

Significant Discoveries in 2004*

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Introduction

Although 2004 may not have been a year for elephant discoveries, a number of important wildcats were added to the world's reserve inventory potentials.

Below is a notation, with commentary, of some of those significant finds, as reported by the IHS Global E&P Reporting Service (www.ihsenergy.com), whose editors cover E&P activity in more than 200 countries. The accompanying map (Figure 1) shows the countries with the discoveries summarized herein. A more complete list, provided in Tables 1-9, is also on the EXPLORER website at www.aapg.org.

Central and Southern Africa (Table 1)

Angola (Table 1)

Four deepwater discoveries in the Congo Fan included Total's Canela 1, testing 6800 barrels of oil a day, and ChevronTexaco's KX2 flowing at 5000 bod.

Offshore Gabon (Table 1)

Vaalco's Avouma 1 on the shelf of the Lower Congo Basin flowed 6600 bod.

Nigeria (Table 1)

Total's Preowei 1B in the deepwater Niger Delta area is potentially significant, as Total has already indicated a desire to develop the find even though the first appraisal well has yet to be drilled.

Saharan Africa (Table 2)

Algeria (Table 2)

First Calgary's Ledjmet South 1 wildcat weighed in with a 13,515 bod and 30.9 mmcfgd winner in the onshore Berkine Basin. Sonatrach hit big with its find in the Hassi Messaoud Basin, there testing 4445 bod with 4.3 mmcfgd, and with the BKP2 in the Oued Mya Basin, at 3072 bod and 21 mmcfgd.

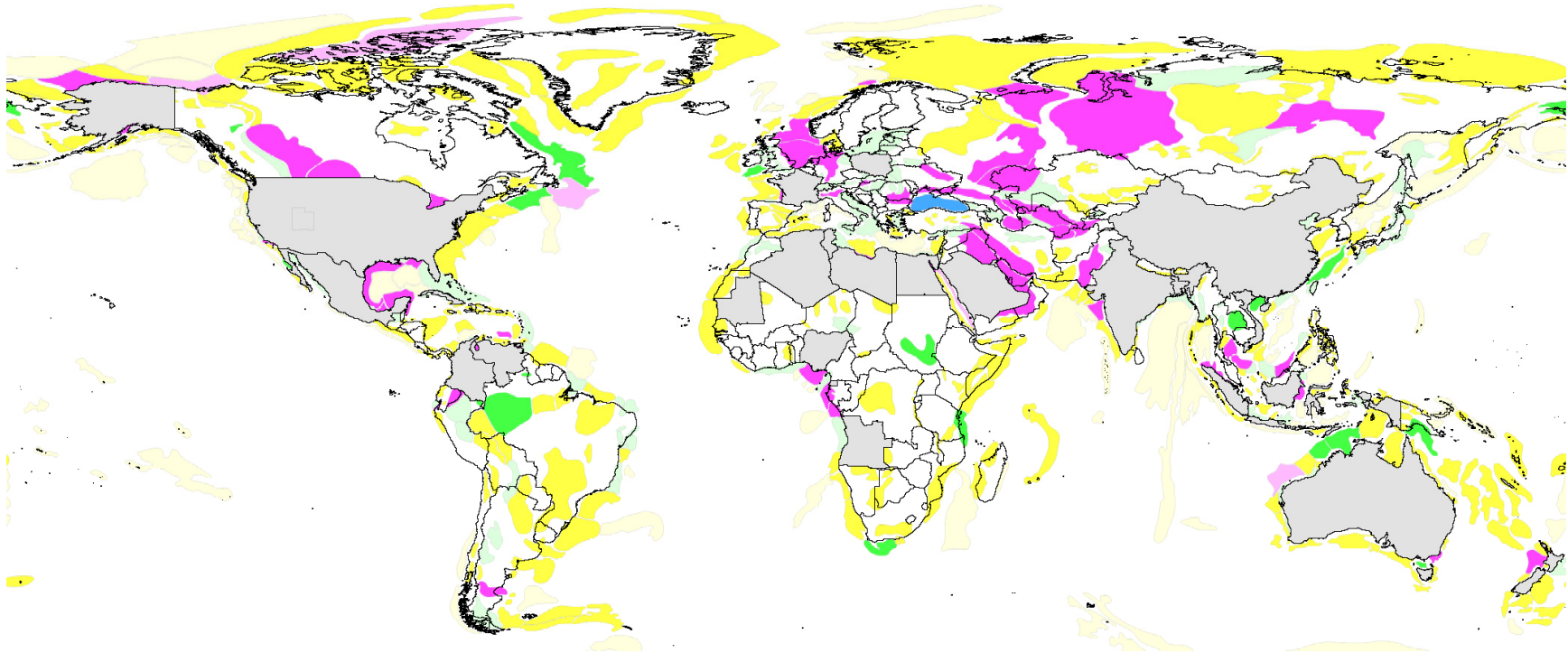


Figure 1. Global map of sedimentary provinces, from St. John et al. (1984), with overlay of countries (in gray) that had 2004 discoveries summarized in this article.

Egypt (Table 2)

Twenty-seven discoveries were reported, including Suco's 3000 bod find in the Gulf of Suez, Sipetrol's 3250 bod wildcat and Shell's Shieba 18-3 testing at 1600 bod with gas -- both in the onshore Abu Gharadig Basin.

Libya (Table 2)

Six discoveries were reported, including Repsol's find in the Murzuk Basin testing 1350 bod.

