



## **LUCIA M. PRECUL, P.Eng**

### ***Partner***

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Lucy Precul is a Partner of Sproule and has been a Sproule professional since 2002. Lucy has well-developed communication and presentation skills in foreign languages, including English, Spanish, French, Romanian, Italian and Hungarian. Her experience lies in Argentina, Bolivia, Canada and France.

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

- ❖ Reservoir Engineering Technology Diploma (1984), Southern Alberta Institute of Technology, Calgary, Alberta
- ❖ M.Sc. Petroleum Engineering (1969), University of Bucharest, Romania

### ***Memberships***

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

### ***Work Responsibilities***

- ❖ Estimate hydrocarbon reserves 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.
- ❖ Audit client and third party evaluations for the purpose of year-end reports, bank financing, divestitures and acquisitions. Prepare scoping studies for coalbed methane projects in Alberta.
- ❖ Prepare oral and written reports on the results of the reserves evaluations.

### ***Previous Employers***

- ❖ 2001-2002      **Liberty Oil & Gas Ltd.**, Calgary, Alberta — *Senior Reservoir Engineer*
  - ❖ Reservoir engineering for all exploration prospects, production optimization studies and recommendations for oil fields, coordination of annual reserve evaluations, technical liaison for partner-operated properties, prepared applications and submissions to government agencies regarding oil and gas properties.
  
- ❖ 1998-2000      **Marathon Canada Ltd.**, Calgary, Alberta — *Senior Exploitation Engineer*
  - ❖ Exploration and development studies in various areas of British Columbia, production optimization studies for gas fields, risk analyses of exploration prospects, exploration studies in the Northwest Territories.
  
- ❖ 1996-1997      **Independent Consultant**, Calgary, Alberta — *Reservoir Evaluation Engineer*
  - ❖ Development studies and audits for gas fields in Argentina (Medianera) and Bolivia (Vuelta Grande).
  - ❖ Data gathering, translation and evaluation of several oil fields in France.
  
- ❖ 1990-1996      **Czar Resources/Orbit Oil & Gas Ltd.**, Calgary, Alberta — *Manager, Reservoir Engineering*
  - ❖ Designed and coordinated testing programs for new and existing wells. Coordinated engineering projects, conducted development studies, coordinated annual reserve evaluations, served as expert witness at government hearings, evaluated acquisition prospects, and evaluated shut-in wells and supervised tie-in projects.
  
- ❖ 1989-1990      **Talisman Energy**, Calgary, Alberta — *Reservoir Engineer Consultant*
  - ❖ Reservoir engineering consulting on oil and gas projects.
  
- ❖ 1984-1989      **Suncor Resources Group**, Calgary, Alberta — *Senior Reservoir Engineer*
  - ❖ Reservoir and evaluation projects, acquisition opportunities, annual reserve evaluations, waterflood projects, gas deliverability studies, applications and submissions to government agencies.
  
- ❖ 1981-1982      **Partec Lavalin Inc.**, Calgary, Alberta — *Mechanical Process Engineer*
  - ❖ Developed PID's, sizing vessels, pumps, piping systems, and valves.