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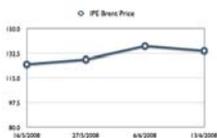
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LAST MONTH'S OIL PRICES



Egypt halts new gas contracts

In a move considered as a victory for opposition, Minister of Petroleum Eng. Sameh Fahmy announced last month that the government will revise its natural gas export prices and will not sign new exportation contracts until the end of 2010

By: Ahmed Morsy
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Sorry gentlemen! No more deals!

In the mid race to grab a piece from the fortune cookie, the Ministry of Petroleum has stupendously decided to cut off this vigorous battle and prevent the signing of any new natural gas contracts! Although this announcement sounded mysterious and totally unexpected, a wave of supporters surrounded the Ministry, after a long period of opposition. I believe that such decision should be highly appreciated and considered as a whole new era for the Ministry strategies.

This strategic declaration reflects the Ministry awareness of the destabilizing factors threatening the energy sector worldwide. The scarcity of energy resources and the approached end of oil era, as many experts claim to be reached over the next few years, have rang the alarm bell to get ready for a possible disaster. Most, if not all, our daily life activities require the utilization of energy whether in the form of electricity, transportation, food...etc. hence, if nations keep on abusing their energy resources, a catastrophe will definitely take place. Currently, most of the advanced nations have turned to alternative energies, such as bio-fuel, wind, solar, water, hydrogen...etc, as means to reduce their over dependency on oil and natural gas and save them for the future.

Therefore, it is time to save our resources, time to secure energy resources for the coming generations, time to guarantee a more prosperous future for them, time to consider the high value of this vital source of energy (i.e. natural gas); currently sold at very cheap prices, time to move towards alternative energies.

The Ministry recent decision should have been taken earlier and should have listened to the voices calling for saving the country's energy resources for many years ago, however, it is never too late to plan well and make better use of the resources.

One of the items raised also was the amendment of natural gas prices in the existing contracts as they are extremely low compared to the current worldwide prices, which have tremendously increased. As a debut, the Ministry has already sent delegates to the French Gas de France and Spanish Union Fenosa which have initially agreed to this raise concept.

These decisions are just the beginning to alter the strategies of how to use the country's oil and natural gas fortunes and move towards the channels of alternative energies.

Yomna Bassiouni
Managing Editor

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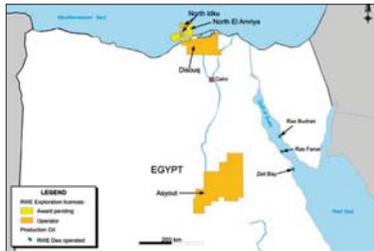
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RWE Dea achieves first gas discovery in North El Amriya Concession



RWE Dea made a new gas discovery in the Egyptian Nile Delta. In the onshore part of the concession North El Amriya the Amriya-1x well encountered two reservoir intervals of a total of 19 m thickness within the Pliocene.

Amriya-1x, drilled to a total depth of 1697 meters within the Pliocene, is the first exploration well drilled by RWE Dea in this concession. Presence of gas has been confirmed in the intervals 1471 meters to 1479 meters and 1585 meters to 1597 meters respectively. The well was defined on the newly acquired 3D seismic.

The North El Amriya concession was awarded to RWE Dea in July 2006. It covers an area of 2,066 km² within the onshore and offshore Nile Delta region of Egypt.

RWE Dea has already been engaged in Egypt since 1974 and has been producing oil as operator in the Gulf of Suez for 25 years now. RWE Dea has a total of 15 onshore and offshore concessions in Egypt, across a total area of roughly 15,500 square kilometers. (RWE Dea Press Release)

Regal hits first production of ERB-A-1X

Regal Petroleum, the independent oil and gas exploration and production company, announced 1st oil from the ERB-A-1X well.

Regal holds a 25% working interest in the East Ras Budran Concession in Egypt which is operated by Apache East Ras Budran Corp. LDC.

The well has now been successfully tied into the nearby Suez Oil Company (SUCO) production facility and brought on stream on 7th June 2008 with a recorded initial production rate of ca. 1100 bbl/day.

"We are delighted to announce the commencement of oil production in Egypt and are grateful for all of the efforts of our partners who have worked together to achieve this significant milestone safely and according to plan. Egypt now joins Ukraine as a focused production play for Regal Petroleum and complements our ongoing exploration and appraisal efforts in Romania," commented Regal's Chief Executive Officer, David J Greer. (Regal Petroleum Press Release)

Northwest Tanan-1 to be abandoned

Aminex PLC announced that the NW Tanan-1 exploration well on the West Esh el Mellahah Concession in Egypt (WEEM) has reached basement at a depth of 2,357 meters with well logs indicating that no hydrocarbons were encountered.

The well is to be plugged and abandoned and the rig temporarily released pending evaluation of the well and integration with existing 3D seismic.

Aminex holds a 10% beneficial interest in the WEEM concession through its shareholding in Aminex Petroleum Egypt Ltd. and Aminex's share of exploration of costs is carried by other partners through to first commercial production. Aminex therefore has no financial exposure until commercial hydrocarbons have been established.

NW Tanan-1 is the second in a minimum program of three wells scheduled to be drilled on WEEM during the current program. (Aminex Press Release)

Beach Petroleum to acquire interests in the Suez Gulf Concession

Beach Petroleum reported that it has entered into an agreement with Tri-Ocean Energy Company under which, subject to the approval of the Egyptian Government, Beach will acquire a 20% interest in the North Shadwan Concession in the Gulf of Suez at a cost of US\$110 million.

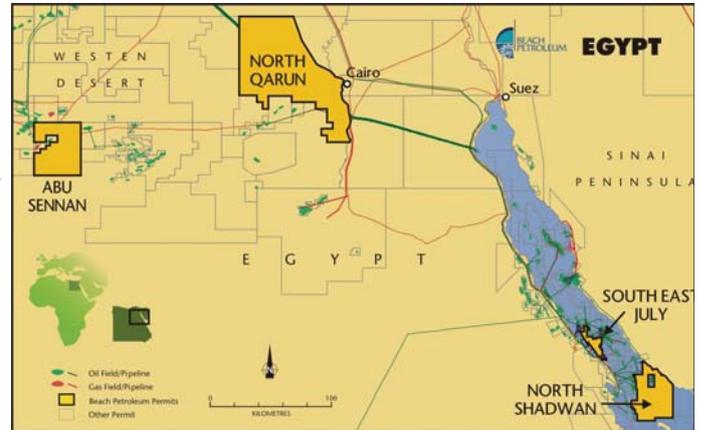
Completion of the agreement is also subject to the waiver of pre-emptive rights by another Joint Venture party and the Egyptian General Petroleum Corporation (EGPC).

The concession contains three undeveloped oil discoveries with Proved and Probable recoverable reserves of approximately 40 million barrels.

Several attractive oil exploration prospects are also identified. It is expected that waiver of pre-emptive rights will take up to two months to be resolved and government approvals up to a further four months.

This is not the first agreement for Beach Petroleum in Egypt. A week earlier, the company entered into an agreement with Santos Egypt Pty Ltd under which, Beach will acquire, via a farm-in arrangement, a 20% interest in the South East July concession, in the Gulf of Suez, offshore Egypt.

The South East July concession is currently held 100% by Santos and contains several attractive oil prospects, one of which will be evaluated by the July South-1 exploration well in



the fourth quarter of 2008.

Beach has also agreed to acquire Santos Egypt's 25% interest in the onshore North Qarun concession, located close to Cairo in the Gindi Basin of the Western Desert. The agreement is subject to entry into formal documentation, waiver of pre-emptive rights by the EGPC and other joint venture parties, and the approval of the Egyptian Government.

The two agreements reflect Beach's strategy to build its portfolio in the country. It is considered as a further step in Beach's overall material expansion of its suite of exploration and production assets.

(Beach Petroleum Press Release)

Saipem awarded \$600-million offshore contracts

Saipem has been awarded two new offshore contracts in Egypt and Angola worth a total value of about US \$600 million.

Focusing on Egypt, the contract was awarded by the Burullus Gas Company for the subsea development of the Sequoia field, which straddles both the Rosetta and West Delta Deep Marine Concessions, located offshore from the Nile River Delta, about 130 kilometers northeast of Alexandria.

The contract encompasses the engineering, procurement, installation and commissioning (EPIC) of the subsea development system of the Sequoia field, in water depths ranging from between 70 and 570 meters, and of a new 22" gas-export pipeline. The marine activities will be carried out mainly by

Saipem's highly specialized FDS vessel and will use different installation methods (J-lay and S-lay) to match the complexity of the operational environment, including both shallow and deep waters. The work is scheduled to be completed in the second half of 2009.

As for the second contract in Angola, it was awarded by Total E&P Angola, for the Block 17 Gas Export Project consisting of exporting Block 17 gas to Block 2 area for injection into two oil depleted reservoirs located off the Angolan shore, about 230 kilometers northwest of Luanda. Saipem's scope of work includes engineering, procurement, fabrication, transportation and installation of a new injection platform (Single Central Platform) weighting a total of 1500 tons, to be installed in water depth of 38 meters in the Block 2 area. (Rigzone)

Dana, Gaz de France share the success

Dana Petroleum has made a significant gas discovery with its first exploration well in Egypt; the WEB-1X well is the first drilled by the Dana Petroleum and Gaz de France partnership at the West El Burullus (WEB) production sharing contract area within the prolific Nile Delta region, in the Mediterranean Sea offshore Egypt.

The well was drilled by the jackup rig Ocean Spur.

Dana holds a 50% interest in the discovery and license area, which contains numerous additional prospects at both shallow and deeper horizons. Gaz de France also owns a 50% stake and operates on behalf of the group.

The WEB-1X well was drilled to 2403 meters true vertical depth, targeting a Pliocene prospect consisting of a turbidity sandstone channel system. The well encountered good quality gas bearing sands and an extensive set of wireline logs were run to maximize the reservoir data acquired on this important discovery.

The partners have now successfully completed a comprehensive multi-flowrate drill-stem test of the reservoir sequence, which flowed at rates of up to approximately 27 million standard cubic feet of gas per day. The well flowed very strongly with high downhole pressures. This well would be capable of delivering much higher gas flowrates in normal production

mode than was seen during the drill-stem test, because the test flowrates were severely limited by the temporary well completion and test equipment used on the jack-up drilling rig.

The acquired data will now be analyzed and an appraisal program defined. This discovery reinforces the attractiveness of the other similar prospects identified by Gaz de France and Dana within the WEB exploration and production license. In addition, other exploration targets within deeper horizons, such as the Miocene and Oligocene, will be considered.

The WEB-1X well is being suspended for potential re-entry and future use as a gas production well.