Mauritania (Table 2)

The offshore again has hosted a number of exploratory wells, and Dana's Pelican 1 is arguably the best. The operator confirmed in-place reserves of 1.03 tcf, with technically recoverable reserves in the range 600-800 bcf together with 10-13 mmb of associated liquids. However, as the base of the hydrocarbon-bearing interval was not encountered, these figures could be revised upwards.

Tunisia (Table 2)

ENI tested two discoveries in the Ghadames Basin, one testing 6200 bod, with 14.3 mmcfd, and the other at 3600 bod.

Australasia (Table 3)

Australia (Table 3)

ChevronTexaco's Wheatstone 1 exploration well in the North Carnarvon Basin is viewed as a multi tcf gas find that is likely to be tied into Gorgon, or maybe even the Northwest Shelf. The well encountered 53.34m of net gas sands in the objective: Jurassic Tithonian and Triassic Mungaroo sands, in which a production test flowed 54 mmcfd of gas.

Also worthy of note is that BHP-Billiton made a number of oil discoveries (Eskdale, Harrison, and Stickle) that have opened a medium-sized oil province in the offshore Carnarvon Basin.

New Zealand (Table 3)

The Amokura 1 and Pateke 2 discoveries, drilled by NZOP, were found to be in the same field. They represent the first oil discovery in New Zealand in a number of years.

Europe (Table 4)

France (Table 4)

At a country level, Les Mimosa 1GD is considered as outstanding, as it is one of several prospects to have been identified and most of the Lege permit, in which it lies, is now open for bidding.

An Aquitaine Basin discovery by ExxonMobil flowed 1600 bod.

Poland (Table 4)

PGNG's Zaniemysl 3 in the Fore-Sudetic Monocline flowed 2.5 mmcfd, and Cierpisz2 in the Outer Carpathian Foredeep tested at 26.9 mmcfd.

Far East (Table 5)

Bangladesh (Table 5)

Bangora 1, operated by Tullow, is a potentially huge, significant discovery that encountered a number of gas-bearing intervals between 2580-3285 meters. Three lowermost intervals were tested flowing a combined 120 mmcfd, with the shallower units to be tested at a later date. The company has now tested gas at either end of a 400-kilometer-long anticlinal trend, and an accelerated appraisal program is planned.

China (Table 5)

Although no reserves have been assigned, Laopunan 1 has been proclaimed by PetroChina as its largest and most significant discovery in 2004, testing at 4400 bod and 5.6 mmcfd. It is located in around three meters of water and was drilled on the Nanpu 2 structure in the southern part of the Nanpu Sag, Bohai Gulf Basin.

PetroChina also struck with five discoveries in the Tarim Basin, including the Yugi 4, testing at 944 bod and 1.8 mmcfd, and the Lungu 39, flowing at 355 bod and 41.3 mmcfd.

India (Table 5)

For the second year, India's offshore has been a key exploration area. In 2004 it is the Reliance wells on the Dhirubhai structure in the NEC-OSN-97/2 block that are regarded as most significant, as these have shown the shallow water area of the Mahanadi Basin to hold significant amounts of gas. Reliance reported a total of seven discoveries in three offshore basins.

Indonesia (Table 5)

The Jeruk 1, a big oil discovery made by Santos with likely minimum reserves of 170 mmboe contained in the Kujung Formation in the offshore East Java Basin, has been successfully appraised. Eni completed Aster-1 as an important new field discovery. Although untested, this well opens the potential for a new deepwater play in the Tarakan Basin and has high-graded an area where the median line is disputed.

Vietnam (Table 5)

The 09-R 23X well is understood to have flowed about 1100 bod of 35-degree API crude and is claimed by the operator to be the first basement oil discovery in the southern part of Block 09 in the offshore Cuu Long offshore basin.

Latin America (Table 6)

Colombia (Table 6)

Perenco's Jordon Este 1 flowed 1877 bod in the Llanos-Barinas Basin.

Cuba (Table 6)

Although considered non-commercial, Repsol YPF's Yamagua 1 is an important well in that it is the first to be drilled in Cuba's deep water, and also because light oil was found. The structure is subject to further seismic evaluation, and at least two more wells are being considered.

Mexico (Table 6)

Among the 21 discoveries reported by Pemex, seven are offshore, including the Itla 1 in the Gulf Coast Basin, testing at 1350 bod with gas, and the Kosni 1 in the Tampico-Misantla Basin, flowing 29.4 mmcf/d.

Venezuela (Table 6)

Oil-in-place for the Travi Este structure, successfully drilled by the Travi Este 2X wildcat, was estimated by PDVSA at the time of logging at 670 mmbo and 2.6 tcf of gas from a 220-meter net pay section in the Naricual and San Juan formations; this ranks among the country's most important wells in 2004.

Also, ChevronTexaco's Loran 2X in the Plataforma Deltana is believed to have found reserves of 4-6 tcf and is being touted as the catalyst to launch the country's LNG project.

Middle East (Table 7)

Saudi Arabia (Table 7)

Shaybah 700 is significant, as it established a new non-associated gas/condensate play, and work continues to evaluate a deeper gas objective. It has the potential to be a very large find with reserves estimated at 3 tcf of gas and 100 mmb condensate.

Kuwait (Table 7)

Mutriba 12 was reported to have discovered sweet gas and 50-degree API condensate in the Lower Triassic Sudair Formation; a second test suffered a technical failure. The well, drilled to a total depth of 6736 meters, is considered the first non-associated gas producer in Kuwait.

KOC also found 4850 bod in the Dibdibah Sub-Basin with the Bahrah 28.

