MERCURY

Advanced Slickline Operations

30 Sep - 11 Oct 2024
Rome (Italy)

Advanced Slickline Operations

Ref.: 15367_305519 **Date:** 30 Sep - 11 Oct 2024 **Location:** Rome (Italy) **Fees:** 9500 **Euro**

Introduction

For a complete knowledge of the wellbore and completion components, a detailed explanation of down-hole components as they relate to wireline is required.

Targeted Groups

- Those who will do slickline operations.
- Service agents who want to learn more about wireline operations
- People in design and engineering

Course Objectives

- Give a thorough explanation of slickline operations.
- Emphasize the pressure management and slickline's crucial components.
- Learn how a variety of wireline tools work and how to utilize them.
- Use a "hands-on" method of instruction when learning at a workshop.
- To ensure a thorough grasp of downhole operation, use cutaway tools.
- Learn how to use the wired device well.
- Discover how to successfully design a wireline operation.
- Establish a forum for inquiries and dialogue.

Unit 1: Xmas Trees

- Types of trees
- Single
- Dual
- Composite
- Solid block
- Wireline
- History and development

Unit 2: Use and limitations of wireline

- Wire types and strengths.
- Wireline Units, Design, function and operating procedures

Unit 3: Surface equipment: Pressure control equipment.

- Stuffing boxes, lubricators, BOP's

Unit 4: Braided line equipment

- Grease Injection systems for braided line operations

- Pressure Testing
- Test Procedures and safety precautions
- Toolstring Components

Unt 5: Rope, Stem and Jar

- Rope Knot
- No knot and braided
- Stem: sizes, selecting correct amount.
- Jars: mechanical, hydraulic, spring, accelerators

Unit 6: Knuckle joints

- Swivels
- Rig-up Procedures

Unit 7: Lifting options

- Ginpole
- Crane
- Onshore/offshore

Unit 8: Use of masts

- Basic Service
- Tools:Gauge cutters, Blind boxes, Lead Impression
- Blocks, Running / Pulling tools, Otis HES type R, S, G series, Camco JD, JU series, Lock mandrels/plugs, Slip and collar locks, Selective systems, No go locks, Plugs and Flow controls, Running and pulling procedures

Unit 9: Sliding Side Doors, Description and use in the well.

- Types eg: XO, XD, XA, Baker CMD, CMU
- Shifting tools and procedures, Additional Equipment, Packoffs,

Unit 10: Calliper surveys

- Brief overview
- TCP guns - wireline release options
- Safety Valves, SSV - Surface tree actuators and lock out
- SCSSV - wireline and tubing retrievable
- TRSSV - Tubing Retrievable, DCSSV - back up downhole valves, Gaslift,Theory of gaslift operations

Unit 11: Side Pocket mandrels

- Gaslift valves - design and function.
- Running and pulling procedures.
- Additional uses of SPM's, Well kill, water flood, chemical injection.Extreme Deviation, Use of rolling systems for deviated wells. Wireline Fishing, Avoidance by due care and good job

planning.Fishing Job Planning, Line/ force/pressure considerations, Lubricator length calculations

Unit 12: Use of appropriate equipment and constraints

- Rig up height considerations
- Site constraints, Fishing tools
- Presentation of tools available, their design, function and operation.HD Jarring activity
- Use of braided lines 3/16, 7/32 and grease injection systems, Spring jars - setting, calibration and redressing,
- Accelerators - use and matching to jar operations
- Use of HD fishing tools, Fishing scenarios and calculations
- Various part fishing situations, requiring
- Calculation of wire end depth etc.

Registration form on the :
Advanced Slickline Operations

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