Case Study

Two SET® Systems Used in Malaysian Deepwater Attain TD Objective

Challenge

An Operator was hesitating to deploy conventional solutions to stabilize a problem shale section. The ID at total depth (TD) had to be maintained in order to properly deploy the tools and technology needed to accurately evaluate the target. Three casing strings were needed between the 13-3/8 in. casing and the top of the reservoir to not only cover unconsolidated formations but also allow drilling an 8-1/2 in. hole for running a 7 in. production string.

Added Value

Conventional approaches to addressing the trouble zone would have been counterproductive in terms of overall well economics. Restricting the ID would have necessitated deployment of slimhole equipment, which is more expensive and difficult to run, for evaluating the formation. Regardless of how skilled the personnel are, avoiding the use of slimhole tools by maintaining ID, saved the Operator time, money and avoided operational risk exposure.

► Completion Date: Oct. 2009 - February 2010
► Location: Deepwater, Malaysia
► Basin: Block E
► Well Type: Exploration
► Solution: 11-3/4 in. and 7-5/8 in. OHL
► Depth: 2509m and 3017m (8,233 ft. and 9,900 ft.)
► Liner Length: 248m and 275m (816 ft. and 905 ft.)