

ESP Dual Systems - Redundancy Single CAN



As the originators of dual ESP technology, RMSpumptools' in-depth background and expertise in dual ESPs, translates into an unparalleled range of systems that cater for the wide variety of completion needs demanded by today's sophisticated ESP user.

Description

A unique dual ESP system utilising one Single Continuous CAN that has all of the cables and control lines for both ESPs carried within the Continuous CAN with no lines running externally. This latest dual ESP development incorporates RMSpumptools unique Mid CAN Packer which provides the barrier between the two ESPs in the Single CAN.

Operation

Each ESP can be operated individually, with typically the 2nd unit being activated upon the failure of the 1st, thus providing double life to the completion. An individual power cable feeds each ESP unit and one ADV (Automatic Diverter Valve) is located above each pump discharge to allow pumped fluid to bypass the dormant pump.

Application

High workover cost environments and to save downtime, especially in tight clearance or deviated wells where cables on the outside of the CAN might otherwise be vulnerable to damage. The unique RMSpumptools Mid CAN Packer prevents recirculating within the CAN and makes the installation process simple.

Advantage

With all cables and control lines for both ESPs carried within the CAN, mechanical damage to the cables alongside the ESP is eliminated. RMSpumptools dual ESP redundancy - Continuous CAN will radically improve well profitability by lowering workover costs and by cutting deferment.