"This is an excellent result for Dana, following the Company's recent two oil fields discovered at West Rines and East Rines in the UK North Sea," said Dana CEO Tom Cross. "The WEB-1X flow test results are very encouraging. Making a discovery with our first well highlights the outstanding exploration potential of West El Burullus and significantly increases the likelihood of success for additional prospects which are being identified. We would like to express our thanks to Gaz de France for a superb operational performance in drilling and testing the well."

(Dana Petroleum Press Release)



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Kuwaiti and Iranian heavy crude exports' discount season

Following Saudi Arabia, Kuwait and Iran decided to slash the price of their heavy crude exports to the "deepest discounts" in at least nine years, which reflect the support to OPEC's view that the world has enough of its supplies.

Kuwait and Iran have applied a price cut of 40 and 47 cents a barrel respectively. Kuwait cut the Official Selling Price (OSP) of its crude to a discount of \$4.20 a barrel versus the Oman and Dubai benchmarks for Middle East shipments, the deepest since at least late 1998, according to data. Iran deepened Iran Heavy's discount to a \$3.92 discount, said a state oil company official.

This move follows the decision made by the world's biggest exporter, Saudi Arabia which cut its Arab Medium OSP by 35 cent to a \$3.70 discount to Oman/Dubai, the lowest since at least the late 1990s, in an attempt to appease customers who are suffering from deepening losses caused by producing residual fuel oil.

The price of fuel oil, the lowest-value major product of the refining process, has failed to keep pace with soaring crude values on falling demand, in turn curbing refiners' appetite for the heavy Gulf grades that yield more of it than lighter crudes.

(Gulf News & Reuters)

GE wins \$1 billion gas turbine in Algeria



GE Energy

General Electric has won a contract worth nearly \$1bn to supply Algeria with gas turbines for power stations in the latest sign of the growing popularity of gas-fired power generation.

GE's contract is for a new 1,200MW combined-cycle gas turbine power station, one of the biggest in the region that is being built by Iberdrola, the Spanish energy company. It has also won the contract to provide maintenance and parts for the next 20 years.

Algeria is classified as one of the biggest gas exporters to the European Union, along with Russia and Norway.

This plant is estimated to increase the country's power generation capacity by nearly 18%.

"Algeria is a country with a very young population, and its demographics mean it is a growing economy that will need more and more power," said Ricardo Cordoba, the head of GE Energy in Europe.

"The benefits of this long-term agreement include plants with better efficiency and reliability, controlled costs spending for the maintenance, and is made possible due to the trust we have in our business relationship and in the latest technologies developed by GE," said Douadjji Kinane, Chief Executive of Sonelgaz Manufacturing of Algeria.

It is worth mentioning that Algeria plans to increase its power generation capacity by 2010, from 7,900MW to 14,000MW.

(Financial Times)

Eni and NOC sign new petroleum contracts

Last month in Tripoli, Eni and NOC signed the six contracts of Exploration and Production Sharing (EPSA IV) that convert the original agreements that ruled oil and gas activity of Eni in the country. Contracts have been renewed for 25 years from January 2008. The new expiry dates set by the agreement are 2042 for production of oil and 2047 for gas.

EPSA contracts establish the terms for the future developments of the cooperation between the two companies on the basis of the strategic agreement signed in October 2007 and encompass initiatives aiming at exploiting the significant oil and gas potential in Libya.

Important initiatives in the gas sector are among the operations established within Eni's plan to expand its activities in the country. These initiatives aim at supplying the local market and strengthening the hub of Mellitah with the upgrading of the gas export capacity.

Furthermore, the parties will focus their efforts on maximizing the recovery of their existing oilfields through enhanced programs by applying the most advanced technology for the assisted recovery of hydrocarbons (CO₂ injection and water alternate gas). They will also implement a new drilling campaign at nearby fields.

Eni has been present in Libya since 1959 and is currently the major foreign operator in the Country, with total average daily operated production in excess of 550,000 boepd.

The agreement underscores the strong relationship be-



tween Eni and NOC and establishes the foundations for important industrial initiatives which will consolidate Eni's production growth targets in Libya. The agreement will also ensure greater energy security for Italy.

(Eni Press Release)

Gulf refining capacity to reach 10 million bpd



Gulf region's refining capacity is to grow by approximately 3 million barrels per day (bpd) to about 10 million bpd by 2015 in order to help meet the region's burgeoning demand for oil products, said a Senior Executive of Saudi Aramco.

"We are clearly focused on the downstream as the area

of greatest potential for future growth and impact, and indeed, I believe the entire Gulf is set to enter a golden age when it comes to downstream activities," said Aramco Executive Vice-President of Operations Khalid A. Al Falih.

In 2008 and 2009, the Gulf region will add more than 20 million tonnes per year of chemicals to its production base, added Al Falih.

Saudi Aramco, currently producing 2.4 million bpd, plans to increase its domestic and international refining capacity to become 3.2 million bpd by 2013.

Saudi Arabia, the largest producer and exporter of crude oil in the Organization of Petroleum Exporting Countries (OPEC), is facing increased domestic demand for all types of refined products, especially gasoline and fuel oil.

To keep pace, Saudi Aramco made the decision to expand its refining capacity to help ensure adequate supplies for oil products.

(Gulf News)

New acreage award in Tanzania for Aminex

Aminex PLC, the oil and gas company listed in London and Dublin announced the award of a further Production Sharing Agreement (PSA) in Tanzania.

This new offshore PSA, known as Songo-Songo West, is adjacent to the western boundary of the producing Songo-Songo gas field and close to Aminex's recent gas discovery at Kiliwani North, currently under test.

The new PSA is held 50% by Ndovu Resources Ltd., an Aminex wholly-owned subsidiary, and 50% by Funguo Petroleum Pty Ltd., a wholly-owned subsidiary of Key Petroleum of Australia.

Key, an existing 20% joint-venture partner with Aminex in the nearby Nyuni PSA which includes the Kiliwani North discovery, has been nominated operator of the new PSA for Songo-Songo West.

Songo-Songo West covers an area of 504 square kilometers and benefits from comprehensive, existing seismic coverage. The full PSA term is for eleven years and there is an obligation to drill one firm well in a first three year period.

"Songo-Songo West is a logical extension of our existing interests in Tanzania and we have been pursuing it for some time. Based on extensive knowledge we have gained through explor-



ing the region over several years we consider that the new PSA has high potential for the discovery of commercial quantities of hydrocarbons. We appreciate this further co-operation with Tanzania's state oil company, TPDC, and with the Tanzanian Ministry for Energy and Minerals. We are also pleased to be expanding our relationship with Key, which proved to be a strong and technically competent partner in our recent drilling campaign at Nyuni," commented Aminex Chairman Brian Hall.

(Aminex PLC Press Release)



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Scolari named Chelsea boss

After completing five years with the Portuguese national team, Scolari was Chelsea's No 1 choice in succession to Avram Grant



Chelsea have called Portugal boss Luiz Felipe Scolari, currently in charge of the Portuguese side at Euro 2008, as their new manager and that he will take over at Stamford Bridge on 1 July.

Being a Brazilian coach, he led his national team to victory in the 2002 World Cup. He has been the head coach of the Portuguese national team since 2003. When Scolari took over as Portugal manager in 2003, he oversaw their preparations as host nation for Euro 2004. In the finals, Portugal got through the group stages and saw off England in the quarter finals on penalties before beating the Netherlands in the semi-finals. However in the final they were beaten by Greece.

The 59-year old coached Portugal in the 2006 World Cup in Germany, where they managed to reach the semi-finals, and again coming out victorious in the quarter-finals against England. But, they did not reach the final due to a semi-final defeat against eventual runners-up France. In addition, he also won nine domestic trophies in Brazil.

The Brazilian coach becomes the fourth manager during Roman Abramovich's reign following the departures of Claudio Ranieri, Jose Mourinho and Grant. Although the latter only lasted eight months, he guided Chelsea to second place in the Premier League and to their first Champions League final last season.

The Brazilian conceded that there was some financial motivation behind his decision because the 59-year old wants to retire before he is 70. "I want to retire in four or five more years, so money was an issue but not the only one," he added. And he believes he can overcome any potential difficulties in his new role - his first in European club management.

"I think I'm a good manager, relatively good," he explained. "I spent 20 years as a club manager, so I think I know the ins and outs of club management. When I work with my players, I speak English, Portuguese, German, and Italian because football is one language."

Different football

During Euro 2008, Egyptian football fans get chilled out by watching "the highly professional" football matches



In addition to the hot weather Egypt has nowadays, football fans enjoyed watching the hot football all through Euro 2008 which Austria and Switzerland co-hosted from the 7th to 29th June.

With Cristiano Ronaldo on the Portugal side, Fernando Torres and Cesc Fabregas representing Spain and Michael Ballack skipping Germany, Tiere Henry featuring France in addition to many football stars in one tournament are enough for attracting the attention of the world fans.

Such stars play side by side on the same team, but they were the rivals of each other and vice versa. For instance, Fa-

bregas is the star of Arsenal likewise Torres in Liverpool, now they are mates of the same national team and vice versa with Ballack and Claude Makélélé in Chelsea and now rivals in France and German national teams. Besides, being mates in the team as well as the national team as for Ronaldo and Nani, both play for Manchester United and Portugal. Certainly, such diversion and assortment serves the point of performance and enthusiasm.

During the group stage, Portugal, Spain, Netherlands were star attraction for fans. Netherlands could thrash France 4-1 after beating Italy 3-0 in group C. Dutch striker Ruud van Nistelrooy told BBC that even their squad are surprised by their form at Euro 2008.

"We couldn't expect this as we didn't have the best of form before the tournament started," Nistelrooy stated. "Now it seems everything is falling into place, confidence is there and it lifts the team and makes a lot of difference I think."

While Portugal having secured top place in the group, Coach Luiz Felipe Scolari is expected to rotate the squad. As for Spain, they booked a Euro 2008 quarter-final spot after beating Russia and Sweden 4-1 and 2-1.

Egypt stunned by Malawi

African champions Egypt suffered a shock set-back in their bid to qualify for the 2010 World and Nations Cups

Malawi had a stunning 1-0 home victory over African champions Egypt in the third round of the group stage in the 2010 World Cup qualifiers. The reigning African champions looked to have held on for a 0-0 draw, until stoppage time at the end of the game.

The Malawi striker notched the winner deep into stoppage time after a poor clearance by Wael Gomaa as Egypt failed to maintain their 100% record in Group 12. Malawi, DR Congo and Egypt all have six points from three games, with Malawi top on goal difference.

The Pharaohs, reigning African champions, are down in third, and facing a real battle to get into the next round of qualifying.

Malawi coach Kinnah Phiri believes his team could have handed Egypt an embarrassing victory. "We should have beaten the Pharaohs by a wide margin," Phiri said.

Despite the disappointing defeat, six-time African champions Egypt are unlikely to face difficulties in progressing to the next round of the qualifiers. For the reason they still have two home games against Djibouti and Malawi. As Egypt, who won back-to-back Nations Cup titles under Hassan Shehata, are aiming to book their place in the world's premier tournament for the first time since 1990.

