SAU 338.47665509538 ARA-REV 2008



ارامكو السعودية Saudi Aramco

Setting New Standards Our Legacy, Our Future

Annual Review 2008



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Setting new standards for 75 years

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King 'Abd Allah Ibn 'Abd Al-'Aziz Al Sa'ud THE CUSTODIAN OF THE TWO HOLY MOSQUES



His Royal Highness Amir Sultan Ibn 'Abd Al-'Aziz Al Sa'ud THE CROWN PRINCE, DEPUTY PRIME MINISTER, MINISTER OF DEFENSE AND AVIATION, AND INSPECTOR GENERAL

Key Figures

Board of Directors

Oil reserves and production	Recoverable crude oil and condensate reserves Crude oil production (average per day) Crude oil production (annual)	259.9 billion barrels 8.9 million barrels 3.26 billion barrels
Gas reserves and production	Gas reserves Gas production (raw gas to gas plants) (average per day) Gas production (annual)	263 trillion cubic feet 8.3 billion cubic feet 3.0 trillion cubic feet
Natural gas liquids (NGL)	NGL production (average per day) NGL production (annual)	1.0 million barrels 402.2 million barrels
New discoveries	Oil fields Gas fields	Niyashin Rabib, Arabiyah
Wells completed	Oil exploration Gas exploration Oil development Gas development	11 12 396 78
Workovers	Oil workovers Gas workovers Water workovers	113 8 55

ABBREVIATIONS USED IN THIS REVIEW:

gineering Center
ience and Technolo
um and Minerals



Seated from left:

H.E. Dr. Khaled S. Al-Sultan H.E. Dr. Abdul Rahman A. Al-Tuwaijri H.E. Dr. Ibrahim A. Al-Assaf H.E. Ali I. Al-Naimi Abdallah S. Jum'ah H.E. Dr. Mohammed I. Al-Suwaiyel

Standing from left:

Abdulaziz F. Al-Khayyal Peter L. Woicke James W. Kinnear Sir Mark Moody-Stuart Khalid A. Al-Falih Salim S. Al-Aydh

Chairman's Message



capital program to expand oil and gas production capacity,

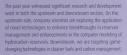
The basis of Saudi Aramco's leadership, in my view, however, Minister of Petroleum & Mineral Resources. lies not in petroleum energy, but in the energy of people. This continuum begins with the Custodian of the Two Holy Mosques, King Abdullah, and with Crown Prince Sultan,

and productive workforce the industry has ever known, will

Und Naim

Ali I. Al-Naimi Chairman of the Board of Directors.

President's Foreword



an open doorway to our next 75 years - and beyond. Our

apath

Khalid A. Al-Falih President and Chief Executive Officer,



Saudi Aramco

at 75

(iii) his choice and constraint for any impair to constraint (additional impair). It is also have a constraint for the investig integration of the implicit constraint, including the automatic constraint, of the same to call the pairs company integration.

ing Abdullah, the Constructs of the York Publy Maester

the story of Saudi Aramco begins with the vision of King Abd all-Aziz Al Saudi, who foresaw the potential of his countrys antualn resources, and with two signatures; thöse of Shakh 'Abd Allah al-Sulayman and Lloyd Hamilton, who signed concession agreement authorizing Standard Oil of California Giocal, todays Chevian) to explore for all in Saudi Arabia.

The agreement signed by the Saudi Minister of Finance and the Social contract lawyer on May 29, 1933, guided the way to the discovery of the greatest energy reserves the world has ever seen and the rapid transformation of Saudi Arabia from desert kingdom to modern nation.

In November 1933, Social created the California Araban Standard OT Co. (Casoc) to manage the concession. Later, in Jamay 1944, the company was rearranged the Araban American OT Co. (Ammo), whose partners included the Teasto Co. (Calter Tearoto), Social, Sciandifo OT of New (France), Calette Sacon) and Sociony-Vacuum OTI (Later Mobil), Between 1973 and 1980, the Saudi government acquired an economic interest in Amorto specifism to Stack Struckin Amorabiled anevennet

In 1980, essentially all of Aramco's assets were transferred to the Saudi government. From that time until 1988, Aramco poperated the assets on behalf of and for the benefit of the government. In November 1988, the Saudi Arabian Ol Company, or Saudi Aramco, was created by Royal Decree and the assets were contributed to the new company's capital.

Today, Saudi Aramco oversees the largest conventional reserves of crude oil, is the world's largest producer and exporter of crude oil, leads the world in exporting natural oas liquids (NGL) and is a major player in refining and natural gas.

The path to success has not always been easy. The first oil prospectors arrived in September 1933, but it took two years of surveying, exploration and groundwork before the first well was drilled, in April 1935, and it was three more years before Well No. 7 produced oil in commercial quantities, in March 1938.

Iot long after oil was discovered in Dhahnan, World War II kroke out, and the company, despite shortages of manpower nd material, was still able to ship 12,000 to 15,000 barrels if oil per day (bpd) by barge to a refinery in Bahrain. With he end of the war, the company expanded at a rapid pace, nd by 1949, production hit S00,000 bpd.

In the carly 1950s, the company discovered disawas the world's largest ondore oil field, and Safaniya, the largest difforc field. Alsoftut to markes in the Vestern Hernsphere became reality in 1950, when the Tomx Araban Pipeline, or Dipline, was completed. The 1,700-km pipeline, at the time the longest pipeline in the world and the largest privately initiated construction project every, connected the oil facilities in the Eastern Province to a terminal in Soliton. Lebanco.

The company's production and reserves grew steadily through the 1950s and 1960s, and with the declines in production elsewhere, combined with the steady rise in demand, the 1970s witnessed a period of tremendous growth for the company. Between 1972 and 1974, oil production climbed 70 percent to 82 million bpd.



King 'Abd al-'Aziz visits Dhahran, 1947.

n 1975, the government asked Anamoto to design, develop and operate a gas-gathering and prozensing system; the Abset cass System (McS), to fuel the country's burgeoning ndustrial network: When completed in 1982, the system ranswest about 32 billion standard cotacite text of gas perday (crdi). Today, the McS has the capacity to process more than 9 billion sydf of gas and deliver more than 7 billion sdfd in et sales gas to industrial outsomers atomather Kingborn (net sales gas to industrial outsomers atomather Kingborn).

n 1983, the year marking the Soth anniversary of the concession signing, another milestone was reached: Ali I, Al-Naimi, currently the Minister of Petroleum & Mineral Resources, was elected the first Saudi president Anamco.

The company began to evalve from a crude oil production powerhouse into an integrated international petrololum tectprise in the early 1990s, forging downstream joint and egaty ventures in the United States. Europe and A&A. Anothe ago in dhe company's global emergener was the completion in 1995 of the program to build 15 supertankers, undertaker by the company's shipping subsidiary. Vela International Marine Limited. As the 20th century ended and the 21th began, Saudi Aramor, completed a last of mega-projects in oil and gas – Shavhah Heradh, Qatil and Hawyah – with other, even larger project on the near horizon: khursaniyah, khurais and Petro Rabigh the company continued its international growth, intering ventures in china and exploring additional relining and petrochemical opportunities at home.

As the company loads ahead, its efforts will focus on several aspects: expanding investment in research and development to environmentally friendly loads, developing production capacity leveraging the Kongolom Hydrocohom constructs to add value development of the source of the source of the source of the mough downstream and associated industries, beauting growt of the private sector; and, most importantly, enhancing the development of the company shall be country framemores

Over the course of its first 75 years, Saudi Aramco has built ar unmatched record of reliability, and it remains committed to providing energy to the world and to maximizing the value o its petroleum reserves for the benefit of the Kingdom's citizens

"Saudi Aramus has a maginfiscent gast, but ny eleer days and greatest achieventents still lie ahead."

Abdallah S. Jum'ah, then Saudi Aramco President and CEO



On May 20, 2008, Saudi Aramco celebrated its 75th anniversary.



Celebrating **75** years

Saudi Aramco celebrated its 75th anniversary in a big way in 2008, with activities throughout the year in Saudi Arabia and at the offices of its affiliates around the world.

The centerpiece of the year's testivities was King Abdullah's wist to Dhahran on May 20 in remembionce of historic visits to company bachines in the fastern Province in 1939 and 1947 by his faster, King Abd al-Yatz Al Sa'ud, the Kingdom's founder. On both occasions, when King Abd al-Yatz visited the fledyling oil camp at Dhahran, among many other activities the received the organitate employees, their wives and children.

In 2008, the company brought 29 of those "1947 Kids," some now accompanied by their spouses or grown children, back to Dhahran to meet King Abdullah. On his visit, King Abdullah also presided over a ceremony launching the King Abdulari Center for Knowledge and Colture, a multi-use facility that Saudi Aramcto is building as a gift to the people of Saudi Axiab

The company's ponteering spirit and work ethic are a living part of Saudi Aramto today, and a source of inspirition as thi company builds upon its reputation for reliability in the future. The 75th annivestary was thus a time to celebrate the company's logacy and reafirm its commitment to provide the indispensable energy at home and around the world that enables much of modern life and by extension, human progress.



*roday, our employees, work sould and expert recall 75 years of dedication and hand work to build and develop sould initiates or initiately, an industry that has spread its wealth and geospericy ideographic the language, have north to south and easitio west."

— Ali I. Al-Naimi, Minister of Petroleum & Mineral Resources and Chairman of the Board o Saudi Aramco

Setting New Standards

The year 2008 witnessed extraordinary events in both the global energy and internal sectors. The performant indexing in particular faced stiff challenges on a variety of fronts, including environmenty performant consumer countries and widely fluctuating costs in manpower, materials and services. At Statik Adamos, we are staying the course with our long-term investment plans for ol and gas productions output the processes the world's energy supply capacity. Departure the uncertain climate, we continue to set new standards – for ourselves and for the industry – in the exploration to and production of ol and gas, and in technology, safety. environmental protection and human prosures.

