

Stuck Pipe Course

Stuck Pipe Course OutlineWild Well



4 HOURS - SUPERVISOR FUNDAMENTAL

- Understand causes of unscheduled events: taking risks to save money or time and poor communication; factors that can contribute to poor communication; how to promote better communication
- Understand the basic concepts of the following: Stuck pipe, Stuck pipe mechanism, Differential sticking, Mechanical sticking including Packoff and bridging and Wellbore geometry
- Preventing Stuck pipe through good practices of Hole cleaning
- Freeing Stuck pipe using Drilling Jars; understand the importance of where the Drilling Jar is placed in the Drill string depending on differential or mechanical sticking issues
- Understand that our methodology of teaching the causes of Stuck pipe will be presented in detail using the following approach: Definitions, Characteristics, Warning signs, Preventive measures, Corrective actions, Summary
- Detailed discussion of Differential sticking
- Detailed discussion of Mechanical sticking including Packoff & bridging: downhole junk, cement blocks, green cement & Wellbore geometry: Under-gauge hole, Ledges & Doglegs, Keyseating, Collapsed casing
- Understand that Stuck pipe becomes a secondary concern when a Well control issue occurs
- Course review test question competition
- Understand that our methodology of teaching the types of geologic formations that can result in mechanical sticking will be presented in detail using the following approach: Definitions, Characteristics,
- Warning signs, Preventive measures, Corrective actions
- Detailed discussion of the types of geologic formations that can result in mechanical sticking including: Unconsolidated, Mobile, Fractured/Faulted, Reactive, Tectonically stressed, Over-pressurized shale
- Course review and final written test
- Completion of course