Excellence and responsibility in serving society: a challenge for the petroleum industry in the 21st century.

The first ever WPC Excellence Awards ceremony to be held in Rio.

Rio in the Spring: how to make the most of the “Marvellous City”.

The 17th World Petroleum Congress (17th WPC), to be held in Rio de Janeiro in September 2002, is extremely important for the petroleum industry as a whole. By then, it is expected that the Brazilian oil & gas market will have opened up to reach a very advanced stage, offering new and unlimited opportunities for investors all over the world. Since 1995, the state monopoly in the Brazilian petroleum sector has become more flexible, extending the participation of Brazilian and foreign private companies to many market segments, such as oil exploration and production; natural gas transportation and storage; refining, transportation, storage and distribution of oil products. In January 2002, primary product imports (gasoline, LPG and diesel) are expected to receive government authorisation to give a boost to the country’s oil market maturation.

The top personalities of the sector will be at 17th WPC, discussing the industry’s foremost issues. This will be a huge opportunity to celebrate all that has been achieved. It is also a recognition of the importance of the Brazilian petroleum industry itself.

We are also very enthusiastic about the positive replies from sponsors. Strong support has been provided by the Brazilian state-owned oil company Petrobras; ANP (the Brazilian regulatory agency for the oil industry) and CTPETRO (Ministry of Science & Technology fund to Brazilian oil and gas development). Furthermore, four private firms have already subscribed as Gold Sponsors (this number may increase to eight shortly); seven firms have signed up as Silver Sponsors and eight as Bronze Sponsors. However, that is not all: negotiations are in progress with a number of other potential partners. Rio Oil & Gas Expo 2002 to be held at the same time also has promising prospects. Today, one year before the event, approximately 23,000 sq.m. of exhibition area has already been sold – 3,000 more than the year before! We are confident that this will be a very successful event, since our expectations have already been exceeded, both in terms of scheduling and sponsorship.

João Carlos de Luca
President of the Brazilian Committee
Scientific progress and the use of the world’s petroleum resources for the benefit of mankind will be discussed in Rio de Janeiro, from 1st–5th September, 2002, at the 17th World Petroleum Congress (17th WPC). In addition to providing an international forum for debate on issues faced by the global petroleum industry, the forthcoming Congress will focus specifically on the topic of excellence and responsibility of the petroleum industry in serving society. This theme was chosen to increase the concern for permanent technology achievements in the petroleum industry and the conciliation of oil and gas exploration with sustainable development. Social responsibility has increasingly been a top question on the international agenda. In the petroleum industry, it means developing environmentally sound technologies, settling trusted relationships with the communities and improving the quality of life of those populations directly affected by its operations.

The Congress will be divided into four thematic blocks. Each block includes plenary addresses by high-profile business leaders (keynote speakers), forums on key areas of industry interest, leading-edge review and forecast papers, and complementary poster sessions.

The first block involves topics about excellence in oil and gas exploration and production; the second will focus on excellence in refining and delivering of quality petrochemicals; in block three, participants will discuss clean natural gas energy; and the last, block four, will address the issue of economic, environmental and social responsibility of the petroleum business. In each block, six forums will be held, giving the participants an opportunity to exchange ideas and experience on selected issues. In each forum there will be four to six oral presentations followed by a question and answer session.

Additionally, plenary addresses will be given by top executives in the oil industry, individually invited by the Congress. These addresses consist of papers on topics of wide interest to the industry as a whole. In some cases, they will also act as an introduction to one or more technical sessions on the subject, which will discuss the issues raised in greater detail (for further information about forum topics and plenary sessions please refer to the box on page 3).

The Poster Sessions will complement the papers and discussions with poster displays and accompanying notes on aspects of the subject. Poster presentations will be selected by each forum Chair. The Posters will be displayed in areas adjacent to the forum session venue.

Three thousand delegates are expected, among them, key members of the oil, gas and related industries, government representatives, academics, members of the scientific and research community, as well as the media. Delegates will be attending an event that offers high-level international networking, top internationally renowned keynote speakers, a technical programme (more than 400 presentations), an associated international oil and gas exhibition (Rio O il & G as Expo 2002), technical visits, social events, a programme for accompanying persons, and tours.

The fact that Brazil was chosen to host the congress reflects the importance of the Brazilian oil industry; its expertise in offshore deepwater technology, the size of its market, volume of its reserves and petroleum resources in its sedimentary basins, as well as the recent opening of its national oil industry to international free-market initiatives. Rio de Janeiro’s experience at the Rio O il & G as Expo, the largest exhibition in Latin America which will take place at the same time as the 17th W PC, was also considered an important factor.