The developments taking place in perturbation markets and in the worker global economy are important, but to a large degree, short-term in nature. As the world's population continues to rear and lifengi standards continue to improve the world's energy requirements will continue to grow apace. Terecards made both by the international Energy Agency (EA) and the U.S. Department of Energy predict that the datave of forsit lifes in the scapity of global energy will erosant in the range of 22 to 23 percent over the next two decades. Perforkant will energy needs in an important component in the mark with oil and gas together estimated to meet nearly 40 percent of global energy needs in 2020.

Today, and for many years to come, petroleum is and will be the lifeblood of modern civilization. Petroleum enables the movement of people and materials, helps grow our tood, heal the sick, manufacture goods, and make our surroundings safet, more vibrant and more comfortable. Petroleum tuels the growth and development of our economics, powers the property of our societies, and helps aise the living standards of billioms of newede

Because petroleum is such an important component in the world's energy mix, we at Saudi Aramco are keenly aware of the role we play in enabling prosperity for the world's population and for the people of Saudi Arabia. The hydrocarbon reservoirs entrusted by the Kingdom to Saudi Aramco's teawardship contain roughly a tith of the world's total answer reserves of crude oil, and we currently produce about one in every ten barrels of oil the world consumes.

We also manage the planets loarth largest reserves of natural jass, which we poddere ad process largely for domestic consumption, powering Saudi Arabia's economic development and diversification, and fueling and teeling a volde range of indistrise and utilities in addition, as an integrated petroleum company, our operations extend into the relating, sales and marketing, and stipping of all, besides the manufacturing of petrochemicals.

Saudi Azaroto is thus a force for market stability and a citical contribute to statistanel economic growth and development, green the impact of our petroleaum exports on markets in both the Sata and the West. We are the number one supplier of crude oil to major economics such as China, Japane, know and india, in addition to being a major supplier to the work's bigget crude oil comsimer and its single largest economy, the united States. We are also the work's leading exporter of natural gas length (Ag).

The task before us is significant: Our ability to provide a reliable supply of energy to the world is crucial for continued global economic growth. It's a challenge we have met in the past and will continue to do so for many years to come

to meet huture supply challenges, we have embarded on the largest capital program in our histopy Fart of our properportation is the addition of more than 4 million barrels ger day (hapf) of all production capacity and 3.3 billion standard rabit feet per day (sch) of gas processing capacity some of this caude all production capacity will be utilized to offset the natural determ of oil fields, while the rest will be employed to expand our maximum sustainable production capacity to 12 million by day vage-and 20go.

right construction market conditions adversely impacted the industry as a whole in 2008, including Saudi Aramco Sometheless, we made significant progress on a long slate of oil, gas and petrochemical projects in 2008, setting new tandards for ourselves and the industry along the way.

Setting New Standards in INNOVATION

Since 2002 was declared the "Year of Immovilion," our Web based **Idea Management System** has yielded a rich harvest. of benefits. In 2008, more than 4,900 employees submitted 11,131 ideas, bringing the total number of submissions to more than 6,300. The number of approved ideas was 1,311 and fully implemented dises amounted to 687.

Sur Intellectual Assets Management organization reviewed 300 of the ideas and prepared 43 new patent applications for iting with the United States Platent & Frademark Office. Corresponding applications were also filed in other national and egional patent offices. As a company, we were granted 22 new patents in 2008, bringing the cumulative total to 86 — a framatic increase in one year and evidence of the growing culture of innovation in the enterprise.

We held an Innovation Exhibit in June to recognize top innovators from the company and the local community. As part of the event, one of our employees, Exhibit Fanders, received at check for \$5000 in recognition of this contribution to a patented emergency isolation valve that resulted in cost avoidance of more than \$10 million in one year. The invention, known as Smart 2V, uses a smart valve positioned to improve the sale operation of emergency isolation valves through simplified poord testing and moroved deagonotics.

Among the new technologies issued patents in 2008 were ones for a real-time earth model for collaborative geosteering and another for a comprehensive reporting and control matrix for the management of our pipeline system.

For the 20th year in a row, Saudi Aramco was named the No.1 oil company in the world by Petroleum Intelligence Weekly.



Saudi Aramco fosters a culture of innovation where value is placed on the ideas generated by groups and individuals alik

Exploration



The gas discoveries were both offshore. The Rabib field is discovered in the pre-Khuff Devonian zone. The Arabiyah

aggressive and wide-ranging exploration program, with

processing environment. The Computer Center of our EXPEC

The Niyashin oil field was discovered 450 km northwest of Even more critical than the deployment of new technology to build a 13,000-square-meter Upstream Professional Development Center to promote hands-on learning in an



Setting New Standards in EXPLORATION Technology



Our Event Solution Center focuses the collective skills of multi-disciplinary teams to solve reservoir production issues. Their work has significantly reduced completion time for studies, compressed major decision cycles and reduced uncertainty.

One of the most important tools in the petroleum engineering toolbox is reservoir simulation, which is used to calculate the number of wells to be drilled to develop a field, select well locations, estimate facility requirements, calculate reservos depletion, and develop and optimize reservoir management strategies.

In 2000, The company developed its list parallel reservoir simulator, PWIRS, a mega-rell simulator capable of using millions of cell gind blocks. At the time, FORMES provided a 10-bid interestien to incorputing apacity and speed. However, since then, the growing use of 3-0 sessmic data and sophisticated modeling algorithms has resulted in high resolution reservoir models. Most of that detail is fost when the models are used for reservoir simulation because current simulators have to upscile the models, which significantly reducer simulation generations.

on November 1, 2008, the company completed is first gap-cell (hillion cell) reservoir smulation run. The achievement were made using **GapPortess**, the next generation panalle reservoir simulator to a di in the development of the simulator we deployed a new 256 CPU Symmetric Multi Processor (SMP) system and a 512 node PC cluster using quad cure processor the new GigaPOWES simulation, in portotype, has produced a fulf field model of the salamaya reservoir, covering the entire Sol year history of the field and 500 wells. Results of the tests show improved expressions curvation.

verall, in 2008 we developed a total of 90 reservoir simulation models, essentially covering all of our major oil and gas asset

The interpretation of reservoir grobopy is key to geosteering diff bits into the most productive areas of the reservoir what required is a good road may," and that what the **GeoMorph** application provides. The GeoMorph system, invented by Saudi Aramco, uses logging while-drilling data sent directly from drilling may and enables geoscientities and perfolsem engineers to update their geological model of the reservoir within minutes of penetration. The system, which earned a U.S. patent, has significantly enhanced geosteering efficiency.

EVPCA KW was granted US. Patent No. 7,843,260 for new redningues developed to better assess data from **drift crutings** and **roce samples** in order to characterize the variability of organic matter found in reservoir nock samples. In this process, a powdered rock sample is heated, releasing organic material that is analyzed to adoin data on hydrocation organity and characteristics, key indicators of reservor performance. The principal value of this process lies in applications at the well sine. By measuing distanceristics such as the presence of as and fluid mobility, real-time data can be led directly to the ecostereing Operations Center in EXPEC, helping engineers to direct hourontal wells to the optimum reservoir sections.

In an example of cross-department collaboration, two geologists and a computer and a voice-recognition technology that enables geologists to dictate their findings to the GeoVoice application, which stores it immediately on a computer. This streamlines geological characterization work, treeing geologists thands and eyes to focus on the rock samples after than having to write or type notes after completing their analysis. The application received a US patient in 2008.

Oil Operations

At souid varince, we understand that the people of the kingdom and billions of people around the globe rely on us to remain a reliable supplier of petroleum now and far into the future. This is why we develop production strategies for our oil and gas reservoirs with a 50- to 100-year time binnore, nather than just a decade or thus, because we know that with slow depletion, these extensive reserves will still be part of our production particular more than a half-century from now. This logiterian approach to our reserve base is also important because it will allow yet-to-be-developed production technologies to be applied to a greater proprior of the oil in place, and thus help to maximize ultimate recovery, meaning more oil for future generations.

Against aven-hing backdop of violatile all prices, we adhered to our long-ringer visions, steafolty preparing for a future of rising demand for petroleem, at home and abroad. We believe a holdist, incledependent approved will be necessary to meet future energy demand, with a combantion of initiatives to improve conservation and energy efficiency and contributions from alternative energy sources in order to safety growth. Such collaborative forter need to be undertaken against a backdop of healthy oil prices, which improve the economics of previoully mangal lapsis, technical concepts and geological province, beides encouraging mee efficient use of a tractions ereavy valuels.

The company is responsible for managing the Kingdom's of reserves, which in 2008 stood a nearly 226 billion barries, the largest conventional reserves on the planet. For the year, daily oil production averaged 3.9 million bpd, with our permium grades (Atabien Super Light, Exta Light and Light) company 7.55 percent of total production. Water injection to maintain reservoir pressure averaged 13.7 million bpd. We replaced our yearly production of curde oil through exploration, development and delineation dilling with additors form geological and engineering studies.

We continued our strategy to optimize water management in all producing areas, particularly the Ghawar field, for efficient pressure maintenance and sweep conformance.



Using horizontal sidetrack and infill horizontal wells, advanced completion technologies and other techniques, we have been able to exploit the "bottom-up" sweep mechanism of the Ghawar field. In the period from 2000 to 2008, we lowered the average water cut from 36 percent to 27 percent.

We continue to set new standards in the industry in the combined application of 3-0 sessing ab horizontal entiting to maximize recovery. In our offshore 2 adul, Stalmy and Magnin fields, we could a 3-0 sensitive this horizontal entiting to extract oil from the thin that stranger sands. Using 3-0 sessing, company geophysicis were able to decen individual sand bedies samila is 11 meets thick. The sessing uniquidual sand bedies samila as 11 meets thick. The sessing of bearing sandbedies.

