

Case Study

VICTUS™ Light Spiral Achieved 30% Drag Reduction for Long Horizontal Wells

APPLICATION

RIH 5-1/2" Production Strings in long horizontal wells

TECHNOLOGY

VICTUS™ Light Spiral

LOCATION

Middle East,
Unconventional Well

CUSTOMER CHALLENGE

RIH 5-1/2" production strings in 2 long horizontal HPHT gas wells with max DLS of 6, without the ability to circulate or rotate during RIH. Gain high standoff for good quality cement enabling efficient production.

CUSTOMER VALUE

Successful deployment with 30% drag reduction for 5-1/2" production strings in ~9640ft of horizontal open hole by utilizing solid composite centralizers - VICTUS™ Light Spiral (1/joint) in the open hole.

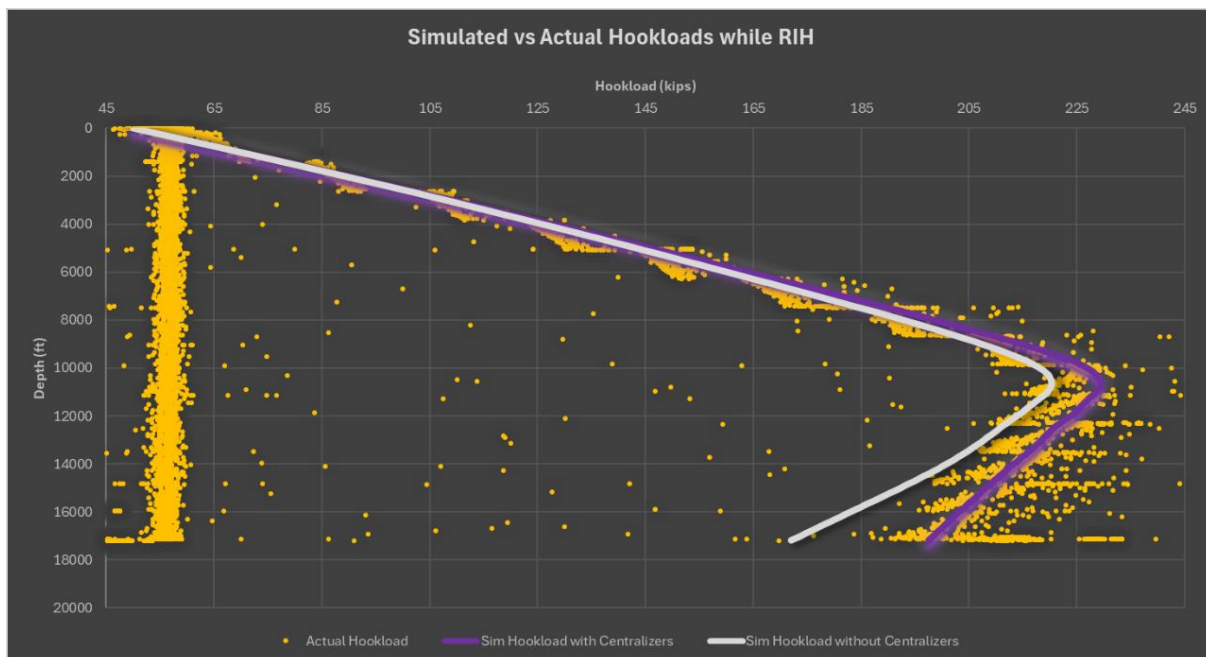
VICTUS™ Light Spiral



ANALYSIS & RESULTS

To validate the drag reduction capability of the Varel VICTUS Light Spiral (VLSP) composite centralizers, the simulated and actual hookload values were compared for 2 wells of the same profile. In both graphs, the simulated data shows that the actual hookload data points in **yellow** closely follows the simulated hookload **purple** line with VLSP centralizers in the OH; proving at least 30% drag reduction, compared to the simulated hookload **gray** line without centralizers.

Well #1 Analysis Graph



Well #2 Analysis Graph

