



DR. DJEBBAR TIAB

Dr. Djebbar TIAB served as a Professor of Petroleum Engineering at the University of Oklahoma from July 1977 to June 2014. He is now a visiting professor at the African University of Science & Technology (AUST) in Abuja, Nigeria. Tiab is the owner and general manager of his Consulting & Training company United Petroleum Technology, LLC (UPTEC), registered in Oklahoma, USA.

Dr. Tiab is the author/co-author of over two hundred sixty (260) conference and journal technical papers in the area of pressure transient analysis, dynamic flow analysis, Petrophysics, natural gas engineering, reservoir characterization, reservoir engineering and injection processes. In 1975 (M.S. thesis) and 1976 (Ph.D. dissertation).

He is the senior author of the textbook “Petrophysics”: 1st Edition was published by Gulf Publishing Company in 1996; the 2nd, 3rd and 4th updated editions were published by Elsevier in 2004, 2012, and 2015. Petrophysics is available in Chinese, Russian and soon in Portuguese and Spanish. He has co-authored three research books titled “Productivity Equations for Oil Wells”, “Petroleum Reservoir Characterization – Interwell Connectivity”, published in 2009 by VDM Publishing House, and “Analytical Solutions to Productivity and Pressure Transient Equations” published by VDM & LAP Lambert Academic Publishing AG& Co., August 2010.

Dr. Tiab has consulted for a number of oil companies and offered training programs in petroleum engineering in the U.S.A. and overseas. He worked for over two years in the oil fields of Algeria for Alcore, S.A., an association of Sonatrach and Core Laboratories. He has also worked and consulted for Core Laboratories and Western Atlas in Houston, Texas, for four years (1990-1993) as a Senior Reservoir Engineering Advisor.

He received the 1995 SPE Distinguished Achievement Award for Petroleum Engineering Faculty. He also received the technical 2003 SPE Formation Evaluation Award for “Outstanding achievements in Petrophysics and reservoir engineering.” Dr. Tiab received in November 2013 the Africa Education Leadership “Best Professor in Petroleum Engineering” Award. Dr. Tiab is a member of the Russian Academy of Natural Sciences.

EDUCATION

- B.Sc Petroleum Engineering
- M.Sc Petroleum Engineering
- Ph.D Petroleum Engineering

MAJOR CONTRIBUTIONS TO OIL & GAS INDUSTRY

Dr. Tiab has significant contributions to the Oil & Gas Industry

- Dr. Tiab introduced the **pressure derivative technique**, which revolutionized the interpretation of pressure transient test analysis
- Published more than 260 technical papers
- Developed patents for CORE LAB in the area of reservoir characterization (identification of flow units)

PORTFOLIO OF COURSES

- Pressure transient analysis
- Dynamic flow analysis
- Petrophysics
- Natural gas engineering
- Reservoir characterization
- Reservoir engineering and injection processes