More than 800 exhibitors and 35,000 visitors are expected to attend the exhibition. The 17th W PC and Rio O il & G as Expo 2002, together, will be the biggest event in the oil and gas industry ever held in Brazil.
CONFIRMED KEYNOTE SPEAKERS

Abdallah S. Jum’ah
Saudi Aramco, President and CEO
Alfonso Cortina
Repsol YPF, CEO
Alí Rodríguez Araque
OPEC, General Secretary
David O’Reilly
Chevron/Texaco, CEO
David Zylbersztajn
ANP (Brazilian National Petroleum Agency), General Director
Egil Myklebust
Norsk-Hydro, CEO
Euan Baird
Schlumberger, CEO
Henri Philippe Reichstul
Petrobras, CEO
Hiroshi Urano
International Gas Union, President
Jose Jorge de Vasconcelos Lima
Minister of Mines and Energy (Brazil)
Klaus Töpfer
UNEP, Executive Director
Richard Paterson
Pricewaterhouse Coopers, Head of Worldwide Oil and Gas Division
Rilwanu Lukman
Advisor to Nigeria President for Petroleum and Energy Affairs
Walter van de Vijver
Shell, E&P CEO

FORUMS

Block 1: “Excelling in the Exploration and Production of Oil and Gas”
• Forum 1 “Profitable Development and Production in Deep and Ultra Deep Water”
• Forum 2 “New Hydrocarbon Provinces of the 21st Century”
• Forum 3 “New Oil and Gas in Mature Provinces: Exploration and Production”
• Forum 4 “Advanced Data Gathering, Monitoring and Management - Down Hole Factory”
• Forum 5 “Managing Data, Interpretation and Knowledge in the Internet Environment”
• Forum 6 “Exploration and Production in Environmentally Sensitive Areas”
• Forum 7 “Special Poster - Impact of Visualisation Technology on Reservoir Management”

Block 2: “Excelling in Refining and Delivering Quality Petrochemicals”
• Forum 1 “Overall Optimisation of Petroleum Processing”
• Forum 2 “From Crude Processing to an Integrated Oil, Gas and Petrochemical Complex”
• Forum 3 “From High-Sulphur Crudes to Ultra Low-Sulphur Fuels”
• Forum 4 “The Future of Aromatics in Motor Fuels and its Impact on Refining and Petrochemistry”
• Forum 5 “Minimising Refinery Emissions and Waste Utilization”
• Forum 6 “Advances and Innovations in the Manufacture of Light Olefins”

Block 3: “Excelling in Delivering Clean Energy and Quality Products from Natural Gas”
• Forum 1 “Natural Gas - Clean Energy Serving Society for Half a Century”
• Forum 2 “Reliability of the Gas Chain: How to Adapt to More Distributed Fields and Diverse Clients”
• Forum 3 “Gas Supplier and Power Generator: Who Serves the Consumer Best in a Deregulated World?”
• Forum 4 “LNG Plants and Transportation: from Long Term Contracts to Market Opportunities”
• Forum 5 “Syngas, GTL, and Alternative Fuels: the Latest Developments in Technology, Products and Markets”
• Forum 6 “Worldwide Gas Production Monitoring and Storage”

Block 4: “Excellence & Responsibility in Managing the Petroleum Business with Economic, Environmental and Social Dimensions”
• Forum 1 “Different Institutional Perspectives on the Implementation of the Kyoto Protocol”
• Forum 2 “Balancing Environmental and Social Responsibility with Economic Realities”
• Forum 3 “Establishing Enhanced Credibility and Reputation in the Petroleum Industry Through Social Audits and Independent Verification”
• Forum 4 “E-Business in the Oil Industry”
• Forum 5 “Financing Mechanisms”
• Forum 6 “Decommissioning of Large Petroleum Production Installations and Site Restoration”
This September, the “WPC Excellence Awards - WPC EA” project will be launched during the Asian Regional WPC Meeting in China. The awards ceremony will be held during the 17th WPC, in Rio, for the first time. The corporate award distinguishes oil companies, institutions or any public or private organisation that promotes or operates with high standards of excellence. It consists of two categories: "Technological Development” and “Social Responsibility.”

The winners will be selected on the criteria of technological and social responsibility, such as: technological breakthroughs; cost effectiveness; commitment and involvement of management and employees; wide applicability; and reproducibility for the petroleum industry. The winners will be selected by an international committee consisting of representatives from highly qualified organisations such as: Society of Petroleum Engineers, World Energy Council, International Gas Union, World Wildlife Foundation and United Nations Environmental Organisation. The application form is available from the WPC Secretariat, National Committees or can be downloaded from the WPC web site: http:\\www.world-petroleum.org. Any project material that will facilitate the assessment task of the Selection Committee may be attached. Applications are to be sent to WO RLD PETRO LEUM CONGRESSES, 4th Floor, Suite 1, Duchess Street, London W1N 3DE, or to the local WPC National Committees.