North America (Table 8)

Gulf of Mexico (Table 8)

Although no reserves have been published, the Jack (ChevronTexaco) and St. Malo (Unocal) discoveries are considered significant, as they both are located in the newly established Paleogene trend.

Utah (Table 8)

Wolverine Gas & Oil Company's Navajo discovery in south-central Utah (on the "Utah Hingeline") opens a new hydrocarbon province along the Western Overthrust belt. The associated play is characterized as "a leading-edge thrust belt structure." Depth to target is less than 7000 ft (~2150 meters).

Russia, Turkmenistan, and Uzbekistan (Table 9)

Significant discoveries known from Russia and two countries that were part of the Soviet Union (Turkmenistan and Uzbekistan) are given in Table 9.

Reference

St. John, Bill, A.W. Bally, and H.D. Klemme, 1984, Sedimentary provinces of the world – hydrocarbon productive and nonproductive (map with booklet): AAPG.

| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
|--------------------------|----------------------|--------------------|-----------|-----------|------------|-------------------------|
| Angola | | | | | | |
| BP | Venus 1 | Congo Fan | Deepwater | Oil | February | N/A |
| ChevronTexaco | KX 2 | Congo Fan | Deepwater | Oil | September | 5,000 Bo/D |
| Sonangol | 4-41 1 | Congo Fan | Deepwater | Oil | September | N/A |
| Total | Canela 1 | Congo Fan | Deepwater | Oil | February | 6,800 Bo/D |
| Cameroon | | | | | | |
| Total | Bakingili Marine 1 | Niger Delta | Shelf | Oil | August | N/A |
| Congo | | | | | | |
| Total | Oegase Nord Marine 1 | Congo Fan | Deepwater | Oil | April | N/A |
| Equatorial Guinea | | | | | | |
| Amerada Hess | G-19 | Rio Muni | Deepwater | Oil | November | N/A |
| Marathon | Alba 18ST1 | Niger Delta | Shelf | Gas, Cond | May | 18.1 Mmcf/D, 1,000 Bc/D |
| Marathon | Corona 1 | Niger Delta | Shelf | Gas, Cond | August | N/A |
| Gabon | | | | | | |
| Shell | Damier 1 | S. Gabon Sub-Basin | Onshore | Oil | November | N/A |
| Shell | Koula 1 | S. Gabon Sub-Basin | Onshore | Oil | September | N/A |
| Vaalco | Avouma 1 | Lower Congo | Shelf | Oil | July | 6,600 Bo/D |
| Nigeria | | | | | | |
| Addax | Abaji Okolo 1 | Niger Delta | Shelf | Gas | June | N/A |
| Agip | Osiama Creek South 1 | Niger Delta | Swamp | Oil | June | N/A |
| Shell | Bonga North 1 | Niger Delta | Deepwater | Oil | January | N/A |
| Shell | Chobie 2 | Niger Delta | Swamp | Oil, Gas | June | N/A |
| Shell | JK-3 | Niger Delta | Shelf | Oil, Gas | September | N/A |
| Total | Preowei 1B | Niger Delta | Deepwater | Oil | March | N/A |
| South Africa | | | | | | |
| Forest | A-X 2 | Orange Sub-Basin | Deepwater | Gas | January | N/A |

Table 1. Significant discoveries during 2004 in Central and Southern Africa.

