

Pathfinder's Mobile Bucking Unit ("MBU") is fully mobile, providing a turn-key solution for reducing overall rig time by making and breaking standard and high-torque connections on location. The MBU's ability to assemble and disassemble float shoes, collars, casing appurtenances, BHAs and other high-torque connections on location, rather than on the rig floor, minimizes rig NPT on the critical path of the well.

Capabilities:

- **High Torque:** The MBU can torque up to 100,000 ft/lbs.
- **Wide-Range:** The MBU can make and break connections ranging from 4 1/2" to 15", including premium shouldered connections (all casing sizes and designs as well as all sized BHAs).
- **Precision:** The MBU utilizes variable speed control and a torque turn system to ensure all connections are torqued properly.
- **Data:** The MBU's torque turn system provides real-time data to confirm the make-up speed and torque of each connection. This data is preserved for future reference if necessary.

Time Savings = Cost Savings

- By assembling and disassembling BHAs with the MBU, it eliminates the need to utilize the drilling rig and personnel to perform these critical tasks, reducing overall drilling time.
- By assembling float shoes, collars, and other casing appurtenances on location for all sizes of casing, the MBU reduces the time of each casing run and reduces the risk of damage to these critical components when they are assembled on the rig floor.
- The MBU's ability to make and break BHAs, float collars and shoes off the rig floor significantly limits the amount of movement of tools and equipment from ground to rig floor, contributing to safer operations.

