

Reducing Lost Work Day Cases On Rig Floor

While on a job in the Eagle Ford basin a I employee utilized the STOP Work principle to make awareness of a routine unsafe act while making and breaking thread connections. In the Eagle Ford, as with most areas of operation, our staff are routinely asked to get in the man basket to makeup a threaded connection to the top of our wireless real time monitoring system.

wrench, and potentially hit someone in the face. The decision was made to continue cautiously as the group could not identify a better approach to minimize the risk level. During the post job review meeting, the operator ask if we could find a solution to the problem we had identified. months later, our design team created a thread less connection system we call I TT onnector^T, eliminating this problem altogether.

utilizing normal equipment on location two pipe wrenches and a come along our employees thought utilizing this combination of equipment was very unsafe. They envisioned a serious injury could occur if the come along cable broke or hook slipping off the handle of the

Turns out, our I TT onnector^T is safer to use and reduces the average five minute per connection makeup down to one minute makeup per connection. With an average of five connections per assembly, overall reduction of was achieved.

Safer way to make a connection.

challenge

reduce possible injury during a routine operation of making and breaking threads on the coiled tubing.

Solution

design a new system to eliminate the use of pipe wrenches and possible falling object injuries.

results

decreases makeup breakout time by .

Eliminates pinch, impact and dropped object hazards.

Prevents loss Work day claims

