

SEISMIC EXPLORATION

Volume 14

VERTICAL SEISMIC PROFILING: PRINCIPLES THIRD UPDATED AND REVISED EDITION

by

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vertical
seismic
profiling

VSP well

the conflict between geophone deployment in vertical and horizontal seismic profiling.

A seismic profile is closely related to a velocity survey since the source and receiver locations are the same for both measurements. However, the following major differences exist between a vertical seismic profile and a velocity survey: (1)