

Preface

The author worked at Sonatrach of Algeria (Société National de Transport et de Hydrocarbures) for seven consecutive contracts over more than a decade, being in charge of the Triassic Province of Algeria, besides having responsibility for the Database Retrieval System (PetroData System), established in 1970 by the Exploration Directorate.

The author started his career with Sonatrach as a District Geologist Engineer in northern Algeria, and later worked with an international group from Technoexport (1971) on the Triassic Province of the Algerian Saharan platform.

Several projects were accomplished:

1. In 1970–1972, he carried out detailed structural and stratigraphic studies of the Triassic reservoirs, and defined the limits of deposition of the Triassic basin in Algeria.
2. Later, he established a computer application for a lithostratigraphic correlation chart of the sedimentary formation ($3\frac{1}{2} \times \frac{1}{2}$) m, as a type model for the Arabian Maghreb region (northwestern Africa), which can be further extended to cover North Africa.
3. He was in charge of the Database Retrieval System (PetroData System), as a liaison with the exploration districts to supervise and manage the quality of the input well data, as well as the geological, drilling, productive, and geophysical data, etc., in order to define and formulate retrieval requests for computer extraction procedures. He provided corrections and improvements to refine the edit, validation, and cross check functions of the maintenance subsystem.

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