

Exploratory Analysis in the Cretaceous - Paleogene Tectonostratigraphic Framework for the Mantecal Area, Apure sub-basin

Jose Marcano, Nubia Santiago, and Crelia Padron

Abstract

The aim of this study was to generate a tectonostratigraphic framework for Mantecal Area based on seismic stratigraphic application to evaluate petroleum system elements and propose future exploration opportunities. Methodology consists of four stages, from petroleum system evaluation in a regional project: database compilation, basin analysis, petroleum system elements characterization and exploratory opportunities identification, such as plays, in order to understand the genesis and hydrocarbon habitat.