

Nova Scotia Energy Research and Development Forum 2012

Kris Kendell

Biography

Kris Kendell is a Petroleum Geophysicist with the Canada-Nova Scotia Offshore Petroleum Board. He is part of the resource assessment team within the department where he undertakes petroleum resource assessments for the Scotian Margin, prepares information for call for bids packages and other geophysical regulatory duties.

He began his professional career with Canadian Seabed Research Ltd. as a marine geophysicist in 2001. There, his responsibilities included the acquisition and interpretation of various geophysical data including seismic and sidescan sonar for shallow geohazard assessments and pipeline route determination. In 2004 he began working with the Nova Scotia Department of Energy as a Petroleum Geophysicist where his primary role consisted of interpreting both onshore and offshore seismic. Kris also spent time traveling to other parts of the world to participate in oil and gas and geoscience promotional venues to deliver presentations regarding Nova Scotia's energy potential. He joined the Canada-Nova Scotia Offshore Petroleum Board in 2007.

Kris has a Bachelor of Science (Hons.) in Geology from Saint Mary's University and 11 years of experience working in the oil and gas industry. He has experience working offshore Nova Scotia, Newfoundland, Canadian Beaufort Sea and the Russian Sea of Okhotsk.

Presentation Abstract: Prospectivity of the central Scotian Slope and the Abenaki and Sable Subbasins

The Canada-Nova Scotia Offshore Petroleum Board established a rolling three year forecast for Board posted Calls for Bids lands. The study area designated for the 2012 Call for Bids is the central Scotian Margin which includes the central Scotian Slope and the Abenaki and Sable Subbasins. CNSOPB geoscience staff have undertaken a geological and geophysical study of these basins to accompany the Call for Bids. The resulting geoscience package includes regional scale maps of key geological sequences, identification of leads, an overview of the petroleum system and the exploration history of the basins. On the shelf, oil and gas discoveries, unsuccessful wells and undrilled leads are compared to a suite of thickness and structure maps in an effort to explain well results and locate overlooked exploration targets. Geoscience efforts for the central Scotian Slope focused on identifying leads and documenting sediment transport systems that may deliver clastics to deep water. This assessment of the forecasted 2012 Call for Bids area highlights the potential within the central Scotian Margin.