We made significant progress during the year on a number of oil production capacity increments, any one of which would be considered a major project on its own.

Our Khorais development, the largest integrated of project in company history — and the largest in the history of the industry — is on track for completion of the producing facility in summer 2009. The development will add 1.2.2 million bpd of Arabian Ugit crude all production capacity and also dehydrate 320 million sctd of gas and produce 80,000 bpd of NGL.

In 2008, the project component to expand Southern Area seawater injection capacity by 4.5 million bpd to support increased production from the Khurais and Ghawar fields was completed, marked by the inauguration of the water njection plant of the central oil processing facility in Novembe

The Khursaniyah program includes facilities to process and stabilize 500,000 bpd of Arabian Light crude of blend from the Abu facility, Fachili and shursaniyah fields and a gassroot gas plant to process 1 billion scf of associated gas. The facility also tas the capacity to inpert. 1 million bpd in non-potable water for reservoir pressure maintenance. The utility areas in operation, and the list oil train started test production in ways 2008.



ur 500,000-bpd Khursaniyah crude oil increment started test production in 2008. As part of our Manifa project, we built a causeway and drilling islands in the Gulf.

production capacity at Shaybah from 500,000 bpd to 750,000

The Nuayyim crude oil increment is the first major GOSP I-Field, or Intelligent Field, approach to streamline reservoir

The program to develop the Manifa field is a complex.

designed to maintain production capacity levels in currently

support from our Marine organization during 2008. As part

Ras Tanura's offshore Sea Island Terminal is a complex of

Vela International Marine Limited, Saudi Aramco's wholly. The company's oncoing Onshore Maintain Potential Program, Crude Carners (VLCCs), one Aframax class vessel and four

Setting New Standards in OIL PRODUCTION Technology

444

A new method to predict hydrocarbon potential is advanced mud logging, which uses geochemical techniques for the

We successfully completed the first casing while drilling project in Saudi Arabia in 2008. The benefits of this approach ***

among other problems. In 2008, we installed our first nonmetallic piping in two sour crude oil pipelines that connect 'Ain





Right: More than half of our crude oil exports in 2008 were destined for the Far Ea

customers primarily in the United States and Europe. The domestic fleet carried more than 600,000 bpd of crude oil and refined products between domestic ports within the Kingdom. Vela continued to transport dry cargo in 2008, completing eight wayages and maving nearly 280,000 metrir tons of sulfur.

The program to replace single-hull ships with double-hull models made significant progress in 2008 as Vela took delivery of the double-hulled VLCS, leaving one ship yet to be delivered from the current construction program. The new ships are the AA-dwarfs sins, Sins, Sins Surg Verg Size, Anhenon San and Janah San-Late in the year, the Sintos Sara and its crew were search by Somali prates. The situation was resolved in early 2000 with the rew and the ship released unharmed.

During the year, six cadeds and 12 apprentices graduated from ongoing training programs and joined vela as officers and ratings, or non-officer ranks, respectively. The first two Saudis to capitain vela VLCS were appointed in 2008, and the company, as a whole, reached a seagoing Saudization rate of 16 percent by year's end.

Velo profet with the WMO (International Maritime Organization) and the tintel Noticins Development Program as a founding member of the "Global Industry Alliance," a group dedicated to developing solutions for bin-security and hallast water management technologies — such as Vela's patented AUBARIOW system — to protect manie environments and absent the manie industry's environmental footnom

Early yeav, Vela, along with a number of Saudi Aramco organizations and artifiates and dimensitica di international government agencies, participates in security and disaster diffic to ensure the programmers of the concerning parties. In 2008, diffi were conducted in U.S. waters in March, in Portugal in May and in "ambru in june. Vela also conducted meme han 4/0 notification diffi in U.S. waters to test emergency call-out procedures. Also in june, Vela worn the jones F. Devin Award, sissed by the Chamber of Shipping of America, in recognition of 16 Velas ships operating a total of a vesel years within locit-time linguines. In recent years, Saudi Aramco has been increasing its refining capacity, through grassroots projects, expansion programs, and joint and equity ventures at home and overseas. This buildup is designed to fulfill three major objectives.

First, this new capacity is part of our indipetern strategy to more further downteam into higher walk and job-rich, sectors. Second, additional domestic reliming capacity will help, to provide fusika and feedbacks for energy-intensive industries, thereby promoting local economic development and diversification, and helping to meet growing global demand of mirrends, commonly and specially demands, and consume goods. In addition, these associated industries have high potential for the recoin of plabs and investment opportunities.

inally, expanded and new domestic refinences will also be able to take advantage of export opportunities for refined products and chemicals in major markets, especially in Asia, given our location between East and West.

Currently, Saudi Aramor's four domestic refineries, at Riyadh, Ras Tanura, Yahu' and Jiddah, have a combined capachy of nearly ' million bpd. Adding the company's too domestic jont-ventue refineries, with EconotAdbil in Yahu' (SAMBEP) and Shell in Jubali (SASER); and the company's share of the Rabigh Refinery, Lanstered in 2008 from Saudi Aramo to the Petro Rabigh joint venture, brings in-Kingdom refining capacity to 1.9 million bpd.

In July 2008, our Netherlands-based subsidiary, Aramco Overseas Company B.V. (AOC), completed the sale of its 40 percent shareholding in **Petcon Corporation**, a refining and marketing company in the Philippines. The sale ends a longstanding and mutually rewarding pathership with the Philippines National Oil Company and public investors.

In 2008, a variety of refining projects and plans in the Kingdom and abroad set new standards in the region and the industry.

In the United States, work continued on the project to expand Motiva's Port Arthur, Texas, refinery from 325,000 bpd to 600,000 bpd. Motiva Enterprises LLC, a joint venture between



our Houston-based affiliate Saudi Refining Inc. and Shell, is scheduled to bring the new refinery units on-stream in 2010. The relinery expansion, when complete, will make Port Arthur the largest refinery in the United States and will process heavy sour crude oil and produce gasoline and diesel fuel for the US: market.

China is one of Saudi Aramcios most important markets and our Fujian Integrated Project is a key component of our bianness in Asia. The project includes a manufacturing and and a marketing venture and came into bring in 2007 when a company stubiolity, Saudi Aramce Sino 60, 101, (ASC), signed agreements forming two joint ventures with ExconMobil, ismopec Cop, and the Fujian provincial agreement in the Fujian Province (To Fusia.

The two integrated joint ventures are the Fujian Refining and Petrochemical Company Ltd. (FREP), a refining and petrochemicals venture, and Sinopec SenMei (Fujian) Petroleum Co. Ltd. (SSPC), a marketing venture.

n. 2008, so part of the FREP venture, work to expand the essentian quian enforce yeas well advanced with completion inicipated in mid-2009. The SSEP venture completed its isst full year of operations in 2008, and recorded 4.3 million on in total sales volume, equivalent to 110,000 bpd. SSF0 as undertaken a rebranding program for its reliai stations hard encompasses a full redurbishment of each outlet and includes the Saudi Aramco lago as part of its new brand. At 5 Spetember 2008, a total of 129 stations had been exhanded, and another 150 stations are scheduled for exhanden in 2004.

FREP is the first fully integrated relining and petitochemical popet with foreign participation in Chara. The voltrue, locate in guarnous, Fujian Province, includes the expansion of the exasting sweet caude oil reliniery from 80,000 byd 10 24,000 pdf and a facility upgrade to process and cock sour Arabian crude oils, in addition, this project includes a naphtha steam cracker with an ethylene prodoction capacity of 800,000 metric itoms per yeap, polyethylene and polypopylene units, and an aromatic comfex designed polypopylene units, Said Arama will supply much of FRP's cude oil feedstock. FRP sells all oil to production of gasoline, disest and illiuminating kerosene — products regulated by the Chinese government. — to SSP, but is free for anatex its own production of unregulated products such as LPG, paravylene, berezene and saltur. In 2006, FRP' signed an agreement with a subidary of Said Araba Base Understree. Cs. (ABUC to handle the marketing of SASC polydelins produced by FRPL The mutual cooperation agreement was inked with SABIC Shenzhen Trading Co. LLd. and covers 25 percent of FRPs onlydeline notati.

SSPC sells wholesale and retail motor gasoline, diesel and illuminating kerosene to customers in Fujian Province and the eastern part of the adjacent Guangdong Province through roughly 740 retail sites and 14 distribution terminals, sever of which are owned by the joint venture.

In the Republic of Korea, AOE is an equity partner in 5 oil Corp., which marked 1 million man-hours of zero accidents in methy March. This is the 31th time 5 oil has achieved this milestone. In mid-March, a signing ceremony was held for the formation of the 5-010 fost (ubtricing faint venture. The 50.50 joint venture will utilize 5-015 lubricants plant, with plans to boost the production volume from 1,100 bpd to 2,500 bpd in 2009.

Demostically, we have commenced preliminary engineering for a new carde oil reliming facility within our existing RAS Tauux Refineyr. The new facility is planned to process a mix of Anbain Newsy and Anbain Medlum nucle oils and will add 40.000 bpd of reliming capacity, increasing total reliming capacity of the Sax hauna facility of 5000 bpd. The project will increase the sarphy of refined products (gashine, direct, fuel oil and signific) to the domestic market and provide 20000 bpd of leedstucks to the proposed RAs Tauux Integrated Reliming & Fetschemical (RTP) complex, to be constructed nearby. The expansion project induces a 40000 bpd order and vacuum distillation unit, two 70.000 bpd direct Hydrotrenstru junits 2130.000 bpd hydralba hydrotrenstru unit a 310.000 bpd pd shaltha hydrotrenstru mixes and a super super super substances a tank form.



