

**HAROLD J. RYAN, P.Geol.**  
*Geological Coordinator*



## **SUMMARY**

Mr. Ryan has over 18 years experience in the petroleum industry working as a petroleum geologist for enterprises ranging from major Canadian and international producers to small and medium size consulting firms. He has particular expertise in prospect evaluation, both for Western Canadian and international plays as well as petrophysical evaluation of open hole well logs. Mr. Ryan is also knowledgeable in the application of geological concepts to seismic interpretation.

## **EDUCATION**

- University of Calgary, B. Sc. in Geology – 1983
- Seneca College of Applied Arts and Technology, Toronto, Diploma in Cartography – 1978

## **PROFESSIONAL AFFILIATIONS**

- Association of Professional Engineers, Geologists, and Geophysicists of Alberta (APEGGA)
- Fellow of the Geological Association of Canada (GAC)
- Canadian Society of Petroleum Geologists (CSPG)

## **PROFESSIONAL HISTORY**

- Geological Coordinator, Chapman Petroleum Engineering Ltd., 2006-present
- Geological Associate, Chapman Petroleum Engineering Ltd., 1995-1999
- Geological Consultant, Hi-Res GeoConsulting, 1992-1994
- Petroleum Geologist, Unocal Canada Ltd., 1985-1992
- Geological Technician, PanCanadian Petroleum Ltd., 1979-1982

## **KEY PROJECT EXPERIENCE**

### ***Chapman Petroleum Engineering Ltd.***

- Geological and economic evaluations of oil and gas properties required by petroleum companies in support of exchange listings, financing and securities regulations.
- Evaluation of exploratory prospects both western Canadian and foreign including risk analysis component.
- Petrophysical evaluation of open hole well logs using HDS software. Responsible for the acquisition and implementation of digital log analysis software for Chapman Petroleum Engineering.
- On-going geological consulting for clients in regards to evaluation of exploratory prospects and development potential.

### ***Hi-Res GeoConsulting***

- Evaluation of gas reserves and deliverability for Nova
- Creation and editing of synthetic seismograms including replacing incomplete or missing well data using proprietary software

### ***Unocal Canada Ltd.***

- Regional and play subsurface geological mapping working with both geophysicists and engineers.
- Wellsite geological supervision
- Acquisition and divestiture geological evaluations

### ***PanCanadian Petroleum Ltd.***

- Geological support in Exploration department, primarily northeast British Columbia

## **PUBLICATIONS**

### ***CSEG Recorder, Vol. 19 #7, Sept. 1994***

- Ricker, Ormsby, Klauer, Butterworth: A Choice of Wavelets.