

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.



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.

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.



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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