



## **JOHN HANKO, P.Geol.**

### *Associate*

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John Hanko is an Associate of Sproule and has been a Sproule professional since 2006. John has extensive domestic and international experience, including Argentina, Australia, Bangladesh, Colombia, Ecuador, Egypt, France, India, Nigeria, the North Sea, Russia, Tunisia and the United States.

### *Diplomas and Degrees*

- ❖ B.Sc. Geology (1988), University of Calgary, Calgary, Alberta, Canada

### *Continuing Education*

- ❖ Recent Sand Models Applied to Alberta Basin Exploration, D. Smith and L. Meckel (1990)
- ❖ Quantitative Log Analysis, E.R. Crain (1990)
- ❖ Petroleum and Natural Gas, APEGGA (1991)
- ❖ Field and Surface Geology, APEGGA (1992)
- ❖ Hydrocarbon Data Systems, Petrophysics/Log Analysis Software Training Class (2001)

### *Memberships*

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

### *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***

- ❖ 2005-2006      **Pengrowth Management Limited, Calgary, Alberta** — *Senior Petroleum Geologist*
  - ❖ Worked with the Business Development team; carried out geological evaluations and identification of upside related to property and corporate acquisitions.
  
- ❖ 1996-2005      **Ryder Scott Company Petroleum Consultants, Calgary, Alberta** — *Vice-President, Geology*
  - ❖ Supervised and coordinated geological and geophysical staff and consultants.
  - ❖ Prepared reserve and economic evaluations for National Instrument 51-101 and SEC filings and property acquisitions and dispositions.
  - ❖ Reviewed clients' property exploitation, optimization and future development plans.
  - ❖ Carried out assessments of geological factors used in the evaluation of oil and gas reserves, identified data requirements, and coordinated data acquisitions.
  - ❖ Attended data rooms in order to provide clients with a comprehensive review of assets.
  - ❖ Carried out correlation of oil and gas zones and surrounding strata, as well as assessing depositional environments, stratigraphy, lithology and reservoir geometry and structure.
  - ❖ Determined net pay thickness and reservoir parameters utilizing well logs, core analyses, drill stem tests, and completion data.
  - ❖ Generated reservoir structural and isopach maps used in determining oil and gas reserves.
  - ❖ Assessed and categorized behind-pipe and undeveloped reserves based on local and regional experience and application of suitable qualitative and quantitative analogs.
  
- ❖ 1994-1996      **T.I.H. Consulting Ltd., Calgary, Alberta** — *Wellsite Geologist*
  - ❖ Wellsite geology on 70+ wells throughout Western Canada.
  - ❖ Carried out directional and horizontal drilling programs, as well as underbalanced drilling, coring and testing on penetration.
  
- ❖ 1989-1994      **Sproule Associated Limited, Calgary, Alberta** — *Consulting Geologist*
  - ❖ Carried out interpretation and evaluation of oil and gas reserves.
  - ❖ Completed well summary sheets, determined net pay thickness, reservoir parameters and drainage areas.
  - ❖ Constructed geological maps used in volumetric determinations of oil and gas reserves.
  
- ❖ 1988-1989      **Various Companies, Calgary, Alberta** — *Consulting Geologist*

### ***Special Expertise***

- ❖ Project management