

## HOLE PROBLEMS & UNSCHEDULED EVENTS MANAGEMENT FOR WELL CONSTRUCTION AND OPTIMIZATION

### DESIGNED FOR:

Petroleum Professionals, Planning Engineers, Production Engineers, Completion Engineers, Geoscientists, Managers, Technical Supervisors, Personnel involved in planning and designing of wells, Entry Level Drilling Engineers, Drilling Operation Personnel and Drilling Office Support Staff.

### COURSE DESCRIPTION

The course provides knowledge of the commonest and most occurring drilling problems that confront engineers during drilling and well construction operations. It provides expert knowledge on best drilling practices to minimize drilling risk. The course also provides rig personnel with simple-to-use tools to evaluate drilling problems so that critical and well-reasoned decisions based on proven best drilling practices are made. A broad selection of operational problems that typically disrupt normal drilling operations are also addressed. The full spectrum of hole problems dealing with anticipation, prevention, identification and resolution will be addressed. Operations personnel will leave the course with valuable lessons that will enhance their on the job performance and reduce Non productive time in well delivery.

### COURSE CONTENT

- INTRODUCTION & OVERVIEW
- BASIC GEOLOGICAL CONCEPTS
- PORE PRESSURE- FRACTURE GRADIENT
- ROCK STRENGTH & ROCK FAILURE
- STUCK PIPE MANAGEMENT
- WELLBORE INSTABILITY MANAGEMENT
- LOST CIRCULATION
- DRILL PIPE FAILURES
- MUD CONTAMINATION
- FORMATION DAMAGE
- HUMAN FACTORS
- PIPE STICKING CASE STUDIES & SYNDICATE SESSIONS

### ABOUT THE INSTRUCTOR

Professor Adewale Dosunmu is a Professor of Petroleum Engineering in the Department of Petroleum & Gas Engineering, University of Port Harcourt and occupied the Shell Aret Adams Chair in Petroleum Engineering in the same University between 2008-2016. Professor Dosunmu holds B.Sc, MEng and PhD degrees in Petroleum Engineering and he is the author of several books and more than 100 technical papers that have been published in International Journals. He has extensive industry experience enabling him to blend theory with actual field experience. Professor Dosunmu is a recognized international expert in Well Engineering in the special area of well bore stability. He has been an SPE Distinguished Lecturer on two occasions, (2007/2008, and 2011/2012) to several countries to make presentations on Wellbore Stability, Well Design and Construction. These countries include India, Philippines, Vietnam, Malaysia, Brazil, Argentina, Ecuador, Peru, Congo, Trinidad and Tobago, Venezuela, Qatar, Oman, Iran, Iraq and Cote d'Ivoire. He is also a consultant to several E&P companies in Nigeria and overseas. He has also taught short courses for the Society of Petroleum Engineers, Nigeria Council.

Professor Dosunmu is a member of several professional societies including the Society of Petroleum Engineers International, the Nigerian Society of Engineers and is a COREN registered Engineer. He has been on COREN accreditation teams to many Universities in Nigeria and abroad and he was a visiting Professor to the University of Petroleum & Energy, Dehradun, North East India and Petro Bras University, Macae, Brazil. He is also an external examiner to the University of Benin, Federal University of Technology, Owerri, University of Science & Technology, Port Harcourt and the University of Mines, Ghana.

Professor Dosunmu is a recipient of several awards including SPE Distinguished award, SPE Century club award, Distinguished award by SPE Lou Ark section (USA), SPE Midland Odessa (USA), SPE Eastern Venezuela, SPE Lima, Peru and SPE Tehran section, SPE Muscat, Oman, SPE North East India, SPE Manila, Philippines, SPE Hanoi, Vietnam, SPE Africa Regional award for Drilling & Well Completion and service awards by SPE Section 103 Port Harcourt of which he was the section Chairman in 2002. His research interests are in Well Engineering particularly in wellbore stability, Petroleum Economics and Natural Gas Engineering. He is happily married with children and grandchildren. Professor Dosunmu holds a patent on Database for wellbore stability management (2015) and Optiwell wellbore stability management tool (2016) currently deployed in Nigerian well operations. He is a consultant to several oil companies in Nigeria and overseas.

### Date:

Saturday 4th - Sunday  
5th August, 2018

### Venue:

Eko Hotels & Suites,  
Victoria Island, Lagos

### Fee:

Members: N75,000  
Non Members: N80,000