



AGR provides added value to PEMEX by proposing viable options for developing an offshore gas field complex in the GoM.

## CHALLENGE

In 2004 AGR was engaged to review a development plan for a complex of gas fields in the near offshore Mexican Gulf of Mexico. Prior to this intervention, no alternative developments had been proposed and the project manager was concerned that opportunities may have been overlooked by the Pemex project team.

### Complicating factors

- The Pemex project team were reluctant to open up a project that they considered to be completed, having delivered a field development solution.
- The relationship had to be built up to allow the team access to field data and local engineering and drilling cost data.

## RESULT

AGR spent a focused period of two weeks applying the Asset Value Assurance (AVA) Process to the plan. It opened up a range of alternative options for the gas development including fundamental questions on usage of the gas (gas sales, power, injection for enhanced oil recovery) and the corresponding facilities options to support this. During the course of the study, which engaged a senior team comprising a geoscientist, a reservoir, completion and facilities engineer plus an economist (as project manager), the options were evaluated and screened back to a preferred option.

AGR delivered a recommended development plan, supported by a risk matrix which justified this solution above others, while identifying risk activities to manage residual risks.

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