

CILA 2S-PCP

UPSTREAM

Intelligent Controller for Progressive Cavity Pumping Systems

Intelligent controller with the ability to monitor, control, optimize and secure systems of progressive cavity pump, ensuring maximum utilization of the pump as a function of efficiency.

With innovated technology, the CILA 2S has pre-established Controls and Protections strategies according to downhole and surface variables of the Well (Intake Pressure, Discharge, Casing, temperatures, etc.).

The objective of the CILA 2S as a controller, is to protect the complete pumping process, all due to applications developed for the optimization, control and protection of different variables associated with the system, according to graphical analysis methods of the key elements associated with the pumping system.



CILA 2S PCP

Besides the trend charts of multiple variables, the CILA 2S also has graphical methods of analysis and optimization of the pumping system. The nomographic chart is a visual diagnostic tool for quick and easy analyze of PCP's current state, determined by the position and trajectory of the point in areas represented by colors.

BENEFITS

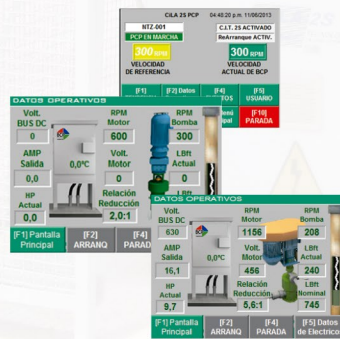
Operative Data Referenced to Representative Images.

Torque Control actions according to the magnitude of change to generate efficient responses and achieve the optimization of torque on the rods.

Screens and alarm / events entirely in the language needed for simple operation understanding of the users.

High ability to integrate with downhole and surface sensors for monitoring, optimize and control the systems.

Automatic tools for controlled system starts of the PCP system (Start Staggered Control).



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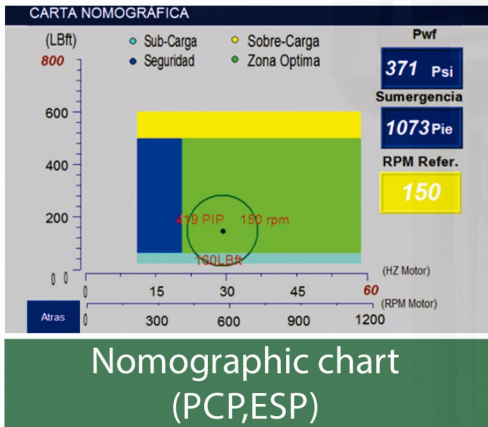
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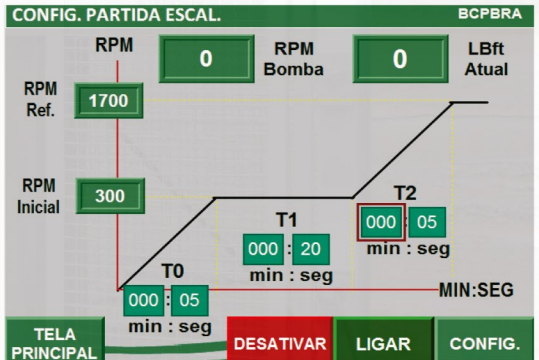
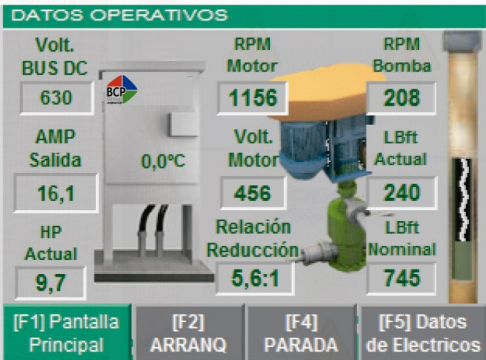
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STOCK CILA 2S-PCP



OPERATIVE DATA

Staggered Start Configuration

AND MORE

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