The On-San retinery of S-Oil Corp., an equity venture of a Saudi Aramco subsidiary, helps satisfy the Republic of Korea need for refined products.

Ivo export refinery pojects are also in the works in May 2008, the Boards of Directors of Stauk Annon and Total gave final approval to the planned development of a 400,000 bed workd -dass, full conversion export refinery in Iglical. The refinery will process Adabian Heavy code of its produce high-galapt verticed products that will meet the most stringent glical product specifications. As a full conversion reflerency, the idd effects and the stringent glical product specific and plan fuels. In adaption, the project will produce 70,000 metric tons per veser (try) of parawylene, 140,000 py of berrare and 2000 for y of solveme cale strandense.

On June 22, Saudi Aramoo and Total signed the Shareholders: Agreement and other core agreements for the establishment of the Saudi Aramoo Total Refining and Petrochemical Company (SAIGRP) joint venture. Despite the global economic downlum experienced in late 2006, Saudi Aramoo and Total remain committed to the project.

In also becomes, skulash avaided the main contract for executing the temporary construction facilities complex required for supporting the construction phase, the contract, availed to a dimensitie construction company, covers the development of a site 6 square lim in size to accommodate development of a site 6 square lim in size to accommodate 30,000 vorkers and support facilities. To capture market apportunities in engenering, procurement and construction, Sauki Annica and Total agreed to extend the bid closing date for other marging contracts.

Currently, Saud Aramo owns 62.5 percent of the company and loal owns the remaining 37.2 percent. Subject to required regulatory approvals, Saudi Aramoa is planning to offer 25 percent of the company to the Saudi Duble, while the two founding shareholders each itend to retain a 37.5 percent ownership interest. Saudi Aramoa and Iotal will share the makeling of the refinery sonduction.

The second export refinery project involves a proposed joint venture with ConocoPhillips to build a 400,000 bpd fullconversion refinery on the Red Sea at Yanbu'. In May 2008, Saudi Aramco and ConocoPhillips approved incremental mones to be used to furth activities through to the rinal investment descision in the first quarter of 2010 and subsequent joint venture project company formation, which is corrently freezen to occur in Akay 2010. The oniginal formation date of the project company was deferred as a result of the current workfowle financial stuation. The engineering, procurement and construction contracts, will be reliad to take and the reliads are planned to be sused in the second patient of the current descinged.

Like the jubal relinery, the ranky facility will process Aubian Heavy rache all to produce ultra low-suffic deset, gasoline and benzene. Currently, Saudi Aranco holds a 50 percent insteast in the venture and concordhillips holds the remaining 50 percent. Subject to required regulativity approvals, the paties plan to affer up to 25 percent ownership of the project company to the Saudi public while the founding shareholdes will each testing 375 percent ownership on interest.

Much of this new capacity will process heavy, sour crudes, which will help address the mismatch between available crude oil supplies and refinery configurations that complicates today's market situation.

Setting New Standards in DOWNSTREAM RESEARCH & TECHNOLOGY

Research, technology development and deployment in surface upsitem and downstream operations are undertaken by the **Research & Development Center** in addition, the Center is reporsible for these issues on the coprate strategic level. The Center has adopted a portfolio approach in devising research programs, targeting near, medium- and long-tem market needs. The first priority is the desulturation of crude oil. In the medium-term, the company is investigating dea fuels. The management of carbon releases the third research locus. On the behalt of fingmenting Services, the Center administers the Technology Program for the testing and deployment of cutting-edge technologies that enhance operations reliability efficiency and safety.

The objective of the whole could onli desulfarization research project is to develop low-cost technologies to desulfarize rande al and provide a new vecelenal depide of crucke oil to the market. Six develop/larization testimate approaches are being pussed, namely, hydratesting of whole crucke oil reaction in supermitted conditions with water, separations, beindesulturation, unitation of unit (leaples, and moreover autidation. Each approach will be compared to the capital and regenting; costs of the available technologies. Dur goal is to demonstrate at least one technology route that can reduce endine content to 8% approaches the second second

Long-term tests in whole crude oil desulfurization began in early 2008. Three pilot plants, operating on Anblan Heavy an Arabien Light crude oils, accumulated several housand hours of operation to study process development. The objective was to establish a basis for the design of a new process while calibrating the company's units with performance levels obtained from outpourced results. In-house testing showed our resulta en an injignment with outcourced testing

The company is enlisting the aid of an unusual ally in its efforts to improve hydrocarbon processing and quality bacteria. In **bio-desulfuritation**, the overall objective is to develop a biocatabit capable of removing suitar from crude of at low temporature and presences. Suit received to boosting the bacterial activity timography genetic manipalities and optimum design of the biorector. Potential application areas of bio-desulfurization are during oil production at the unalitation encodes.

We have deployed bacters operationally as part of a **Nitate Treatment** in the Hawdah oil lield. Some kinds of bacteria are destimented to curde oil, for example, by noreasing the amount of sufficient ion all and vater. To comtain this problem, buildes have been used to kill off the bacteria in oil, but the biocides are toxic and also consiste. In a pioneeting more company scientists used destable bacteria and nitrates to control colonies of undersidable bacteria in the Hawdah oil field thereby controlling a suffice problem in an environmentally findely fashion.

New ways of burning fuels inside internal combustion engines are under investigation by many of the world's reading ar manufacturers. Such technology offers the promise of greater efficiency and reduced emissions.

through our understanding of the way petroleum heads burn inside engines and by developing new techniques to engineer future lucks, our reformer new formwaldiam project anise to go an a position of patientship with the automotive industry to help bring new combustion technologies to the market. The company's approach involves the developing the lomalations for use in demonstration vehicles to engage potential patriens from the automotive industry developing the fundamental scence needed to support the formaliant of heads derived from crude oil. These activities represent significant investment in both in-house copability development and the establishment of external research patrices/bas, and both are expected to govo significantly verifies the next five years.

The RBD Center is also engaged in recent hardwise to investigate and develop industrial processes and applications for better carbon management, including relation gated ensistors. In addition, the Center supports pair linkality programs is funge and the united States. The following are areas that Staudi Aranco seeks to further explore, alone or through collaboration.



Company scientists in our Research & Development Center investigate such topics as the desulfurization of crude oil and carbon management. The RSD Center is also involved in testing technologies that enhance operational reliability, efficiency and safety.

- Managing carbon release from refineries in a responsible and value-enhancing manner
- Reducing the carbon footprint of oil-fueled transportation and promoting and investigating on-board vehicle carbon capture.
- Capturing industrial carbon dioxide in processes suited to the petroleum industry, integrating that with subsurface geological storage or enhanced oil recovery.
- Undertaking basic research into carbon chemistry and conversion into benign usable materials, chemicals and products and new industrial applications that prohibit carbon dioxide release.

- ***

Tagging the lower (hower) third of a barrel of old, saud Aramo, in cooperation with KERW, Nippon toll and Jppan Cooperation Centre, Peterlanm (VCC), Nia develaped a propriate high severity Midd catalytic catalytic and propriate for on pupper manifecture of propries and passion, with ethylene derivative byprodects 16.4 CC is an emerging proces. The the convestion of theory of bin to biptic hydrocation products and girld etiles. The 15.4 CC resets have been successful demonstrated in a 70-bipti pile plant at our Ris Tawas Refinery and in a 500-bipti call-file van model at Nippon Ots enlowy in Norbhame, Pile Palar results chowed an increase in the world el I chipti often and endered dav as and race for stratus in Norbhame, Pile Palar results chowed an increase in the world el I chipti often and endered dav as and race for stratus in Norbhame. Pile Palar results chowed an increase in the world el I chipti often and endered dav as and race for stratus in Norbhame. Pile Palar results chowed an increase in the world el I chipti often and reduced the variase in the varias the Norbhame. Pile Palar Results chowed an increase in the world el I chipti often and endered dava as the chipti chipti and the chiptien and the pile plant at the chiption of the chiptien and the pile plant is the chiption of the chip

Plans are to continue to develop refinery and chemical industry integration prospects founded on this H5-FCC process technology by incorporating new pre- and post-process technology options to further enhance progylene and gasoline product yields or manufacture new derivatives from feedbtocks. South Aramco was awarded the best invention prize b the international Federation of Inventions Association for inventions: related to the FS-FCC technology.

company seems in the loss Letter have samed an excellent reputation for developing the company's intelectual capital and are responded for nearly of bjerent of the company's active and profing patients, including patients of an accelerated degradation relation method and appartics, liquid hydrocaban-based teels for fuel-cell on-basid reformers, and an absorption flag for the detection of subscience-time agents and patients active being another patients we being another of an ender for new fuel formulations and associated refinery processes.

Saudi Atemica was evented the National OII Companies (NOC) Environmental Stewardship Award for its groundsreaking research no **Election Beam Tube Gas Treatment** (ESIGT) technology For the first time, ESIGT has been successfully demonstrated to remove an ipelitatism from file gases generated by route and fuel oil fitted a blocks for the generation of steam and electricity. Our Environmental Potention organization, in callaboration with other in-kingdom and out-ofkingdom institutions, conducted the research.

me land analy less conducted as part of the (researds smullaneously removed more than 90 percent of sulfur oxides (Xoo) and more than 30 percent of introgen acodes (Noo) from the gas generated by burning Analan Hardwary and Anaban Medium crude call supplied by Saud Ananco and heavy fuel oil. (Bifof is currently the only technology that can remove 50x and Nox simultaneously.

Setting New Standards in REFINING OPERATIONS

In addition to research in refining and combustion, Saudi Aramko improved a number of reining processes and products in 2008, part of our ongoing efforts to improve operational efficiency and better serve our customers.

