Case Study

SET Openhole Liner (OHL) Isolates Loss Zone Enabling Planned ID at TD

Challenge

The offshore Caspian area, containing one of the world’s largest gas-condensate fields with over 30 trillion cubic feet of gas, has become one of the world’s leading hydrocarbon provinces. BP experienced losses while drilling a development well due to weak sand formation directly below the 13-3/8 in. shoe. Multiple attempts were made to stem the losses - all without success. A solution was required to isolate the weak sand formation and enable drilling to continue with higher mud weights.

Added Value

BP was able to drill the section to total depth, without further losses by permanently isolating loss zones. The SET High-Performance Openhole Liner (HP OHL) allowed running 10in. casing to planned depth.

Completion Date: January 2012
Location: Azerbaijan, Caspian Sea
Well Type: Development (Sub-sea)
Base Casing: 13-3/8 in. (72 lb/ft)
Solution: 11-3/4 in. HP OHL
Depth: 14,317 ft (4,364 m)
Liner Length: 1,181 ft (360 m)