Formerly, Egypt snatched the first three points in the World Cup qualifiers marathon after beating DR Congo 2-1 in Cairo Stadium then they recorded their second victory in the World Cup qualifiers after thrashing away minnows Djibouti 4-0.

In addition to Egypt, a sequence of big names was humbled as reaching the halfway stage of this phase of the process. Angola, Ghana, Morocco and South Africa were all beaten, while Cameroon and Ivory Coast were held to draws in the third round too.

Fourth straight trophy

Rafael Nadal thrashed world number one Roger Federer to win a fourth consecutive French Open title

Rafael Nadal, 22, won 6-1 6-3 6-0 in one hour and 48 minutes to become the first man since Bjorn Borg in 1981 to win four back-to-back Roland Garros titles. Roger Federer had lost the previous two finals to Nadal, and was broken at the start of each set this time as he fell well below his best form.

The Spaniard becomes the seventh man to win a Grand Slam without dropping a set. While the last man to do so was Federer himself, at the Australian Open last year, but the mood of invincibility has well and truly left the Swiss now. As a result, invincible is exactly the description that applies to Nadal at Roland Garros. He has won all 28 matches he has played there and lost just eight sets in four years.

It was the heaviest defeat of Federer's career in Grand Slam tournaments and suggested he is as far as ever from fulfilling his dream of winning all four major titles. He had gone into the final insisting that he believed he could win, despite a 1-8 record against Nadal on clay and having seen the Spaniard demolish all comers on his way through the draw. And any belief that Federer did have began to disap-

pear almost immediately, as he made four unforced errors to give away a break of serve in game one.

When Federer dropped serve at the start of the second with his 15th unforced error of the match he looked a beaten man, but a superb angled backhand helped him recover the break in the following game.

The second seed sealed victory when the world number one made his 35th unforced error of the match - to Nadal's seven - and left an embarrassed Federer to pay tribute as the trophy was handed over for a fourth time.

"Rafa is very, very strong and he dominates this tournament like never before," said Federer. "Congratulations Rafa."

Formerly, Federer saw off a brave challenge from Gael Monfils in the semi-final to set up a dream final against Rafael Nadal. The top seed came through 6-2 5-7 6-3 7-5 against Frenchman Monfils. As for Nadal, he beat the third seed Novak Djokovic 4-6 2-6 6-7 (3-7) in the semi-final match for the second straight year after both won their quarter-finals in straight sets.





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Sudan's oil in turmoil



For many years now, Sudan has failed to capitalize on its considerable oil reserves due to the non-stop state of war the country has been experiencing either in the form of civil war or because of being at war with neighboring countries. As a matter of fact, Sudan has emerged as one of the oil-rich countries with great potentials of late, boasting proven oil reserves of 6.4 billion barrels, which are 32 times more than was estimated in 1981. Both reserves and production cover 0.5% of the world's reserves and production

By Mohamed El-Sayed

Considered Africa's largest country and the tenth largest country in the world, the main hydrocarbon reserves are located in the war-torn Southern Sudan. However, Sudan remains largely unexplored as intensive and comprehensive seismic data have been collected from a few areas only. Observers attribute this to the fact that the government has failed to explore a considerable number of oil fields, and the operating companies have concentrated on the most immediately promising areas, leaving other areas unexplored.

Nevertheless, over 300 wells have been drilled in Sudan since the early 1960s. Around 200 of these have encountered hydrocarbons, giving an average technical and commercial success rate of around 60%, according to international organizations' estimations.

In an attempt to put an end to the decades-long civil war, a Comprehensive Peace Agreement (CPA) in Sudan was signed to temporarily end Africa's longest civil war. This was hailed as a tremendous achievement, but peace in Sudan is still fragile and does not cover the entire country.

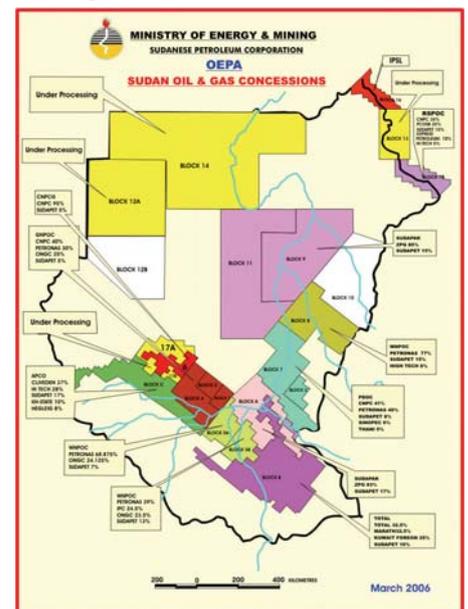
Politically, the country remains divided and violence is still prevalent, becoming part and parcel of daily life in many Sudanese regions, especially in Darfur and Kordofan. Deadly incidents continue to occur regularly in the South. Though peace agreements have been signed between the government and rebel fighters, clashes erupt every now and then in different regions of the country. The recent deadly clashes between northern government forces and former south-

ern rebels in the oil-rich region of Abyei has strained the 2005 peace agreement that ended Sudan's two-decade old bloody north-south civil war. Despite the 2005 Comprehensive Peace Agreement (CPA), protocols on Abyei with its half-a-billion-dollar oil wealth have not been implemented. Leaders from north and south Sudan are currently holding talks on how to find a solution to the volatile situation in the Abyei region as fears of a return to civil war abound.

Oil, in fact, has always been a main factor in Sudanese politics. It is the government's main source of income and it is driving economic growth, which hit unprecedented 10% last year. Meanwhile, the oil industry is poorly managed and highly politicized. So, instead of contributing to an atmosphere of peace and sustainable development, oil remains a source of strife and division.

In fact, the discovery of oil in the mid-1970s added a powerful economic dimension to the divide between the north and the south. The Darfur conflict began in 2003, when ethnic African rebels took up arms against the Arab-dominated central government, accusing it of discrimination. They were also fighting for resources and power in one of the most deprived places on earth. Khartoum was condemned by the international community as it was accused of retaliating by unleashing Janjaweed militias, blamed for the worst atrocities against civilians. Up to 300,000 people may have died from the combined effects of war, famine and disease, according to UN humanitarian officials.

There is no shadow of doubt that Sudan is one of Africa's oil producing potentials, but with peace and stability increasingly becoming a far-fetched dream, oil investment flows have been rather cautious and not to full capacity.





Fuel Fears

Oil prices continued to make headlines throughout the past weeks. Soaring prices of oil has become the talk of the town, augmenting fears that the global economy could see a wide-scale recession. Therefore, Energy ministers of the advanced nations last month expressed serious concerns about soaring oil prices and urged oil-producing countries to increase production through greater investment and provide more transparency on oil supply data

These concerns came after Oil prices staged their biggest one-day advance to hit a record of more than \$139 a barrel in the first week of June. The unexpected rise was blamed on two factors: firstly, the warning issued by the Israeli Transport Minister Shaul Mofaz about a potential military strike against Iran, if it failed to stop its nuclear activities, and secondly due to the unexpectedly bad US employment report upset the calculations of energy traders and triggered frenzied buying.

First, Mofaz stated that an attack on Iran was becoming "unavoidable", if Tehran is to be stopped from acquiring nuclear weapons. The blunt warning that Israel's government is ready to strike at its chief rival in the region was given by Mofaz, who also serves as a deputy prime minister. He added that "if Iran continues with its programme for developing nuclear weapons, we will attack it. The sanctions are ineffective."

The second catalyst for the turmoil in oil prices, observers argue came when the US reported an unemployment rate of 5.5 per cent in May; the biggest rise in 22 years. Oil traders reckoned that the increase in joblessness would make the US Federal Reserve less likely to raise



interest rates this year, so they sold dollars because of the prospect of lower returns.

The skyrocketing price prompted a meeting by the Group of Eight ministers, in which they called for "applying the blowtorch to OPEC", which they blamed for the rise in crude oil. Ministers meeting in Aomori, northern Japan, said that current high oil prices are "unprec-

edented and against the interest of either consuming or producing nations".

On his part, Akira Amari, Japan's Trade and Industry Minister, called oil prices "abnormal" and blamed lack of investment for the fact that "production levels have hardly increased over several years". Meanwhile, John Hutton, Britain's Secretary of State for Business and Enterprise, said that "the most effective intervention is to ensure that markets are working as efficiently as possible. Clearly, they are not doing so at the moment." He stressed the need for accurate data, both from producers and consumers to avoid new oil price hikes.

On another note, the meeting placed more emphasis on the importance of raising efficiency in oil-consuming countries, promising to form an international partnership for energy co-operation. The idea, according to the communiqué issued by the ministers, was to promote best practice by sharing technologies and by monitoring progress. Ministers also strongly backed the increased use of nuclear power as an inevitable alternative.

G8 heads of state will meet in Kokkaido, Japan, this month to tackle the issue of rising oil prices.

Bio-fuel blamed for food crisis!

"The end of cheap food era," ran the headline of The Economist few months ago. The anticipation was but a prelude to an era that would witness a steady increase in food prices all over the world. Protests and demonstrations swept more than 30 countries and are still moving from one poor country to another, posing a serious threat to global social security

The world is divided nowadays over the reasons behind soaring food prices. Developing world leaders kept putting the blame on the developed countries policies of encouraging the production of bio-fuel, which, they argued, was the main driver behind skyrocketing crop prices. Bio-fuels, in fact, have become the favorite whipping boy for countries experiencing food shortages and rising food prices.

The developing countries' calls for stopping bio-fuel production were joined by UN officials who adopted the same point of view. Jean Ziegler, the United Nations Special Rapporteur on the Right to Food, said that "the use of farmland for bio-fuel is a crime against humanity and is responsible for aggravating food shortages", especially in some countries in Latin America.

Food and Agriculture Organization (FAO) Director General Jacques Diouf agrees. During the food crisis summit held recently in Rome, he argued that "it is incomprehensible that \$11bn-\$12bn a year in subsidies and protective tariff policies have the effect of diverting 100 million tons of cereals from human consumption, mostly to satisfy a thirst for vehicles".

It is a viewpoint shared by global charitable organizations like Oxfam. Barbara Stocking of Oxfam thinks that "it takes the same amount of grain to fill an SUV with ethanol as it does to feed a person. We don't want any more subsidies for bio-fuels. This rush to bio-fuels is absolutely dreadful."

On the other side, the US, Brazil and the EU – the main players on the bio-fuel industry – maintain that soaring energy cost is to be blamed for food price hikes. "Bio-fuels are not the villain menacing food security in poor countries," Brazil's President Luiz Inacio Lula da Silva told heads of state in the FAO summit.

