

Abstract

Amplitude-versus-angle Analysis for Quantitative Interpretation

Amplitude-versus-angle analysis for quantitative interpretation can include creation of a plurality of angle gathers from imaging a subsurface location with multiples in a near-offset range and imaging primaries outside the near-offset range and application of an amplitude-versus-angle analysis to the plurality of angle gathers to produce a quantitative interpretation pertaining to the subsurface location.

Fig. 11