



## **GEORGE D. STROTHER-STEWART, P.Geol.**

### *Associate*

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George Strother-Stewart is an Associate of Sproule and has been a Sproule professional since 2004. He has experience in Argentina, Brazil, Canada, China, Kazakhstan, Libya, United States, Venezuela, and Yemen.

### *Diplomas and Degrees*

- ❖ B.Sc. Advanced Geology (1983), University of Saskatchewan, Saskatoon, Saskatchewan
- ❖ B.Sc. Biology (1978), University of Saskatchewan, Saskatoon, Saskatchewan

### *Memberships*

- ❖ Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA)
- ❖ Canadian Society of Petroleum Geologists (CSPG)
- ❖ American Association of Petroleum Geologists (AAPG)
- ❖ Canadian Well Logging Society (CWLS)

### *Work Responsibilities*

- ❖ Evaluate geology and petrophysics of oil and gas reservoirs (both sandstone and carbonate), properties and prospects worldwide.
- ❖ Analyze oil and gas plays for potential reserve assessments.
- ❖ Map and model oil and gas reservoirs.
- ❖ Conduct regional geological studies, evaluating exploratory prospects and generating prospects.
- ❖ Generate oil and gas prospects.

## *Previous Employers*

- ❖ 2000-2004     **PetroKazakhstan**, Calgary, Alberta — *Manager, Production Geology*
  - ❖ Management of daily field operations in Kazakhstan.
  - ❖ Development geosciences on existing fields and appraisal of new discoveries.
  - ❖ Supervision of geological and geophysical field operations.
  - ❖ Evaluations of discoveries in East Kumkol, North Nuraly and North Kyzylkiya.
  
- ❖ 1997-2000     **Geokam Resources Ltd.**, Calgary, Alberta — *Consulting Geologist/Petrophysicist*
  - ❖ Geological and petrophysical support, both domestically and internationally
  - ❖ Exploratory reviews of fields in Kazakhstan
  - ❖ Reservoir development studies, Venezuela
  - ❖ Reservoir optimization studies, Libya
  - ❖ Geological interpretations for corporate evaluations
  
- ❖ 1996-1997     **Calvalley Petroleum Inc.**, Calgary, Alberta — *Exploration Manager (International)*
  - ❖ Evaluation and coordination of seismic program in Yemen
  - ❖ Supervision of geological and geophysical activities, Yemen
  - ❖ Selected software and hardware and implemented network

*Geologist, Saskatchewan*

  - ❖ Supervision of development programs for heavy oil properties in western Saskatchewan
  
- ❖ 1987-1996     **Status Engineering Associates Ltd.**, Calgary, Alberta — *Vice-President, Geology*
  - ❖ Supervised geological projects and coordinated regional studies, prospect generation, log evaluations, and wellsite supervision.
  - ❖ Provided geological parameters for reserves determinations, security exchange submissions, and independent bank reports.
  - ❖ Prepared and submitted government regulatory applications.
  - ❖ Carried out field studies throughout Alberta, evaluating stratigraphic zones, analyzing logs, defining reserve cut-off parameters, allocating and mapping reserves, AOF deliverabilities and inputting into a tank-type model to simulate future production (Monte Carlo simulations).
  - ❖ Developed exploratory prospects; core-calibration studies, stratigraphic correlations, petrophysical analyses and stratigraphic mapping.

- ❖ 1977-1987      **Alberta Energy Company Ltd.,** Calgary, Alberta — *Geologist*
  - ❖ Evaluation and identification of both exploration and development drilling prospects in western Canada
  - ❖ Set up and oversee completion programs, including field supervision
  - ❖ Reserves determinations and production optimization

### ***Expertise***

- ❖ Development geosciences on existing fields and appraisal of new discoveries
- ❖ Completion programs and reservoir modelling
- ❖ Setting up operational and capital budgets
- ❖ Development and exploration drilling and recompletions
- ❖ Identification of fractured potential pay zones as potential completion candidates
- ❖ Field operation programs, including mud logging, wellsite supervision and open hole logging programs
- ❖ Geological and petrophysical support domestically and internationally
- ❖ Petrophysical work, including exploratory overviews, reservoir development study, reservoir optimisation study
- ❖ Development of heavy oil properties
- ❖ Provided geological parameters for reserves determinations, security exchange commissions, and independent bank reports
- ❖ Government regulatory applications