

TECH REPORT

Power section	7.25 in 6/7 lobes 12.1 stages
Stator type	Conventional
Elastomer	NED3

Basin	Eagle Ford
Section length	24,406 ft [7,439 m]
TD	36,156 ft [11,020 m]
Circulating hours	124 h
Temperature	246 °F [119 C]
Mud type	OBM
Solid Content	38%

Background

An operator wanted to drill the 7.25-in interval of a lateral well in South, Texas, United States, as fast as possible.

Technologies

- DynaPower XE, High power elastomer motor elastomer

DynaPower XE Power Section drills 2x further in the Eagle Ford

DynaPower XE drills nearly 25,000 ft in challenging wells, using aggressive muds with high solids

The DynaPower XE conventional power section helped customers drill 107% further than conventional power sections, while maintaining an average ROP of 210 ft/hr, which is 84% that of the offset well.

This run was achieved at bottomhole temperatures, approaching 250 °F. The elastomer was also able to successfully withstand the aggressive OBM, using a 38% solid content.