| Country Operator | Name | Basin | Location | Status | Completion | Test Data |
|----------------------|-------------------|-------------------------------|----------|----------------|------------|-------------------------------------|
| Algeria | | | | | | |
| First Calgary | Ledjmet Central 1 | Berkine | Onshore | Hydrocarbons | June | N/A |
| First Calgary | Ledjmet South 1 | Berkine | Onshore | Oil, Gas | November | 13,515 Bo/D, 30.9 Mmcf/D |
| First Calgary | Zemlet Cherguia 1 | Berkine | Onshore | Oil | May | 60m Net Oil Pay |
| Rosneft | Takouazet West 1 | Illizi | Onshore | Oil | March | N/A |
| Sonatrach | Behiret Aissa 1 | Hassi Messaoud (El Biod) High | Onshore | Oil, Gas | February | 4,445 Bo/D, 4.3 Mmcf/D |
| Sonatach | BKP 2 | Oued Mya | Onshore | Oil, Gas | November | 3,072 Bo/D, 21 Mmcf/D |
| Sonatrach | Brides Ouest 1 | Berkine | Onshore | Oil, Cond | March | 1,472 Bc/D |
| Sonatrach | Hassi Tidjerane 1 | Meharez-Oued-Namous Uplift | Onshore | Gas | May | 6 Mmcf/D |
| Chad | | | | | | |
| Encana | Mimosa 1 | Bongor Trough | Onshore | Oil | January | N/A |
| Egypt | | | | | | |
| Agiba | Bostan 1ST | Northern Egypt | Onshore | Oil | April | N/A |
| Apache | Hamra 1 | Abu Gharadiq | Onshore | Oil | August | N/A |
| Apache | Rahma 1 | Abu Gharadiq | Onshore | Oil | August | N/A |
| Ashpetco | Ashrafi K-1 | Gulf Of Suez | Offshore | Oil | May | N/A |
| BP | Polaris 1 | Nile Delta | Offshore | Gas | July | 26.5 Mmcf/D |
| BP | Raven 1ST | Nile Delta | Offshore | Gas, Cond | March | 37.4 Mmcf/D, 741 Bc/D |
| Genpetco | Bakr East 1 | Gulf Of Suez | Offshore | Oil | August | 2,000 Bo/D |
| Gupco | GS 373-4 | Gulf Of Suez | Offshore | Oil | June | |
| Gupco | NG 365-3 | Gulf Of Suez | Offshore | Oil | August | |
| Khalda | Imhotep 1 | Northern Egypt | Onshore | Gas, Cond | April | N/A |
| Khalda | Mihos 1 | Northern Egypt | Onshore | Gas, Cond | August | 41.8 Mmcf/D, 1,419 Bc/D |
| Medgas | Taurt 1 | Nile Delta | Offshore | Gas | April | 22 Mmcf/D |
| Merlon | Aga 1 | Northern Egypt | Onshore | Gas, Cond | June | 9.3 Mmcf/D, 19 Bc/D |
| Merlon | Batra South 4 | Nile Delta | Onshore | Gas, Cond | September | N/A |
| Merlon | Batra South 14 | Nile Delta | Onshore | Gas, Cond | August | 9.7 Mmcf/D, 150 Bc/D |
| Merlon | Batra South 15 | Nile Delta | Onshore | Gas | September | N/A |
| Petrobel | BL 113-A-24 | Gulf Of Suez | Offshore | Oil | August | 252 Bo/D |
| Petrobel | BM 85 | Gulf Of Suez | Onshore | Oil | March | 945 Bo/D |
| Petrobel | BM W 1 | Gulf Of Suez | Offshore | Oil | April | 441 Bo/D |
| Petrobel | Denise NW 1 | Nile Delta | Offshore | Gas | June | N/A |
| Qarun | Karama East 1 | Abu Gharadiq | Onshore | Oil | July | N/A |
| Shell | JD-1ST | Abu Gharadiq | Onshore | Oil | May | N/A |
| Shell | La-52-1 | Nile Delta | Offshore | Gas | February | N/A |
| Shell | Sheiba 18-3 | Abu Gharadiq | Onshore | Oil, Gas | May | 1,600 Bo/D, 0.9 Mmcf/D |
| Sipetrol | Ferdaus 1 | Abu Gharadiq | Onshore | Oil | March | 3,250 Bo/D |
| Sipetrol | Rawda 1 | Abu Gharadiq | Onshore | Oil | July | N/A |
| Suco | Ras Fanar B10 | Gulf Of Suez | Offshore | Oil | August | 3,000 Bo/D |
| Guinea Bissau | | | | | | |
| Premier | Sinapa 2 | Senegal (MSGBC) | Offshore | Oil | March | N/A |
| Libya | | | | | | |
| Repsol | G-001-NC186 | Murzuq | Onshore | Oil | January | N/A |
| Repsol | H-001-NC186 | Murzuq | Onshore | Oil | May | 1,350 Bo/D |
| Sirte | RRRR-001-006 | Sirte | Onshore | Gas, Cond | Active | N/A |
| Wintershall | P-001-097 | Sirte | Onshore | Oil | January | N/A |
| Wintershall | Q-001-097 | Sirte | Onshore | Oil | May | N/A |
| Wintershall | R-001-097 | Sirte | Onshore | Oil | August | N/A |
| Mauritania | | | | | | |
| Dana | Pelican 1 | Senegal (MSGBC) | Offshore | Gas | January | N/A |
| Woodside | Tevet 1 | Senegal (MSGBC) | Offshore | Oil, Gas | October | N/A |
| Sudan | | | | | | |
| WNPOC | Mala 1 | Muglad | Onshore | Oil | January | N/A |
| Tunisia | | | | | | |
| ENI | Dalia 1 | Ghadames | Onshore | Oil | July | 3,600 Bo/D |
| ENI | Hawa 1 | Ghadames | Onshore | Oil, Gas, Cond | January | 6,200 Bo/D, 14.3 Mmcf/D, 1,000 Bc/D |

Table 2. Significant discoveries during 2004 in Saharan Africa.

| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
|--------------------|-------------------|-----------------|----------|---------------|------------|----------------------------|
| Australia | | | | | | |
| Apache | Monet 1 | Carnarvon | Offshore | Oil | April | 20m gross oil column |
| BHP-Billiton | Stickle 1 | Carnarvon | Offshore | Oil | May | n/a |
| BHP-Billiton | Harrison 1 | Carnarvon | Offshore | Oil | May | n/a |
| BHP-Billiton | Eskdale 2 | Carnarvon | Offshore | Oil & gas | May | n/a |
| ChevronTexaco | Wheatstone 1 | N. Carnarvon | Offshore | Gas | August | 54 MMcfg/d |
| Santos | Bounty 2 | Carnarvon | Offshore | Oil | February | non commercial |
| Arc | Xyris 1 | Perth | Onshore | Gas | April | 15.5 MMcfg/d |
| Origin | Tarantula 1 | Perth | Onshore | Gas | July | n/a |
| Lakes | Wombat 1 | Gippsland | Onshore | Gas | February | 6 DSTs |
| Great Artesian | Nutmeg 1 | Cooper | Onshore | Gas/cond | February | 1.8 Mmcfg/d, 15 bc/d |
| Great Artesian | Paranta 1 | Cooper-Eromanga | Onshore | Oil/gas | March | 2 gas zones, 1 oil zone |
| Great Artesian | Smegsy 1 | Cooper | Onshore | Gas | August | n/a |
| Innamincka | Crocus 1 | Cooper-Eromanga | Onshore | Gas | August | n/a |
| Innamincka | Flax 1 | Cooper-Eromanga | Onshore | Oil,gas, cond | February | 21.9m net pay |
| Innamincka | Juniper 1 | Cooper-Eromanga | Onshore | Oil & gas | October | n/a |
| Innamincka | Willowie 1 | Cooper-Eromanga | Onshore | Gas | September | n/a |
| Innamincka | Yarrow 1 | Cooper-Eromanga | Onshore | Gas/cond | January | est 58 Bcf |
| Santos | Derrilyn 1 | Cooper-Eromanga | Onshore | Oil | June | two intervals productive |
| Santos | Galex 1 | Cooper-Eromanga | Onshore | Gas | October | n/a |
| Santos | Hebe 1 | Cooper-Eromanga | Onshore | Gas | January | Permian gas discovery |
| Santos | Maya 1 | Cooper-Eromanga | Onshore | Gas | October | n/a |
| Santos | Millswood 1 | Cooper | Onshore | Gas | April | n/a |
| Santos | Reg Sprigg West 1 | Cooper-Eromanga | Onshore | Oil/gas | June | three intervals productive |
| Santos | Yangtse 1 | Cooper-Eromanga | Onshore | Gas | October | n/a |
| Stuart | Arwon 1 | Cooper-Eromanga | Onshore | Oil | October | n/a |
| Stuart | Harpoons 1 | Cooper-Eromanga | Onshore | Oil | June | Murta producer |
| Victoria | Hornet 1 | Cooper-Eromanga | Onshore | Gas | September | n/a |
| Victoria | Ventura 1 | Cooper-Eromanga | Onshore | Oil | October | n/a |
| Santos | Martha 1 | Otway | Offshore | Gas | October | n/a |
| Woodside | Polkadot 1 | Bonaparte | Offshore | Gas | September | n/a |
| | | | | | | |
| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
| New Zealand | | | | | | |
| NZOP | Amokura 1 | Taranaki | Offshore | Oil | April | 12m gross oil column |
| NZOP | Pateke 2 | Taranaki | Offshore | Oil | August | 13m gross oil column |

Table 3. Significant discoveries during 2004 in Australasia.

| Country OPERATOR | Well Name | Basin | Location | Status | Completed | Test Data |
|-----------------------------|------------------------|--------------------------------------|----------|----------------|-----------|----------------|
| Austria | | | | | | |
| Rag | Burgstall | Molasse Basin | Onshore | Gas | April | N/A |
| Rag | Zagling | Molasse Basin | Onshore | Gas | May | N/A |
| Croatia | | | | | | |
| Edina | Izabela 1 | Adriatic Homocline | Onshore | Gas | July | N/A |
| Denmark | | | | | | |
| Amerada Hess | Katherine 1 | Viking Graben | Offshore | Hydrocarbons | June | N/A |
| France | | | | | | |
| Exxonmobil | Les Mimosas 1GD | Aquitaine Basin | Onshore | Oil | July | 1,600 Bo/D |
| Greece | | | | | | |
| Kavala Oil | Kalirahi 1 | Nestos-Prinos Sub-Basin | Offshore | Oil | January | Non-Commercial |
| Italy | | | | | | |
| Edison | Santa Maddalena 1dir | Ferrara-Romagna Arc | Onshore | Gas | June | N/A |
| Eni | Civita 1dir | Southern Apennines | Onshore | Gas | March | 2.6 Mmcf/D |
| Eni | Monte Dell'aquila 1dir | Sud-Tellian Atlas- Sicilian Apennine | Onshore | Gas/Cond | September | 3.5 Mmcf/D |
| Somicem | Tesoro1 | Ferrara-Romagna Arc | Onshore | Oil | March | 20-25o API |
| Spi | Monte Guzzo 1dir | Tuscany-Marche Apennine | Onshore | Gas | February | N/A |
| Netherlands Offshore | | | | | | |
| Gaz De France | G/14-3 | North-West German Basin | Offshore | Gas | February | N/A |
| Gaz De France | G/17-3 | North-West German Basin | Offshore | Gas | March | N/A |
| Wintershall | L/8-16 | Anglo-Dutch | Offshore | Gas | January | N/A |
| Norway | | | | | | |
| Exxonmobil | 16/1-7 | Viking Graben | Offshore | Oil | May | N/A |
| Marathon | 24/9-7 | Viking Graben | Offshore | Oil/Gas | March | N/A |
| Statoil | 6608/11-4 | Nordland Ridge | Offshore | Oil | May | N/A |
| Statoil | 6507/3-4 | Voring Basin | Offshore | Gas/Cond | April | N/A |
| Poland | | | | | | |
| Pgng | Cierpiz 2 | Outer Carpathian Foredeep | Onshore | Gas | September | 26.9 Mmcf/D |
| Pgng | Sierakow 1 | Fore-Sudetic Monocline | Onshore | Gas, Oil Shows | March | N/A |
| Pgng | Sowia Gora 1 | Fore-Sudetic Monocline | Onshore | Oil, Gas | May | 936 Bo/D |
| Pgng | Zaniemysl 3 | Fore-Sudetic Monocline | Onshore | Gas | February | 12.5 Mmcf/D |
| Romania | | | | | | |
| Falcon | Bilca 1 | Outer Carpathian Foredeep | Onshore | Gas | July | 6.4 Mmcf/D |
| Romgas | Chirpar Sud 1 | Transylvanian Basin | Onshore | Gas | March | 2.6 Mmcf/D |
| Romgas | Greci 1 | South Carpathian Basin | Onshore | Gas | March | N/A |
| Spain | | | | | | |
| Petroleum Oil & Gas | Marismas C-5 | Guadalquivir Basin | Onshore | Gas | March | N/A |
| United Kingdom | | | | | | |
| Egdon Resources | Waddocks Cross 2 | Dorset Basin | Onshore | Oil | June | N/A |
| Gaz De France | 44/17b-7 | Anglo-Dutch Basin | Offshore | Gas | April | N/A |
| Oilexco | 15/25b-6 | Witch Ground Graben | Offshore | Oil | January | N/A |
| Paladin | 22/23a-7 | Central Graben | Offshore | Oil | June | N/A |

