

# Interpretation of three-dimensional seismic data

## American Association of Petroleum Geologists - INTERPRETATION OF THREE DIMENSIONAL SEISMIC DATA 6TH EDITION



Description: -

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Women -- Scotland -- Drama.

Sweden -- Commerce.

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Customs administration -- United States.

Petroleum -- Geology -- Methodology.

Sesimic reflection method.

Seismology -- Methodology. Interpretation of three-dimensional seismic data

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AAPG memoir ; Interpretation of three-dimensional seismic data

Notes: Includes bibliographical references and index.

This edition was published in 1991



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Tags: #Structural #Interpretation

### Seismic interpretation

This is the fundamental property of the horizontal section from which all its unique interpretive value derives. The technique described here is particularly robust and well documented. Otherwise, free from major defect.

### Structural Interpretation

If two seismic reflection events, A and B, are separated by an appreciable seismic time interval a few hundred milliseconds yet are conformable to each other that is, they parallel each other, then the uniform seismic time thickness between these two events represents a constant and fixed period of geologic time throughout the seismic image space spanned by reflectors A and B. Pages and cover are clean and intact. The first-order faults still displace strata at this shallow level, but most second-order faults have terminated at deeper depths and no longer cause reservoir compartmentalization.

### Structural Interpretation

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### Interpretation of three

Thus a sand has a reflection from the top and another from the base.

### Interpretation of three

When a selected is extended across the complete seismic image space, the geometrical configuration of that chronostratigraphic surface can be displayed as a structure map. Please note the Image in this listing is a stock photo and may not match the covers of the actual item, 2350grams, ISBN:9780891813521. Access codes may or may not work.

## **Stratigraphic Interpretation**

About this Item: American Association of Petroleum Geologists, 1986.

## **Seismic interpretation**

The second step of the structural interpretation procedure is to transfer the fault pattern defined by coherency data to the associated 3D seismic wiggle-trace data volume.

## **Introduction**

Blue cloth covers with gold title on cover and spine; no jacket; minor wear to covers with slightly heavier wear at edges; minimal library markings to end papers, no pocket, otherwise pages are clean and unmarked; heavily illustrated in color and black and white; 194 pgs. Note that the reflections indicate largely flat-lying beds.

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