CASE STUDY | ES | ONSHORE

WEST TURKEY

CENTEK ES CENTRALIZER TRIAL DEMONSTRATES SUPERIOR PERFORMANCE

Region:	Edirne region
Location:	West Turkey
Country:	Turkey

An operator, working with a global distributor, sought technical advice from Centek after initial discussions. Based on the information provided, they decided to replace another supplier's centralizers with Centek's ES design—confident that Centek's expert support, advanced simulations, and precision manufacturing would deliver measurable improvement.

THE CHALLENGE

During a 7" casing operation in the Edirne region, the team faced typical issues from well deviation, lateral loading, and severe open hole excess. The initially selected competitor centralizers raised concerns over inadequate standoff and poor cement coverage, visible in bond logs.

Centek, in collaboration with the global distributor, was invited to review the centralization plan, assess technical requirements, and present an optimized solution to improve well integrity and cement quality.

THE SOLUTION

Centek conducted a simulation using the latest well trajectory and profile data. The revised modelling revealed that the original design provided insufficient standoff and required a full redesign. The number of centralizers was nearly doubled—ensuring above-API standoff across the entire cement column up to the previous casing shoe.

Centek ES centralizers (0700-0812ES) and stop collars (0700-0SO) were selected as the optimal solution for the 7" casing job.

The updated simulation and product selection were presented during a wellsite visit, where a comprehensive technical session was held with the Centek representative and the operator and global distributor.The session covered:

- The performance and benefits of Centek's ES and S2 centralizers
- Proper stop collar installation methods
- Optimized spacing and installation best practices

The installation at the rig was supported by translated instructions to ensure every procedural step was clearly understood and precisely followed. On-site, Centek representatives observed the process and verified that all recommendations were correctly implemented, making real-time adjustments where necessary to accommodate last-minute schematic changes.

The operation was a fully collaborative effort between the operator, distributor, and Centek's technical specialists — with all teams working together to ensure flawless execution from design through to installation.

THE RESULT

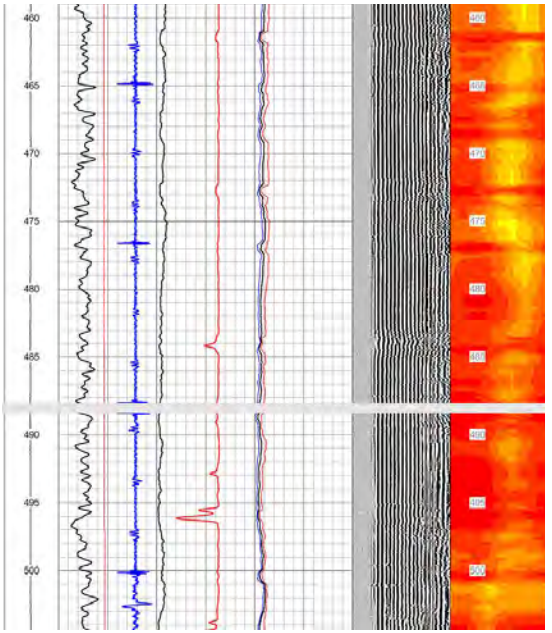
The casing run was smooth and executed exactly as planned. The two-stage cement job achieved excellent returns, with a clear separation between mud and cement at surface — an early indication that the centralizers delivered good standoff and held the casing in the center of the wellbore.

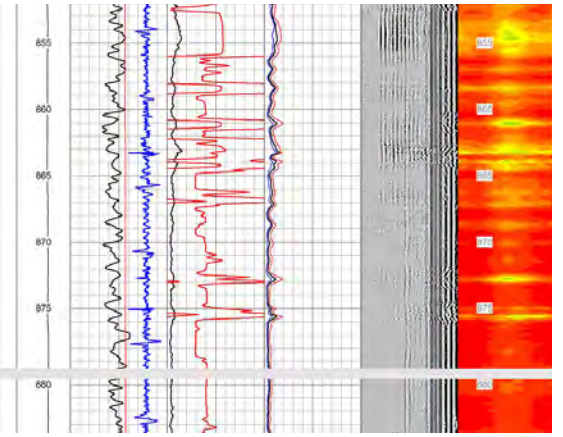
The cement bond log confirmed these results: exceptional cement placement and strong, consistent bonding throughout the section.

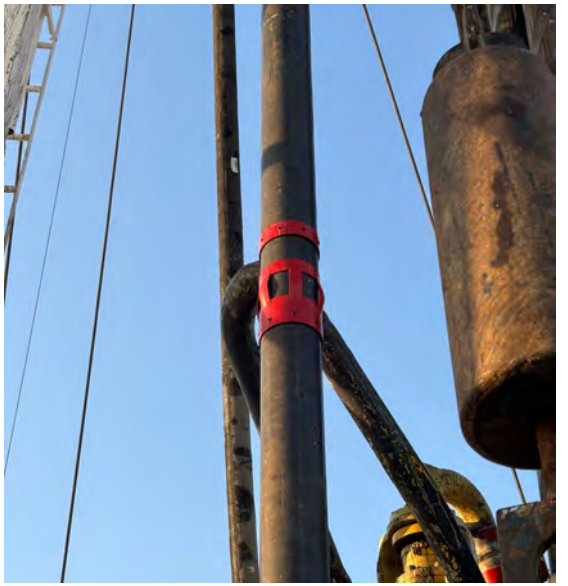
This successful collaboration reinforced Centek's position as a trusted centralization partner for this customer and set a benchmark for future tenders and regional campaigns.

> "The installation was smooth, the cement job was excellent, and the final bond log confirmed we made the right choice."
>
> Customer testimonial

The cement bond log showed consistent cement coverage throughout the cemented interval. The two snapshots below highlight the strong cement presence at different depths — one near the TOC (Top of Cement) and the other closer to TD.







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