

INTERMEDIATE COILED TUBING UNIT



Sanjel's Intermediate Coiled Tubing Unit is capable of working over shallow to medium depth wells very economically. The Intermediate units are equipped with a hydraulic power supply, BOP accumulator system, control cabin and mounted crane picker. Each self-contained unit can be rigged up quickly thereby reducing time on location. Replaceable work reels provide the ability to utilize multiple tubing sizes and lengths in minimal time and permit travel during road bans. All Intermediate Coiled Tubing Units are equipped with dual depth measurement devices, real-time data acquisition and tubing fatigue analysis software, enabling clients to observe actual rates, pressures and remaining tubing life.

Applications

- Cement and stimulation fluid placement
- Cleanup and removal of frac/produced sand, scale and wax
- Placement and retrieval of production plugs, packers and retainers
- Well circulation with gases
- Pipeline de-waxing, clean-out and pigging
- Milling and under-reaming operations
- Logging and perforating with E-line strings
- Casing and tubing scrapers, junk baskets and gauge rings
- Velocity string installment – steel and composite

Equipment

Control Cabin

- Electronic and hydraulic controls
- Real-time data acquisition and fatigue analysis of tubing (Cerberus)
- Analog and digital readouts of data acquisition

Tubing Work Reel

- Wide variety of depths and tubing sizes capable of servicing up to 4200 m in depth
- Auxiliary reels capable of 4500 m of 38.1 mm tubing

BOP System

- NACE spec designed
- 70 MPa wellhead working pressure
- Nitrogen-pressured accumulator with hydraulic backup supply
- Remote BOP control system
- Compliant for Class I, II, and III wellhead configurations

Tubing Injectors

- Up to 13500 daN pulling capability
- 25.4 mm – 50.8 mm tubing sizes
- 1830 mm arch radius
- Infinite depth rate control
- NACE spec stripper assembly with 70 MPa working pressure
- Depth encoder mounted above stripper

Crane

- 14 tonne National 600B
- 360° continuous rotation

Features

- Capable of reaching 75% road bans with additional reel trailer
- 30 m Injector/BOP hoses with auxiliary extensions available for drilling rig applications