

# CEMENTED LINER ASSEMBLIES

## STAB-IN EQUIPMENT

Stab-In cementing provides better volume and pressure control leading to improved cementing jobs by allowing the operator to pump the cement slurry through the drill pipe. This technique is especially effective when collapse must be offset in large diameter, thin-wall casing, since no packer cups are used the effects of upward hydraulic forces are eliminated.

When there is a large displacement problem, or when close control of returns is necessary through large-diameter casing, inner-string operations offer major benefits. Chances of cement contamination are decreased, and densities can be easily maintained. And the weight of the landed casing string is less when cementing through the drill pipe.

Chancellor equipment is available for inner-string cementing in all sizes and connections. The float shoe can be supplied with down jet ports that give an even distribution of fluid around the circumference of the shoe joint.



SETTING TOOL THREADED INTO CEMENTING SHOE ASSEMBLY. CIRCULATING/CEMENTING ON BOTTOM.

CEMENT DISPLACED FOLLOWED WITH A DRILL PIPE DART. PISTON SHEARED AND CIRCULATING THRU PORTS IN SETTING TOOL.

SETTING TOOL RELEASED AND PULLED OUT OF HOLE. CASING READY FOR DRILL OUT.