

A LDI Training Course

FUNDAMENTALS OF COILED TUBING

Jerry Collins

Introduction

An overview of coiled tubing including the coil itself, pipe management considerations, surface equipment, and some typical applications.

What You Will Learn

How pipe characteristics affect suitability, longevity & the bottom line. The advantages of planning and preparation for successful CT operations. Surface equipment used to deploy coiled tubing. Down-hole tools used in various types of CT jobs. CT well control: critical preparedness. Essential Nitrogen safety and basic calculations for success, Understanding how hydraulic equipment is utilized

Course Topics:

Day 1

- How coiled tubing is manufactured & how it affects pipe life
 - Course overview
 - General Hydraulics
 - Theory of hydraulics
 - PLUTO video – Pipe Line Under the Ocean
 - * First coiled tubing ever built
 - QTI presentation
 - * How coiled tubing is built today
 - * Usage safety tips

Day 2

- Surface Equipment - what it takes to run the coil in and out of well bore
 - Basic Calculations Presentation

Day 3

- Down hole tools - fishing, milling, drilling, specialty BHA's
 - Troubleshooting Hydraulic Systems
 - Basic CT surface equipment:
 - * Power packs,
 - * Control consoles

- * Injectors
- Preview BOP's

Day 4

- CT applications, importance of well control preparedness
 - BOP's Review/quiz
 - Preview accumulators

Day 5

- Nitrogen safety and basics for success
 - Accumulators
 - Nitrogen safety
 - Course review

Who Should Attend

Coiled Tubing operators, supervisors, engineers, coordinators, sales people, other interested parties.

Your Course Instructor

Jerry L. Collins Accomplished Technical Instructor with over 32 years of industry experience. Honed facilitation skills through years of frontline teaching which eventually evolved into a well-seasoned professional experience. Cultivates an approachable learning environment where participants are encouraged to actively participate as a way of decreasing the learning curve.

He is a senior technical instructor in Halliburton & Otis Engineering Duncan Oklahoma since 2008 – 2013 for facilitated Operational Procedures, Field Training and Company Guidelines, through personal experience and expertise gained through decades spent at the wellhead and also facilitated Coil Tubing Training, presented and explained necessities for a successful career in the oilfield.

Enrollment Information

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