Table 4. Significant discoveries during 2004 in Europe

| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
|-----------------------|--------------------------|------------------|----------|----------------|------------|----------------------------------|
| BANGLADESH | | | | | | |
| Tullow | Bangora 1 | Bengal Delta | Onshore | Gas | November | 120 MMcfg/d |
| Tullow | Lalmai 3 | Bengal Delta | Onshore | Gas | June | 8.6 MMcfg/d |
| BRUNEI | | | | | | |
| BSP | Seria North Flank 1 | Baram Delta | Offshore | Oil & gas | October | n/a |
| CHINA | | | | | | |
| CNOOC - Shenzhen | Huizhou 26-3 1 | PRM | Offshore | Oil & gas | May | 1,400 bo/d, 2 MMcfg/d |
| CNOOC - Tainjin | Jinzhou 21-1S 1 | Bohai Gulf | Offshore | Oil & gas | July | 700 + 500 bo/d |
| Devon | Panyu 11-6 1 | PRM | Offshore | Oil | November | n/a |
| Kerr-McGee | Caofeidian 14-5 1D | Bohai Gulf | Offshore | Oil | October | n/a |
| Petrochina - Jidong | Laopunan 1 | Bohai Gulf | Offshore | Oil & gas | October | 4,402 bo/d, 5.6 MMcfg/d |
| Petrochina - Jidong | Nanpu 1 | Bohai Gulf | Offshore | Oil | November | n/a |
| Petrochina - Liaoning | Magu 1 | Bohai Gulf | Onshore | Oil & gas | January | 131 bo/d, 2 MMcfg/d |
| Petrochina - Qinghai | Mabei 3 | Qaidam | Onshore | Oil & gas | February | 64 bo/d |
| Petrochina - Qinghai | Maxi 1 | Qaidam | Onshore | Gas | May | 5.7 MMcfg/d |
| Petrochina - Qinghai | Dongde 1 | Qaidam | Onshore | Oil | April | 272 bo/d |
| Petrochina - Sichuan | Banan 1 | Sichuan | Onshore | Gas | April | 12.3 MMcfg/d |
| Petrochina - Sichuan | Qilibei 1 | Sichuan | Onshore | Gas | September | 28.2 MMcfg/d |
| Petrochina - Sichuan | Kuang 1 | Sichuan | Onshore | Gas | June | 0.9 Mmcfg/d |
| Petrochina - Sichuan | Zhangjia | Sichuan | Onshore | Gas | November | 0.9 Mmcfg/d |
| Petrochina - Xinjiang | Mo 10 | Junggar | Onshore | Oil & gas | March | 138 bo/d, 3.5 MMcfg/d |
| Petrochina - Xinjiang | Mo 12 | Junggar | Onshore | Oil & gas | July | 205 bo/d |
| Petrochina - Xinjiang | Dixi 10 | Junggar | Onshore | Oil & gas | March | 20 bo/d, 6.8 MMcfg/d |
| Petrochina - Xinjiang | Shinan 31 | Junggar | Onshore | Oil & gas | June | 288 bo/d |
| Petrochina - Tarim | Tazhong 58 | Tarim | Onshore | Oil & gas | February | 874 bo/d, 1.6 MMcfg/d |
| Petrochina - Tarim | Lungu 38 | Tarim | Onshore | Oil & gas | January | 1,053 bo/d, 15.9 MMcfg/d |
| Petrochina - Tarim | Lungu 39 | Tarim | Onshore | Oil & gas | September | 355 bo/d, 41.3 MMcfg/d |
| Petrochina - Tarim | Lunnan 63 | Tarim | Onshore | Oil & gas | June | 11 bo/d, 8.8 MMcfg/d |
| Sinopec - DQG | Shuang 1 | Nanpanjiang | Onshore | Gas | May | n/a |
| Sinopec - DQG | Feng 1 | Qujiang | Onshore | Gas | March | 3.6 MMcfg/d |
| Sinopec - Huanan | Shuangmiao 1 | Sichuan | Onshore | Gas | July | 3.5 MMcfg/d |
| Sinopec — Shengli | Gubeigu 1 | Bohai Gulf | Onshore | Gas | February | 1.9 MMcfg/d |
| Sinopec — Jiangnan | Ban 1 | Jiangnan | Onshore | Oil | August | 29 bo/d |
| Sinopec — Jiangnan | Wan 5X | Jiangnan | Onshore | Oil | February | 99 bo/d |
| Sinopec — Star | Yugi 4 | Tarim | Onshore | Oil & gas | August | 944 bo/d, 1.8 MMcfg/d |
| Sinopec — W. Frontier | Cheng 1 | Junggar | Onshore | Oil | April | N/A |
| Sinopec — W. Frontier | Yong 1 | Junggar | Onshore | Oil & Gas | August | 453 Bo/D, 0.3 Mmcfg/D |
| Sinopec — W. Frontier | Pai 1 | Junggar | Onshore | Oil | January | N/A |
| Sinopec — Zhongyuan | Mao 3 | Inggen | Onshore | Oil | September | 12 Bo/D |
| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
| India | | | | | | |
| Caim | CB-X-1 | Cambay | Onshore | Gas | February | N/A |
| Caim | N-A-1 | Rajasthan | Onshore | Oil | February | 2,000 Bo/D |
| Caim | N-B-1 (Mangala) | Rajasthan | Onshore | Oil | February | 2,837 Bo/D |
| Caim | N-C-1 | Rajasthan | Onshore | Oil | April | N/A |
| Caim | N-R-1 | Rajasthan | Onshore | Oil | August | N/A |
| Caim | N-V-1 | Rajasthan | Onshore | Oil | August | N/A |
| Gspcl | Pk-2 | Cambay | Onshore | Oil | August | 1,200 Bo/D |
| Oil | Chandmari North 1 | Upper Assam | Onshore | Gas | February | N/A |
| Ongc | G-4-2 | Krishna-Godavari | Offshore | Gas | March | 14.42 Mmcfg/D |
| Ongc | Sonamura A | Tripura | Onshore | Gas | January | N/A |
| Reliance | B-1 | Mahanadi | Offshore | Gas | October | N/A |
| Reliance | D6-K-1 | Krishna-Godavari | Offshore | Gas | January | N/A |
| Reliance | D6-K-2 | Krishna-Godavari | Offshore | Gas | March | 30 Mmcfg/D |
| Reliance | D6-M-1 | Krishna-Godavari | Offshore | Gas | July | 23.7 Mmcfg/D |
| Reliance | Dhirubhai 10 | Mahanadi | Offshore | Gas | February | N/A |
| Reliance | Dhirubhai 11 | Mahanadi | Offshore | Gas | April | N/A |
