

Expro Excellence

Expro's Automated Bucking and Catwalk system deliver first in class performance for NOC in Abu Dhabi

Well Construction | Frank's Tubular Running Services (TRS)



Objectives and background

- Expro was contacted by an operator in the Middle East to provide a high quality, low risk Tubular Running Service (TRS) to their onshore fleet of drilling rigs
- Within the scope of work came a request to provide three integrated bucking and double catwalk system capable of making doubles up on location and then to position them to the drill floor for running operations to real-time to reduce the amount of time spent in tubular running operations
- The main challenge was to provide a cost-effective solution that delivered the safety and performance improvement required by the customer
- Expro is well known in the UAE market for being the low-risk, high efficiency provider of TRS

Expro Excellence

- Expro offered an integrated system which provided a manual handling-free process for TRS operations when coupled with our FA-1 casing running tools solution increased safety, removed personnel from operations
- We provided an integrated solution for bucking and running of doubles in a land rig environment
- The fields' first 24" throat, full-floating back-up bucking unit on this integrated system also allowed for a liner hanger make-up and break-out at the site if required
- Eighty percent of the system was sourced and built in the UAE, delivering a positive impact on the local economy, and adding to in-country value generation

Value to the client

- On the first deployment of our TRS system, set a record for instantaneous tripping speed and the second-best performance overall tripping speed on 18 5/8" tubulars. The overall rate was more than twice that of the average run in the same field
- The job was delivered with reduced safety exposure to personnel and with no NPT

Safety

