Managed capital funding
- ❖ Identified and acquired gas properties
- ❖ Supervised production and field activities

❖ 1993-2004 **Fortune Energy Inc.**, Calgary, Alberta

1999-2004 *President*

- ❖ Created and implemented annual corporate goals
- ❖ Responsible for financial approval of all major projects and acquisitions
- ❖ Managed and hired professionally qualified staff

1993-1999 *Vice-President, Production & Exploration*

- ❖ Identified and evaluated corporate and property acquisition targets
- ❖ Approved and coordinated drilling and production activities
- ❖ Responsible for oil and gas marketing
- ❖ Coordinated annual reserve evaluation
- ❖ Acted as liaison with partners and financial institutions

❖ 1984-1993 **Omega Hydrocarbons Ltd.**, Calgary, Alberta

1991-1993 *Senior Exploitation Engineer*

- ❖ Coordinated corporate acquisitions, divestitures and annual reserve evaluations
- ❖ Increased production from oil and gas properties using new technologies
- ❖ Completed detailed economic evaluations for land sales bids, drilling economics, and acquisitions/divestitures

1984-1991 *Engineering Supervisor*

- ❖ Monitored 400 production wells and recommended strategies to maximize oil and gas production
- ❖ Designed, implemented and monitored waterfloods
- ❖ Acted as Chairman of the Operating Committee for several operating Units

❖ 1977-1984 **Gulf Canada Resources Inc., Calgary, Alberta**

1981-1984 *Supervisor, EOR Projects (Northern District)*

- ❖ Coordinated design and implementation of light oil enhanced recovery projects
- ❖ Acted as liaison between the company and government agencies
- ❖ Supervised reservoir studies (reservoir characterization and simulation), miscibility experiments, preparation of government applications, economic analysis, and EOR project monitoring

1978-1981 *Production Engineer*

- ❖ Initiated and supervised production operations in central Alberta fields
- ❖ Trained and mentored new engineers
- ❖ Responsible for well performance monitoring, well workovers, surface facility/pipeline construction and optimization

1977-1978 *New Business Engineer*

- ❖ Performed detailed economic evaluations of exploration and development drilling projects, land sale bids, and farmins and farmouts
- ❖ Assisted in the development of a corporate reference manual pertaining to government regulations in the oil and gas industry (allowable system, royalty calculations, drilling incentives, off-target penalty calculations)

Special Expertise

- ❖ Corporate and capital funding
- ❖ Acquisitions and divestitures
- ❖ Drilling and testing new wells
- ❖ Waterflood design and optimization
- ❖ Miscible flood implementation
- ❖ Computer systems (LAN setup, software applications)
- ❖ Log interpretation

Regional Expertise

- ❖ Western Canada Sedimentary Basin