| Reliance | Dhirubhai 15 (A2) | Mahanadi | Offshore | Gas | July | 15.8 Mmcfg/D |
| Indonesia | | | | | | |
| Caltex | Arca 1 | Central Sumatra | Onshore | Oil | March | 691 Bo/D |
| Eni | Aster 1 | Tarakan | Offshore | Oil, Gas | November | N/A |
| Kondur | MS EA-1 | Central Sumatra | Onshore | Oil | July | 550 Bo/D |
| Petrochina | Betara West 1 | South Sumatra | Onshore | Oil, Gas, Cond | August | 312 Bo/D, 10.4 Mmcfg/D, 468 Bc/D |
| Petrochina | Piano West 1 | South Sumatra | Onshore | Oil, Gas | May | 1,060 Bo/D, 5.2 Mmcfg/D |
| Petrochina | Wakamuk 1 | Salawati | Onshore | Oil | August | 237 Bo/D |
| Pt Medco | Fariz 1 | South Sumatra | Onshore | Gas/Cond | May | 6.8 Mmcfg/D, 61 Bc/D |
| Pt Medco | Sarinah 1 | South Sumatra | Onshore | Gas | September | 8.26 Mmcfg/D |
| Pt Pertamina | Karang Baru 1 | West Java | Onshore | Oil, Gas | January | 1,050 Bo/D, 2.5 Mmcfg/D |
| Pt Pertamina | Kenawang P-1 | South Sumatra | Onshore | Oil, Gas | February | N/A |
| Pt Pertamina | Maleo Raja 1 | Banggai | Onshore | Gas/Cond | July | 11.69 Mmcfg/D, 122 Bc/D |
| Pt Pertamina | Suban Barat 1 | South Sumatra | Onshore | Gas/Cond | April | 36.6 Mmcfg/D, 278 Bc/D |
| Pt Pertamina | Sukamaju 1 st | Banggai | Onshore | Oil, Gas, Cond | April | 16.2 Mmcfg/D, 195 Bc/D |
| Pt Pertamina | Tegal Taman 1 | West Java | Onshore | Oil, Gas | May | 377 Bo/D, 3.81 Mmcfg/D |
| Pt Pertamina | Terang Jaya 1 | South Sumatra | Onshore | Oil, Gas | January | N/A |
| Pt Pertamina | Northeast 1 | Salawati | Onshore | Gas/Cond | March | 4.11 Mmcfg/D, 480 Bc/D |
| Santos | Jeruk 1 ST | East Java | Offshore | Oil, Gas | March | 4,700 Bo/D, 0.3 Mmcfg/D |
| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
| Pakistan | | | | | | |
| Bp | Ali Zaur 1 | Indus | Onshore | Oil | April | 220 Bo/D |
| Bp | Fateh Shah 1 | Indus | Onshore | Gas | March | 12 Mmcfg/D |
| Bp | Fateh Shah North 1 | Indus | Onshore | Gas | September | 6.58 Mmcfg/D |
| Ogdc | Dars West 1 | Indus | Onshore | Gas, Cond | August | 7.4 Mmcfg/D, 540 Bc/D |
| Ogdc | Lala Jamalai | Indus | Onshore | Gas, Cond | March | 11.2 Mmcfg/D 560 Bc/D |
| Opi | Ali 1 | Indus | Onshore | Gas, Cond | July | 16.89 Mmcfg/D, 208 Bc/D |
| Opi | Sidiq 1 | Indus | Onshore | Gas | June | Non-Commercial |
| Opi | Umar 1 | Indus | Onshore | Oil, Gas | February | 1,700 Bo/D, 0.9 Mmcfg/D |
| Opi | Usman 1 | Indus | Onshore | Gas | January | 48 Mmcfg/D |
| Malaysia | | | | | | |
| Carigali | Angsi C-03 | Malay | Offshore | Oil | March | N/A |
| Carigali | Banang 1 | Malay | Offshore | Oil & Gas | September | N/A |
| Carigali | Suriya Seletan 1 | Malay | Offshore | Gas/Cond | July | N/A |
| Cs Mutiara | Bunga Zetung 1 | Malay | Offshore | Gas | July | N/A |
| Murphy | Kenarong 1ST | Malay | Offshore | Oil, Gas | May | N/A |
| Murphy | Kakap 1 | Beram Delta | Offshore | Oil | June | N/A |
| Murphy | Kikeh 7ST1 | Beram Delta | Offshore | Oil | April | N/A |
| Murphy | Pertang 1 | Malay | Offshore | Gas | July | N/A |
| Murphy | Senangin 1 | Baram Delta | Offshore | Oil | September | N/A |
| Murphy | Serampang 1 | Balingian | Offshore | Gas | October | N/A |
| Petronas | Inas Deep 1 | Malay | Offshore | Oil, Gas | March | N/A |
| Myanmar | | | | | | |
| Daewoo | Shwe 1ST | Rakhine | Offshore | Gas | January | 32 Mmcfg/D |
| Thailand | | | | | | |
| ChevronTexaco | Chaba 3 | Pattani Trough | Offshore | Oil & Gas | June | N/A |
| ChevronTexaco | Lanta 1 | Pattani Trough | Offshore | Oil, Gas | June | N/A |
| Pttep | Arthit 14-8x | Gulf Of Thailand | Offshore | Gas | April | N/A |
| Pttep | Arthit 15-11 | Gulf Of Thailand | Offshore | Gas | February | N/A |
| Pttep | Arthit 15-13 | Malay | Offshore | Gas | March | N/A |
| Pttep | Arthit 15-14x | Gulf Of Thailand | Offshore | Gas | April | N/A |
| Pttep | Arthit 15-15 | Malay | Offshore | Gas | May | N/A |
| Svs Energy | Pk 1 | Surat-Khiensa | Onshore | Gas | March | N/A |
| Unocal | Kung North 1 | Pattani Trough | Offshore | Oil & Gas | August | N/A |
| Unocal | Ranong East 1 | Pattani Trough | Offshore | Gas | August | N/A |
| Vietnam | | | | | | |
| Lsjoc | 02/97-Amsw 1x | Cuu Long | Offshore | Oil, Gas | July | N/A |
| Petronas | Azurite 1X | Cuu Long | Offshore | Oil | February | 500 Bo/D |
| Tsjoc | 46/02-Rt 1x | Malay | Offshore | Oil & Gas | October | N/A |
| Tsjoc | 46/02-Tg 1x | Malay | Offshore | Oil | August | N/A |
| Unocal | 52/97-TH 2X | Malay | Offshore | Gas | June | N/A |
| Unocal | 52/97-VD 1X | Malay | Offshore | Gas | May | N/A |
| Vietsovpetro | 09-R-23X | Cuu Long | Offshore | Oil | July | N/A |
| Vrj | 09-3-Dm 1x | Cuu Long | Offshore | Oil | June | 250 Bo/D |

