

ExpressKinect™ Manifold

STREAMLINED TECHNOLOGY TO IMPROVE RIG-UP OPERATIONS

OVERVIEW

Operations at the wellsite have become increasingly complex with high treatment rates, multiple wellhead pads, and large amounts of equipment on location. High-rate stimulation operations require a large amount of pumping equipment rigged up from the blender to the wellhead. This often leads to very complex rig-ups with large amounts of high-pressure iron connecting the pumps to the manifold trailer. The Halliburton ExpressKinect™ manifold reduces rig-up time and complexity, resulting in a more efficient, safer rig-up operation.

SAFER AND MORE EFFICIENT

A standard high-rate stimulation treatment requires a minimum of 12 high-pressure pumps rigged up to a manifold trailer. For each of these pumps, employees must make up four connections. Using a conventional manifold trailer, this would result in a combined lifting weight of approximately 300 pounds per pump. The ExpressKinect manifold employs new, streamlined technology that reduces the number of lifts and connections required to connect each pump to the manifold trailer. This simple and reliable design does not require any additional complexity,

FEATURES

- » Reduced connections from pumps to manifold
- » Reduced lifts of high-pressure iron
- » 15,000-psi pressure rating
- » 100-bpm capability

BENEFITS

- » Shortened cycle times
- » Improved operational efficiency
- » Reduced nonproductive time
- » Reduced HSE exposure



such as hydraulic or pneumatic pistons, for it to function. By incorporating three of the four needed connections into the system, 75 percent of the connections are eliminated during rig-up and rig-down operations. This reduces time needed for rig-up operations; decreases health, safety, and environmental (HSE) exposure to employees; and results in 75 percent fewer potential leakage points during operations. ExpressKinect™ technology also greatly decreases the safety risk exposure of employees by reducing the number of required lifts and providing lift assistance, resulting in a 77 percent reduction to only 70 pounds per pump.

The drastic reduction in required connections improves equipment reliability and reduces the potential of environmental exposure. The streamlined rig-up process now results in significant time savings and major improvements in employee safety on location. The ExpressKinect manifold, combined with the Halliburton Frac of the Future™ fleet, results in a leaner and more efficient fracturing operation.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com.

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