Value relences completed the implementation of web-based **Uninterrupted Power Supply (UPS) seconds Monticing Exchanology in september**, the list company plant to do so. The technology realises the monitoring of all electrical measurements over the company's intranet in real time from the client's desktop, it also enhances reliability by providing allest sangle for admontal operating conditions for querk troubleholding.

In May 2008, Ras Tanuca Refinery started blending hydrocacker heavy naphtha into the gasoline pool increasing gusoline production by an average of 12,000 bpd swing asphalt production capacity was increased by 20 percent, from 20,000 bpd to 24,000 bpd.

At the Jiddah Refinery, adjustments were made while processing Arabian Heavy route oil to **optimize dised production** Also, to help meet domestic demand, 19:000 bpd of Arabian Heavy roude oil was processed to make available an additional 5,000 bpd of paying asphale, telminating planned impacts with a cast avaidance of nearly \$2 million.



the company's downstream research projects include studying the performance of industrial materials under simulated production condition Here, company researchers monitor the progress of a corrosion simulation experiment utilizing a unique corrosion flow loop apparalus.

Gas Operations

Kingdom's gas reserves, the fourth largest in the world, which the four ventures, select service companies and expert stood at 263 trillion cubic feet at year-end. In 2008, daily gas

and processing system built in the mid-1970s, has been the In the first quarter of 2008, Total exercised its right under the or market nearly all the gas associated with oil production and all non-associated gas produced from deep gas reservoirs.

NGL) that are not used by the domestic petrochemicals

The Kingdom's demand for sales gas is expected to continue industrial bases expand. Gas is used to generate electricity, as fuel gas and feedstocks for the petrochemical industry, for desalination and to support oil and gas operations.

At Saudi Aramco, we are currently managing several major multi-billion dollar projects to boost natural gas processing capacity. When complete, these projects will increase our processing capacity for associated and non-associated gas from 9.3 billion scfd to 12.5 billion scfd.

The drilling activities of our four Upstream Gas Joint Ventures - South Rub' Al Khali Company (SRAK), Luksar Energy Limited (Luksar), Sino Saudi Gas Limited (SSG) and EniRepSa Gas Limited (EniRepSa) - reached a peak in 2008 with eight active drilling rigs during the year completing nine exploratory wells. To date, the four ventures have competed 18 out of the 27 exploration wells required in the first exploration period. At year-end, four of the remaining nine wells were

A core-based tight-gas reservoir study was initiated with production (raw gas to gas plants) averaged 8.3 billion scfd. the best approach to exploit the tight gas discovered to date

Shell by acquiring a portion of Total's shares in SPAK

The Hawiyah NGL Recovery Plant started up in the second half of 2008. The associated pipelines were completed in November 2007 and are ready to deliver the ethane plus NGL (C2+NGL) products to end users. The plant has the capacity to process nearly 4 billion scfd of sales gas to yield

The transport capacity of the existing East-West NGL Pipeline is being increased from 425,000 bpd to 555,000 bpd to

The Khursaniyah Gas Plant, with a processing capacity of 1 billion scfd of associated gas, is scheduled for completion in mid-2009. The plant will have the capacity to produce 560 million scfd of sales gas and 280,000 bpd of ethane

The Hawiyah Gas Plant expansion to process an additional 800 million scfd of non-associated gas is forecast for completion in the first half of 2009, raising the plant's capacity

The expansion of the Ju'aymah Gas Plant to fractionate additional NGL products will be in service in the first half of 2009. The project will add 260,000 bpd of ethane plus NGL capacity and 260,000 bpd of propane plus NGL (C3+NGL) capacity for a total of 815,000 bpd and 715,000 bpd,

Expansion of the Yanbu' Gas Plant will increase its existing NGL fractionation capacity from 370,000 bpd to 555,000



feedstock, specifically at the Yanbu' and Rabigh petrochemical gas production is slated for early 2012.

The Karan gas field was discovered in 2006 east of Jubail

Saudi Aramco's Master Gas System (MGS) has the capacity with completion anticipated in 2010. This project will expand

Setting New Standards in GAS OPERATIONS Technology

Two years ago, we piloted electromagnetic aquatic transducer (EMAT) technology, and in 2008, we became the first



Gas plants such as this one at Haradh are integral to the Kingdom's Master Gas System which processes over 9 billion school ga

Petrochemical Projects & Projections

Prefage even mole significant than our plotitolio of obmestic and interactional effektive projects to original that in integrated reflexives with petrochemical facilities, creating an economic multiplier effect. Nucle of our liquids production can three farther down the value cluain rather than being exported as crude oil, refined products on ratural gas liquids. Leveraging the control's hydrochom assets in the solution will revel emoopportunities for inductive and associated businesses to controllut to the economic development and development on the leveration of the forgund

Petro Rabigh, our joint venture with sumitaria Chemical Co of Japan Surcessfully executed as initial public effering of 25 percent of the company's capital in January 2008 and usated 4 a dillicen rights (51:22 billion) for the company's operations. Journel the subscription porcess, wer 5 million retail investors combuted more than 16.5 billion rights (54.4 billion). Installing to the offense bage through the PRO, providing ample opportunity for public participation. The listing of Petro Rabigh on the Saudit Askir. Natice Ladawul, marks a first for a Saudi Asaroo venture to be listed on the Endoports study execution. Progress was made on the implementation of the Rabig-Conversion Industrial Park (ROR), which will provide business opportunities for industries to convert naw materials from the plant into manufactured goods, in 2008, work on the contracts for engineering, procurement and construction for the industrial park utilities and support facilities was nearly complete.

The Ras Tanua Integrated Project (RIP) is a proposed joint venture with the Doro Chemical Co. to niegota a world scale chemicals and plastics production complex with our Ros Tanua Refinely. Scopping of the project was completed in 2008. In addition to the chemicals and plastics production units, the proposed complex will include power and utilities facilities to support the project and an associated value period facilities to support the project and an associated value period facilities to support units the project and an associated value period industries to utilitie products produced at RIP. Downland and public investors, with a portion of the equity to be offered to the Savid public through a proposed (PI).



Setting New Standards in CUSTOMER RELATIONS



At Sould Ramo, we undextand that our exploration and production expertise is of little worth in we do not meet the needs of our customes at home, overseas and within the enterprise. Over the ourse of the last seven decades, we have ulti an unmatched record of reliability. To add to our legacy of customer focus, we continually seek new ways and opportunities to strengthen our business relationships.

In Sauk Aaaba in 2008, we completed the expansion of our **Distribution Operations Curtomer Care Certeic**, added agents and extended working hums to 2 A choose a day to better serve our customes. The certein's fully attained and provides real-time data from bulk plants. We also held six meetings with product customers and there meetings with product haules from around the country to province safety and environmental protection and to address quality control inscus. In addition we conducted out in 18 **Islauder and Customer Safety Aureness: Campaign** at 19 locations in the kingdom and more than 3,000 hauler and customer drivers participated. A number of capital projects involving new or expanded product pipelines and balk plants were accelerated to meet expected demand.

ternationally, our network of affiliates, subclaines and joint and equity ventures sphold our commitments to incomment In begin meet the work demand for periodem energy. The World **Energy Cites** Energy here the interformation of an annual method in agrin station shows beard members are the mayors of 1s internationally recognized energy cites from Sauk Anaba, the timed Softes, parada, the timet deformation, charak anaba, facuatinal Gaunes, Aligenia, Timodel 6 radiang, Norway, Neccos and Australia, the groups held is annual meeting in Aday in Houston, housde by our affiliate Aranco Services Company (ASC), and discussed awa of immorrang coveration and increasing tode.

In Europe, our condon-based atilitates, Saudi Perriceum Overseas (LG (2010), participated in international Percloaum Week the most important annual gathering in the European oil nichatry Guring the conderence. Neid in take Febraiurs, SPOL atil met with route ent, LPG and refined products costomers from Europe, Africa and South America. SPOL deo hosted His annua costomer reception for oughly 5:00 guests, including regressentatives from energy institute and their hands. The reception also marked Saudi Aramco's 7:5th anniversary and celebrated the company's six decades of atfiliated company preserve in forupoe

In the **Fat Est**, product ailes and marketing staff from Saud Aramic and our Saud Petroleum 101 (SPI) toxyo oftene gave a point presentation the 11th Saud-pane IDS seminari in Tokyo. The seminar, their hate Fatheraux, was attended by some 500 LPG experts from approximately 15 countries. Representatives from SPI: Rokyo also attended the annual international Seminar hosted by Japan Cooperation Center, Petroleum (CCCP) in Tokyo and the World IFG Associations 2008 Forum, heid in secul, Republic of Korea. In November, the company participated in the "Energy in the 21th Century" symposium in Japan. Also in November, in Japan and Korea, atfiliate offices hosted celebrations for regional customers to mark the company's To² an aniversati.

Business Processes & Support Services Technology



In 2008, we continued efforts to optimize business processes,

We are working to streamline procurement activities by

accordingly. During 2008, 66 additional competency maps were tailored for critical positions, and by year-end, 104 discipline-based competency maps were defined and assigned Nearly as important as advances in upstream and downstream

across the company. The initiative is called ShareK, or Share

We initiated a corporate engineering drawing and data web system known as iPlant, which provides fast and easy access

corporate network and the SWIFT networks at the offices

This has enhanced our timeliness and efficiency in processing

employing the evaluated receipts settlement system for invoicing.



communication and utilities among others.

