



**Workover Rig**

Rework and maintenance rigs are used to perform a variety of remedial operations on a producing oil well for the purposes of increasing production. A re-working/maintenance rig is a portable piece of equipment in which the engine that runs the rig also powers the vehicle. The rig is usually mounted on wheels and is self-propelled with a self-erecting mast. Typical activities include replacing a liner or tubing that was previously installed in the well, squeezing cement down the well, or conducting a rod or pump repair on the well. The mast on the average rework and maintenance rig is approximately 80' tall. The rig is significantly smaller in size than the average drilling rig.



**Well Drilling Rig**

Drilling rigs are used for drilling new oil and natural gas wells or deepening (redrilling) an existing well. The rig is temporarily placed above the location of the new well while it is being drilled. The mast of the rig is situated on top of a platform where the crews perform the majority of the drilling work. Once the well is completed, the rig is dismantled and moved off the location. The typical drilling rig has a mast that is approximately 100' feet tall. Each rig uses multiple engines during the drilling processes and is supported by a variety of different pieces of equipment including mud pumps, draw works, and electrical generators.