综合研究

GeoEast地震属性技术在东坪地区地震综合解释中的应用

程玉红, 马新民, 雍学善, 刘小梅, 倪祥龙

中国石油勘探开发研究院西北分院, 甘肃兰州 730020

Seismic comprehensive interpretation in Dongping area with seismic attribute approaches provided by GeoEast

Cheng Yuhong, Ma Xinmin, Yong Xue-shan, Liu Xiaomei, Ni Xianglong

Northwest Branch, Research Institute of Petroleum Exploration & Development, PetroChina, Lanzhou, Gansu 730020, China

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摘要 现今油气勘探目标已逐步向岩性、裂缝、断块等隐蔽油气藏转移，勘探难度加大，因此要求充分挖掘、利用地震资料中的丰富地质信息，同时结合地质、钻井等资料对地震资料进行精细构造、储层、流体性质等综合解释。地震属性技术是目前广泛应用于地震资料综合解释的有力工具。本文简述了地震属性技术及其发展，通过实例充分展示了GeoEast解释系统提供的地震属性技术在精细构造解释、储层预测及油气检测等方面的良好应用效果。

关键词： 地震属性技术 地震资料综合解释 储层预测 精细构造解释 油气检测 阿尔金斜坡

Abstract： With the exploration development, non-structured concealed reservoir such as lithologic reservoirs, fractures, and fault blocks are drawn more and more attention. Trying to seek abundant geologic information from seismic data, geophysicists make a comprehensive interpretation with geological and drilling data to find out structures, reservoirs and fluid property. Seismic attributes extracted from seismic data represent specific geologic characteristics and are considered as good means of seismic data comprehensive interpretation at present. We discuss in this paper seismic attribute approaches provided by GeoEast, and use them in accurate structure interpretation, reservoir prediction and hydrocarbon detection in Dongping area, Altun Slope.

Keywords： seismic attribute comprehensive seismic data interpretation reservoir prediction accurate structure interpretation hydrocarbon detection Altun Slope

About author: 程玉红 工程师，1966年生；1986年毕业于河北涿州石油物探学校物探专业；主要从事地震资料解释及含油气构造地质学研究；现在中国石油勘探开发研究院西北分院致力于物探及构造地质领域的研究。

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