Special Issue

Oil and Gas Well Engineering Measurement and Control

Message from the Guest Editors

This Special Issue "Oil and Gas Well Measurement and Control" aims to present the recent advances in measurement and control technologies related to oil and gas well drilling, logging, completion and stimulation. Original research, review and overview articles of the abovementioned problems are particularly welcome. Novel and practical case studies that consider extensive field applications are also encouraged. Topics include, but are not limited to:

- Oil and gas well drilling, especially drilling mechanics, wellbore pressure control, drilling complicated prediction and control, drilling monitoring and control, advanced drilling technologies and intelligent closed-loop drilling;
- Oil and gas well completion, especially completion technologies, wellbore integrity and intelligent completion;
- Oil and gas well logging, especially HTHP sensors, measurement while drilling and logging while drilling;
- Oil and gas well fracturing, especially intelligent sliding sleeve and advanced fracturing tools;
- Application of big data, machine learning and artificial intelligence in oil and gas well engineering.

Guest Editors

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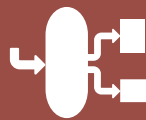
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