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RESUME

STEVE T. FINCH, JR.

EDUCATION

1991	Northern Arizona University, Flagstaff, AZ Master of Science Degree in Geology, thesis topic in Aqueous Geochemistry
1985	Sul Ross State University, Alpine, TX Bachelor of Science Degree in Geology with Chemistry minor
1984	University of Texas, San Antonio, TX Undergraduate studies
1981	University of Montana, Missoula, MT Undergraduate studies

WORK EXPERIENCE

1994-present	John Shomaker & Associates, Inc., Albuquerque, NM Senior Hydrogeologist-Geochemist (Principal-Vice President)
1990-1994	John W. Shomaker, Inc., Albuquerque, NM Hydrogeologist-Geochemist
1988-1990	Bilby Research Center Geochemistry Lab, Northern Arizona University Geochemist
1985-1988	Mineral Exploration in Arizona and southwestern U.S. Contract Geologist
1982-1985	Bassett Construction, Alpine, Texas Construction worker
1981-1982	Atkinson Petroleum, San Antonio, Texas Apprentice Geologist

Responsibilities include

- hydrogeologic investigations related to ground water resource development and water quality issues, aquifer test and interpretation, water-quality monitoring and sampling plans, ground-water flow and contaminant transport modeling, and well-site geology.

Summary of major projects

- analysis of deep well injection on formation damage and aquifer protection, Northern San Juan Basin
- develop ground-water flow model for the Florida Mesa area, La Plata County, Colorado to evaluated effects from proposed developments.
- evaluation of rehabilitation options for the city well field, City of Santa Fe, New Mexico

- aquifer storage and recovery feasibility analysis and pilot study for La Luz Well Field, City of Alamogordo, New Mexico
- develop ground water flow model for the Jornada Basin, Dona Ana County, New Mexico
- performance evaluation of Tailings Pond 7 Interceptor Well Field, Chino Mines Company, Hurley, New Mexico.
- development of regional ground-water flow model of the Ortiz Mining Grant area in support of water-right transfer and modification.
- sustainability analysis of ground-water supply and ground water exploration program for Cobre Mining Company Operations.
- water-resource assessment for the Tularosa-Salt Basins and Alamogordo 40-year water plans.
- Project manager on hydrogeologic studies relating to La Luz Well Field, City of Alamogordo
- Desalination feasibility study for the Tularosa Basin, subcontracted to Livingston Associates.
- Hydrogeologic analysis and development of ground water flow model for Wild Horse Flat area, Culberson County Groundwater Conservation District, Far West Texas.

PROFESSIONAL SOCIETIES AND CERTIFICATIONS

- New Mexico Environment Department, Underground Storage Tank Bureau
  Certified Scientist, Certificate No. 003
- Texas Board of Professional Geoscientist
  Certified Professional Geoscientist, #5302
- American Institute of Professional Geologists
  Certified Professional Geologist; Certificate No. 9590
- International Association of Geochemistry and Cosmochemistry
- American Water Resources Association, New Mexico Section (Past President)
- National Water Well Association

PROFESSIONAL DEVELOPMENT

- Course work at University of New Mexico: Vadose-Zone Hydrology (Spring 1993)
- Environmental Education Enterprises' course on: modeling groundwater flow and contaminant transport (July 1995)
- Visual MODFLOW: The most widely used software package for MODFLOW, MODPATH, and MT3D, National Ground Water Association, (Feb. 1999)
- Environmental Isotopes in Ground Water Resource and Contaminant Hydrogeology, National Ground Water Association course #394, (March 2002)

Author and Co-Author of numerous ground-water studies available in the public record as consultant's reports.