

Management of Drilling Problems

Duration:	4 Days	Number of Attendees:	12 - 20
Designed for:	Drilling engineers and senior drilling operations personnel.		
Course Overview:	<p>Management of Drilling Problems (MDP) has been designed to test a participant's ability to deal with all aspects of planning and drilling a well. Each candidate is exposed to a wide range of problems while drilling this well using Welltrain's state of the art, class-room sized drilling simulator.</p> <p>Participants will receive a pack of pre-course assignments, challenging their engineering skills, to design a fictional well to be drilled offshore from a platform rig.</p> <p>Working throughout the course as part of a small drilling team, candidates will be expected to directly involve themselves in all aspects of any given task. The teams are rotated into one of four different roles, allowing all candidates to experience a wide range of realistic problems that may be encountered when panning and drilling a well.</p> <p>Each team will rotate to play Rig Logistics, Rig Management, Rig Office and Rig Floor roles. Each team and team member is supervised and assessed by an experienced course facilitator who is an 'expert' in that role.</p> <p>At the end of the exercise, each of the teams will be required to create a presentation for the course facilitators on what happened, summarising any problems, how these problems were dealt with and how they could have been avoided. Through discussion and role play teams are expected to assess what they could have done differently to solve the drilling problems more effectively.</p> <p>This hands-on team based training provides the experience of drilling the 'well from hell' in a safe, simulated environment without risk to people or equipment.</p>		
Course Content:	<p>Almost any imaginable scenario can, and probably will, happen at some stage during the drilling phase of training. The well is drilled in a series of "snapshots" the problems and scenarios can include:</p> <ul style="list-style-type: none">• Well control problems• Swabbing• Losses• Stuck pipe• Hole cleaning• Wellbore stability• Vibration• Drill string problems such as wash out or twist off.• Bit problems• Rig power/Air/Hydraulics/equipment failure• Any surface equipment failures or problems• Surface monitoring equipment failures or problems• Surface mud lines, flow lines, valves or choke problems• BOP failures or problems• Non-technical problems		
Course Inclusions:	<ul style="list-style-type: none">• Light lunch, tea/coffee and snacks each day.• Pre-course assignment materials (provided electronically).• End of course team dinner.		
Course Fees:	Group pricing for team workshops available upon request.		