The winners will be presented with their award during a luncheon at the 17th WPC, when they will have the opportunity to speak about the winning projects and invite the audience to visit the special WPC EA display booths.

New opportunities in Brazil have attracted private companies in the petroleum industry since the Brazilian market has opened up. This has allowed newcomers from the private sector to operate in businesses previously monopolised by Petrobras.

New concessions in Brazil were granted for exploration, development and production of oil and gas during the third licensing round - Brazil Round 3 - promoted by the Brazilian regulatory National Petroleum Agency – ANP last June. Since Round 1, the geophysical survey contractors have been encouraged to acquire seismic data on a speculative survey basis, which has tremendously increased the know-how of Brazilian offshore potential for hydrocarbon exploration.

In the natural gas market, private companies were granted the right to utilise the spare capacity of the country’s gas pipelines. In the refining sector, Petrobras is looking for partners to increase the operational capacity of its own refineries; lastly, petrochemical plants are now able to participate in the production of primary products.

In Brazil Round 3, concessions have been awarded to both Brazilian and foreign companies. There are eight foreign companies among the winning tenders who are investing in Brazil for the very first time. They are: Phillips Petroleum, Samson, El Paso, Oceane Energy, Wintershall, Maersk, Statoil and Koch. They now join the 37 other firms operating in Brazil, in addition to Petrobras.

The areas under offer are located in 12 sedimentary basins: Santos, Campos, Espírito Santo, Jequitinhonha, Camamu-Almada, Sergipe-Alagoas, Paraná, Recôncavo, Potiguar, Ceará, Barreirinhas and Pará-Maranhão.

New investment prospects in Brazil are promising. The national daily fuel consumption today is 1.8 million barrels of oil equivalent, while local production is 1.5 million barrels. The country’s pursuit of self-sufficiency in this field, allied to its growing fuel consumer market (plus its current crisis in hydropower generation) are outstanding features of the Brazilian energy market.

**REWARDING BEST PRACTICES**

**BRAZILIAN MARKET OPEN TO NEW INVESTMENTS**
BRAZIL OFFERS AN OCEAN OF OPPORTUNITIES

Confident about the liberalization of the petroleum market in the country, President of Chevron Overseas Petroleum Brasil Stephen Thurston believes that “the emerging Brazilian E&P sector is one of the brightest new opportunities for multi-national companies in the world today”.

What are Chevron’s expectations regarding the 17th WPC?
For being located in Rio de Janeiro, we anticipate that 17th WPC will be very well attended and consistent with past WPCs. We expect it will provide new technical information and up-to-date viewpoints on issues that affect the petroleum business throughout the world. WPC is an exceptional opportunity for significant networking within our industry, either among companies, or cross-country and continent. We are also looking forward to a quality showcase of opportunities in the Brazilian petroleum sector, including significant new information on Deepwater E&P. Chevron is pleased to be a significant player in the E&P sector in Brazil, and we are equally proud to be a “Gold Sponsor” of the 17th WPC.

What is Chevron’s view of the E&P and Energy Sectors in Brazil?
We believe that the emerging Brazilian E&P sector is one of the brightest new opportunities for multi-national companies in the world today. Brazil has vast hydrocarbon resources, as well as large consumer basis and expanding economy. Additionally, the country is highly motivated to increase its domestic oil & gas production, as to eliminate its needs for imports. Achieving energy “independence” will provide a huge economic boost for Brazil. We also view Brazil’s current “energy crisis”, now requiring nationwide electrical rationing, as proof that the country has grown beyond its hydroelectric capacity. This crisis spotlights the need for greater production and utilization of natural gas for thermoelectric power generation. Chevron believes that private company participation and open market regulations, among other factors typical of the energy sector, will ultimately create an open and competitive market environment. This is the most effective way of increasing the Brazilian energy capacity, while keeping the consumers’ cost in-line with supply-demand forces.

