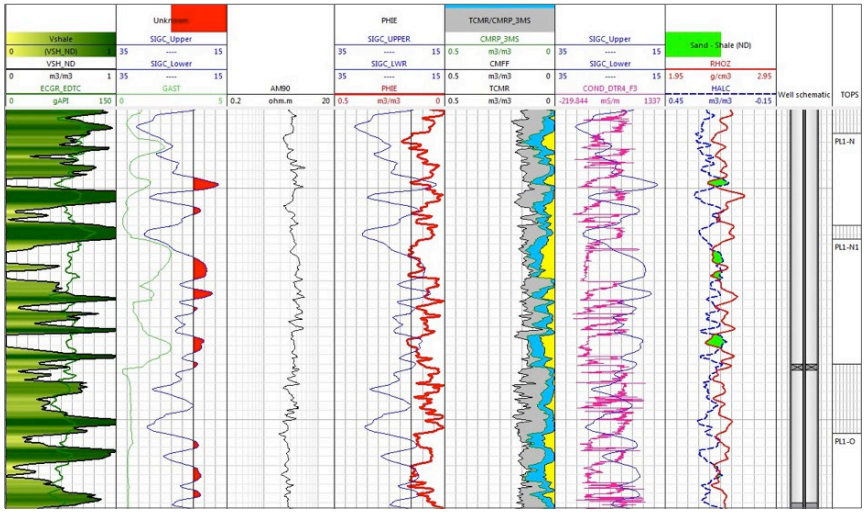
Raptor® System and Interpretation Services Detect Gas Reserves Behind Casing, Enable 4x Higher Production Than Estimated



The Weatherford Raptor 2.0 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 2.0 cased-hole evaluation system, Weatherford logged the well in SIGMA mode.
- The Interpretation and Evaluation Services team 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

- Combined with expert analysis from the interpretation team, the Raptor 2.0 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
- Interpretation and Evaluation Services
- Raptor 2.0 cased-hole evaluation system
- Perforating services

Weatherford®

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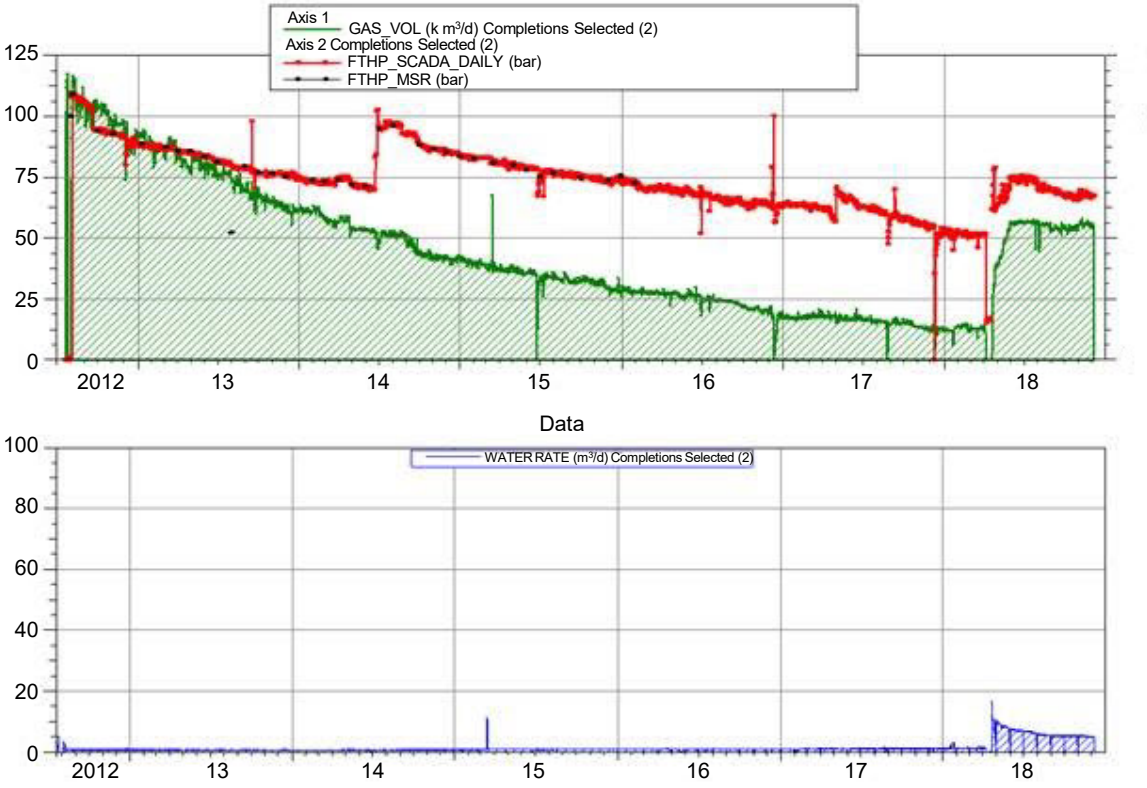

Post-perforation production in the well reached levels four times higher than estimates.