



CHANCELLOR
A TEAM OIL TOOLS COMPANY

SLOTTED LINER ASSEMBLIES MODEL B, BR, AND BH LINER TOP PACKER

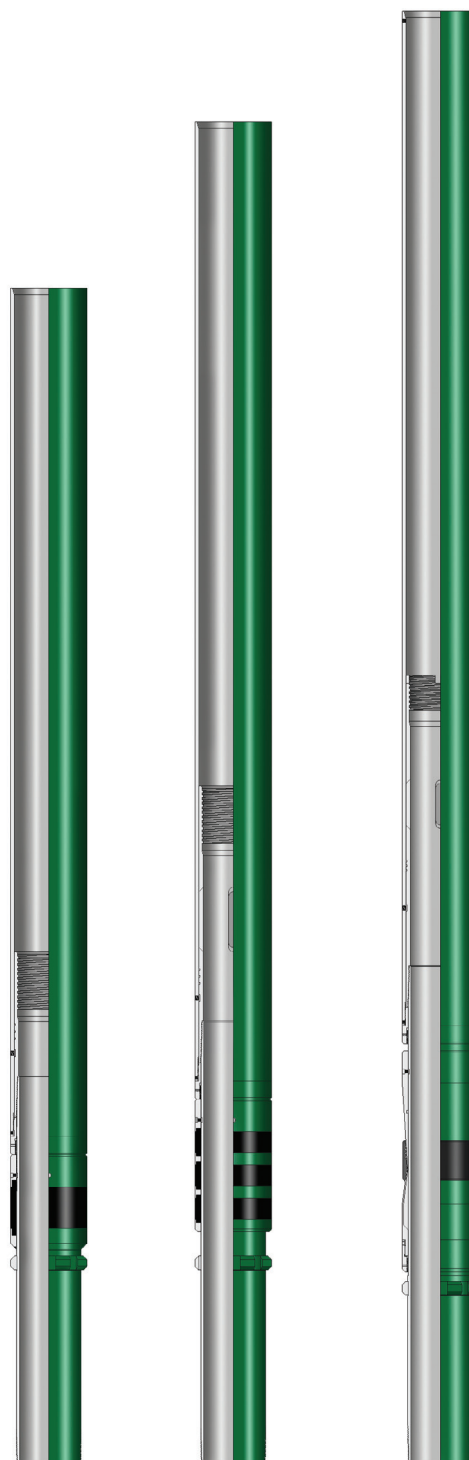
The Chancellor Model B Liner Top Packer is a premium liner packer and provides a very dependable seal against gas migration and the passage of sand over the liner top and into the well bore. The packer is made up to the liner and run into the hole and set in one trip. Because of its load rating, the model B liner top packer is an excellent choice for running long, heavy, or deviated liners. A liner tie back receptacle (TBR) is provided which allows future tie back of liner or tubing. The packer is run with a setting tool consisting of a kelly with floating nut, packer setting dog sub and handling lifter. The packer setting dog sub is retained in the TBR while running in the hole so that premature setting of seal is avoided. Once on bottom, the setting tool is released with RH rotation and picked up so that the dog sub is expanded above the TBR. The packer's seal elements are set by slacking off weight. The shear pinned setting ring contains an internal lock ring that keeps the packer seal energized after set. Neoprene, HSN (HNBR), Viton and AFLAS element materials are available depending upon down hole conditions.

In addition to Model B features, the Model BR has splines for the purpose of rotating the liner in tension while running in the hole or setting mechanical liner hangers run just below the packer. The splines also prevent the unintended release of setting tools while running in the hole.

In addition to Model BR features, the Model BH provides hydraulic straight pull release of the setting tool. This model is especially beneficial for running horizontal or highly deviated slotted liners where standard mechanical release can sometimes be difficult. A secondary mechanical release method is available. The BH's main asset is full rotating ability of liner in tension, compression or neutral while running in the hole. Rotating splines are included that engage the HR setting tool rotating dogs that allow for rotation.

Standard packer elements are the choice for lower differential pressures and run in rates. The Single element is rated for 2,000 psi and the three element is rated for 5,000 psi differential pressure.

The MS packer element is a high performance liner casing annulus seal with an elastomeric element bonded to a thin wall flaring sleeve. A tapered setting sleeve flares out the MS element providing a tight uniform sealing surface to the casing I.D. Because the element is bonded, the liner can be run in the hole at moderated to fast rates without concern for burning or damaging the element. The element is rated for 10,000 psi differential pressure with up to 10 bbl/min circulating and displacement rates allowed with no damage to the element.



MODEL B SINGLE ELEMENT **MODEL BR** MULTI ELEMENT **MODEL BH** WITH MS ELEMENT

FOR MORE INFORMATION CALL CHANCELLOR AT 661-324-2213

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