

# VAREL VICTUS BLADERUNNER

## The Trusted Leader in Well Construction Equipment

### APPLICATION

Deployment: 7" @ 22,766 TD  
Liner Length: 17,449 ft  
Open Hole Size: 8-1/2"  
Deviation: 26 to 90 degrees

### TECHNOLOGY

VICTUS BLADERUNNER  
CENTRALIZER

### LOCATION

KSA

### CUSTOMER CHALLENGE

A major operator in Middle East encountered significant challenges in the 8-1/2" open hole during the reaming trip. Due to the excessive drag in open hole, the work string had to be rotated unintentionally just to reduce drag, both during RIH and POOH. This excessive drag nearly made impossible to run 7" liner as the connection torque also restricted the 7" liner to rotate while RIH to reduce drag. Thus, the only viable solution was to deploy friction reduction devices to facilitate the 7" liner reaching TD.

### VAREL SOLUTION

VICTUS - BLADERUNNER centralizers were installed at a frequency of one per joint to reduce drag and eliminate the buckling or liner hold up due to excessive drag. Apart from the reduced friction, the VICTUS BLADERUNNER was also able to provide the recommended standoff due to solid spiral blades. The solid spiral blades not only ensured improved standoff but also facilitated efficient cement placement. The unique blade profile with gentle slope at the edges allowed for smooth liner running through the high dogleg sections, mitigating any potential risk during the operation.

Once the liner successfully reached TD, the Varel Applications Engineering retrieved the Rig Real Time Data and compared the field results with the simulations. The analysis indicated that the Bladerunner successfully reduced drag by 40-45%. The liner achieved an average stand-off of 75% in the open hole, which significantly contributed to an effective cementing operation

### CUSTOMER VALUE

- Overall drag reduction of 40-45%
- Stand-off Average of 75% achieved in the Open Hole
- Prevention of Buckling
- Ability to RIH quicker vs. steel centralization
- Varel ensures continuous, reliable Applications engineering support and delivers high-quality products, providing customers with consistent performance that builds customer confidence in using Varel products every time.

### VICTUS BLADERUNNER