Which is Chevron’s view regarding the issue of company’s Social Responsibility?
Chevron Corporation and Chevron Overseas Petroleum Brasil Ltda. operate via a mission & value statement called “The Chevron Way”. “The Chevron Way” guides our company and its employees. The opening phrases of The Chevron Way reads: “Chevron employees are people distinguished for proud dedication to improving quality of life in communities where we work, and to developing trusted relationships with the countries in which we operate”. Chevron has an exemplary track record of significant community development in the areas where it operates, throughout the world. Some recent achievements in this regard include construction and improvement of schools and orphanages in Venezuela. Although Chevron currently has only a small office in Rio de Janeiro, we believe our exploration assets are significant enough to eventually build up a long term E&P operating company in Brazil. As we get established, we look forward to participating in community development efforts, where they are most needed and beneficial to the community.
Offering Our Guests the Best

Preparations for the 17th WPC and the Rio Oil & Gas Expo 2002 are racing ahead. Major providers of congress infrastructure and services are already contracted. Publicity is being cared for by Giovanni, FCB, the Brazilian branch of FCB, one of the largest advertising groups in the world. The consortium JZ/Hynasta, between two leading Brazilian companies in organising congresses and events, will be in charge of the Congress and exhibition. Promon IP, a subsidiary of the Promon group working in Internet solutions, is developing a user-friendly website especially for the Congress. With just a click delegates will have direct access to everything they want to know about the event. They will also be able to register for any event, download papers and documents, reserve or buy tourist packages, make hotel reservations, and with other data about Brazil at their finger tips - currency, culture etc. The first module of this website will be launched in October.

Blumar is the travel agency that will welcome delegates and their companions. It will arrange for accommodation, excursions and tours, as well as give guidance about the best in Rio and its surroundings. For further information please contact: phone: 55 21 3875 9310 e-mail: wpc2002@blumar.com.br

17th WPC at the International Exhibitions

The 17th WPC and Rio Oil & Gas Expo 2002 were widely publicised during the recent Offshore Technology Conference (OTC) in Houston, Texas, from 30th April to 3rd May this year. The Brazilian booth, covering 150 sq.m., was organised by major Brazilian oil and gas institutions, such as the Brazilian Oil and Gas Institute (IBP), National Petroleum Agency (ANP) and National Organisation of the Petroleum Industry (O NIP). The Brazilian National Bank for Economic and Social Development (BN DES) and 15 other Brazilian companies were also present.

OTC is one of the main international events in the oil and gas industry. The Brazilian delegation on that occasion fully achieved their goals, which were to show the country’s industrial potential and attract new investments.

The forthcoming international events where the 17th WPC and the Rio Oil & Gas Expo 2002 will be promoted are Offshore Europe, 4th-7th September, in Aberdeen, Scotland, and the international exhibition of SEG (Society of Exploration Geophysicists), 10th-14th September, in San Antonio, Texas.
You will not be able to watch Carnival or the New Year’s Eve celebrations during the 17th WPC in Rio in September 2002, but you will have the chance to enjoy Rio in the Spring. This is certainly one of the city’s most beautiful and attractive seasons. Rio’s wonderful beaches and tropical sun are there all year round, of course, but at this time of the year Rio’s parks, gardens and forests are at their best.

Rio’s Botanical Garden, for instance - a nature reserve covering 1,370,000 square metres, with a huge collection of Brazilian tree species. A mere ten-minute walk away is the Rodrigo de Freitas Lagoon, where “cariocas” (as Rio citizens are called) jog, stroll, or sip a cold beer at one of the numerous kiosks found there.

The most impressive landmark, however, is Tijuca Forest, the world’s largest urban forest. It is part of the Atlantic rainforest that originally stretched all along the coast from North to South Brazil. The forest was razed to the ground in the early 1800s to make way for the coffee plantations. Years later it was successfully reforested and, although very different from the original rainforest, it is still a cool refuge for the Rio inhabitants in the hot summer months.

The Amazon Basin is still one of the largest uncultivated areas and the region with some of the largest wildlife sanctuaries in the world. A trip to the Amazon means navigating vast rivers, followed by pink river dolphins, among floating giant water lilies; discovering seemingly endless forests that host more species of plants and animals than any other forest; and plunging even deeper into the fascinating Amazonian culture.

Marajó Island is worth a visit. It is the world’s largest marine-fluvial island, covering an area larger than Switzerland, and its ancient civilisation was famous for its pottery. Another worthwhile visit is the breathtaking Amazon floodplains of Mamirauá. This was the first reserve for sustainable development, which is a new concept of nature reserve that, unlike national parks, also includes the human element in its management plan. This is one of the best places in the Amazon for observing wildlife. The whole world is looking towards Amazon biodiversity. Preliminary estimates indicate that around two thirds of all tropical animal and plant species are found in tropical rainforests, which is approximately 40% of the world’s species. The Amazon is the home of around 50,000 species of plants while its fauna is even richer than the flora. The scientific community must continue its long-term research to find answers for sustained management of this rich biome and in order to preserve the biological complexity and ecological balance.
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