

CASE STUDY



Centek S2

ONSHORE



CEN TEK
excellence to the core

CONOCO PHILLIPS, NORTH AMERICA

CORRECT SPACING PROGRAM WITH CENTEK CENTRALIZERS
LEADS TO NO CHANNELING FOR CONOCO PHILIPS

Region: North America

Country: USA

THE CHALLENGE

Severe channeling and only 38% standoff was found when using 1 traditional bowstring centralizer for every 4 joints in this onshore well. By running a series of different cases in iCem, Ted Groff at Halliburton identified that the centralizer program was inadequate.

THE SOLUTION

Halliburton recommended that Conoco Phillips use 1 Centek S2 centralizers per joint through the curve and 1 every other joint in the vertical.

THE RESULT

The pickup and slackoff (PU/SO) weights were very low in the vertical part above the curve, running from 5k to 10k lbs. At times it was negligible to the point of it not being possible to see a distinct PU/SO weight from string weight.

Centralization was optimized for mud removal through critical zones and centralizers were run according to engineered design. The added cost of centralizers was offset by reduced drag which went from 40,000lb to 22,000lb

The CBL showed no channeling using Centek centralizers.



Award Winning Innovation

- Designed for well applications and geometries for vertical, horizontal ERD, close tolerance, or under reamed well conditions
- API Rated
- Non-welded smooth bow profile overall
- Integral bow design for increased strength and performance
- Zero weak points
- Zero start and running force with exceptional restoring force
- Low friction coefficient
- Minimum rotational torque losses
- Minimize stall out effect
- Enhanced rotation due to optimized centralization

EXCELLENCE TO THE CORE

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