



# Weatherford®

## REAL RESULTS

### Thru-Tubing Intervention Increases Daily Oil and Gas Production of Pakistan Well

#### Objectives

- Increase oil and gas production rates of a well in the Meyal field by removing fill and scale from the 2 7/8-in. production tubing and the 5-in. liner.

The well was completed in 1981, with an initial production of 1,000 bbl/d of oil and 8 MMscf/d of gas. Over time, hard, insoluble scale had accumulated in the production tubing and the liner, reducing oil production to 27 bbl/d and gas production to 1,011 MMscf/d.

#### Results

- Weatherford successfully removed the scale and fill from the tubing and the liner, using a chomp mill and underreamer. Nitrogen and acid were circulated through the MacDrill® motor to enhance cleaning.

#### Value to Client

- Oil production increased from 27 to 340 bbl, and gas production increased from 1,011 to 1,232 MMscf/d.
- Weatherford completed the job in four days, without the need for—or cost of—a workover rig.



#### Client

POL Pakistan

#### Location

Meyal field, Pakistan

#### Well Type

Oil/gas producer

#### Tubing Size

2-7/8 in.

#### Liner

5 in.

#### Wellhead Pressure

350 psi (2,413 kPa)

#### Products/Services

- MacDrill motor
- Underreamer
- Chomp mill