



# EGYPT, PETRO AMIR

WHEN A 7" STRING WAS DROPPED TWICE, RE-USE OF CENTEK CENTRALIZERS SAVED THE OPERATOR 18 HOURS RIG TIME, NEARLY \$20,000 (USD) EQUIPMENT VALUE AND SECURED THE WELL

<b>Region:</b>	North Africa
<b>Location:</b>	Onshore Eastern Desert

<b>Country:</b>	Egypt
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## THE CHALLENGE

Repeat liner fails for Petro Amir meant that centralizers had to be pulled out of hole several times due to obstructions and failure of releasing tool and were subjected to a 4,000ft drop down hole after sudden loss of the weight of liner (40klb).

## THE SOLUTION

The use of Centek S2 centralizers meant that each time the liner was re-run the centralizers were in good condition. There was no damage from falling off the liner after RIH several times, two re-runs and a fishing operation.

## THE RESULT

Customer calculated that use of Centek S2 centralizers lead to a cost saving of \$19,708.00.

Minimum rig time was required during fishing and cleanout of hole because of no centralizer junks. This saved 18 hours rig time.

This is compared to the use of normal bow spring centralizers which, the customer felt, would have been more likely to have needed to be replaced as they could not have remained intact and could have broken in hole. This may have even led to the loss of the production section of the well.

*The Centek S2 single piece construction gives it robustness and strength which exceeds that of competitor products. Although Centek does not recommend the re-use of centralizers after they have been pulled out of hole this case study proves that even when subjected to extreme stresses the unique design of Centek centralizers meant that they remained in good condition and could be used repeatedly.*



EXCELLENCE TO THE CORE