Westland AW-139 helicopters, which will serve our onshore fleet of smaller AW-109s added in 2005. A total of 25 pilots

Small Aperture Terminal (VSAT) satellite system that

equipment deployed by support services such as aviation. The new VSAT system is crucial for the success of our Real-Time Operations Center (RTOC) in Dhahran where

We introduced the Terrestrial Trunked Radio (TETRA) system In March, we completed a project to implement a new Very in 2008 to provide secure and reliable radio coverage for provides high-speed voice, video and data communications covering the East-West, Hawtah, Riyadh-Khurais and Rabigh to drilling rigs, seismic exploration teams and marine vessels pipeline corridors. TETRA enhances the availability of various gateways were installed at Tanalib and Haradh communication company's radio communications network. The system offers The support of our advanced drilling and seismic technologies device, and can interface with existing radio infrastructures such as GSM, SMS, command and control systems, automatic

Human Resources

The overall excellence of our Training and Career

Development organization was confirmed by the renewal

2.400 trainers and support staff in developing, coordinating

The development of the company's leadership is a serious undertaking at Saudi Aramco. We run a series of leadership development programs that, in 2008, assisted more than 10,350 employees in improving targeted leadership competencies,

Our Management Development organization sent a delegation of 17 promising employees to the Far East as part of our Asian Business and Culture Program, designed environments and cultural practices to better prepare them. and the company, for new business development in the region. In conjunction with Management Development, our Finance organization provided four sessions of the nine-day Business Acumen Program to managers and high potential guest speakers.

We promote self-development in a variety of ways and

is made possible in part by the year-long College Preparatory Program (CPP) that assists Saudi students in gaining admission and 81 females) successfully completed this program.

Our College Degree Program for Non-Employees (CDPNE) degree programs in-Kingdom and abroad. For 2008, inin North America, 334 in the United Kingdom, 64 in Australia, two in the Middle East and 28 in the Far East, for an overall total of 1,298. These assignments not only strengthen our international business relations, they also serve to improve

In July 2008, the second group of female Saudi CDPNE students completed the College Preparatory Program, which, in this case, also included an extensive co-curricular program of sports and physical fitness, club activities, site visits and

This female class of 2008 joined the first group of women sent to out-of-Kingdom universities in 2007, with majors means, including e-tearning, libraries and learning centers, ranging from geology and geophysics to accounting and



The Road to Success program run by Aramco Services Co., our U.S.-based affiliate, helps company-s

human resource management. These students are setting and personal health and wellness. All participants must pass

The company's Apprenticeship Program offers eligible Saudi

Saudi Aramco Training Partnership program is to forge the company's Vocational College Graduates Non-Employee Program (VCGNEP).

The creation of a culture of safety throughout the company

to broaden expertise in supply chain management. Our

recruitment campaigns at major universities in the Kingdom

a sustained effort on the part of our Expatriate Employment

organization where basic and specialized maritime training courses are provided for company employees and the Saudi



Right: Forums to discuss safety issues are common events throughout the company

contractor workforce. We are working with the Ministry of transport to attain recognision by the international Maximum Organization (MO). With recognision from the Ministry, we can since endorsements for Subardiech for training, Certification and Watchkneiping (STCW) qualifications for seafarers. We are also introducing upgrade courses for maming the file cancular is under terever by the Ministry of Transporand upon approval, our Marine Tonining Certification and Watch the STCW courses leading to the issue of officer to provide the STCW courses leading to the issue of officer certification for thore magine and deck informations.

English is the language of the international petroleum industry, and the company exerts continuous efforts to improve the proteinency of its employees for whom English is a second language. The English program offered by the company's Industrial Training Centers was revised in 2008 with updated content and new learning technologies.

Computer education is also a key element of our training activities. In 2008, we conducted 42 courses with 495 sessions, with a total enrollment of more than 4,100. We also offered courses in enterprise resource planning applications, and more than 5,000 end-users attended 536 classroom sessions.

In addition to traditional training formaty, we also place employees in internships and scind others for specialized training. We began an internship program in refining an 2004, and since then, 18 engineers have completed developmental assignments. In 2004, we placed eight engineers on internships with business partners Chevron, Molvos, 5:04, Exonolikobil and Itaal, and with other vendous and equipment supplies.

We created a specialist development program in our Finance organization, and 11 young professionalist were selected for the first group. Professionally certified employees in Finance increased from 12 percent in 2005 to 23 percent in 2008, and from Teszay remployees completed their certification requirements mandated by the CFA (Chattered Financial Analysis) Institute, a process in which only one in five candidates succeeds.

Local Economic Development

In the domesic ateria, saudi valence is a key source of reserve for the state and by extension, soudi society. We are also an important driver of industrial growth, economic development and driversitication, and job creation. Since of our impact comes from the petroleum products and natural gas supplies we deliver throughout the Kingdom, while sector, and from the wages we do with the local private sector, and from the wages we pay and the training we provide to our people. We are also committed to sharing knowledge and expertise with other institutions in both the public and private sectors.

In 2008, as in years past, we made significant contributions to the **development of the domestic economy** by procuring goods and services through local contractors and vendors.

We executed 2,194 contracts and amendments valued at \$19.25 billion in 2008, with 74 percent of the total value of contracts and amendments awarded to local contractors. Our year-end estimate for our worldwide purchasing level of activity was \$5.2 billion, with local participation accounting for 94 percent, or \$4.8 billion of the total.

We continued to support the development of the local economy by awarding the majority of our contracts to fully Saudiowned or joint venture companies. Eight hundred contractors were registered with Saudi Aramco in 2008, most of which were domestic contractors or Saudi-owned subsidiaries.

Dur Material Supply organization monitored contractors Programent Level of Activities (RCM) by commolity to enhance local content by pursuing new n-Kingdom supplies and expanding purchase agreement correage. The CPAcorrected 52 major projects, with local content procurement reaching 5751 million, equal to more than 27 percent of contractor procure metalish. Eight marcia commoldes were highlighted as having excellent potential for local content procurement, with an estimated table wide of 51.7 billion

During 2008, as work intensified on our slate of oil, gas and petrochemical mega-projects, the contractor workforce increased by almost 24,000 for a total of 16,058. The level of Saudis in the constants' workfores was 16 percent; or 27,134 workers. Concurrent with the rise in contractor employees, we increased our contractor training programs. By ear-end, the total course completions reached 4,000, with more than 3,200 contractors in safety training, 410 in academic training and the rest in contrilication and job solids courses.

We transformed the way in which we procure production factilies; including platforms, pipelines and cables, for our offshore Adminian Potential program. In 2005, we awarded long-term offshore fabrication and construction agreements for a total of 65 new offshore of and gas production platforms and structures planned for execution over the next five years. These agreements also aclude approximately adjust on al pipelines and 225 km of subseccibles to connect these offshore facilities to onshore processing plants.

This new era in offshore fabrication was also heralded by the establishment of a new fabrication yard in the Dammam Portarea: Prevously, we relied on out-of-Kingdom fabricators for this work. Roughly 40,000 tons of material for the fabrication of jackets and decks has been received at the in-Kingdom yard, and material transfer is progressing rapidly.

We are working work domestic and international engineering, and construction (ims to foster-local engineering, procurement and construction firms capable of managing the execution of our largest projects. Multiple local construction, engineering and manufacturing firms have already formed the required local subsidiaries and joint ventures to bid on manor projects.

Saudi Aranco has a proof legacy of strengthening education in Saudi Arabia. Currelationship with RUBW, goes back to the university's founding in 1963 and has evolved over the years. In 2008, we established the **SA-KFUPM Partnership** Liaison Office to strengthen the relationship and create a model of cooperation between the petroleum industry and academia in the region.



establishment of the Saudi Aramco Corporate Finance Chair at the university's College of Industrial Management.

We also established the Saudi Aramco Fund for Petroleum Engineering and Earth Sciences Advanced Degree Grants In addition to the RAAME aviation association, our Industrial

Our collaboration with KEUPM focuses on four areas: quality We also strengthened our relationships with other universities strategic planning workshops with King Saud University and King Faisal University and completed a study to identify

> of industry and business associations in the region. For organization in the first Gulf Flight Safety Committee (GFSC)

organization: the Regional Aviation Association of the Middle East (RAAME) and its new Web site,

Services group in 2008 founded the Arabian Gulf Workboats Association (AGWA) to create a forum for the development

one of the founding corporate partners of the GCC Board Directors Institute, which aims to increase the understanding

earthquake disaster drill at King Faisal University in al-Hasa,

to improve environmental health knowledge and practices.



ndustrial cities such as Jubail receive fuel and feedstocks from Saudi Aramco and provide growth o

Environment & Community



Since its inception 75 years ago, the company's social responsibility activities have evolved to match the development of the Kingdom.

From its first days, the company was involved in developing the nation in the bounded sense, for beyond 8 commitments as an oil concessionaire. In the early years, the company control my managed its sown core basiness, but also was receptored for everything related to supporting Isdef health core, power generation, water supply, Scholing, read and port building, laundry and food preparation. As the company and the Kingdom generation, water supply, Scholing, read and the Kingdom generation building and industrial development expanded, to public health and astey, television programming and transmission, schol building and industrial development.

As the years passed, the company was worven into the commor and social services fabric of the country. Aaronsupported or complemented services provided by the government, and the company's support of the private sector add dividend's as it becarrise a purchaser of goods and services, rether than a provider. Icolay, Saudi Aramor's social services, responsibility efforts take many (time but the goods are the same. It or make the facilities and communities in which we operate cleaney, heatther and safe paces to work and lice.

Lightening the environmental footprint of our industry is a priority for us, and in 2008, we set new standards for protecting the air, water and land even as our operations expanded.

