



PERFORMANCE BULLETIN – BLADERUNNER™

FRICITION REDUCING CENTRALIZER



MALAYSIA

FIELD: WEST DESARU

WELL: WD-A13ST1

DEPTH: 1,141.48mMD – 4,269.04mMD

7" x 8-1/2" (OD: 8-1/4") BLADERUNNER™ CENTRALIZER

FEATURES

Friction Reduction Spir-O-Lizer™ centralizer equipped with Torque & Drag patented ultra-low friction buttons and inner sleeve

Summary

First run of 7" Bladerunner™ centralizer for Petrofac Malaysia deployment of 7" Pre-Drilled Liner (PDL) successfully along with engineered trajectory design with low doglegs.

These have enable the 7" PDL to be run across 3.12km of 9-1/4" Open Hole on challenging build and drop inclination from 56 degrees up to 83 degrees and down to 61 degrees degrees to with an average Friction Factor below 0.1 inside previous casing and between 0.20 – 0.3 inside OH by utilizing OBM

Actual trajectory in 3D

