



PAUL B. JUNG, P.Eng.

Associate

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Paul is an Associate of Sproule and has been a Sproule professional since 1996. He has experience in Canada and the Czech Republic.

Diplomas and Degrees

- ❖ B.Sc. Petroleum Engineering (1986), Montana College of Mineral Science and Technology, Butte, Montana, U.S.A.
- ❖ Diploma in Petroleum Technology, Reservoir (1984), Southern Alberta Institute of Technology, Calgary, Alberta, Canada

Continuing Education

- ❖ Introduction to Canadian Oil Sands (2008), PEICE
- ❖ Leadership Skills for Supervisors (2007), PEICE
- ❖ evMosaic (2007), Entero Corporation
- ❖ Value Navigator (2003), Energy Navigator Inc.
- ❖ Fundamentals of Coalbed Methane (2002), John Seidle, Sproule Associates Inc.
- ❖ Naturally Fractured Gas Reservoirs (1998), Dr. Roberto Aguilera, Servipetrol
- ❖ Financial Management in the Petroleum Industry (1998), CIM
- ❖ Horizontal Wells: Design and Application (1994), S.M. Farouq-Ali, SPE/CIM
- ❖ Horizontal Well Technology (1993), Sada D. Joshi
- ❖ Practical DST Interpretation and Applied Petroleum Hydrodynamics (1992), Grant S. Ward
- ❖ Horizontal Wells for Petroleum Production (1992) Roger Butler, University of Calgary
- ❖ Management of Water in Enhanced Recovery (1991), CIM
- ❖ Production Optimization Using Nodal Analysis (1990), OGCI
- ❖ Evaluation of Canadian Oil and Gas Properties (1989), Sproule Associates Limited
- ❖ Applied Reservoir Engineering (1988), OGCI

Memberships

- ❖ Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)
- ❖ Petroleum Society of Canada Institute (PetSoc)
- ❖ Society of Petroleum Engineers (SPE)

Work Responsibilities

- ❖ Conduct reserves evaluations of conventional petroleum and natural gas properties in the Western Canadian Sedimentary Basin, using a variety of engineering software.
- ❖ Co-ordinate and supervise corporate reserves evaluations.
- ❖ Provide expertise in cold heavy oil production and operations.
- ❖ Prepare detailed National Instrument 51-101 compliant evaluation reports.
- ❖ Provide assistance to emerging companies for growth strategies.
- ❖ Provide property acquisition and divestiture assistance.
- ❖ Mentorship and guidance to junior staff.

Previous Employers

- ❖ 1993-1996 **Canadian Natural Resources Ltd., Calgary, AB — Area Exploitation Engineer**
 - ❖ Generated, coordinated and implemented depletion strategies to maximize production and reserves.
 - ❖ Provided engineering input for land sale analysis, exploration plays, land expiries and potential drilling locations.
 - ❖ Evaluated and prepared economic analysis for property acquisitions, divestitures, and swaps.
 - ❖ Prepared regulatory submissions for downspacing, commingling, and waterfloods.
 - ❖ Reserves evaluation and liaison with independent reserves evaluators.
- ❖ 1985-1993 **Koch Exploration Canada, Ltd., Calgary, AB — Area Petroleum Engineer**
 - ❖ Provided reservoir management input to identify opportunities for production optimization, workovers and recompletions.
 - ❖ Specialized in all aspects of heavy oil production and operations.
 - ❖ Designed, coordinated and supervised well workover and servicing programs.
 - ❖ Prepared economic evaluations for property acquisitions and divestitures.
 - ❖ Assisted in preparation of area operating and capital budgets.
 - ❖ Responsible for evaluation of company reserves.

Special Expertise – Emerging Company Evaluations and Analysis

- ❖ Assist emerging small cap/private clients in their acquisition and divestment decisions and analysis. Provide engineering and economic feedback to clients so they can make proper decisions to meet their short and long term strategic goals. Provide production engineering solutions to assist in production optimization projects, field and facility operations, workovers,

recompletions and well testing.