A major challenge we face in the execution of an offshire mega-project such as the Manila project, a paintclair development, environmental protection and sustainable resource conservation. In the Manila project, a paintclair challenge is the meshore and offshore simpling opounds in Manila and Tanajb bays. Company marine specialists worked with the project team during the conceptual stage and mitigated potential environmental impacts in a number of ways. For example, a significant number of large openings were added to the design of the causeway that connects the drilling slands, allowing better water circulation and movement of markine life in and out of the days. The room of the days. The room of the significant standard contained are significant number of large openings were added to the design of the causeway that connects the drilling slands, allowing better water circulation and movement of marking life and out of the drilling slands were chosen to avoid cause free sign dense signary search added so the drives the observation levels in dhose signary signary and location of the drilling slands were chosen to avoid cause free signa dense signary search added to the days. The room of the causeway and location of the drilling slands were chosen to avoid cause free signa dense signary marking were added to the design of the cause way the signary structure the signary dense si Damp project development, a competensive transmittation impart Assessment (EA) was conducted and its recommendations included a number of messures to minimize the impact of construction, diredging and land-filling. An Environmental Monitoring Program (KMP) is now in place to oversee the implementation of the mitigation messures and les monitor the impact of ongoing construction. The EMP will contruct of the life of the project and for three years after project completion, a strategy that is now a requirement for all large projects.

Before the start of the summer, when demand for electricity is at its highest, our energy conservation committee worked to minimae power consumption without impacting the operation or safety of facilities. A list of action plans were implemented during the summer, resulting in a total reduction of 250 measurest, equivalent to a cost avoidence of 325 million.

The third **discl hydrotexter** project at 8x5 tanua Refney. Twas funded in Octate and is planned for completion in 2010. When operational, all diesel fuel produced in the Kingdom will have residual sufur levels of 0.05 percent. reducing emissions from burning diesel by 95 percent. The 8x5 farma Refinery opansion project will also produce lowsulfur diesel.

Ivo projects to upgrade sulfur plants at our "Uthmaniyah and Shedjum gas plants were enging in 2008 and scheduled for completion in 2009 and 2010, respectively. Itwe upgrades are the largest turnkey upgrades undertaken by a Saudi contractor and will significantly reduce sulfur emissions to comply with government standards.

Every company process facility, including diffing stee, GGPS, more pump stations, gas plants and refinences, has a lase system that functions as the single most important element in the safe disposit of flammable and class substances generated by operations or in the event of an emergency relatest. Though Taxe systems are designed to receive Lago quantities of hydrocarbons during emergency studions, regular dish Jiamas to Inited to require gas necessary to ensure no ari ingress into the fane headers, plus any unusual operational regular dish.



Established in 1983, the year-long College Preparatory Program readies scholarship recipients for company sponsored college attendance. Here, a team of students in the program practice critical thinking skills at the 2008 annual famil gui

In 2008, we established a corporate flaring minimization program with the ambitious goal of reducing total flaring by 50 pecent from the current level by the end of 2012. There flare gas recovery projects have been apporved and, when operational, will reduce unburnt hydrocarbons and other emissions such as a sufficient of the flaring minimization programs have also been institled, which will also significantly reduce rashed noduce emissions.

At our fas fanura Refinery, we commissioned a 110,000bpd mercury removal unit. The unit has the capability to reduce the mercury content of the condensate splitter light naphth asteam from 20 parts per billion (pbb) to less than 1 ppb, eliminating the presence of mercury from the relinery's gasoline pool and satisfying naphtha export specifications.

We upgraded the wastewater treatment facilities at our jiddah Relinery. This follows new or upgraded wastewater treatment plants at Ras Tanuca and Ju'aymah terminals and at Abqaiq Plants. Engineering and construction activities on seven more wastewater treatment plants are ongoing, with completions planned by 2010.

The coal refers of Junyd, Jana and Kanon Kands in the Gulf have been significantly degualed by the careless deploymenof anchors by fishing and recreational vessels. These islands and their coal refers are centers of biodiversity in the Gulf, and are cuical nesting sites for biods and endoyneed speces of manne turtles, in 2008, our Environmental Protection organization installed and will maintain germainent moreing buoys near the Islands. The buoys are connected to special anchors that can willistand 20,000 to Guo pounds of pull, providing safe mooring for small to medium boats 2 to 20 meters from

In 2008, seven company gas plants received the international Gas Processers Association (GPA) award for their outstanding safety performance in 2007. Our ju'aymah plant was honored for reaching 5.5 million work-hours without a losttime incident, our Shedgum plant reached 1.5 million workhours, Harada had Yanbu 'plants each notched 1 million

In 2008, we established a corporate flaring minimization work-hours, and 'Uthmaniyah, Hawiyah and Berri plants program with the ambitious goal of reducing total flaring each achieved 500,000 work-hours.

> Our Refining, Marketing & International organization established safety programs for contractor employees, including a "Back to Basics" workshop attended by more than 1,000 employees at Ras Tanura Refinery.

Every year, our Marine organization participates in a number of oil spiil and International Ship & Port Security (ISPS) drills in domestic waters. In 2008, drills were held in coordination with the government at Ras Fanura, Jiddah, Yanbu', Duba and Jaizan.

The large majority of company employees are Sauk citizens who live outside of company communities, and for more than five decades, we have made it easier for there to alford their own home: through our **Home Ownership** Program. During the year, 1273 new home Isawe were geneted and 57 free lots were distributed to eligible employees. Over the life of the program, more than 57,058 new homes have been financed.

We offer a number of educational and safety programs to an employee and their lamiles, and to the general public in the summer, we offer two programs for Suid students. Summer Program A is for male and fermiole high students. The seven-week course, conducted at our industrial framing Centes in different regions around the Kongdom, includes left typs to compary facilities and classes in English, math, science, technical skills, computer training and special algority programs. High-proteinal slutches and engener (brong) compares high-proteinal slutches are offered a special academic program to help them better perspect for college-admission requirements.

summer Program B is for qualified male and temale college students who have successfully completed at least 60 credit hours of study. The students are offered full-time job assignments for eight weeks in different organizations and work locations in the rompany, according to their fields of study.

In 2008, Summer Program A accommodated 1,950 high school students while 718 university students participated in Summer Program B.



month-long Gifted Students Program which accommodates

The TESOL Language Enrichment Program delivers an

Week, for which we conducted traffic safety presentations

The safety and well-being of the people who work and

We first offered the World-Class Safety Workshop to

We opened two new fire stations. In Berri and Ju'aymah,

among these campaigns was our support of the GCC Traffic in the United Kingdom in the summer. This marked the first

Setting New Standards in OIL SPILL FIGHTING Technology





Our recycling program in Dhahran was expanded to all

safer and happier through the company's community outreach programs, many of which were made possible

"One Nation, One Heart" was the theme of the 28th Saudi Aramco Children's Art Contest, which concluded with the



in Rivadh, A festival for 400 people with special needs was families. In the days after the disaster, Motiva employees

Also for the seventh consecutive year, the company hosted The health of our employees and their dependents, including two recreation days in the spring, one in Dammam and the education, prevention and intervention, is managed by our In partnership with the General Directorate of Social Affairs 2008, we focused preventive health activities in three

held its 8th Summer Festival for orphans and children with campaigns in 22 locations and screened 13,500 people.

Province, more than 1,500 gifts were distributed: festivals Health Center. Our programs in occupational health included

where a wall of water up to three meters high swept through related to diabetes. Our Diabetic Care Center now serves

Motiva Enterprises, the joint venture between our Houston-



A group of international students previews their new school, the king Abdulian difference of a science and rereaustic saudi Aramco is building the graduate research university on the Red Sea north of Jiddah.

more than 3,200 patients, and our efforts to manage the disease have resulted in measured improvements in blood sugar control and an overall reduction in diabetes-related mergency, urgent care and inpatient admissions.

We also recognize that our obligations to Saudi society transcend the realms of health, safety and the environment, and one area where we have been playing an expanding role is the promotion of knowledge, education and the exchange of ideas.

On May 20, 2003, during lestimiles in Dhahman to maik Saudi-Anamors 27th amoustersay, King Abdulih kald the symbolic connerstane for the King Abdularit Center for Knowledge 6 culture, on thina, Audoic for "enlightening." Thin is the company's animescrary grift to the popole of Saudi Avabia and will lestine as world elsis majorner, bublic library hotoscial ardives, childreisy educational center, conference and performance lacitities and mure. The Center, to be located near the Saudi Anamos babilit in Dhahman, is dedicated to the Congour. Prelimmary engineering statied in August of 2007. Panali funding bas been secured and thins is sheddied to open to the public in 2002 with a full schedule of exhibits, sonatures and warks.

In the summer of 2006, the government directed to to lead the development of the King Addullah Investment of Science and Technology, or KNUS a decades long vision of King Addullah KAUS I stelling new precedents in a variety of areas for research aniversities. The university's agginatation and endowment, its interdisciptions approach and patientships with other institutions, its physical campus and ungine setting, and its agginach to examing facility and students from avoid the world have all set new standards in higher education. The project is situated on a site of more than 36 million square meters on the Red Sea approximately 80 km north of jiddah. ALSUF will be an international, graduate-level research unversity open to men and women from around the world and dedicated to inspiring a new age of scientific achievement in the Kingdom that will also benefit the region and the world.

In June 2008, we signed a memorandum of understanding with KAUST to create a partnership to support carbon emissions research, advanced petroleum reservoir and oil recovery technologies, and energy conservation and marine environment Studies.

Construction activities were at a high path in 2008, with a worknee of some 25,000 eachying VADET for its September 2009 opening. At year-end, the exademic campus buildings were analy enclosed, interese electrical and mechanical finationg activities were ongoing and the certral utilities plants were undergoing pre-commissioning. Soleritike elaptiment for the laboratoones is scheduled to anive in the first quarter of 2009. In the community area, all 2,088 residential units are structurally concurser in the site quarter for an utilities for counserving the site and support facilities area transcruted yconcurser in the site sympto-

During the project development phases, Saudi Atamoo provide environmental consulting to exame the creation of an environmentally responsible compus. We played a crucial role in the design of the master plan to conserve sensitive manne habitas and embrace environmental sustainability. The adoption of a policy of a zero-footprint on the manne environment will preserve environmental matter areas, part of which will be set caide as a mannesanctuary. A number of "green" construction and operational protecties are in place, including solid waster reuse, fainwater confliction and assession, water reuse, nainwater collection and assession.



