

LOUIS E. CAPUANO, JR

2455 Bennett Valley Rd., Ste. A112 • Santa Rosa, CA 95404 • lcapuano@capuanoengineering.com • (707) 595-8740

Petroleum Engineer/CEO

- Proven ability of creating geothermal engineering services companies
- Highly sought after speaker and instructor at industry conferences and courses
- Experienced in working in all major geothermal fields throughout the world

Education

UNIVERSITY OF SW LOUISIANA, Lafayette, LA

December 1971

Bachelor of Science in Petroleum Engineering

Work Experience

CAPUANO ENGINEERING COMPANY, Santa Rosa, CA.

Founder/President/CEO

January 2012 to Present

- Founded Capuano Engineering Company to be the leading geothermal engineering company specializing in all forms of geothermal resources, both domestic and international
- Provide resource engineering on drilling projects for both exploration and development
- Provide project management, drilling plan development, drilling program design, materials, services, and technologies, as well as establishing cost control analysis
- Perform resource testing and verification

THERMASOURCE INC., Santa Rosa, CA.

Founder/President/CEO/Chairman of the Board

May 1980 to January 2012

- Specialized in geothermal drilling engineering expertise and drilling engineering designs
- Developed company into a multi-level service provider, including drilling rigs, geothermal well cementing, mud logging, drilling mud company, and an exploration geologic and geophysical consultant company
- Worked in New Mexico on the first Enhanced Geothermal System project in the United States
- Designed and supervised the drilling of the SAFOD well to drill to and penetrate the San Andrus Fault
- Consulted on and supervised drilling projects in all major geothermal fields throughout the world

THERMOGENICS INC., Santa Rosa, CA.

Drilling Manager

September 1977 to September 1979

- Responsible for all drilling activities in the Rorabaugh Geothermal Steam Field in the Geysers area of Northern CA
- Assisted in maintaining electric generation of a PG&E 55 MW geothermal power plant at maximum capacity

AMINOIL USA, Santa Rosa, CA

April 1974 to September 1977

Drilling Engineer

- Established the Geothermal Division office in the Geysers area of Northern CA
- Assisted in the development of an exploration drilling program
- Provided drilling engineering services, inventory and cost control, budget preparation, compliance with regulatory agencies, and land use permits

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SIGNAL OIL AND GAS COMPANY, Lafayette, LA

December 1971 to April 1974

Drilling Engineer

- Worked on land rigs, inland barge rigs, offshore platforms, jack-up drilling rigs, and semi-submersibles

PUBLICATIONS

"Prevalent Geothermal Drilling Practices" presented in China in 1983.

"Geothermal Drilling vs. Oil and Gas Drilling, A Comparison" presented at the GRC annual meeting in 1985

"Geothermal Drilling Practices of The Geysers", written and presented at annual SPE meeting in Long Beach California in 1980. Later published in "World Oil" in 1981.

"Overview of Geothermal Drilling Practices" by L.E. Capuano, Jr., presented at the GRC annual meeting 1991, October 4-6, 1991

"The Influence of Bentonite Source of the Use of Mixed Metal Oxide Drilling Fluid Systems for Geothermal Drilling"; Paluk, B.; Oakley, D.; Rodriguez, C.; Capuano, L. E. Jr. 2004, GRC Transactions, Volume 28, No. N/A

"Drilling Horizontal Geothermal Wells in the Geysers", Capuano, L. E. Jr.; Hamblin, J.' Eney, S.; Smith, B., Nickels, N.; Mohammed, H., 2005 GRC Transactions, Volume 29, No. N/A

SYNERGISTIC ACTIVITIES

Member of the Geothermal Resources Council since 1975. Board of Directors member since 1991 and Executive Committee member since 1995. GRC Vice President 1996-98. GRC President 2001-2002. Winner of prestigious Aidlin Award in 2002. Continues as member of the GRC Board of Directors until present.

Member of the Board of Directors of the Geothermal Energy Association form 1999 to present.

Member of the founding Committee of the Geysers Geothermal Association and served as President from 1983-85. Board of Directors member since founding of organization and member of the Executive Committee until 1991.

Member of Industry Advisory Panels for LBL, DOE, Los Alamos National Lab, Sandia National Lab.

Has presented papers and performed duties as instructor and organizer at numerous geothermal workshops and seminars.