

## **(2) Pre-IWCF Well Control Course**

### **WHO SHOULD ATTEND**

This short course is intended for anyone requiring a better understanding of Well Control theory, equipment and procedures. It is also intended as preparation for an IWCF certification course.

### **COURSE OBJECTIVES**

To equip delegates with sound basic knowledge and understanding of safe Drilling Well Control practises for both surface and sub sea operations. Candidates should fully appreciate the full extent of the topics including calculations as a requirement prior to attending an IWCF DWC Combined Supervisors certification course.

### **CONTENT**

- Well control management
- Origins of pressure
- DWC calculations
- Primary well control
- Dynamic wellbore pressures
- Causes of kicks
- Kick warning signs
- Shut-in procedures
- Well control methods
- Surface blowout well control equipment
- Sub sea blowout well control equipment
- Sub sea control systems (indirect hydraulic)
- Diverting shallow gas kicks
- Handling on-bottom kicks
- Handling off-bottom kicks
- Downhole and equipment problems during well control
- Simulator Exercises

Candidates will be engaged in classroom exercises and daily take home exercise (relating to both surface and sub sea topics). Delegates will constantly be assessed during the course and performance forwarded to sponsor company.

\*There is a final two part written assessment conducted on day five.

### **INTENDED FOR**

Subsea Engineers & Supervisors, Trainee Drilling Engineers, OIM's, Barge Engineers, Mud Loggers, Cementing Engineers, M.P.D. Engineers, shore based personnel involved in operations and anyone requiring a better understanding of Well Control theory, equipment and procedures or requiring preparation for an IWCF certification course.