

EDUCATION

- ◆ University of New Mexico
BS in Civil Engineering, 1952



PROFESSIONAL LICENSES and SOCIETIES

- ◆ Registered Civil Engineer, California, 12368
- ◆ Professional Engineer, New Mexico and Nevada (inactive)
- ◆ Registered Agricultural Engineer, California, 417
- ◆ Member, American Society of Civil Engineers

EXPERIENCE

- 1992 - Present **MBK Engineers (formerly Murray, Burns & Kienlen), Sacramento, CA**
Consulting Civil Engineer
Water supply, water rights, hydrology, irrigation, groundwater and related issues.
- 1965 - 1991 **Murray, Burns & Kienlen, Sacramento, CA**
Principal and Civil Engineer
Specializing in the fields of hydrology, hydraulics, irrigation, drainage, groundwater, water supply, water rights, project feasibility and related problems. During this period the principal engineer for the firm responsible for most of the water right activities.
- 1957 - 1965 **California State Water Rights Board, Sacramento, CA**
Engineer
Staff engineer for Board during extended public hearings on applications for permits to store and divert water including the Central Valley Project.
- Mar. - Nov. 1957 **Department of Water Resources, Sacramento, CA**
Engineer
Groundwater monitoring system.
- 1952 - 1957 **New Mexico State Engineer's Office**
Engineer
Initially conducted hydrologic surveys and studies required for the administration of groundwater basins throughout the State. Finally, as Assistant Chief of Water Rights Division, approved or denied applications to appropriate groundwater and supervised three watermaster services, including one involving an inter-state compact.