

# FIELD SIZE DISTRIBUTION AND EXPLORATION EFFICIENCIES BY DEPTH ZONES IN THE GULF COAST AREA

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## ABSTRACT

This paper illustrates some of the results of an extensive series of analysis of the field size distributions and discovery rates observed in the main producing provinces of the U.S. The analysis deals with the relationships between explorer drilling density (feet per cubic mile of sediment) and (a) corresponding field size distribution; and (b) hydrocarbon discoveries. The results focus on the successive depth zones in the onshore Gulf Basin and they distinguish between oil and gas. This analysis by depth zones can be used to develop estimates of the ultimately discoverable hydrocarbon resources in the various horizons of U.S. basins

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