GRAND VALLEY, ROCKIES

INCREASING THE NUMBER OF CENTRALIZERS PER JOINT CAN DRAMATICALLY IMPROVE ROTATION AT TOTAL DEPTH

Region: Rockies
Country: USA
Location: WPX GM 701-4 HN1
Field: Grand Valley

THE CHALLENGE
To successfully rotate the liner while cementing in the horizontal section using 5 1/2" casing in an unfriendly drilled manner for casing running with mud issues.

THE SOLUTION
Centek's centralizer programme recommended more centralizers on the liner with 3 centralizers per 2 joints to ensure:
- A high stand-off ratio
- Casing was centralized
- Reduced torque
- Casing sag was minimized.

THE RESULT
Although there were unrelated mud issues to resolve that had a big impact on casing running for the first well, the casing was successfully rotated at 60rpm when on bottom at 16,676ft.

"It was like having ball bearings in the hole!"
Comment from Operator Engineer

S2® 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