عنوان مقاله:

Multiple attenuation with deterministic deconvolution using VSP data

محل انتشار:

چهاردهمین کنفرانس ژئوفیزیک (سال: 1389)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

Estimation of accurate deconvolution operator using VSP downgoing waves has been considered as an efficient method to suppress multiples. Practical experiments show that while using the VSP deconvolution operator, seismic source wavelet not be eliminated completely. The residual wavelet presented in seismic data makes some miss matching between VSP corridor stack and surface seismic. Contamination of seismic data with wavelet would be led to uncertainty in further study such as seismic inversion. This also makes the mistake through the interpretation of seismic events. In this approach, application of shaping deconvolution using upgoing waves on seismic data shows a good agreement between VSP and surface seismic data. The final results after this methodology had pleasant corresponding with synthetic seismogram generated by well logs and met the geological events logically

کلمات کلیدی: