

Venezuela; Aphron Fluid Technology for Drilling Multi-Pressured, Problematic Formations

Well Information

Location:	Lake Maracaibo, Venezuela; Lagomar Field
Formation:	La Rosa through C-6U1
Formation Pressure:	288—467 kg/m ³ equivalent
Interval:	Vertically Drilled Off-Shore

The Objective

The operator needed to drill an area known for borehole instability issues associated with shale's, tight hole and stuck pipe.

The Solution

The HiTech engineering group recommended the use of our Aphron ICS™ Fluid System.

The Results

Switching from aerated mud to Aphron ICS™ Fluid System provided excellent borehole stability as wells were successfully drilled to TD with out lost circulation or stuck pipe. The Aphron ICS™ Fluid System allowed for successful coring of 390 ft (91% recovery), successful electric logs including RFT and exceptional cementing with full returns. Combined success allowed for continued development of the Lagomar field.

Additional Information

If you would like to know more about the Aphron System and how it's performed on hundreds of wells for our customers, please contact HiTech Fluid Systems Ltd.



Head Office
Suite 1800, 505—3rd Street SW
Calgary, Alberta, Canada T2P 3E6
403.547.2906 Main Phone
403.547.3129 Main Fax
www.hitechfluid.com