Brazil's is one of the main countries whose tropical climate allows it to efficiently grow sugarcane for ethanol production, which now provides 40% of the country's transport fuel. Small wonder then that the Brazilian President feels sorry "to see that many of those who blame ethanol - includ-



ing ethanol from sugarcane - for the high price of food are the same ones who for decades have maintained protectionist policies to the detriment of farmers in poor countries and of consumers in the entire world."

The US, which also heavily subsidizes corn cultivation for ethanol, still sticks to its position toward bio-fuel. The US administration insists on downplaying the effect of bio-fuels on soaring food prices. The US Agriculture Secretary Ed Schafer argued that bio-fuels account for "only 2-3% of the food price increases. We recognize that bio-fuels have an impact, but the real issue is about energy, increased consumption and weather-related issues in grain-producing countries."

Some economists, in fact, are holding the same opinion. Oil at more than \$130 per barrel, they argue, plays a much larger role in rising food prices than the conversion of crop

and cropland to bio-energy production. They are of the opinion that higher non-farm labor costs, a few drought-induced harvest shortfalls, plus increased demand from developing nations and renewable fuels production accounts for even less of the recent upsurge in food prices.

Energy experts, however, say there can be a balance between bio-fuel and food crops if government will strictly monitor land use for both.

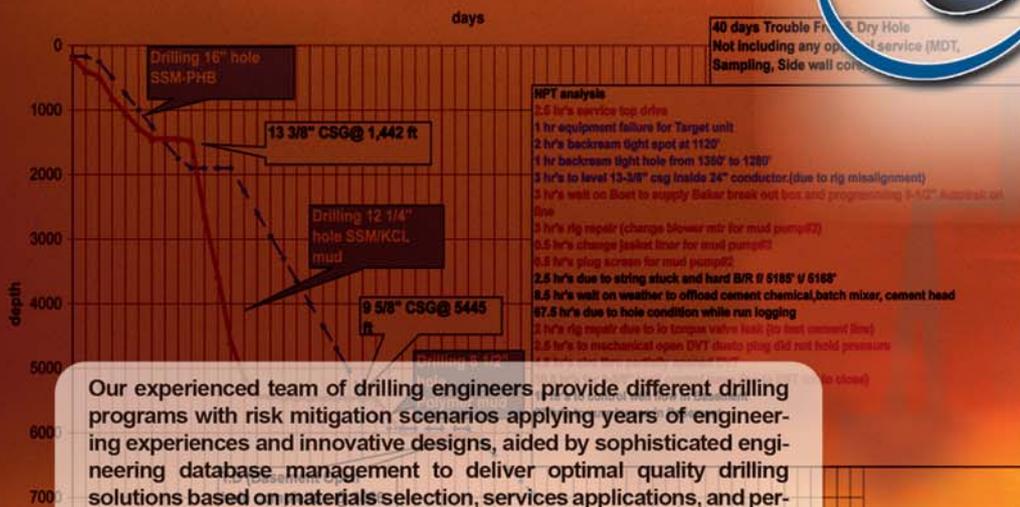
However, some researchers still see light in the end of the tunnel. Many a senior researchers at international research centers are looking at crops like jatropha, for example, which is already experimented with in India, as holding hope for a future free from the difficult choice between food and fuel. Until this alternative becomes a viable one, poor countries have to hold their breath as it is highly unlikely that the plans of bio-fuel supporters will recede.

Drilling Fluid

Drilling Fluids Technology – DFT Services in 2007. DFT provides its sized and high quality engineering drilling fluids practices using the fluids and drill-in fluids. DFT team experienced personnel within the Egypt fluids. The team collaborated for rich local and international expertise in Egypt utilizing varieties of mud systems in the Gulf of Suez of Egypt. DFT focuses on performance and improving well integrity through a learning curve which adds to our



PIC
Petroleum



Our experienced team of drilling engineers provide different drilling programs with risk mitigation scenarios applying years of engineering experiences and innovative designs, aided by sophisticated engineering database management to deliver optimal quality drilling solutions based on materials selection, services applications, and performance criteria. We provide integral solutions that improve your overall economics and HSE programs to provide high performance completed wells with reliable durable production. We simulate our drilling solutions aiming minimal NPT to attain a tolerance to the local & international Technical Limit Concepts for drilling operations. We encourage intimate customer participation from the initial concept to exhaustive prototype testing.

IS Drilling Management



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PICO ENERGY

Oilfield Integrated Services

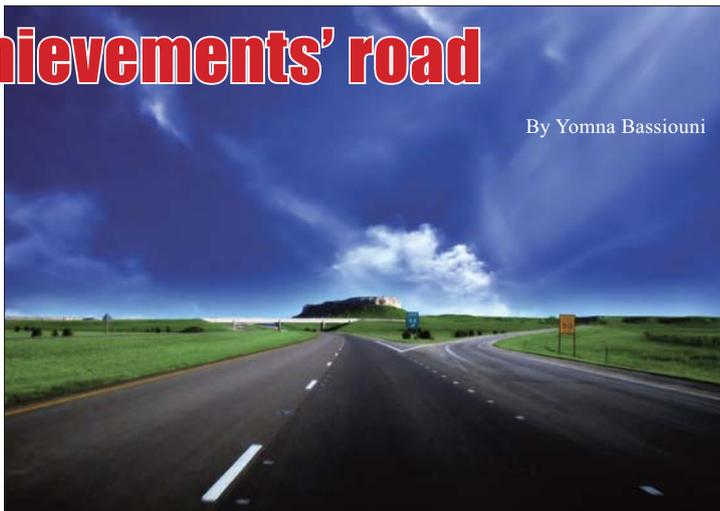
Pumping and Stimulation Services –P&S founded by PICO Petroleum Integrated Services in 2008 to provide stimulation treatments to maintain and improve the original permeability of the pay zone. Coiled tubing has a significant role in playing such improvement. Other services can be achieved such as Drilling with Coiled Tubing, OH/CH Logging, Artificial lifting, Well cleaning from scales/sand, Perforation and Fishing with Coiled tubing. Different sizes of Coiled tubing enable to reach the maximum benefit to stimulate the pay zone.

Pumping & Stimulation Services



Mid-way to 2008 achievements' road

Starting the third quarter (Q3) of 2008, petroleum mega players have revealed the bag of their achievements accomplished during the first two quarters of this year. Some confirm they are on track as scheduled, while others assert they are ahead of their plans; both are rigidly competing to hold the title of best achiever of the year. However, the current figures and numbers are the only measurement units which would roughly locate the positions of competitors in the mid race of 2008 top achiever for the time being



By Yomna Bassiouni

This article provides a simple presentation and analysis of the production/operation achievements announced by several companies operating in Egypt, such as Apache, BG, Eni, TransGlobe, Schlumberger, Halliburton, BG, Dana Petroleum, Baker Hughes, RWE, Dana Gas...etc.

With a production averaging a record 7,845 barrels of oil equivalent per day (Boepd), TransGlobe celebrates its Q1 achievement, in addition to the acquisition of approximately 900 barrels of oil per day (Bopd) in the West Gharib area was completed on February 5, adding to the approximately 1,600 Bopd acquired on September 25, 2007. The Company has further increased production from the West Gharib fields by approximately 900 Bopd to approximately 3,400 Bopd since assuming operatorship. Based on the initial drilling success and the planned extensive development program, the production guidance for 2008 has now been increased to 7,300 to 7,500 Boepd (previous guidance: 6,900-7,100 Boepd).

Focusing on TransGlobe's operations in West Gharib, on February 5, 2008, the company succeeded to acquire all of the shares of GHP for US\$40.2 million, plus working capital adjustments with an effective date of September 30, 2007. GHP held a 30% working interest in the West Gharib Production Sharing Concession (PSC).

Following the acquisition of GHP, TransGlobe holds a 100% working interest in the West Gharib PSC, which consists of nine development leases, including the East Hoshia development lease which was approved in January 2008. Three wells have been drilled to date in 2008, resulting in three oil wells (two at Hana and one at Hoshia). The drilling rig is currently drilling at South Rahmi and is scheduled to drill continuously in West Gharib through 2009. In addition,



a new 1,200 hp drilling rig has been contracted, which was scheduled to arrive from China in June. It is expected that the new rig will be drilling at West Gharib by mid-July.

Besides West Gharib, TransGlobe is the operator of Nuqra Block 1 and holds a 50% working interest. Existing seismic data was remapped and several Cretaceous targets were identified for a future drilling program. One exploration well has been budgeted for 2008, on a contingency basis. The Company has discussed rig sharing possibilities with the adjacent operators to facilitate a potential 2008/2009 drilling program.

"Apache delivered strong financial results for the first quarter and, just as important, significant exploration results in each of our 'ACE' core growth areas of Australia, Canada and Egypt," commented G. Steven Farris, Apache's President and CEO on the company's first two-quarter achievements.

Apache Corporation reported first-quarter net income of US\$1.02 billion, or US\$3.03 per diluted common share, the company's second consecutive quarter with earnings over US\$1 billion and a 108-percent increase from earnings of US\$492 million or US\$1.47 per share in the prior-year period.

First-quarter production increased 4 percent from the year-earlier period to 557,631 barrels of oil equivalent (BOE) per day, driven by higher oil output in the United States, the North Sea and Egypt.

"We expect production to accelerate into the second half of 2008 with increased activity in the United States, Argentina and Canada along with first production through the Salam gas plant expansion project in Egypt," highlighted Farris.

In Egypt, Apache received approval to build a third gas-processing train with capacity of 100 MMcf per day. «We now project that our inventory of development projects will add 135,000 Boepd net to Apache's interests by the end of 2012," explained Farris.

Apache's discoveries included the Brulimar-1, Julimar Southeast-1 and the Halyard-1 in Australia; the Hydra-IX in Egypt, and three wells in the Muskwa Shale in the Ootla area of British Columbia.

Oil and natural gas production for Italian Eni during the first quarter averaged 1,796 mmb/d, an increase of 3.6% compared with the first quarter of 2007 mainly due to the benefit of the assets acquired in 2007 in the Gulf of Mexico and Congo, as well as of Burren Energy from January 1, 2008 (for an overall increase of 118 kboe/d). Start-ups in Egypt and Angola, and field performance in Kazakhstan also supported production growth.

"Eni has delivered an excellent set of results... achieved despite the impact of adverse currency movements and an unfavorable trading environment in our downstream activities. We are delivering on our strategic objectives, generating value from our 2007 acquisitions and remain focused on continued improvement in all our businesses," said Paolo Scaroni, Eni CEO.

Currently, Dana Petroleum is drilling two wells offshore Egypt, at West El Burullus in the Nile Delta, in which it holds 50% interest share, and at West Gihan in the Gulf of Suez with 20% share.

