

Summary

p.3 Letter from the Board
Exploration and reserves? New ideas?

Statistics

p.6 **Oil and gas in numbers**

Statistical Brochure

Analysis and trends

p.8 **Balance for the year 2003**

During a lunch held last December 11 to celebrate the Oil and Gas Day, Mr. Ernesto López Anadón, 2nd Vice President and acting President of the Instituto Argentino del Petróleo y del Gas (IAPG) (Argentine Institute for Oil and Gas), delivered a speech in which he reviewed the main events which took place in 2003.

By Ernesto López Anadón

p.12 **The status of Argentina's exploration**

On November 6, 2003, a workshop took place on "The status of Argentina's exploration" at the Sofitel Hotel in Buenos Aires, organized by the IAPG's Exploration and Development Committee. With the purpose of performing an analysis and an interchange of ideas during the workshop, the Committee drew up a discussion paper, a summary of which has been published, where an analysis of the status of exploration, the main factors determining and affecting its decisions and processes, and a diagnosis of the causes which led to the present situation, were shown. Likewise a summary of the ideas put forward in the workshop has also been published.

p.20 **Onshore exploration in Argentina: Recent past, present and future.**

The status of Argentina's exploration and its close correlation, the situation of its oil and gas reserves, at present constitute a strong source of concern for both national and provincial Governments, enterprises, professional institutions, and even for the sector's technicians and professionals. This concern is clearly centred around the strong current recession in exploration activity and the drop in reserves experienced during the last two or three years.

By Carlos A. Gullisano

p.40 **New ideas for exploration?**

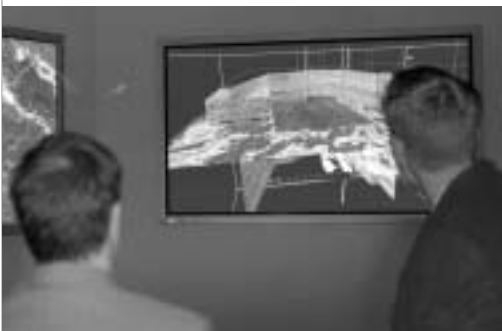
During the last few years exploration activity has shrunk notoriously. The scarce activity, which has been carried out, has been reduced to the productive basins and less so to the higher risk areas, but was null in the non-productive basins. Has this reality brought about new ideas to encourage exploration activity? What measures should be taken with this aim in view? Petrotecnia's editorial staff drew up a questionnaire and sent it to the sector's different enterprises and professionals.

Answers were received from: Roberto Blocki, Andrés Boll, Daniel Dellape, Leonardo Legarreta, Repsol YPF and Marcelo Rosso.

p.50 **Exploration in Argentina. An additional perspective.**

Proven oil and gas reserves show decreasing figures from one year to another and new discoveries are rare, especially of large fields. There are many reasons why the activity has reached its present state, and the general crisis which the country has been caught up in, is one of them.

The present article includes some ideas and a special outlook, which is complementary to the geological or



technical view of the exploration problem. The aim of this is to put new energy into the debate which should include the sector's and the country's highest authorities on the matter, as the future of not only the various enterprises or professionals of the sector is at stake, but also future energy supply.

By Daniel Gerold

Reserves

p.32 **Oil and gas reserves**

On December 18, 2003, a seminar took place on "Present state and future of the Oil and Gas industry in Argentina", organized by KPMG and the IAPG. During this seminar Daniel Alberto Kokogian, VP Exploration and Development Manager for Acquisition and Divestitures of Pioneer Natural Resources, referred to the "the state of the oil and gas reserves in Argentina", reproduced in this edition.

By Daniel Alberto Kokogian



Infrastructure

p.54 **Expansion of the infrastructure for the transport of electric power**

Continuing with the publication of winning articles derived from the contest organised by the IAPG during the International Energy Forum (Buenos Aires, from 6 to 10 October, 2003) on "Energy in the 21st. Century", herein is published the article by Gabriel Nicchi which obtained second place for its "technical aspect". His work "Expansion of the infrastructure for the transport of electric power" analyzes the infrastructure for the transport of electric power during the nineties, which proved insufficient in Argentina. This article not only gives an explanation of this problem, but also offers a few plausible solutions.

Technologies

p.68 **In the El Trapial Field. Water control: Application of new technologies and products**

The El Trapial field is at a mature stage of secondary recovery, with a high water cut associated with oil production.

The technical paper "Application of new techniques and products for water control – Case histories in the El Trapial Field" presented at the 2003 2nd. Hydrocarbons Congress reviews available water control alternatives and describes two case histories.

By Augusto Zubillaga (Chevron San Jorge SRL); Mariana Cortona, Manuel Veiga and Norberto Briggiler (BJ Services S.A.)

Management

p.78 **Organizational development. Attributes, skills, profiles and stress: A conceptual framework**

Maximizing customers' satisfaction by increasing the value they perceive as compared with competitors is the ultimate goal of any organization. Understanding and exceeding customer needs must be part of a continuous action and requires full commitment. Thus, an organization that is ready to face changes is so aware of opportunities that it can perceive them where others fail to do so.

By Alfredo Bernardi

News

p.83 **Business News**

p.92 **IAPG News**
News from Houston

