

# JOSEPH MUSTACCHIA, JR.

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## PROFESSIONAL QUALIFICATIONS

### EDUCATION:

B.S. Geology, Louisiana State University, 1955

### PROFESSIONAL ASSOCIATIONS:

American Association of Petroleum Geologists  
Houston Geological Society

### AREA OF EXPERTISE:

Over fifty years of industry experience related to the developing and managing of exploration and development programs, review and analysis of client company oil and gas properties, preparation of geological interpretations for asset review, financial and governmental reporting and testimony to regulatory agencies on both state and federal level.

**Geological Evaluations** – Has prepared studies relating to the reserve potential of the majority of the producing basins of the United States and Canada. The fields and properties covered in such studies are located in the States of Alabama, Alaska, California, Colorado, Florida, Kansas, Kentucky, Louisiana, Michigan, Mississippi, Montana, New Mexico, New York, North Dakota, Oklahoma, Pennsylvania, South Dakota, Texas, Virginia, West Virginia, Wyoming and the Canadian Provinces of Alberta, British Columbia and Saskatchewan.

**Reservoir Evaluations** – Has prepared numerous reserve estimates of oil and gas properties for use in financing, engineer's certificates, reports to the FERC, SEC and state commissions, and economic analyses for the sale and purchase of oil and gas properties. In connection with this work, I have testified before the Louisiana Department of Conservation and have given oral depositions in Federal and State Courts; have prepared reports and exhibits which have been used in hearings before the FERC and reports which have been submitted to the SEC for public financing.

**Storage Reservoirs** – Has prepared a number of studies relating to the storage capacity and deliverability of depleted oil and gas fields.

### SUMMARY OF EMPLOYMENT:

#### **Ralph E. Davis Associates, Inc. (1968 – Present)**

**Executive Vice-President and Treasurer** - Responsible for the operations and financial matters pertaining to the Company, the preparation and supervision of preparation of oil and gas reserve and deliverability studies for use in financing, reporting to governmental agencies, acquisition or sale of properties, and as testimony in hearings or litigation. Supervised field redevelopment studies including the integration of geologic models and subsurface geology with engineering review of individual well potential.

**Vice President** - Primary function was as an account executive for a number of major clients having responsibility for the preparation and supervision of reserve studies of oil and gas properties for use in financing, engineer's certificates, reports to the FERC, SEC and state commissions, and economic analyses for the sale and purchase of oil and gas properties. In connection with this work, I have testified before the Louisiana Department of Conservation and have given oral depositions in Federal and State Courts; have prepared reports and exhibits which have been used in hearings before the FERC and reports which have been submitted to the SEC for public financing.

**Geologist** - Responsible for the preparation of studies of oil and gas reserves, the rates of production of those reserves, evaluation reports of oil and gas properties and studies of the reserve potential of a number of producing basins. The fields and properties covered in such studies are located in the States of Alabama, Alaska, Colorado, Kansas, Louisiana, Mississippi, Montana, New Mexico, North Dakota, Oklahoma, South Dakota, Texas and Wyoming.

**Phillips Petroleum Company, Houston, Texas (1955 – 1968)**

**Associate Development Geologist** - Made regional geological studies relating to pool development and exploration programs. Prepared studies of oil and gas reserves of fields in Lafayette District and special studies relating to reservoir performance, abnormal pressures, unitizations and hearings before Louisiana Department of Conservation, workovers, farm-outs and farm-ins. Also, designed logging programs and log analysis studies for all exploration and development wells drilled in the district. Supervised the training program for trainees in the district.

**Development Geologist** - Prepared detailed subsurface studies for field development programs, workover programs and various special projects relating to the Gulf Coast. Performed routine well site geology, log analysis and reserve studies.

**Paleontologist** - Responsible for initiating and conducting a program for the identification of paleontological markers for the outer continental shelf of Louisiana. Made various ecological and stratigraphic studies of the Gulf Coastal Plain.