



Outcrops and exotic boulders of Miocene - Cretaceous reservoirs and their exploration implications

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The study of surface outcrops allows the Geoscientist to make a reasoned prediction and provide insights into the subsurface. However, the tropical climate, legal and unauthorized quarrying both cause these outcrops to be short lived and need to be studied as they are created. Most of the type localities used to define the various formations in Trinidad no longer exist, are inaccessible or defined from wells, the researcher also needs to rely on the published literature.

Since the Kugler surface geology map was published in 1959 many refinements and additions have been made incorporating well data from the various acreage holders, however, nearly all of that well data is still confidential, in some cases for the past 100 years. The Tamana, Ciperó (Retrench & Herrera sand members), San Fernando (Mt. Moriah Glauconitic Sand member), Point-a-Pierre, Lizard Springs, Naparima Hill, Gautier and Cuche Formations will be reviewed in this study.

The spatial distribution, lithology and sedimentary features of these formations will be integrated with published literature to make predictions about their hydrocarbon prospectivity.