ABSTRACT

A search for stratigraphically trapped hydrocarbons was conducted in fifteen counties of South Texas over a period of three years. Thirty-six exploratory wells were drilled to the Sligo Formation. None of these exploratory efforts encountered commercial hydrocarbons.

The primary area of exploration was the Lower Cretaceous shelf area of the Gulf Coast Basin. The main objective was the Cow Creek member of the Pine Island group. Other members of the Pine Island group which overlie the Cow Creek and the Pine Island group which underlie it, and are updip 50 feet of porous carbonate. The Lower Glen Rose is represented by a series of deltaic and offshore reefs which underlie it. The Lower Glen Rose reef is possible location of stratigraphic traps.

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