On the occasion to mark Saudi Aramco's 75th anniversary, King Abduilah laid the symbolic cornerstone for thina, the King Abdulaziz Center for Knowledge and Culture, in Dhahran. thra will showcase Arab heritage and culture and also bring world cultures to the Kingdom.

Saudi Aramco by the Numbers

Recoverable Crude Oil & Condensate Reserves (billions of barrels)



Crude Oil Production

millions of barrels per day)



Raw Gas to Gas Plants



Recoverable Gas Reserves: Associated & Non-Associated (trillions of cubic feet)



Crude Oil Production



Delivered Sales Gas

ions of Brus per day)

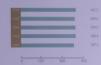


Delivered Ethane Gas

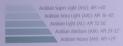
Sulfur Recovery



NGL from Hydrocarbon Gases (millions of barrels)

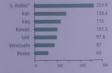


Classification of Saudi Crude O



Estimated Worldwide Crude Oil and Gas Reserves as of January 1, 2009 Source: Oil & Gas Journal

onventional Crude Oil Reserves (billion barrels)



Natural Gas Reserves (trillion cubic feet)



* Source: Saudi Aramco

Saudi Aramco by the Numbers

	0	0
	REFINED PRODUCTS	NGL*
CRUDE OIL	Far East: 53.4%	● Far Fast: 45.6%
 Far East: 52.7% 	 Far East: 53.4% Europe: 8.2% 	 Europe: 1.3%
 Europe: 5.2% Mediterranean: 7.0% 	 Mediterranean: 7.4% 	Mediterranean: 5.4%
 Wednemanean: 7.0% US: 20% 	 US: 1.4% 	• US: 1.2%
• Other: 15.1%	 Other: 29.6% 	 Other: 46.5%
* includes sales on behalf of SAMR		mestic loint & Equity Venture
* includes sales on behalf of SAMR Domestic Refining Capa (thousands of barrels per day	cities Do	mestic Joint & Equity Venture fining Capacities (thousands of barrels per day
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Domestic Refining Capa (thousands of barrels per day Ras Tanura - Yanbu - Riyadh - giddah - 0 200 Total domestic refining capacity	cities Do) Ref 237 Per 122 85 400 600	Fining Capacities (thousands of barrels per day) SAMREF 400 (S tro Rabigh 335 (S SASEF 305 (S 0 200 400
Domestic Refining Capa (thousands of barrels per day Yanbu' Riyadh jiddah 0 200	cities Do) Ref 237 Per 122 85 400 600	fining Capacities (thousands of barrels per day SAMEEF 400 (5 to Rabigh 3365 (3 SASEEF 400 200 400 400 00 (0 SASEEF 400 400 400 400 400 400 400 400 400 40

International Equity and Joint Ventures Refining Capacities





Showa Shell Sekiyu K.K. FREP - Fujian Refining and Petrochemical Company LI

* Saudi Aramco affiliate ownership

Total international equity and joint venture refining capacity: 644.79 Total worldwide refining capacity (company-owned/operated and equity and joint ventures): 2.15 million barrels per day

Workforce as of December 31, 2008



Saudi Development Programs Number enrolled at year-end 2008

4,897	Associate Degree
1,298	Advanced degree
117	Advanced medica
346	Two-year technic
	1,298 117

Associate Degree Program Non-Employees	54
Advanced degree	281
Advanced medical/dental	20
Two-year technical diploma	56

plus 100 apprentices at SASREF excluding College Preparatory Program

Saudi Aramco by the Numbers Crude Oil, Natural Gas & Refined Products

PRODUCTION / EXPORTS

Crude Oil & Refined Products (barrels)	2007	2008
Crude Oil Production, excl. NG blended	3,114,147,623	3,266,236,505
rude Oil Exports	2,407,956,412	2,509,577,626
Fude Oil Transported Using Company or Chartered Vessels	599,906,000	607,471,000
Refined Products Production	571,060,897	577,941,454
Refined Products Exports	136,010,203	132,088,155
Natural Gas	2007	2008
Raw Gas to Gas Plants (billions of SCF daily)	7.998	8.336
Delivered Gas (trillions of BTUs daily)		
Sales Gas (methane)	5.990	6.588
Ethane		1.022
Total Delivered Gas	7.023	7.610
Natural Gas Liquids - Production	2007	2008
NGL Production from Hydrocarbon Gases (barrels)		
Propane	143,681,301	146,047,764
Butane	92,683,812	94,483,405
Condensate	94,273,950	93,478,781
Natural Gasoline	63,925,885	68,195,019
Total NGL Production	394,564,948	402,204,969
Natural Gas Liquids - Exports	2007	2008
NGL Exports from Hydrocarbon Gases (barrels)		
Propane	134,426,569	136,484,296
Butane	79,642,853	80,703,859
Condensate	20,009,344	11,337,903
Natural Gasoline	52,635,009	55,399,248
Total NGL Exports	286,713,775	283,925,306
SULFUR		
Sulfur	2007	2008
Sulfur Recovery (metric tons)	3,089,223	3,163,340
Sulfur Exports (excl. sales on behalf of SAMREF and SASREF, metric tons)	2,583,536	2,866,764

PRINCIPAL PRODUCTS MANUFACTURED AT IN-KINGDOM REFINERIES (BARRELS)

2008	LPG	Naphtha	Gasoline	Jet Fuel/ Kerosene	Diesel	Fuel Oil	Asphalt & Misc.	Total
Ras Tanura	2,760,998	22,608,640	35,096,304	5,827,277	79,125,490	34,481,674	8,131,697	
Yanbu'	3,151,644	(1,339,348)	16,004,810	(758,884)	33,246,708	32,086,668	0	82,391,598
Riyadh	2,585,768	0	12,750,442	4,666,025	20,772,094			
liddah	562,351	3,594,471	4,889,647	(451,383)	8,603,958	5,356,944		
Rabigh	9,958	18,095,525	0	9,286,815	33,417,098	37,741,167	0	98,550,563
Total								

 Opmestic
 9,070,719
 42,959,288
 68,741,203
 18,569,850
 175,165,348
 109,768,905
 17,960,141
 442,235,454

 *Nepative figures primarily indicate products that were reprocessed into other refined products.
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SAUDI ARAMCO SHARE

2008	LPG	Naphtha	Gasoline	Jet Fuel/ Kerosene	Diesel	Fuel Oil	Asphalt & Misc.	Total
SAMREF	(525,000)	0	25,749,000	11,912,000	19,636,000	14,228,000		
SASREF	1,641,000	13,452,000	1,885,000	11,576,000	11,745,000	12,830,000		
Petro Rabigh	0	2,525,000	0	1,549,000	3,567,000	3,936,000		
Total JV	1,116,000	15,977,000	27,634,000	25,037,000	34,948,000	30,994,000	0	135,706,000
Grand	10 186 719	58 936 288	96 375 203	43,606,850	210,113,348	140.762.905	17.960.141	577,941,454

DOMESTIC PRODUCT SALES BY REGION (BARRELS)

2008	Central	Eastern	Western	Total
LPG	2,623,283	4,865,116	5,517,106	
Gasoline	49,713,501	27,451,603	\$9,531,359	136,696,463
let Fuel/Kerosene		2,865,292	12,607,278	
		45,953,657	98,541,006	208,181,278
Fuel Oil	609,864	9,223,992	103,484,969	
Asphalt & Misc.	7,314,453	8,942,001	6,508,872	
Total	131,109,717	99,301,661	286,190,590	516,601,968
2007	Central	Eastern	Western	Total
LPG		4,709,624	5,484,688	
Gasoline	45,798,084		55,818,517	
Jet Fuel/Kerosene	6,761,959	2,575,009	11,748,255	21,085,223
		42,330,610	89,948,138	
Fuel Oil	42,900	4.967.600	103,159,308	
Asphalt & Misc.		6.168.659	5,432,372	18,774,883
Total	121,659,233	85,848,894	271,591,278	479,099,40

Domestic Operations

International Operations





75 years of setting new standards



The tools used in the search for petroleum have evolved to take advantage of breakthroughs in the computer and imaging sciences.



From a single airplane in 1934, Saudi Aramco now operates one of the world's largest corporate aviation fleet



In its early years, Saudi Aramco helped eradicate malaria in the Eastern Province and supported the development of education and civil infrastructure. Community Outreach programs today focus on topics such as environmental education.



On May 1, 1939, the first shipment of Saudi crude oil left Ras Tanura aboard the tanker *D.G. Scolield* Modern supertankers such as the *Capricorn Star* in the fleet of Vela, Saudi Aramco's shipping subsidiary, have a capacity more than 20 times as large.

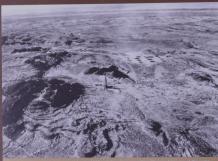


Saudi Aramco's first refinery at Ras Tanura was a 3,000-bpd "tea kettle" facility. Taday. Ras Tanura's refining reports a than 500,000 bpd.



Development of the Saudi workforce, one of the conditions of the original concession agreement, is still a core value for the company

Dhahran



Here two wears of thehron, neg taken in 1985 and the other more their 70 years later or of the same areas in the 1985 plotograph. Dammar Well No.1 and the fieldings of later of thehron can be seen the unterprised plotograph. Dammar Well No.1 and the fieldings of later of Well No.1 is in the detert to her which the concerning the takeproard, in the back plot a set on the gasay park, is Dammar well No. The absorber your livering market bits also determine and a commercial of production in Said Acaba the absorber your livering market the subjects in the act of a mercial of all production in Said Acaba and the subjects of the subject in the set of a commercial of production in Said Acaba and the subject of the subject in the set of a subject in the set of t



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