

LOUIS ELLIS CAPUANO III

leciii@capuanoengineering.com

Petroleum Engineer

- Ability to plan, organize, and manage assigned activities for various projects which includes evaluating technical needs; creating innovative plans and solutions and monitoring the project to ensure compliance with goals and objectives.
- Eager to meet new challenges and assimilate new concepts and ideas quickly.
- Diverse self-starter able to interpret task directions and provide solutions in a timely manner.
- Skilled in the use of drilling rig components, reservoir mechanics instrumentation, as well as drilling fluid design and maintenance.

Education

LOUISIANA STATE UNIVERSITY, Baton Rouge, LA

August 2006

Bachelor of Science in Petroleum Engineering

- Concentration in Drilling / Well log Analysis:
Casing Design, Log Correlation / Interpretation, and Well Design / Drilling / Maintenance.
- SPE Member
- AADE Member

Team Design Projects:

- "Geopressured Electric Power Generation from produced well water in Louisiana" – Collected/Interpreted Data, Created Equations - to qualify/quantify power generation from produced hot waste water in oil/gas wells. To make it possible for production facilities to electrically power themselves.
- Reservoir Simulation – using Eclipse – Constructed a Data file with historic well data. Through interpretation was able to convert production wells to waterflood injection at an optimum time. Designed the placement of two new production wells to thoroughly deplete the reservoir.

Hardware / Software

Microsoft Office 2000
Microsoft Office 2007
Eclipse
SONRIS / SONRIS Lite
AutoCAD

Microsoft Windows NT/98/ME/XP
Pason
DrillSim
Matlab
RimBase

Work Experience

CAPUANO ENGINEERING COMPANY, Santa Rosa, CA.

Geothermal Drilling Engineer / Project Manager

February 2012 to Present

- Acted as Operations Manager for Operator's Geothermal Field.
- Designed and ran full field Production/Injection Test.
- Sourced materials and equipment for several different geothermal operators.
- Onsite drilling supervisor.
- Onsite project manager.
- Designed wellbore profiles and casing design.
- Managed projects in several states.
- Generated cost estimate and analysis for well drilling procedures.
- Monitored multiple wells to enhance drilling operations.
- Designed step by step procedures to drill wells.
- Designed specifications for rigs ideal for geothermal use.
- Prepared bids and proposals for new fields and projects.
- Maintained and upgraded Main office IT.

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THERMASOURCE INC., Santa Rosa, CA.

Geothermal Drilling Engineer

December 2006 to February 2012

- Designed wellbore profiles and casing design.
- Onsite drilling supervisor.
- Onsite project manager.
- Managed projects in several states.
- Generated cost estimate and analysis for well drilling procedures.
- Monitored multiple wells to enhance drilling operations.
- Designed step by step procedures to drill wells.
- Designed specifications for rigs ideal for geothermal use.
- Prepared bids and proposals for new fields and projects.
- Maintained and upgraded Main office IT.

THERMASOURCE INC., Santa Rosa, CA.

Maintenance and General Upkeep

June 1998 to December 2006

- Supplied Maintenance at head office as well and field sites.
- Organized reports and files.
- Maintained computers with current and updated software.

SAFOD, Parkfield, CA

June 2003 to August 2003

Drilling

- Wrote and reviewed daily drilling reports and supplied these to SAFOD website.
- Controlled files and organization of reports.

SAFOD, Parkfield, CA

June 2002 to August 2002

Public Relations and Security

- Provided security at front gate to allow for admittance of the right personnel.
- Stationed for 2 weeks 24 hours a day in order to ensure safety and security of the well site.

BOTTLE ROCK POWER CORP, Middleton, Ca.

June 2001 to Aug 2001

Field Maintenance

- Clean-up of a geothermal power plant and surrounding facilities.
- Assisted in public relations – Supplied maintenance of the road for the families that live in the vicinity of the power plant.
- Cleared roads of brush and debris so that the rig plant components can be delivered.