

Roger L. Bowers
1305 Bell Avenue
Ely, Nevada 89301

PROFESSIONAL EXPERIENCE

1987 to present: ROGER BOWERS & ASSOCIATES (“RBA”), Owner

Consulting geologist specializing in geothermal exploration and in computer applications for geologic mapping and modeling. RBA provides geological services that include geological mapping, well-drilling supervision, geochemical and geophysical surveys, heat flow studies, photogeology and satellite imagery interpretation, regional geological studies, data evaluation, 2-D and 3-D geologic modeling, computer applications, and overall resource evaluation. Geothermal clients have included Ormat, Inc., AMP Resources, Enel North America, TDX Power Inc. and others.

1997 to 2002: TERRACON, INC., Founder/Owner/Director/Officer

Co-founder, Chairman, and President. Founded Terracon, Inc., a Texas corporation, to expand the consulting services and expertise of Roger Bowers & Associates. Terracon served both the geothermal and mineral industries by providing experienced exploration and property evaluation programs utilizing computer modeling techniques for geology. Terracon was a subcontractor to the U.S Department of Energy “GeoPowering The West” program.

1987 to 2007: LIGHTNING DOCK GEOTHERMAL, INC., Owner/Director/Officer

Director, Vice President and Secretary. Also technical advisor to this private New Mexico corporation which owned a producing geothermal lease in southwestern New Mexico. Successfully planned and conducted a \$2.0-million exploration program from 2000 to 2004 under the U.S Department of Energy “GeoPowering The West” program.

1975 to 1987: HUNT ENERGY CORPORATION, Dallas, Texas

June 1983 to February 1987: Manager of Geothermal Department: Managed all aspects of a multi-million-dollar geothermal exploration program, including all exploration surveys, drilling operations, environmental programs, technical and economic evaluation of properties, contract negotiations and department budgets and staff.

September 1979 to June 1983: Senior Geologist and Geothermal Operations Manager: Successfully explored more than 40 prospects covering two million acres in the Western United States. Initiated, developed, and supervised transition of geothermal records and data to computer systems and developed computer applications for resource modeling.

October 1975 to September 1979: Geothermal Geologist: Planned and supervised all field exploration and environmental surveys, data acquisition, and prospect evaluation. Managed surveys including geologic mapping, drilling, electrical resistivity, magnetotellurics, gravity, ground and air magnetics, seismic, soil mercury, soil gasses, and water chemistry.

Coordinated and supervised environmental surveys and other geo-technical studies as required by federal and state government agencies.

PARTIAL LIST OF GEOTHERMAL PROJECTS (Nevada and Utah only)

Nevada

Carson Sink	McFarland Hot Springs	San Emidio
Dixie Valley	Monte Neva Hot Springs	Steamboat
Gerlach/Fly Ranch	Rye Patch	Stillwater
Hazen	Salt Wells	Tuscarora

Utah

Abraham Hot Springs	Newcastle
Black Mountains (Thermo)	Roosevelt Hot Springs
Cove Fort Region	Wasatch Front

EDUCATION

The University of Texas at Arlington, 1971-1975.

Master of Science Degree in Geology, May 1975

Thesis: Petrography and Petrogenesis of the Alibates Dolomite and Chert (Permian), Northern Panhandle of Texas.

Achievements and honors:

American Association of Petroleum Geologists: Research Grant, 1974.

Dallas Geological Society: Scholarship Award, 1974-75.

Sigma Xi, The Scientific Research Society: Research Grant, 1974-75.

Sigma Xi, The Scientific Research Society: Outstanding Student Research Award.

Bachelor of Science Degree in Geology, December 1972

[1969-1971: Active Duty, United States Army, Field Artillery, Fort Sill, Oklahoma]

University of Utah, Salt Lake City, 1963-1969.

Undergraduate, geology major, 1966-1969

Undergraduate, electrical engineering major, 1963-1966

PROFESSIONAL AFFILIATIONS

Licensed Professional Geologist, State of Oregon

Licensed Professional Geologist, State of Utah

American Association of Petroleum Geologists (AAPG)

Society for Mining, Metallurgy, and Exploration (SME)

Geothermal Resources Council (GRC)