

TEXAS, USA

EAGLE FORD SHALE

Lithology	Shale
Reservoir	Eagle Ford
Bottomhole temperature	290 degF [143 degC]
Well depth	17,500 ft [5,334 m]
Completion size	5½ in
CT string size	2¾ in [60.3 mm]

Background

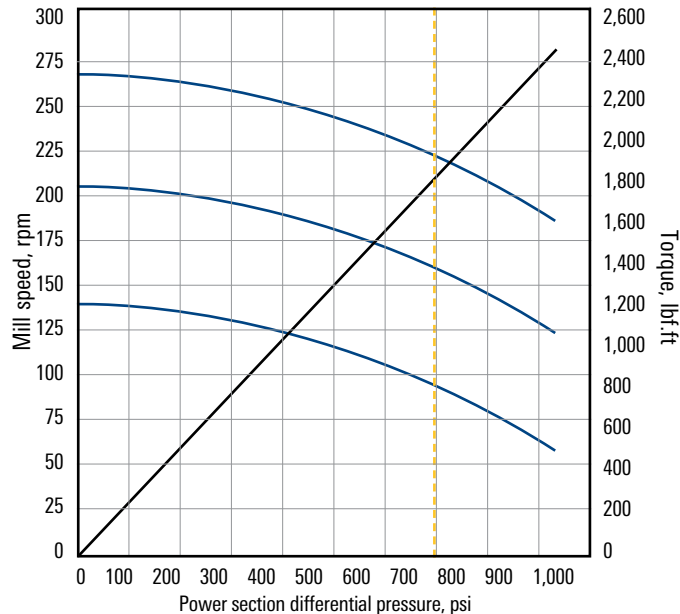
An Eagle Ford operator needed to mill out 21 5½-in composite bridge plugs to bring a well onto production.

Technology

- CoilTOOLS* CT intervention tools and solutions

High-Performance CT Motor Improves Milling Efficiency by 55%

Eagle Ford operator drills through 21 frac plugs in just 33 hours



Schlumberger introduced a 3½-in high-performance motor, which increased flow rate, torque, and milling efficiency. The new motor improved frac plug removal time by 55%, saving the operator 40 hours compared with previous milling operations using 2¾-in motors and 2-in CT string. The 3½-in coiled tubing motor, part of the CoilTOOLS tools and solutions portfolio, helped an Eagle Ford operator achieve significantly higher milling performance. This included:

- 75% higher maximum flow rate
- 209% higher maximum torque
- 55% faster plug removal time.