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Offshore Litoral de Tabasco Fields, Southeastern Mexico

A set of 11 fields of light oil and condensate (30°- 51° API) has been discovered since 1989 in the southern part of the Gulf of Mexico, in the area known as Litoral de Tabasco. This area is located in the southwestern part of the Campeche Sound which is Mexico's most important petroleum province. Maximum water depth in the Litoral de Tabasco is 35 meters and the main reservoirs are Kimmeridgian dolomitized oolitic banks and Cretaceous fractured carbonates, deposited in an open platform.

New 3D seismic surveys have led to new interpretations and appraisal studies that have defined properly the structure of the fields. As a result, reserves have increased from 670 mmboe to 2048 mmboe. On the other hand, new concepts have led to a new exploration strategy in which the potential of the Tertiary siliciclastic section will be evaluated.

This paper outlines the original concepts, guide discoveries and new integrated models that have defined this new strategic area in the Campeche Sound.