

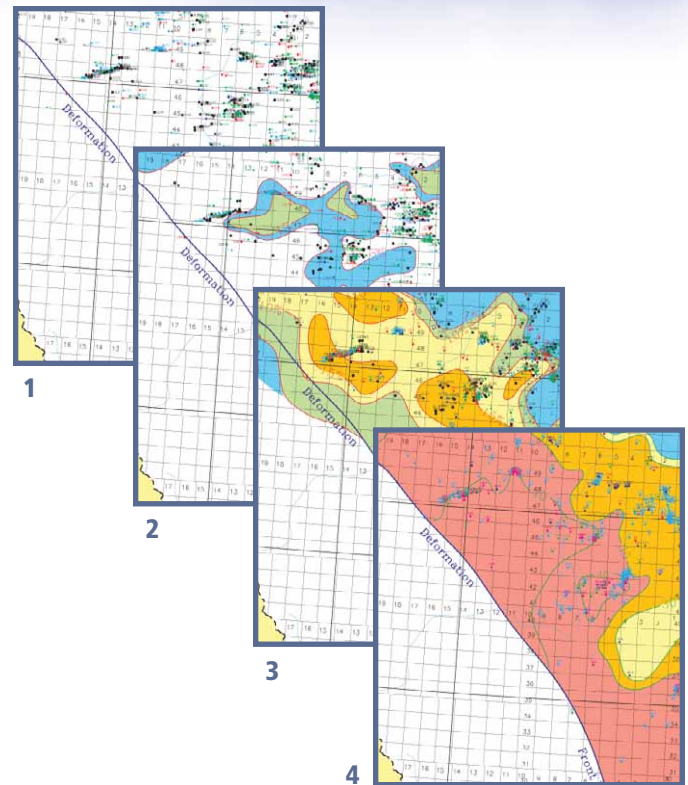
HYDROCARBON CHEMISTRY ATLAS OF WESTERN CANADA

Introduction

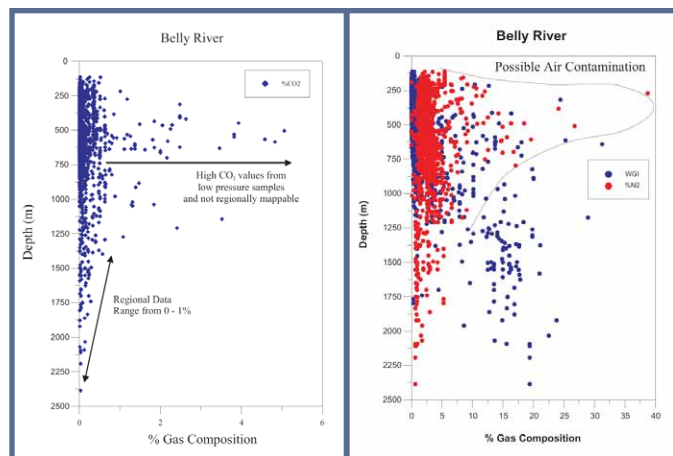
The Hydrocarbon Chemistry Atlas of Western Canada by Rakhit Petroleum Consulting Ltd. (RPCL) represents the most comprehensive study of regional oil gravity and natural gas chemistry variations on an individual stratigraphic basis ever compiled for the Western Canada Sedimentary Basin (WCSB). The current project synthesizes the wealth of publicly available information on fluids to provide a geochemical atlas of natural gas and oil compositions of the WCSB. The atlas enhances exploration and development activities by illuminating regions with high concentrations of acid gases and low gravity oils, locally distinct wet gas or natural gas liquids fairways and regions of light gravity oil.

The Hydrocarbon Chemistry Atlas:

- Enables simple inferences about basin scale hydrodynamics to be made from the regional mapping
- Provides detailed information with regards to economically important anomalies
- Identifies potential producing horizons
- Reduces data acquisition and screening costs



Excerpts from Belly River Maps -
1. %CO₂, 2. %N₂, 3. Wet Gas Index, 4. API Oil Gravity



Supporting chemistry versus depth cross-plots provide additional insights and observations

Deliverables

- Carbon dioxide (CO₂), hydrogen sulfide (H₂S) or nitrogen (N₂), wet gas index (WGI) and API Oil Gravity maps for 16 stratigraphic horizons
- Contours highlighting regional trends within map units
- Relevant cross-plots comparing chemistry and depth
- Delivered digitally (PDF) on CD-Rom

Atlas Pricing

Digital Format - \$10,000 + GST