Reprocessing the East Coast Canada Stonehouse Survey with 3D SRME and Hybrid Layer Tomography PreSDM

Todd Mojesky[1], Ali Karagül[1], Bill Goodway[2], Chris Szelewski[2], and Martin Dashwood[2]
[1]CGGVeritas, Calgary, AB, Canada; Todd.Mojesky@cggveritas.com
[2]EnCana Corp., Calgary, AB, Canada

Abstract/Excerpt

During the original processing of the Stonehouse 3D project through a PreSTM sequence, the biggest challenges were the handling of statics and multiples generated by a very rugose waterbottom. EnCana considered reprocessing the 3D to take advantage of the latest developments in processing technology by using 3D SRME and hybrid layer tomography PreSDM velocity model building to enhance the imaging of the zone of interest below the Base Tertiary.