

NAME JAY LAZARUS

TITLE President / Senior Geohydrologist, Glorieta Geoscience Inc.

EXPERIENCE SUMMARY **More than 43 Years of Experience Encompassing the Following Areas:**

- Water resources development and planning
- Water rights adjudication/litigation support
- Project management, cost control, and administration of complex projects
- Drilling supervision, well design, lithologic description of cuttings and continuous core, evaluation of geophysical logs, and development of drilling specifications
- Development of programs for conducting aquifer tests and sampling of discrete ground water zones in multi-aquifer systems
- Groundwater basin analysis
- Development of hydrogeologic framework for multilayer ground water models
- Regulatory development
- Qualified as expert 20 times in geology, hydrology, geomorphology subjects
- Wastewater reuse projects
- Watershed analysis and perennial yields

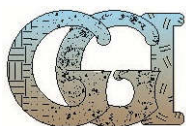
SELECTED PROJECT EXPERIENCE

Summary of Select Projects and Project Management:

- Principal-in-Charge for City of Jal water resource development and protection. Assess all City water rights, West Well Field production and replacement well(s), negotiate SUA with mineral rights Develop City strategies for water rights protest and negotiate protest settlements.
- Principal-in-Charge for Nye County, Nevada Nuclear Waste repository Office; water resource development, multi-layer ground water model development with USGS and Nevada State Engineer for the Death Valley flow system, evapotranspiration studies for determination of basin water budget and evaluation of radionuclide transport from the Nevada Test Site and Yucca Mountain Project, Pahump Valley water rights administrative model
- Principal-in Charge for Compliance with Globe Equity Decree Water Adjudication (AZ vs CA) for 2800 acres under Sunset and New Model Canals in NM
- Co-Principal-in-Charge for Hydrology and Water Quality Lawsuits on behalf of Gila Valley Irrigation District and Franklin Irrigation District, AZ (35,000 acres)
- Principal-in-Charge for hydrology, water rights, water quality and soils analyses for purchase of 17,000,000 acres of pecan farms for confidential farming clients in New Mexico, Texas and Arizona.
- Principal-in-Charge for development and comingling 24,000 ac-ft of artesian and shallow ground water rights for Pirtle Farms and Dairy.
- Principal-in-Charge for development of strategies to put 17,000 ac-ft to beneficial use for the Moapa Valley Water District, Nevada
- Managed more than 100 water rights projects for numerous municipal, industrial, agricultural and commercial clients throughout New Mexico, Nevada and Texas
- Managed water rights for >50,000 ac-ft in the Lower Pecos River

EDUCATION

M.S. Program, University of Arizona, 1975-1978
B.S. Geoscience, University of Arizona, 1975
B.A. History, University of Illinois, 1972



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