



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



Weatherford
Dean Laliberte
Applications Technologist
dean.laliberte@ca.weatherford.com