Dana Petroleum's average production from 1 January to

30 April 2008 is approximately 44,650 Boepd after impact of Forties Pipeline System shutdown. The company has attained an excellent performance from the Egyptian oil fields, including additional production from the re-instated C1 well on East Zeit and the newly drilled South-West Qarun-12 well. Rig is currently on location at East Zeit oil field, offshore Gulf of Suez, to undertake workover and infill drilling campaign, to be followed by drilling of Dana exploration prospects in Gulf of Suez.

"We look forward to Dana's continued progress throughout the rest of the year from further exploration drilling, new license applications in the UK, Norway and Egypt, an active work program on existing fields and emerging commercial opportunities," said Tom Cross, Dana CEO.

BG Group has witnessed a 57%-revenue and other operating income increase, which amounted to £3,106 million. Capital investment in the quarter of £647 million comprised investment in Africa, Middle East and Asia (£307 million), Americas and Global LNG (£161 million) and Europe and Central Asia (£179 million).

Capital investment of £582 million included expenditure in Tunisia (£148 million), Egypt (£105 million), UK (£102 million), Trinidad and Tobago (£53 million), Kazakhstan (£47 million), India (£24 million), Canada (£18 million) and Brazil (£17 million).

During the quarter, BG Group announced the successful delivery of first gas from the West Delta Deep Marine Phase IV and the Rosetta Phase III projects in Egypt. The gas will be used to supply Egyptian domestic and export market commitments.

Schlumberger Limited reported first-quarter revenue of US\$6.29 billion versus US\$6.25 billion in the fourth quarter of 2007, and US\$5.46 billion in the first quarter of 2007.

Schlumberger Chairman and CEO Andrew Gould commented, "Seasonal factors and weather-related events, as well as lower product and software sales following the exceptional levels in the fourth quarter, had a general dampening effect on sequential revenue gains with a consequent effect on margins."

The company's income from continuing operations before charges and credits was US\$1.30 billion; a decrease of 5% sequentially, but an increase of 10% year-on-year. Oilfield Services revenue of US\$5.60 billion increased 3% sequentially and 18% year-on-year.

In Europe, Africa, Russia and Caspian region, Baker Hughes announced an 8% increase in its revenue in the Q1 2008 compared to Q1 2007. Africa revenue was down 8% in the Q1 2008 compared to the Q1 2007 and compared to a 1% decrease in the rig count and up 1% compared to the Q4 2007 and compared to an 8% decrease in the rig count. The change in revenue from a year ago reflects a change in the product/service mix on a significant West African project.

As mentioned earlier, all petroleum companies are still in the mid way to accomplish their 2008 plans. Thus, it is too early to determine the top achiever of the year, especially in the shadow of an "unstable" market and conditions worldwide.



Egypt halts new gas contracts

In a move considered as a victory for opposition, Minister of Petroleum Eng. Sameh Fahmy announced last month that the government will revise its natural gas export prices and will not sign new exportation contracts until the end of 2010

By Ahmed Morsy

The gas exportation has been facing oppositional reactions which have begun to come out to compel the government not to export the domestic natural gas in those low prices, especially to Israel; nine years after taking the decision of exporting the Egyptian Natural Gas to this latter. However, despite the public refusal, and the hot interrogation sessions at the Egyptian Parliament, the Egyptian natural gas has started to flow into Israel for the first time on May 1st.

According to Israel's Ministry of Foreign Affairs, the decision of gas exporting is nine years old as in 1999 former Israeli Prime Minister Ehud Barak praised the Egyptian government's decision to export natural gas to his country.

Nevertheless, the deal comes in accordance with a memorandum of understanding between Cairo and Tel Aviv signed in mid-2005. Through this agreement, the Cairo-based East Mediterranean Gas (EMG) has been allowed to sell 1.7 billion cubic metres of Egyptian natural gas annually to the Israeli state-run Israel Electric Corporation for a period of 20 years. EMG is a private energy consortium jointly owned by the Egyptian businessman Hussein Salem and the Israeli Merhav Group.

As a result, civil rights activists and members of People Assembly initiated a popular campaign to stop natural gas export to Israel under the slogan of "No to the Gas Setback". The one-million-signature campaign pointed out that its activities are represented in

“We are suspending new contracts until world prices stabilize”

increasing people's awareness toward this issue for the prevention of gas exports in light of increased world prices stating that the local economy needs Egypt's natural gas, especially as the price of the exported gas is not appropriate compared to current world prices in light of the contracts being signed in the past.

In addition, owing to the latest energy price hikes kicked-in this year, experts and opposition members have been calling on Fahmy to alter the prices on all existing gas contracts, saying Egypt's rate is below the current international market prices. The recent decision of freezing the new gas and reviewing all the existing contracts came as a result of the public storm.

“We will review prices of natural gas in all agreements without any exception,” Fahmy declared.

Fahmy also declared in the last edition of the Mediterranean Offshore Conference and Exhibition (MOC) that Egypt will earn 18 billion dollars as a result of reviewing all the exportation contracts and altering the prices. In addition, Shamil Hamdi, First Undersecretary at the Ministry of Petroleum, told a parliamentary committee that the ban on new contracts would not affect the share of the Egyptian natural gas due to foreign companies working in the country.

The government announced that it has already renegotiated the price in contracts sealed with the French Gaz de France and the Spanish Union Fenosa which have primarily agreed to the requested amendments. However, the government has not yet released any contracts for public scrutiny.



“We are suspending new contracts until world prices stabilize and we have a clear picture of the future of the markets,” Hamdi explained. Negotiations on the terms of all existing contracts continue, the official added.

Although in his statements, the Minister did not specifically focus on the gas agreement with Israel, government-run newspapers reported that the People's Assembly (PA) session was devoted to debating this specific deal.

Esmat El Sadat, Spokesman of the public campaign to prevent Egyptian gas exports said that Fahmy's announcement tackled the issue with more ambiguity rather than presenting the necessary clarifications. He stated that MPs presented a list of questions that remained unanswered by Fahmy.

One of those questions was the real figures of

Egypt's gas reserves, which, according to some officials from the ministry, stand at the range of 72 to 74 billion cubic meters. However, Ibrahim Zahran, Petroleum International Expert, said that these figures are “haphazard”; the international estimations range between 28 and 36 trillion cubic meters.

According to Abdallah Helmi, Coordinator of the public campaign to prevent Egyptian gas exports, who was present at the session, the government has reached an agreement that “we don't have enough gas to sign any new export deals”.

Helmi called on members of the People's Assembly's energy and industry committee to form an international committee that would announce the exact figures of gas reserves, prices and revenues, since international and Egyptian figures do not match.



Brown-Fields development, where opportunities emerge

As the crude oil prices are tremendously increasing; jumping above the \$100, the development economics are totally changing. Minor, and mature or Brown-Fields assets have considerable economic value evolved dramatically. Given the fact that technology is evolving exponentially enough to support non traditional hydrocarbon assets development, and to extremely pushing the recoveries to the highest limit

By: Eng. Ahmed Hassan
Chief Reservoir Engineer, PICO International Petroleum

As the energy demand is growing world wide, the hydrocarbon suppliers are taking the role to fulfill the market consumption. Given the fact that the huge oil discoveries are diminishing, increasing recoveries from the existing assets would be a valuable compensation parameter to equalize the demand and supply equation.

In this regard, this article highlights the evolution of Brown-Fields development and redevelopment world wide and the technical efforts exerted in this area.

First, it is very important to mention three important terms and definitions used in the areas of development and redevelopment of Brown-Fields.

• **Brown-Field:** it is almost a new expression in the oil industry, and it has been used alternatively with the expressions of "Old Field", and "Mature Field". The "Brown-Field" in specific

is expressing the oilfield that has more than one cycle of development and production decline.

• **Reserves:** are the economic recoverable hydrocarbon volumes under the contracting terms and conditions and under the government regulations of HSE.

• **New Oil:** are the reserves that can be added to the field booked values at any stage of its production life.

Advantages and Opportunities

The most important advantages of the Brown-Field are summarized in the following points;

- The already existing of infrastructure, which has positive impact on saving time and money, and consequently improving the economics of the development of the field

- The existing historical data already interpreted.

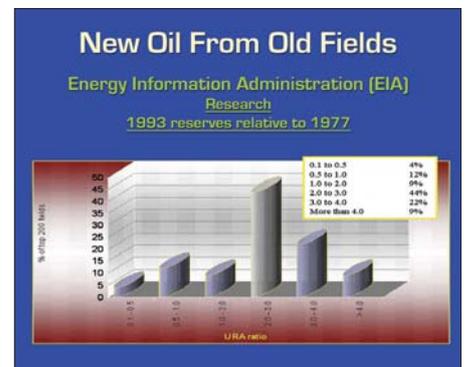
- Most of these fields still have potential to be developed and exploited.

Given the above mentioned points, the main challenge is how to identify and quantify the Brown-Fields potentials, then to rank these potentials and opportunities.

Sources of new reserves in mature fields are mainly acquired through the discovery of new reservoirs in these fields and the extension of the already known reservoirs.

The other source of the additional reserves is the revision of the booked reserves through the aim of improved recovery, and improved economic setting, and the improvement of the interpretation of the reservoir as a result of new data acquisition.

What has been achieved?



The Energy Information Administration (EIA) had accomplished research work concerning reserves estimates, and introduced the term "Ultimate Recovery Appreciation" (URA), which is defined as the increase of economic ultimate reserve over time.

Energy Information Administration conducted a research concerning the reserves tracking over the top largest 200 fields' world wide, covering the period from 1977 to 1993.

The findings and results of the research are shown on the plot graph above.

Almost 44% of these fields have increased reserves as double to triple times, while around 22% of these fields have increased reserves as triple to four times, and 9% of these fields have increased reserves for more than four times.

Why opportunities are emerging?

Why opportunities emerge in "Brown Field" in particular, many reasons and factors could be combined to show evidence of potential of opportunities of development, such as,

No.1 The low natural energy of some reservoirs, which consequently might lead to depletion of the reservoir pressure, and these depleted pressure reservoirs are proper candidates for artificial energy support projects, and could be good candidates for horizontal drilling to develop the oil zone, and might be candidates for artificial lifting as well.

No.2 Insufficient and Inefficient sweep of the secondary recovery fluid injection and consequently the resultant is upswept portions of the reservoir, areal and vertically.

No.3 Conventionally, and generally, most of the operators design the production facilities, and the artificial lifting to maximum level of 90% W.C, while in

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Graph: PRICE vs. Durability. Note: Durability values include aesthetic performance.

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reality, some reservoirs such as the oil wet reservoirs, a considerable amount of movable oil remain in reservoir matrix as the reservoir water saturation still relatively low, however the W.C is high as 90%.

N0.4 Technology evolution is playing an important role in the "Brown Field" development. It has various types and functions, such as 3D applications, open hole logging such as Magnetic Resonance, and MDT/RDT and fluid sampling. These technologies, for example, and others, are providing valuable data which positively impacting the reservoir interpretation and consequently improving the recovery values.

