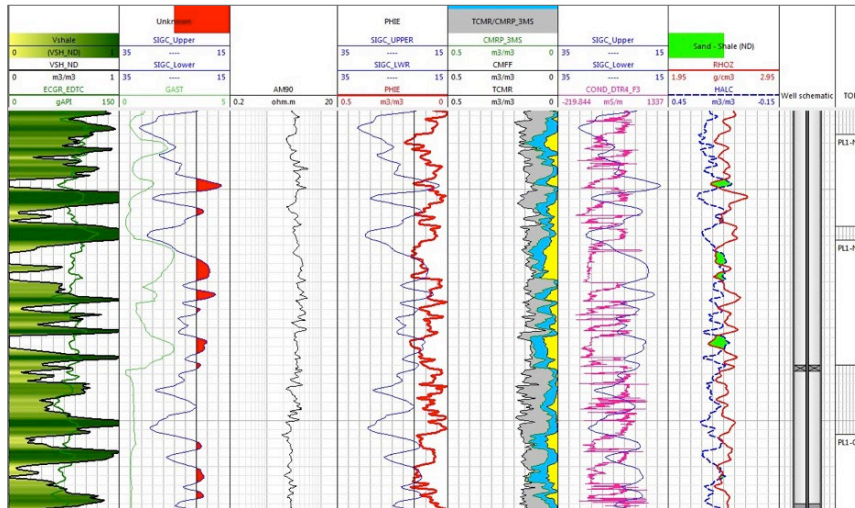


# Raptor<sup>®</sup> Cased-Hole Evaluation System

## Detects Gas Reserves Behind Casing, Enables 4x Higher Production Than Estimated



The Weatherford Raptor cased-hole evaluation system gathered data showing clear gas-bearing sandstones (marked in red).

### Objectives

- Evaluate a thinly layered, low-porosity reservoir through tubing and casing to identify gas-bearing sandstones.
- Perforate the tubing and casing, and begin producing the selected zones.

### Our Approach

- Using the Raptor cased-hole evaluation system, Weatherford logged the well in SIGMA mode and then integrated and interpreted all data to create a complete and robust petrophysical assessment of the well. This analysis helped the customer to identify unproduced layers and select optimal zones for production.
- Weatherford also provided perforating services for the well.
- Production tests confirmed the data gathered by the Raptor system and the Weatherford analysis of the gas-bearing zones.

### Value to Customer

- The Raptor system enabled the customer to locate behind-casing reserves and extract more gas from the well, which enhanced the productivity and profitability of this asset.
- Post-perforation production in these zones was four times higher than estimated.

#### LOCATION

Adriatic Offshore Basin, Italy

#### WELL TYPE

Offshore, vertical, gas producer

#### FIELD

Porto Corsini

#### FORMATION TYPE

Sandstone

#### HOLE SIZE

8.5 in. (215.9 mm)

#### CASING SIZE

7 in. (177.8 mm), 32 lb/ft (47.6 kg/m)

#### DEPTH

12,467 to 14,485 ft (3,800 to 4,415 m)

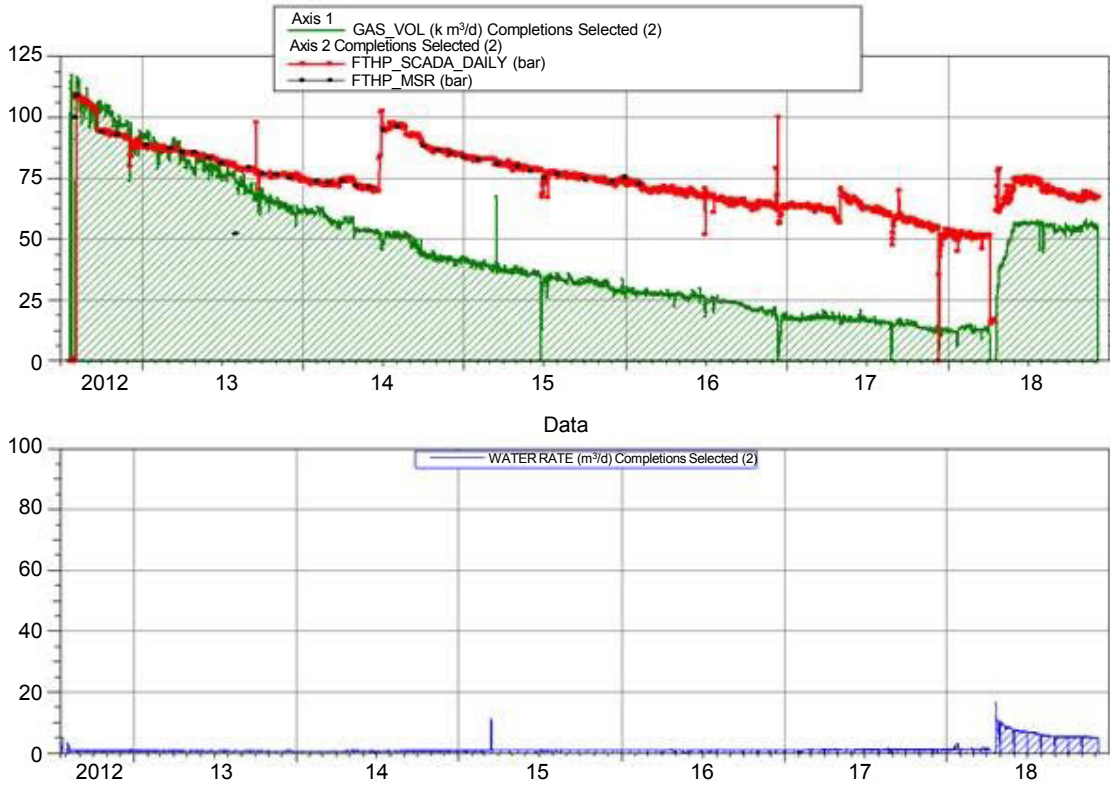
#### PRODUCTS/SERVICES

- Raptor cased-hole evaluation system
- Perforating services



# Raptor<sup>®</sup> Cased-Hole Evaluation System

## Detects Gas Reserves Behind Casing, Enables 4x Higher Production Than Estimated



Post-perforation production in the well reached levels four times higher than estimates.

