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: 2⅜ 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 3⅜-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 2½-in motors and 2-in CT string. The 3⅜-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.

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