



# Weatherford®

## REAL RESULTS

### ZoneSelect™ Sleeves, Openhole Packers Combine to Fracture Openhole Horizontal Well Using LPG Carrier Fluid

#### Objectives

- Complete multiple fracture stages without having to perform rigging or wireline operations on the wellhead that would expose personnel to liquefied petroleum gas (LPG) fracture treating fluid.
- Perform continuous fracture treatment to eliminate the need to purge LPG from piping systems between fractures.

#### Results

- The operator successfully deployed Weatherford's *ZoneSelect* SingleShot Frac Sliding Sleeves and the ARES hydraulic openhole packers to total depth (TD).
- The ARES packers isolated each stage's fracture treatment.
- The *ZoneSelect* sleeves reliably opened at the predetermined opening pressure when the appropriate actuating ball landed on its seat.
- The operator was able to pump the LPG fracture treatment continuously with a safe, closed system without the need for wellhead rigging operations for wireline or coil tubing.

#### Value to Client

- Using Weatherford's *ZoneSelect* sliding sleeves and the ARES packers enabled the operator to rig up one time and pump fracture fluid continuously through all zones.
- With the *ZoneSelect* system in place, the operator did not need to perform the 2-hour purge of LPG from the lines to fracture the next zone, saving valuable rig time and associated costs.



Weatherford's *ZoneSelect* SingleShot Frac Sliding Sleeves (above) were placed in between ARES isolation packers (below) in a multizone, horizontal completion, enabling the operator to perform multiple fracturing operations in a single run without the requirement to purge the lines of LPG, improving efficiency and saving rig time.



#### Location

Dimmit County, Texas

#### Formation

San Miguel formation

#### Well Type

Onshore, horizontal oil producer

#### Openhole Size

6 1/4 in.

#### Casing Liner

4 1/2 in.

#### Products/Services

- *ZoneSelect* SingleShot Frac Sliding sleeves
- ARES hydraulic openhole packers

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