



# Weatherford®

## REAL RESULTS

### ZoneSelect® Technology Overcomes Washout Conditions, Isolates 5 Zones, Saves Rig Time, Costs

#### Objectives

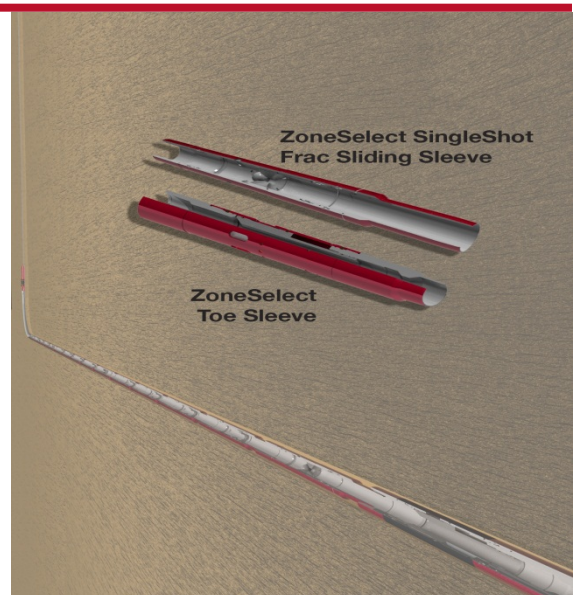
- Install a *ZoneSelect* fracturing completion system in an 8 1/2-in. open hole, and cement in place to eliminate washout issues in the wellbore.

#### Results

- The client enlisted Weatherford to deploy a 5 1/2-in. *ZoneSelect* SingleShot system with cementation accessories for five zones. The cementing accessories are derived from Weatherford's existing cementation product line, which to-date has achieved a very high standard and success rate in the industry.
- A wiper dart was specially designed to wipe clean the cement from the inside of the SingleShot sleeves and to pass through the ball-seat restrictions.
- The combined system was successfully deployed with no issues, after which a 10,000-psi (68.9-MPa) system was also successfully deployed in the wellbore.

#### Value to Client

- Using Weatherford's *ZoneSelect* SingleShot system and cementing equipment enabled the operator to create zonal isolation in five zones and meet predetermined pressure limitations.
- The *ZoneSelect* system minimized extraneous time and services required to stimulate the well, saving the associated rig costs and reducing the overall environmental impact.



In a well experiencing openhole washout issues, packers were unable to be used. To overcome the wellbore conditions, Weatherford cemented *ZoneSelect* technology in place, a first for China, and isolated five individual zones in a 8,908-ft (2715.20-m) well, decreasing overall costs while increasing production rates.

**Location**  
China

**Well Type**  
Onshore, oil

**Formation**  
Sandstone

**Hole Size**  
8-1/2 in.

**Depth**  
8,908 ft (2715.20 m)

**Casing**  
5 1/2-in. 17 lb/ft (25.33 kg/m)  
(cemented to surface)

**Products/Services**

- *ZoneSelect* SingleShot fracturing sleeves
- *ZoneSelect* toe fracturing sleeve
- Wiper dart
- Landing collar
- Float shoe

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