Case Study

SET® Expandable Liner Preserves Exploratory Well TD

Challenge

While drilling an exploration well, an Operator encountered a narrow pore pressure/fracture gradient window that required using more casing strings than planned. Thus well's final section's planned hole size was in jeopardy. The Operator needed a solution that added an additional casing point while preserving the planned hole size in the final section of the well.

Added Value

The post-expanded drift diameter of the 9-5/8 in. SET liner enabled the use of a planned 9-3/8 in. conventional casing. The expandable solution permitted the team to reach TD with the planned 8-1/2 in. hole size, which enabled the successful execution of a formation evaluation program.

► Completion Date: July 2013
► Location: Mediterranean, Egypt
► Well Type: Exploration
► Base Casing: 11-3/4 in. (65 lb/ft)
► Solution: 9-5/8 in. OHL
► Water Depth: 88 ft (26m)
► Depth: 18,471 ft (5,630m)
► Liner Length: 2,892 ft (881m)