



Dr Vassilios Kelessidis

Profile

Dr Vassilios Kelessidis is Professor and Program Chair of Petroleum Engineering Of Texas A&M University at Qatar. His expertise are in teaching drilling engineering and fluid mechanics, research on flow phenomena in oil well drilling, drilling hydraulics, pressure estimation, cuttings transport, drilling fluids, additive development for high temperature wells, two phase flow, rheology of non-Newtonian fluids, model development, kick analysis, gas analysis, lost circulation materials, transport phenomena, drilling engineering analysis, rock-bit interaction. He has performed research, development and management for more than eight years in engineering and research centers of world's largest oil service company (drilling, pumping). Development of theoretical models and pilot systems, full scale and extensive field testing of new tools and techniques in drilling and cementing, both onshore and offshore, and pilot system testing, development of new techniques for hydrocarbon identification (patent issued), optimization of cement placement in oil wells, developing novel drilling techniques. He worked from 1986-1990 as Project Leader, Senior Development Engineer, Senior Engineer, for ANADRILL SCHLUMBERGER, Houston, TX, USA, from 1990-1993 Section Head, Senior Development Engineer, DOWELL SCHLUMBERGER, Saint Etienne, FRANCE and from 1993-1994 Programme Leader, SCHLUMBERGER CAMBRIDGE RESEARCH, ENGLAND. For 12 years he was a professor in the Mineral Resources Engineering of Technical University of Crete