

Power section	7.00 in 6/7 lobes 12.1 stages
Stator type	DynaMic 10S/STD
Elastomer	NED3

Basin	Eagle Ford
Section length	12,736 ft [3,381 m]
TD	22,812 ft [6,953 m]
Circulating hours	47.5 h
Min Temperature	240 °F [115 C]
Max Temperature	328 °F [164 C]
Temperature Variance	88 °F [49 C]
Mud type	OBM
Solid Content	31%

DynaMic-DynaPower XE Power Section drills 3x times faster in the Eagle Ford

Variable temperature power section, combined with DynaPower XE, helps customer reach TD in the Eagle Ford

The DynaMic Variable Temperature Power Section has a unique, deviated stator profile designed to reduce heat generation in the power section, extending motor life and improving performance in extended reach wells.



The DynaMic power section is optimized for performance in both the low- and high-temperature sections of the well.

After being introduced in the Eagle Ford, the DynaMic-DynaPower XE motor helped customers drill 9% further than conventional power sections, while maintaining an average ROP of 313 ft/r, which is 189% than the offset well.

This incredible run was achieved at elevated bottomhole temperatures, ranging from 240°F [115 C] to 328°F [164 C]. The elastomer was also able to successfully withstand the aggressive OBM, using a 31% solid content

Background

An operator wanted to drill the 7-in interval of a lateral well in South, Texas, United States, as fast as possible.

Technologies

- DynaMic variable temperature motor power section
- DynaPower XE, High power elastomer motor elastomer

