



ReLine DL



Albania – 7" 35# Cemented DL

BACKGROUND

A client in Albania, had a planned sidetrack well, that required a solution to isolate a high-pressure formation, just outside the milled window, from lower pressure zone below, to enable the drilling and stimulation of this reservoir section.

ACHIEVEMENT

The our 7" 35 lb/ft ReLine DL was deployed through a milled window within the 7" casing. A primary cement job was conducted prior the successful expansion into a 6-1/2" underreamed open-hole section from 3,212 m to 3,285 m MD to isolate the high-pressure formation.

With the HP formation fully isolated, and the ReLine DL sealed and tied back into 7"35# casing, our post expansion ID of 5.140" allowed the operator to drill ahead to a 4 3/4" reservoir section, install preferred 3 1/2" liner for stimulation and production of natural gas.

SOLUTION

Well parameters were analysed and our 7", 35 lb/ft ReLine DL expandable open-hole liner system was selected as the optimal solution. The ReLine DL selected will be installed into a 6-1/2" under-reamed open-hole section from 3,184 m to 3,304 m MD. Due to a section of 42.7# casing within existing architecture, custom seals were developed to enable passage through this restriction.

PROJECT DETAILS

Location : Albania
Rig details: Land
Parent casing: 7" 35 lb-ft and 7"42.7 lb-ft run through.
Window information:
Top of Window: Bottom of Window: Axis 3,207 m 3,211 m
Open hole: 5.625" opened up to 6.500"
Drilling fluid type: WBM Salt/ Gypsum
Mud weight: 1.54/1.59 gr/cm3

