

## **Well Construction**

## Frank's Tubular Running Services (TRS)

## **COBRA® Control Line Manipulator Arm**

Frank's COBRA® combines the benefits of the Rotating Control Line Sleeve Protector System with the Control Line Pusher Arm into one system.

The COBRA® automatically deploys an auxiliary roller under the main roller head, positioning the control lines against the pipe to assist clamp installation. This system can handle multiple control lines at a low entry angle under high tension. The COBRA® is controlled via remote control; dual latches enhance rig floor safety, preventing the boom from lowering on personnel. Large throat roller sets are available for passing umbilicals as large as 4 1/2 in. Rollers can be custom configured for project-specific applications.

## **Features and Benefits**

- Provides ultimate protection of control lines and umbilicals while working with most flush-mount spider systems
- Enhanced interlock system prevents the slips from closing on the control lines
- Easy to rig up and down



