



Weatherford®

REAL RESULTS

ASP® GENESIS® Packers, ZoneSelect® System, FloReg™ ICDs Isolate Zones, Provide Uniform Flow, Reduce Water Production

Objectives

- Isolate and maintain a uniform flow from different zones in the same well.
- Reduce water production and eliminate the likelihood of water coning.

Results

- Weatherford deployed the *ASP GENESIS* annulus swellable packers to operate in combination with the 4 1/2-in. *FloReg* inflow control device (ICD) system and the *ZoneSelect* openhole completion system.
- The *FloReg* ICDs reduced the tendency for water breakthrough, enabling the reservoir to drain more efficiently, maximizing production.
- The *ASP GENESIS* packers and the *ZoneSelect* system enabled selective isolation of multiple zones in the reservoir while maintaining the required differential pressure for each zone.
- The complete system optimized the oil production and sustained the flow at the required rate, reducing the water production for a long span of time as well as eliminating the chances of water coning.

Value to Client

- Using Weatherford's *ASP GENESIS* packers, the *ZoneSelect* system, and the *FloReg* ICDs enabled the operator to isolate certain zones, reducing and sustaining the water-production rate for a longer time along the entire length of the horizontal well.
- The combined systems extended the life of the well, reducing and delaying workover and intervention costs.



Weatherford's *ASP GENESIS* packers, *FloReg* ICDs, and the *ZoneSelect* system enabled multiple isolations to be performed in a single trip, reducing water production and enabling a more uniform flow throughout the 12,217 ft (3723 m) horizontal well.

Location

Kuwait

Formation

Sandstone

Well Type

Onshore, horizontal, oil

Hole Size

6-1/8 in.

Completion Interval

1,800 ft (548 m)

Measured Depth

12,217 ft (3723 m)

Products/Services

- *FloReg* ICD Screens
- *ASP GENESIS* packers
- *ZoneSelect* openhole completion system
- Fluid-loss flapper valve
- Liner hanger

Weatherford
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