N0.5 Data surveillance and acquisition are very crucial for mature field development. Surface facilities de-bottlenecking is adding considerable positive value for the hydrocarbon recoveries.

N0.6 Market development and oil price are affecting the economics and the projects evaluation, and consequently playing very important role in Brown Field development.

Recognizing Opportunities

Production and dynamic data could easily provide clue for the potential of opportunities and chance of improvement. Production decline behavior and character provide a solid indication of reservoir connectivity and compartmentalization, and driving mechanism, and more important is the comparison of the actual decline versus the predicted.

The operating conditions, such as artificial lift optimization and facilities expansion to handle larger volumes and quantities of fluid and gas could positively impact the hydrocarbon recoverable values.

The economic parameters like oil and gas price and the operator economic assessment indicators such, NPV, Pay out time, DROI, IRR, and others are main factors that could impact the value of the Brown field development.

Reservoir heterogeneity is very important aspect of the reservoir character and very much controlling its development scheme. Generally, most of the reservoirs are heterogeneous.

The level of the interpretation and addressing of the heterogeneity is mainly dependant on the level of details of the integrated study of the reservoir.

The deeper is the integrated study, the more is the heterogeneity of the reservoir to be revealed. Heterogeneity of the reservoir has impact on the production and pressure behavior on different levels.

The first level is the heterogeneity effect on the well bore; as the matrix permeability changing around the well bore in the vertical profile, and consequently impacting the vertical fluid distribution and saturation profile. Permeability variation across the height of the hydrocarbon zone in the well bore controlling the fluid flow distribution along pay zone.

The second level is inter-wells, as heterogeneity impacting and affecting the sweep efficiency between the wells mainly as function of permeability variation in areal and vertical direction in the distance between the injector and producer.

In the same fashion and logic heterogeneity is affecting the fluid flow pattern and direction following the highest permeability direction, and consequently all of these factors are affecting and generating the configuration of the drainage area of each well.

The third level is the effect of the heterogeneity over the field wide. The main effect of the heterogeneity on field wide is the hydrocarbon in place volume and its distribution in the areal and vertical directions and consequently controlling the production trends variations among the field wide.

New technology for well bore clean up and completions

MI SWACO Specialized tools has through the acquisition of SPS International (2006) being able to bring to Egypt the vast experience of Wellbore Bore Assurance and introduce for the first time in Egypt the Wellbore assurance practices in conjunction with MI SWACO DF and the Operator. With major operators in the region looking more and more to the Mediterranean, where more complex well completions and higher fluid volumes are required, MI SWACO can assist from the design stage with the assistance of our drilling fluids division MI SWACO can provide the complete combined Mechanical Wellbore clean-up system and State of the art Completion fluid DE Filtration system (Wellbore Assurance) from well TD to spotting the final packer fluid before landing the TBG Hanger.



Mechanical Wellbore Clean-up (MWCU)

With Well completions becoming more complex in Egypt, MI SWACO Specialized tools have introduced new MWCU tools to the Egyptian Oil & Gas industry.

MI SWACO has provided the Mechanical Wellbore clean-up tool system to meet the clients MWCU requirements, from the regularly used MWCU string for the initial Wellbore displacement from drilling fluids to completion fluids Jetting and brushing the Riser and BOP while scraping and brushing the casing / liner while RIH taken particular attention to the Gravel pack and production packer setting depths before commencing with the well displacement and using the Well Patroller for well validation before moving onto the next stage of the completion.

This is where MI SWACO Specialized tools have introduced to Egypt with great success the Post TCP Wellbore clean-up to validate the well is clean, clear and free of obstructions before running the cased hole gravel pack completion. This string comprises various variations, but primarily the Ridge Back® Burr Mill (post perforation de-burring tool and Magno Back® CCT® for the of remove post gun debris and dislodged ferrous metal and the Well Patroller® for well validation before running the Cased Hole GP Completion. Multi-Function Circulating Tool MFCT® and SABS® Single Action Bypass Sub have also been introduced to Egypt completion operations and have proven to be effective for ensuring complete well bore clean up.

Surface Filtration Systems

In 2007, MI SWACO introduced the purpose built Twin 1200sqft DE Filter Press system in order to meet clients' demand for a completion fluid filtration system to filter high volumes at high rates for completion phase of wells, where large volume of completion fluid is required with different properties to cover Wellbore displacement, well control & sand control operations and in conjunction with the Mechanical Wellbore clean-up tool system that gives the client a product that can save rig time, money and assists in logistics.

The main issue is the rig tanks limitation to hold large quantities of different completion fluid on board to cover all completion operations. A possible solution to this is to tie a supply boat along side for use as extra tank space in theory this is the perfect solution, but the weather in the Mediterranean changes on a daily bases. With the MI SWACO Twin 1200sqft DE Filter Press system, high volumes of surface volume can be prepared in advance and once the wellbore displacement reaches the point of the Wellbore clean-up pills back to surface, the client can revert to a closed loop circulation system filtering well returns and circulating high rates, high volume through the Twin 1200sqft DE Filter Press system. Knowing that, when one unit has reached capacity, the second 1200sqft DE Filter Press is already pre-coated on standby ready to come online with no break in circulation, no slowing of the rig pumps that allow suspended solid to fall back down the well extending the time taken for the Wellbore displacement, cost time and money.

2008 Q3 MI SWACO will introduce the purpose built Trailer mounted DE Filter Press system to Egypt for the fast moving land completion and workover operations where time is always a factor between completions/locations. MI SWACO have decided that the only way we can meet customers requirements for land operations was to trailer mount a complete DE Filtration package including filter press, slurry mixing tank, pumps and twin pod cartridge unit. With the Trailer mounted DE Filter Press system we can arrive on location tie into the rig tanks system with 2 lines, commence with operations as per customers requirements, job done and move onto the next location.

MI SWACO is committed in providing total packaged completion fluids and mechanical well bore solutions and will continue to provide new technology new completion concepts for our Egyptian operators.





TOPTECH Egypt successfully deployed Apache's Storage Infrastructure Consolidation Project

IT

Passed through a deliberated assessment and pre-installation phases, **TOPTECH Egypt** has successfully concluded the implementation and testing phases to its valued customer **Apache Egypt Companies**.

Project Overview

The value of a solid infrastructure consolidation was clear for Apache Egypt Companies.

This enterprise is one of the world's top independent oil and gas exploration and development companies.

Business need

Build a centralized, standardized application processing infrastructure to serve fast growing number of users, reduce IT complexity, enhance business agility and improve operational efficiencies throughout the enterprise; provide scalability to accommodate future business growth.

Solution

Deploy a new IBM infrastructure with IBM System Storage™ DS4800 disk storage system, IBM System X servers and IBM Storage Manager software.

Benefits

IBM storage products offer a storage architecture that can help protect information and offer cost-effective scalability for business growth; IBM servers offer a robust, scalable platform that can help consolidate resources, simplify IT administration and provide the flexibility to accommodate future business changes.

Case Study

The huge growth of **Apache's** human resources and

workforce in different departments is due to the business expands. This growth has created new challenges for the company's IT group. "One of our primary challenges is the continuous growth of application's users, creating a tremendous growth of data and heavily consuming our server's resources," says **Jadir Barazi**, **Apache's** IT Manager.

"There was a clear need to consolidate the infrastructure, ensure business continuity and reduce the complexity of IT administration," says **Mohamed Aglan**, **TOPTECH VP & Managing director**.

Apache also needs to ensure that the new infrastructure can provide both the scalability for future business growth and the reliability that the company needs today.

Apache's IT group worked with IBM Business Partner **TOPTECH Egypt** to select the right storage and servers for the company's present and future needs. "**TOPTECH** team recommended the most efficient approach to solving our IT challenges and gave us the information we needed to make the right buying decision," says Jadir. "Once we made our selections, they completed the entire installation."

Currently **Apache** is using only a small fraction of the 89.6 TB total possible storage capacity. The DS4800 can accommodate up to 224 Fiber Channel or Serial ATA (SATA) disk drives, so the IT group can have confidence that it will accommodate future business acquisitions or increased volumes of data produced by new IT projects.

By building a consolidated processing infrastructure that is standardized on IBM server and storage systems, **Apache** IT group will be able to reduce the complexity of IT administration. "Standardization will help us simplify server management, network management, applications development and applications management," says Jadir. "Now we have a platform that can help both IT and the company be more efficient."

After deployment done by **TOPTECH Egypt** technical team with the contribution of **Mohamed El Mofty**, **IBM Storage Networking Solutions Specialist**, the new infrastructure will ultimately touch all aspects of the business, from front- and back-office work to plant operations. With this deployment, **Apache** now has a solid processing infrastructure in place on which it can continue to grow its business.



Jadir Barazi
Apache IT Manager



Mohamed Aglan
TOPTECH Egypt VP
& Managing Director



Mohamed El Mofty
IBM Storage Networking
Solutions Specialist

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Storage Forum 2008

IBM, the world's Technology Inventor & the Information Technology Leader, held its annual Storage Forum last month, through which IBM has been crowned as the top provider of innovative technology, outstanding storage proven software, hardware and solution offerings in addition to unique performance. With the remarkable attendance of large number of guests representing the different industry sectors, IBM revealed its new and latest storage offerings, which have further strengthened the value and uniqueness of IBM products in this dynamic market

This Year IBM came to the market with the complete virtualization portfolio (i.e., End-to-End Virtualization Solutions); starting by Servers Virtualization that IBM is leading since 40 years, passing by the unique solution of File Virtualization that is widely spread in Media Production, coming to the New Solution of File System Virtualization in order to efficiently use existing storage infrastructure avoiding any duplication in file systems, going down to the Storage Block Level Virtualization solution using the mature SVC product that is well established worldwide and in Egypt as well.

IBM is launching the Information Infrastructure Strategy for the coming 10 years by keeping it always independent and avoiding any down times.

Next Generation Storage Offerings

Believing that "First to Market Innovations, Enhancements and New Products" are the main keys which enable businesses to simplify and maximize resources", IBM introduced new first-to-market information infrastructure platform offerings and enhancements across a broad range of its disk and tape storage portfolio. Targeting clients that range from small and medium businesses (SMB) to large enterprises, the new solutions allow customers to implement a more efficient tiered storage infrastructure and achieve improved cost savings, integrated data security, and enhanced archival solutions to meet compliance requirements and have an infrastructure that delivers information on demand.

"IBM's goal is to provide the leading technologies and solutions for storage, servers, software and services – to address the challenges and realities IT customers are facing," said Ahmed Bourham, Storage Systems Group Manager, IBM Egypt. "The new storage offerings and enhancements we announced today will enable customers of all sizes to maintain highly resilient, high-performance, next generation network infrastructures," added Bourham.

