



Drawing on twenty-five years of exploration and development experience, Dr. Hayes has directed major multiclient exploration and development studies for the petroleum industry. Dr. Hayes has consulted for a variety of clients, including petroleum companies, Crown corporations, and regulatory agencies. His international experience includes hydrocarbon basins in North and South America, Africa and Asia. He has broad managerial experience, both corporately and within project teams.

## **Brad J. Hayes**

*Ph.D., Geology (1982)*  
*B.Sc. Honours in Geology (1978)*

### **Professional Experience**

- 2007-Present** | *Petrel Robertson Consulting Ltd., President*  
Oversees strategic and financial management of PRCL. Actively involved in technical functions as described below, with increased emphasis on strategic advice into exploration and development programs and evaluations/acquisitions.
- 1996-2006** | *Petrel Robertson Consulting Ltd., Executive Vice-President, Vice-President*  
Responsible for supervision and execution of multiclient, multidisciplinary exploration studies. Completed numerous consulting projects in domestic, frontier and international areas, including: field-scale review and recommendation of drilling programs; operational work (prospect generation, workover reviews, farmins and farmouts, land expiry evaluations); detailed core logging and geological mapping; preparation of sales packages; and scoping assessments and economic evaluations of international exploration blocks. Dr. Hayes conducts a number of geological training courses and seminars for industry, both alone and as a training team member. He is also employed as an expert witness on geological and petroleum exploration matters.
- 1995-1996** | *Chauvco Resources Limited, Calgary, Senior Geologist*  
Generated exploration drilling prospects in Cretaceous to Devonian formations of west-central and northern Alberta. Responsible for expiries and farmouts of company acreage throughout Alberta.
- 1994-1995** | *Canadian 88 Energy Corporation, Calgary, Senior Geologist*  
Developed new exploration plays throughout western Canada, including northeastern Alberta, the Peace River Arch, and west-central Alberta. Discovered Lower Mannville oil pool in southern Alberta, and outlined development plans. Evaluated and recommended numerous properties for acquisition.
- 1992-1994** | *Dorset Exploration Limited, Calgary, Senior Geologist*  
Mapped several exploration fairways in western Alberta and northeastern British Columbia. Acquired more than 50,000 ha of Crown acreage and planned multizone exploration program. Successfully recommended acquisition of producing oil properties, and subsequently planned development drilling and recompletion program. Actively involved in horizontal drilling applications.
- 1985-1991** | *Canadian Hunter Exploration Limited, Calgary, Senior Geologist*  
Led multidisciplinary team executing major joint venture exploration program in British Columbia. Coordinated geological, geophysical, petrophysical, engineering and land administration tasks. Mapped regional geologic trends to establish hydrocarbon potential and guide land acquisition, and mapped in detail to locate drilling prospects. Supervised drilling of more than 50 exploration and development wells. Made or participated in all key decisions involving coring, testing, and casing. Discovered and delineated several gas fields with total established reserves exceeding 250 BCF, and initial production of 100 MMCF/D.
- 1981-1985** | *Shell Canada Resources Limited, Calgary, Exploration Geologist*

### **Professional Affiliations**

Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)  
Association of Professional Engineers and Geoscientists of British Columbia (APEGBC)  
Canadian Society of Petroleum Geologists (CSPG) – Past President  
American Association of Petroleum Geologists (AAPG)  
Geological Association of Canada (GAC)

**Publications – see separate page**