



Weatherford®

REAL RESULTS

GENISIS® Hybrid Swellable Packer Eliminates Saltwater Intrusion Using Drilling Fluid, Saving Disposal Costs and Rig Time

Objectives

- Maximize oil production by shutting off saltwater intrusion from the oil well as efficiently and cost-effectively as possible.
- Run the completion through both cased-hole and openhole sections of this highly deviated well.

Results

- Weatherford's GENISIS swellable packers were run on the same base pipe as the production casing, with the drilling fluid still in place and acting as the swelling medium for the three 6.6-ft (2-m) × 5.85-in. (149-mm) OD packers. This eliminated the need for costly crossovers and additional connections.

Value to Client

- Using Weatherford's swellable packers and the existing casing and drilling fluid, the saltwater was shut off from the well, and oil production was increased.
- The GENISIS swellable packers saved the operator the high costs associated with saltwater disposal and rig time for additional crossovers and connections.

GENISIS hybrid swellable matrix 6.6-ft (2-m) packer

Location

Basma field, Oman

Well Type

- Onshore oil producer
- 2,600-ft (793-m) horizontal leg with 6,700-ft (2,042-m) MD

Casing Type

4 1/2-in., 11.6-lb/ft L-80

Downhole Temperature

140°F (60°C)

Downhole Pressure

1,200 psi (8.27 MPa)

Products/Services

GENISIS hybrid swellable packer
6.6-ft (2-m) × 5.85-in. (149-mm) OD



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