

## AGR doubles production in mature Spanish field.

### CHALLENGE

AGR was engaged to manage a mature onshore oil field in Spain. The field was originally developed with 50 wells but 80% had subsequently been abandoned due to low pressure and high water cuts. AGR studied the field production history and well logs to identify potential 'missed-pay' zones, based on which a work-over and perforation campaign was proposed.

#### Complicating factors

- The reservoir is characterised by poorly connected fluvial sands.
- Some pressure maintenance pilots had been attempted but were not well documented.
- No coherent reservoir model existed.

### RESULT

Significant missed-pay targets were identified by AGR. The subsequent work-over and perforation campaign led to a doubling of oil production. The production increase has been maintained and a second round of work-over and perforations is planned following the successful first phase. A managed pressure maintenance pilot has also been initiated.

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