N series for Large Enterprises

IBM announced the next generation of the N7000 series as both an appliance and gateway. The new N7700 and N7900 models will allow for improved scalability for large scale data center operations as well as storage consolidation for large open system enterprises and mid-market clients. The new systems offer massive scalability with support up to 1,176 Terabytes of raw capacity for large data center storage needs. The N7000 series enable customers to consolidate SAN and NAS storage needs to a single system that can provide support for primary, near-line, regulatory compliant data retention and archival storage all in single platform.

Next Generation Data Center Director

The IBM System Storage SAN768B establishes a platform



for evolutionary growth with high performance computing and future Fiber Channel over Ethernet (FCoE) technologies. It is the first director-class product to support eight Gigabits per second (Gbps) data transfer rates over Fiber Channel (FC) links, which enables a 100 percent improvement in data transfer speed over the previous generation. The SAN768B is the first product in the industry to support true interoperability between b-type (Brocade) and m-type (McDATA) directors in an 8 and 10 Gbps global enterprise FC SAN infrastructure. For m-type and other large enterprise clients that run mainframes with FICON channels, this interoperability provides a roadmap for growth of their existing FICON fabrics. This new technology platform reduces complexity, risk and power consumption with featured scalability of up to 768 ports across two domains.

Enhanced Archive and Data Retention Systems

IBM System Storage keeps on investing in the information retention space with the next generation IBM System Storage DR550 v4.5. By leveraging System Storage Archive Manager (SSAM) for policy-based information retention, the DR550 enables the transparent and automated movement of archived data between storage tiers for cost savings without compromising the security of archived data. The award winning system is now available as a single machine for enhanced for ease of customer setup and use, leveraging IBM Director as the unified management system. Clients who are looking to protect business critical information for long term security as well as manage information growth and compliance can choose from two models of the DR550 v4.5: DR1 and DR2. The DR1 is a 25U tall rack, pre-integrated and ideal for mid-market clients. The DR2 is built for large enterprises, packaged in a bigger 36U tall rack and offering single or dual-node configuration options for higher availability and scalability.

New Disk & Tape Storage Upgrades

With the aim of further extending the storage offerings to include new storage software and tape virtualization upgrades, IBM exposed during the forum new offerings and enhancements which will better help clients manage growth, complexity and risk across their information infrastructure.

Commenting on these new upgrades, Bourham said "IBM's offerings provide the leading technologies and solutions for storage, servers, software and services, to address the challenges and realities IT customers are facing." He highlighted that "these new disk and virtual tape storage offerings and enhancements we are announcing will further enable customers of all sizes to maintain highly resilient, high-performance, next generation information infrastructures."

Unmatched Virtual Tape Performance

The next generation of the IBM Virtualization Engine TS7530 provides high performance and scalable tape virtualization solutions to support growing customer environments.

Open systems tape virtualization clients today are looking to increase performance and lower disk storage. The TS7530 will enable clients to integrate functions like HW compression which support faster backup of data. In addition, with new support for 1TB Drives, clients get additional disk capacity at a lower price per GB. The TS7530 now supports RAID 6 and System i BRMS integration.

New Software for N series

A wide range of N series products were announced during the IBM forum. IBM N series Provisioning Manager Software is available on the N3000 Express, N3700, N5000 series, and N7000 series machines. This easy-to-use application enables



IT administrators to use policy-based automation to help reduce the time spent on complex, manual provisioning tasks. It simplifies storage provisioning while ensuring the provisioning process is repeatable, scalable and auditable to mitigate the risk of data loss due storage configuration errors.

Designed to address some of the most difficult data access and data management problems, the new IBM N series FlexCache Software can scale performance for large compute farms, accelerate access for remote offices and simplify management of tiered storage. This new software for the N3000 Express, N5000 series and N7000 series creates a flexible, horizontally scalable caching layer within the storage infrastructure that automatically adapts to changing usage patterns to eliminate bottlenecks.

The new N series FlexScale software with the Performance Acceleration Module is available on the N7000, N5300 and N5600 appliance and gateway systems as a performance enhancing 16GB accelerator card that helps protect customer investments by providing an economical way to increase performance of existing systems or maximize new system performance. It is designed to maximize application performance supported by N series storage systems.

New SAN Offerings

For small, mid-sized and enterprise customers, IBM provides three new b-type switches, the IBM System Storage SAN24B-4, SAN40B-4 and SAN80B-4. Each switch supports faster data transfer with 8 Gbps link speeds, key for implementing the right technology today to support future server and storage needs. Less power is needed with faster data transfer speeds as well. The switches have higher port counts (up to 24, 40 and 80 ports) for greater scalability.

IBM announced three new switch blades for the IBM Total Storage SAN256B director which also support up to 8 Gbps link speeds. For SMB customers, the IBM System Storage SAN04B-R, a 4-port router, will enable cost-efficient business continuity solutions using distance-extension over the Internet for SMB customers.

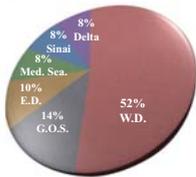
For the channel, IBM announced the Cisco MDS 9124 Express for IBM System Storage Fabric Switch which is preferred by IBM Business Partners who sell IBM BladeCenter and System x servers.



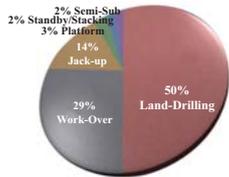
Table 1 Egypt Rig Count per Area -June 2008

Area	RIG COUNT		Percentage of Total Area
		Total	
Gulf of Suez		18	14%
Offshore	18		
Land			
Mediterranean sea		11	8%
Offshore	11		
Land			
Western Desert		68	52%
Offshore			
Land	68		
Sinai		11	8%
Offshore			
Land	11		
Eastern Desert		13	10%
Offshore			
Land	13		
Delta		11	8%
Offshore			
Land	11		
Total		132	100%

Rigs per Area June 2008



Rigs per Specification



Source: Egypt Oil & Gas

Table 2 World Oil Supply¹ (Thousand Barrels per Day)

		United States ²	Persian Gulf ³	OAPEC ⁴	OPEC ⁵	World
2007 August	E	8,360	22,897	24,118	35,207	83,755
September	E	8,324	23,447	24,695	35,852	84,597
October	E	8,474	23,558	24,767	36,051	85,406
November	E	8,539	23,216	24,437	35,848	85,190
December	E	8,669	23,865	25,089	36,591	85,665
2007 Average	E	8,481	23,098	24,277	35,410	84,548
2008 January	E	8,624	24,979	25,121	36,594	85,530
February	E	8,625	24,208	25,350	36,885	85,827
March	PE	8,664	24,219	25,361	36,784	85,730
2008 3-Month Average	PE	8,638	24,134	25,276	36,751	85,693

¹Oil Supply is defined as the production of crude oil (including lease condensate), natural gas plant liquids, and other liquids, and refinery processing gain (loss).
² U.S. geographic coverage is the 50 States and the District of Columbia. Beginning in 1993, includes fuel ethanol blended into finished motor gasoline and oxygenate production from merchant MTBE plants. For definitions of fuel ethanol, oxygenates, and merchant MTBE plants
³ The Persian Gulf countries are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Kuwait-Saudi Arabia Neutral Zone is included in Persian Gulf production.
⁴ OAPEC: Organization of Arab Petroleum Exporting Countries: Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, and the United Arab Emirates.
⁵ OPEC: Organization of the Petroleum Exporting Countries: Algeria, Angola, Ecuador, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.
 E=Estimated data. RE=Revised estimated data. PE=Preliminary estimated data.
 Revised data are in **bold italic font**.

Source: EIA

Table 1 World Crude Oil Production (Including Lease Condensate) (Thousand Barrels per Day)

	Egypt	Libya	Sudan	Other	World	OPEC ¹	Persian Gulf ²	North Sea ³
2007 August	679	1,700	486	2,579	72,363	31,965	20,462	3,718
September	679	1,720	490	2,613	73,229	32,606	21,012	3,920
October	609	1,740	500	2,639	73,844	32,798	21,118	4,170
November	609	1,740	520	2,694	73,556	32,648	20,833	4,082
December	609	1,740	520	2,706	74,167	33,339	21,434	4,064
2007 Average	637	1,702	464	2,627	73,240	32,174	20,672	4,114
2008 January	609	1,740	520	2,712	74,305	33,320	21,538	4,004
February	609	1,740	520	2,722	74,628	33,605	21,763	3,980
March	609	1,740	520	2,715	74,494	33,495	21,768	3,977
2008 3-Month Average	609	1,740	520	2,716	74,472	33,470	21,688	3,987

¹ OPEC: Organization of the Petroleum Exporting Countries: Algeria, Angola, Ecuador, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.
² The Persian Gulf countries are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates. Production from the Kuwait-Saudi Arabia Neutral Zone is included in Persian Gulf production.
³ North Sea includes the United Kingdom Offshore, Norway, Denmark, Netherlands Offshore, and Germany Offshore. Revised data are in **bold italic font**.

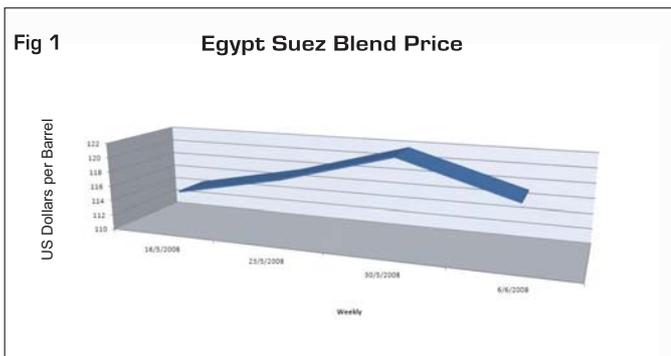
Source: EIA

Table 4 OECD¹ Countries and World Petroleum (Oil) Demand (Thousand Barrels per Day)

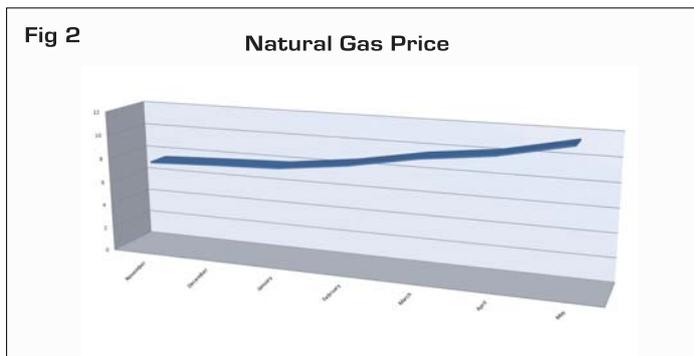
	France	German	Italy	United Kingdom	OECD Europe ²	Canada	Japan	South Korea	United States ³	Other OECD ⁴	OECD ¹	World
2007 August	1,908	2,578	1,552	1,709	15,283	2,398	4,597	2,091	21,051	3,388	48,807	NA
September	1,929	2,600	1,651	1,763	15,544	2,313	4,860	2,027	20,385	3,291	48,419	NA
October	2,128	2,664	1,748	1,742	16,087	2,308	4,783	2,208	20,455	3,572	49,424	NA
November	2,063	2,547	1,724	1,779	15,851	2,410	5,206	2,350	20,708	3,482	50,005	NA
December	1,825	2,429	1,694	1,664	14,881	2,387	5,661	2,362	20,869	3,516	49,675	NA
2007 Average	1,937	2,467	1,678	1,764	15,279	2,340	4,972	2,207	20,698	3,456	48,951	85,385
2008 January	2,047	2,515	1,603	1,696	15,386	2,418	5,339	2,365	20,114	3,456	49,002	NA
February	1,978	2,506	1,647	1,806	15,345	2,486	5,851	2,340	19,782	3,457	49,260	NA
2008 3-Month Average	2,014	2,511	1,624	1,749	15,366	2,451	5,586	2,353	19,954	3,416	49,127	NA

¹ OECD: Organization for Economic Cooperation and Development.
² OECD Europe consists of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom.
³ U.S. geographic coverage is the 50 States and the District of Columbia.
⁴ Other OECD consists of Australia, Mexico, New Zealand, and the U.S. Territories.
 NA=Not available.
 Revised data are in **bold italic font**.
 Notes: The term Demand is used interchangeably with Consumption and Products Supplied.

