



Weatherford®

REAL RESULTS

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

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 5 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 FloReg ICDs, ASP GENESIS packers, and the ZoneSelect system 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, ZoneSelect system, and FloReg ICDs enabled multiple isolations to be performed in a single trip, reducing water production and enabling a more uniform flow throughout the 10,643 ft (3243 m) horizontal well.

Location

Kuwait

Formation

Sandstone

Well Type

Onshore, horizontal, oil

Hole Size

8-1/2 in.

Completion Interval

1,415 ft (431 m)

Measured Depth

10,643 ft (3243 m)

Products/Services

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

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