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July 25, 2017

Attn: Oil Industry VP-Operations, and Engineering Managers  
For General Circulation

Dear Sir or Madam:

**RE: Professional Training at SPE Workshops**

The Society of Petroleum Engineers (SPE) has been conducting annual fall workshops focused on thermal well design issues for a number of years, and it has often invited Noetic Engineering to conduct introductory thermal well design courses in conjunction with it. The course helps industry professionals gain better appreciation for the design and operational challenges of thermal exploitation, and context for the differences of that industry from both conventional and other unconventional development.

The past three years has presented many challenges for the energy industry. Along with shrinking budgets that have impacted all facets of investment, including training, the industry has also seen a significant reduction in its technical workforce, which has sapped much of the unique experience and expertise in the thermal engineering.

As industry enters a new phase of recovery, many challenges will be faced. Many gaps in technical knowledge will be apparent in the thermal arena, for new graduates, new entrants from non-thermal areas, and for those whose responsibilities expand. Other gaps will be more subtle. It is vital for them to know what they don't know, what experience is transferrable, and what new expertise must be acquired to support continued safe, sustainable thermal development. SPE training opportunities offered in conjunction with their technical events offer some of the best introductions to new material, and help participants effectively direct their efforts to professional development resources supporting their career path and your business. When you receive applications to participate in training events like ours, I encourage you to consider how SPE Workshop Courses contribute to developing the skills your company needs to ensure the successful development of your business.

Sincerely,

Noetic Engineering 2008 Inc.

Trent Kaiser, Ph.D., P.Eng.  
Principal Consultant

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