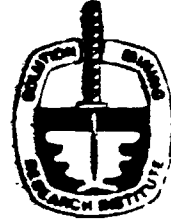


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MEETING
PAPER



FLOATING EQUIPMENT PLAYS IMPORTANT ROLE IN
SUCCESSFUL EMPLACEMENT AND CEMENTING OF CASING

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ABSTRACT

The successful landing and cementation of each casing string can prove to be extremely costly and in some cases a total disaster without the proper selection and use of floating equipment.

If the floating equipment fails to perform properly, e.g., does not allow circulation, back-pressure valve does not hold after cementing, severe problems related to cementing, drilling and/or production can result.

While all floating equipment has essentially the same basic functions, the type of floating equipment will vary according to the cementing technique to be used. Proper selection of the floating equipment considers the cementing technique and such variables as the amount of cement to be mixed and displaced, anticipated pump pressures and pumping time and final differential pressure.

The intent of this paper is to describe the more common cementing techniques and to detail the operation of specific floating equipment for each one. Conventional two-plug, two-stage and inner-string cement jobs, as well as the large diameter liner, will be covered. Its over-all purpose is to familiarize the engineer with floating equipment so as to help him accomplish his goal: a successful cementing job.