

Title (en)
Casing high angle wellbores.

Title (de)
Verfahren und Vorrichtung zur Verrohrung stark abgelenkter Bohrlöcher.

Title (fr)
Méthode et dispositif pour le tubage des puits fortement déviés.

Publication
EP 0186317 A1 19860702 (EN)

Application
EP 85308593 A 19851127

Priority
US 67894884 A 19841206

Abstract (en)
Pipe, (20) especially well casing, is run into highly deviated boreholes (11) using solid, buoyant casing inserts (23) within the sections of casing (21) which are to enter the deviated portion of the borehole. The use of the solid buoyant members provides a net buoyant effect which is evenly distributed along the length of each section of casing so as to avoid any net twisting couple which would tend to bring the casing into contact with the walls of the borehole. This reduces the frictional drag and pressure differential sticking which arise when the casing contacts the walls of the borehole. The solid, buoyant inserts may be fabricated from materials which have a specific gravity lower than that of the mud which is in use, suitably foamed and unfoamed plastic resin materials, wood, cork, and wood and cork composites. The inserts are suitably in the form of a hollow cylinder so as to minimize problems with cementing operations and the running of tubing strings subsequent to the setting of the casing.

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Citation (search report)

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