



Weatherford®

REAL RESULTS

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

Objectives

- Isolate and maintain a uniform flow from different zones to optimize all well-flow characteristics.
- Reduce water production and eliminate the likelihood of water coning.

Results

- Weatherford deployed the ASP GENESIS annulus swellable packers and the ZoneSelect openhole-completion system to operate in combination with the FloReg inflow control device (ICD) system.
- The FloReg ICDs reduced the tendency for water breakthrough, enabling the reservoir to drain more efficiently, maximizing production.
- The ASP GENESIS and ZoneSelect system enabled multiple selective isolation of 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 longer span of time.

Value to Client

- Using Weatherford's ASP GENESIS packers, the ZoneSelect system, and the FloReg ICDs enabled the operator to isolate certain zones, reducing the water production for 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 ZoneSelect completion system with ASP GENESIS packers and FloReg ICDs enabled multiple isolations to be performed in a single trip without thru-tubing intervention, reducing water production and enabling a more uniform flow throughout the 14,800-ft (4,511-m) horizontal well.

Location

Kuwait

Formation

Carbonate

Well Type

Onshore, horizontal

Hole Size

6-1/8 in.

Openhole Completion Interval

5,200 ft (1,584 m)

Measured Depth

14,800 ft (4,511 m)

Products/Services

- ASP GENESIS annulus swellable packers
- ZoneSelect openhole completion system
- FloReg ICD screens
- Fluid loss flapper valve
- Liner hanger

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