



# Weatherford®

## REAL RESULTS

### ComboFrac™ Openhole Packer Installed in One Trip With No Lost Time or Failure, Saves Rig Costs, Sets Record for Operator

#### Objectives

- Isolate a zone by installing an openhole packer that meets the pressure, temperature, and effective-sealing-length requirements.

#### Results

- Weatherford deployed the 4 1/2- x 5 3/4-in. *ComboFrac* openhole packer, a part of Weatherford's *ZoneSelect*® fracturing completion system. The *ComboFrac* packer provides compression-set capabilities using both mechanical and swelling-elastomer isolation and the placement of conforming swellables on either side of the center element.
- The *ZoneSelect* system selected comprised SingleShot fracture sliding sleeves, *ComboFrac* openhole packers, *UltraPak*™ U permanent sealbore packers, and additional accessories.
- The *ComboFrac* packer was installed in a 6-in. open hole.
- This packer enabled the operator to deploy a *ZoneSelect* system in the well without the worry of pre-setting the openhole packer.
- When the packer reached the bottom, the operator was able to set the packer and carry out system testing instantaneously.
- After the fracturing was completed, the packer swellable elements activated per the operator's time requirements and increased the sealing area to 10 ft (3 m) in total length, without losing the 10,000-psi (968.94-MPa) rating.

#### Value to Client

- Using Weatherford's *ComboFrac* packer, with its hydraulic and mechanical components and longer elements, enabled the operator to achieve instant-set isolation in the formation.
- Having mechanical and swellable elements in one packer enabled the operator to achieve in only one trip what conventional technology requires two or more trips to accomplish, saving valuable rig time and associated costs.
- This installation was the 1,000th installed for this operator in China, all without any lost time or failures.

Weatherford's *ComboFrac* openhole packer provided both a conventional compression-set element and a conforming swellable elastomer, achieving zonal isolation and fracturing in one trip, saving the operator rig time and associated costs.



**Location**  
China

**Formation**  
Sandstone

**Well Type**  
Onshore, oil

**Hole Size**  
6 in.

**Depth**  
9,099.61 ft (2773.56 m)

**Casing**  
7-in., 29-lb/ft (43.2 kg/m)

**Products/Services**

- *ZoneSelect* SingleShot fracturing sleeves
- *ZoneSelect* toe fracturing sleeve
- *ComboFrac* packer
- *UltraPak* U packers
- Knockout landing collar
- Float shoe

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