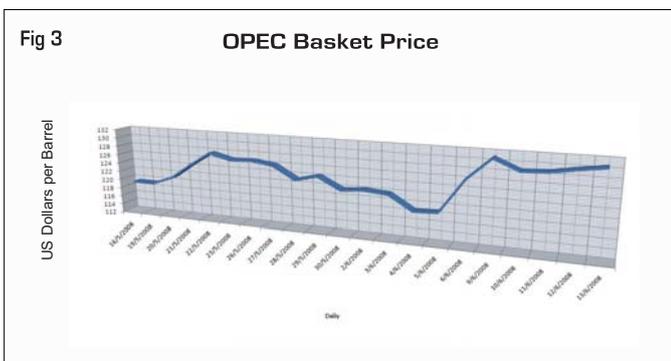
Source: EIA



Source: Egypt Oil & Gas



Source: Egypt Oil & Gas



Source: Egypt Oil & Gas



Source: Egypt Oil & Gas

Table 5 World Natural Gas Liquids Production (Thousand Barrels per Day)

	Algeria	Canada	Mexico	Saudi Arabia	Russia	Former U.S.S.R	United States ¹	Persian Gulf ²	OAPEC ³	OEPEC ⁴	World
2007 August	340	619	378	1,440	428	-	E 1,755	2,322	2,777	3,102	7,745
September	340	636	372	1,440	428	-	E 1,795	2,322	2,777	3,106	7,755
October	345	679	371	1,440	428	-	E 1,837	2,326	2,780	3,112	7,967
November	347	688	364	1,440	424	-	E 1,868	2,268	2,725	3,058	8,016
December	349	692	379	1,440	423	-	E 1,823	2,316	2,776	3,109	8,005
2007 Average	342	670	396	1,440	426	-	E 1,776	2,313	2,769	3,096	7,895
2008 January	350	695	366	1,440	421	-	E 1,783	2,325	2,790	3,131	7,980
February	352	695	368	1,440	421	-	E 1,830	2,330	2,796	3,138	8,032
March	353	700	367	1,440	420	-	PE 1,847	2,332	2,800	3,142	8,084
2008 3Month Average	351	696	367	1,440	421	-	PE 1,820	2,329	2,795	3,137	8,032

¹ U.S. geographic coverage is the 50 states and the District of Columbia. Excludes fuel ethanol blended into finished motor gasoline.

² The Persian Gulf countries are Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

³ OAPEC: Organization of Arab Petroleum Exporting Countries: Algeria, Iraq, Kuwait, Libya, Qatar, Saudi Arabia, and the United Arab Emirates.

⁴ OEPEC: Organization of the Petroleum Exporting Countries: Algeria, Angola, Ecuador, Indonesia, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, the United Arab Emirates, and Venezuela.

-- = Not applicable. E=Estimated data. PE=Preliminary Estimated data.

Revised data are in **bold italic font**.

Notes: Monthly data are often preliminary and also may not average to the annual totals due to rounding.

Source: EIA

Average Currency Exchange Rate against the Egyptian Pound (May / June 2008)			
US Dollar	5.339	Euro	8.330
		Sterling	10.485
		Yen (100)	5.104
Stock Market Prices (May / June 2008)			
Company	High	Low	
Alexandria Mineral Oils [AMOC.CA]	75.60	73.99	
Sidi Kenir Petrochemicals [SKPC.CA]	22.10	21.13	

Table 6 International Stock Prices Mid-May 2008 - Mid-June 2008

International Stock	High	Low
Schlumberger [SLB] NYSE [US Dollars]	106.63	98.98
Halliburton [HAL] NYSE [US Dollars]	50.60	46.75
Exxon Mobil [XOM] NYSE [US Dollars]	94.56	85.71
Atwood Oceanics [ATW] NYSE [US Dollars]	110.72	100.79
Weatherford [WFT] NYSE [US Dollars]	46.35	42.24
Shell [RDSA] NYSE [US Dollars]	86.34	79.72
Apache [APA] NYSE [US Dollars]	146.80	130.15
Baker Hughes [BHI] NYSE [US Dollars]	89.56	85.27
BJ [BJS] NYSE [US Dollars]	31.97	29.70
Lufkin [LUFK] NYSE [US Dollars]	81.73	77.07
Transocean [RIG] NYSE [US Dollars]	161.40	142.52
Transglobe [TGA] NYSE [US Dollars]	5.22	4.95
BP [BP] LSE Pence Sterling	649.75	581.00
BP [BP] LSE Pence Sterling	1394.00	1227.00
Dana Gas [Dana] ADMS US Dollars	2.17	2.04
Caltex [CTX] ASX Australian Dollars	15.19	13.07
RWE DWA [RWE AG ST] Deutsche-Borse Euros	83.91	77.26
Lukoil [LKOH] RTS [US Dollars]	112.50	102.50

Source: Egypt Oil & Gas



MOC Exhibition grows over the years!

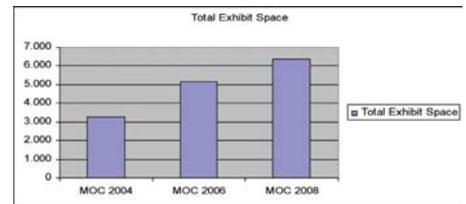
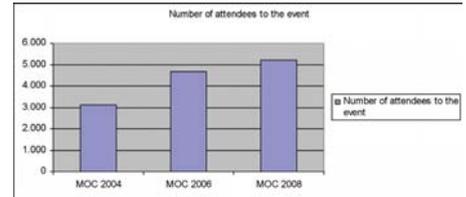
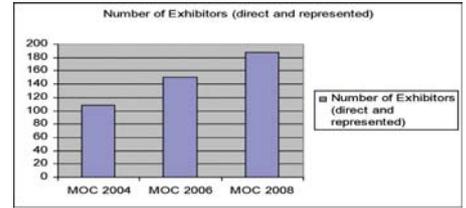
The 2008 edition of the Mediterranean Offshore Conference (MOC) represents the international confirmation of the importance of such an event for the offshore petroleum industry in general and mainly for the business and commercial relationships that bind the Northern and Southern shores of the Mediterranean Sea.

MOC 2008 has been a real success from many points of view, as the relevant figures reported witness. MOC has now received from the international oil & gas markets the confirmation of



overall general organisation, especially those who were exhibiting last three editions.

The exhibition covered the following areas of the oil & gas industry: exploration and production, oil & gas transformation, storage & tankage, pumps & compressors, tubular & piping, valves & actuators, paints, coatings, equipment for plant maintenance, heating services & products, various oilfield equipment, drilling instruments & control, well completion, offshore fixed & floating platforms, automation and information systems, refining and petrochemicals, subsea equipment & services, marine equipment & services, welding, environmental protection etc.



its role and importance as the Southern Mediterranean meeting in conjunction with OMC as the Northern Mediterranean meeting.

The participation of attendees from 20 countries worldwide is the confirmation of this success, and according to the feedbacks, comments, and impressions collected from the participants most of them expressed their satisfaction for the

MOC 2008 FACTS & FIGURES

	MOC 2006	MOC 2008	Increase
Total Exhibit Space	5.150	6.350	23%
Number of attendees	4.680	5.207	11%
Number of Exhibitors	150	188	25%

Drexel Oilfield Equipment (Egypt) Award Winner for "Best Stand" at MOC 2008

Drexel Oilfield Equipment, one of the major sponsors of the 5th Mediterranean Offshore Conference (MOC) 2008 held in Alexandria, was awarded "Best Stand" for its exhibit including booth, presentation and exhibition/conference sponsorship. Mrs. Mahy Tousson, Managing Director, accepted the award on behalf of Drexel during the conference's closing ceremony on Thursday, May 22nd, 2008.



Drexel represents world renowned principals including *Cameron, Reedhycalog, Aggreko, Castrol Offshore, Canusa-CPS, Off-*



shore Joint Services (OJS), Andergauge, Agar Corporation, Global Industries, Total Safety, Petreco, Kongsberg's Process Technologies Subdivision, e-Production Solutions, Clampon, Norse Cutting & Abandonment (NCA) Drexel Diving Services and many more.

Drexel provides its principals with Project and Contract Management including marketing, financing, legal and administrative support in addition to Warehousing Facilities through their four vast and fully equipped fa-

cilities in the Amreya Freezone totaling over 22,000 m².

Drexel has been providing quality services and products to the Egyptian Oil & Gas sector since 1976. Drexel's most recent accomplishments include project and logistics management on Burullus Gas Company's *West Delta Deep Marine Phase IV* Field Development and Rashpetco's *Rosetta III*. Their current contracts include BP/Gupco's *Taurt* and continuing work on Burullus's *Sequoia*.

For more information on Drexel Oilfield Equipment, their principals and services, please visit www.drexelegypt.com





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Simulation software

Drilling-fluid systems and additives
Technical support

ENVIRONMENTAL SOLUTIONS

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Mud mixing
Rig-equipment engineering
Drilling waste management

- Solids control
- Screens
- Cuttings collection
- Pneumatic transfer
- Cuttings re-injection
- Dewatering
- Desorption technologies
- Site remediation

Pressure control
Rig instrumentation
Pit management
Vessel cleaning
Fluids recycling
Production-tank cleaning
Production waste management

WELLBORE PRODUCTIVITY

Engineering/simulation software
Reservoir drill-in fluids
Fluid-loss-control systems
Intervention fluids
Packer fluids
Breakers

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