



BOWEN UNITIZED GREASE/OIL INJECTION CONTROL HEADS

In wire line operations where high pressure exists, reduction of well head pressure applied to the pack-off rubbers is essential to reduce the friction on the wire line to a minimum, and to effect a complete seal. Maintenance of a complete seal is of prime importance where the operation being performed will not tolerate the loss of fluid, or where loss of fluid and gases would present a major hazard, such as on offshore rigs or very near townsites.

The **Bowen Unitized Grease/Oil Injection Control Head** was specifically designed to perform this wire line sealing function in the most efficient and economical manner available.

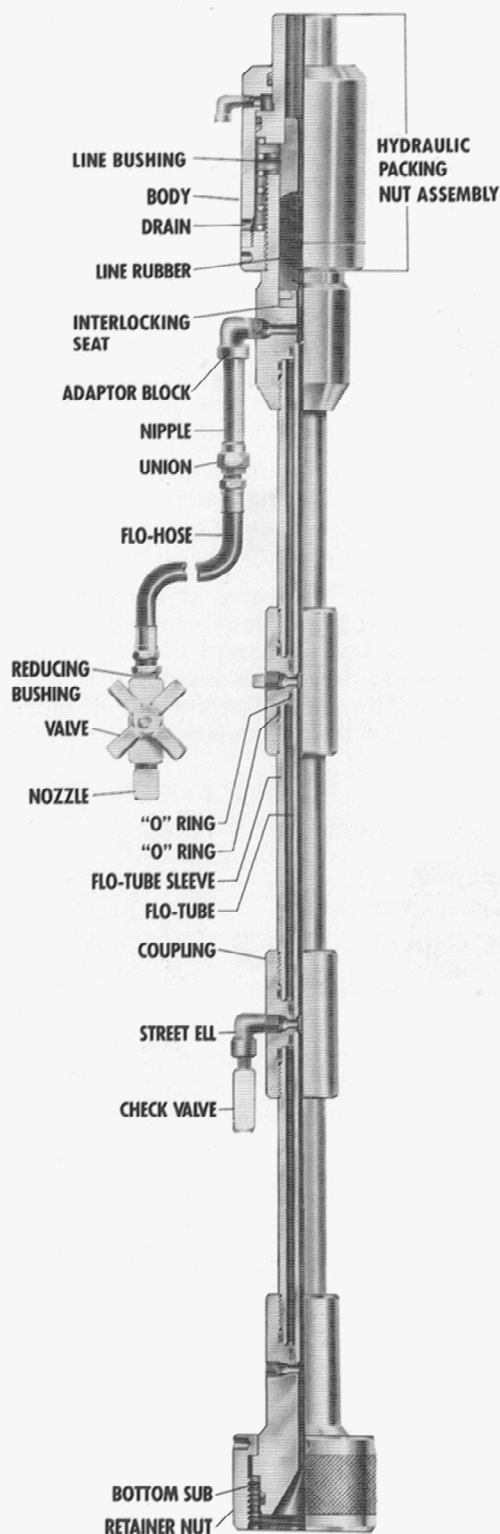
The basic Grease/Oil Injection Control Head System is composed of a Grease/Oil Injection Control Head and a Grease Supply System.

The Unitized Control Head does not appreciably reduce the amount of weight required to pull a tool downhole against the well pressure. It does, however, create a complete seal, with zero loss of fluid or spray; a desirable and sometimes mandatory result.

The Flow Tubes are close-fitting around the wire line. They, along with the Flow Tube Sleeves, form the main length of the Control Head. The appreciable length affords sufficient column height when in service to form a good grease barrier.

In operation, the Unitized Control Head is assembled around the wire line before the line is "headed" or affixed with a suitable rope socket.

The tools to be run are connected to the cable head and lowered down into the lubricator, with the well shut in below it. The Control Head is attached to the top of the lubricator.



**Bowen Grease/Oil Injection
Control Head can also
be used as Wire Line
Control Head**