



# Weatherford®

## REAL RESULTS

### Insert Progressing Cavity Pump Significantly Reduces Downtime, Rig Costs in Oman

#### Objectives

- Reduce well servicing time and associated pump-change costs when pulling or replacing a tubing-conveyed progressing cavity pump (PCP). Previously the average downtime and cost to install or replace a tubing-conveyed PCP was approximately 48 hours and US\$40,000 at a rate of approximately US\$833 an hour.

#### Results

- Weatherford installed an Arrowhead® insert PCP (I-PCP) for 3 1/2-in. tubing, improving well servicing times and minimizing pump-change costs associated with the current tubing-conveyed PCP. When the pump was replaced, the combined overall well intervention time for the I-PCP system (installation and retrieval) was 28 hours.
- The I-PCP system was installed from the production tubing using COROD® continuous rod or conventional rod, eliminating the requirement to pull and re-run tubing.

#### Value to Client

- Weatherford's I-PCP system reduced the client's well servicing time by 20 hours (42%), resulting in a net savings of US\$34,000 per intervention.



Weatherford I-PCP technology provides a compact and practical solution for reducing downtime and costs associated with pulling tubing when replacing or changing a tubing-conveyed conventional PCP.

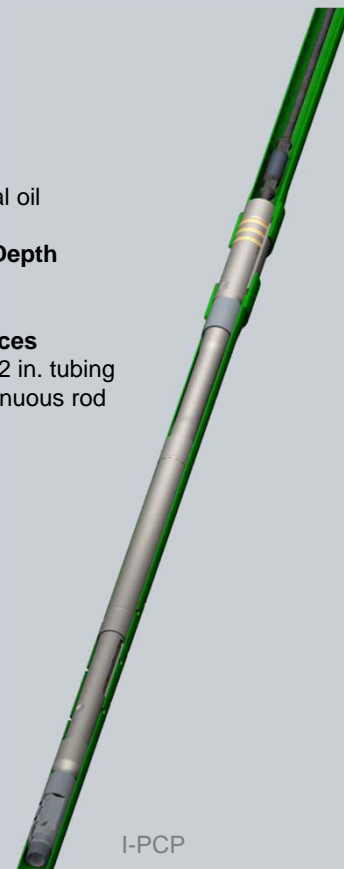
**Location**  
Oman

**Well Type**  
Onshore, vertical oil

**Pump Setting Depth**  
1,565 ft (477 m)

**Products/Services**

- I-PCP for 3 1/2 in. tubing
- COROD continuous rod



Weatherford  
Ken Saveth  
Senior Applications Engineer  
ken.saveth@weatherford.com