



## **SCOTT PENNELL, P.Eng.**

### ***Supervisor, Unconventional Gas***

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Scott Pennell is an Associate of Sproule and supervises the Unconventional Gas Department. Scott has been a Sproule professional since 2000. He has experience in Algeria, Argentina, Australia, Azerbaijan, Canada, Cote d'Ivoire, Egypt, Kazakhstan, Peru, Papua New Guinea, Sudan, United Kingdom (North Sea) and the United States.

### ***Diplomas and Degrees***

- ❖ Honours Diploma, Petroleum Reservoir Technology (1991), Southern Alberta Institute of Technology, Calgary, Alberta, Canada
- ❖ B.Sc. Petroleum Engineering (1993), University of Wyoming, Laramie, Wyoming, USA

### ***Continuing Education***

- ❖ Optimizing Oil Well Productivity (1995), Thorne Consultants Ltd., Calgary AB
- ❖ Geology for Engineers (1997), Graham Davies Geological Consultants Ltd., Calgary AB
- ❖ Practical Decline Analysis (1998), Gilbert Laustsen Jung Associates Ltd., Calgary AB
- ❖ Advanced Rock Property - Capillary Pressure, Waterflood Design, Reservoir Quality, Fluid Sensitivity (1999), Core Laboratories Canada Limited, Calgary AB
- ❖ PVT Analysis (1999), Hycal Energy Research Laboratories Ltd., Calgary AB
- ❖ Evaluation of Oil and Gas Properties (2000), Sproule Associates Limited, Calgary AB
- ❖ Coalbed Methane Geology & Engineering - Application to Exploration & Development (2001), CBM Solutions Ltd., Calgary AB
- ❖ Fundamentals of Coalbed Methane (2001), Sproule Associates Inc., Calgary AB
- ❖ Geophysics for Petroleum Engineers (2005), PEICE Petroleum Institute for Continuing Education, Calgary AB

### ***Memberships***

- ❖ Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)
- ❖ Petroleum Society of the Canadian Institute of Mining, Metallurgy and Petroleum (CIM)
- ❖ Society of Petroleum Engineers (SPE)

### ***Work Responsibilities***

- ❖ Evaluate conventional oil and gas and unconventional gas properties in Canada and internationally, including estimation of reserves and resources (using volumetrics, material balance, decline analysis and performance prediction techniques) and economic analysis based on applicable regulations.
- ❖ Prepare oral and written reports on the methodology and results of property evaluations.

### ***Previous Employers***

- ❖ **Gilbert Laustsen Jung Associates Ltd. (now GLJ Petroleum Consultants Ltd.)**, Calgary, Alberta
- ❖ **Merak Associates Ltd.**, Calgary, Alberta
- ❖ **Unocal Canada Resources**, Slave Lake, Alberta

### ***Regional Specialties***

- ❖ Western Canada Sedimentary Basin: Alberta, British Columbia, Manitoba and Saskatchewan