Table 5. Significant discoveries during 2004 in the Far East.

| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
|------------------|--------------------------|---------------------|----------|-----------|------------|-------------------------|
| Argentina | | | | | | |
| Astra | Grimbeek Este 1 | San Jorge | Onshore | Gas | January | N/A |
| Chevron | Cerro Convento Sur 1 | Austral | Onshore | Gas, Cond | February | 10 Mmcfg/D, 122 Bc/D |
| Pepsa | Puesto Oliverio 1001 | Austral | Onshore | Gas, Cond | August | 2.9 Mmcfg/D, 189 Bc/D |
| Pioneer | Anticlinal Campamento E1 | Neuquen | Onshore | Gas | March | 2.9 Mmcfg/D |
| Pioneer | Anticlinal Campamento S1 | Neuquen | Onshore | Gas | March | 5.7 Mmcfg/D |
| Pioneer | Ranquil-Co Norte (Pi) 1 | Neuquen | Onshore | Gas | January | 3.5 Mmcfg/D |
| Tecpetrol | Los Bastos Sur 1001 | Neuquen | Onshore | Gas | March | 9.5 Mmcfg/D |
| Techpetrol | Paso De Indio 1001 | Neuquen | Onshore | Gas, Cond | March | 15 Mmcfg/D, 245 Bc/D |
| Ypf | Las Tolderias 1 | Neuquen | Onshore | Gas, Cond | January | 3.7 Mmcfg/D, 38 Bc/D |
| Ypf | Pampa Verde 1 | Neuquen | Onshore | Oil | April | 109 Bo/D |
| Bolivia | | | | | | |
| Chaco | Percheles X-1001 | Chaco | Onshore | Gas, Cond | July | N/A |
| Brazil | | | | | | |
| Devon | 1-DEV-004-RJS | Campos | Offshore | Oil | July | N/A |
| Petrobras | 1-CPS-003-ES | Espirito Santo | Offshore | Oil | March | N/A |
| Petrobras | 1-FJU-001D-AL | Sergipe-Alagoas | Onshore | Gas | May | N/A |
| Petrobras | 1-LOG-002-RN | Potiguar | Onshore | Oil | February | N/A |
| Petrobras | 1-MPE-005DP-BA | Reconcavo | Onshore | Oil | May | N/A |
| Petrobras | 4-ABL-030A-RJS | Campos | Offshore | Oil | August | N/A |
| Petrobras | 4-ESS-132 | Espirito-Santo | Offshore | Oil | January | N/A |
| Petrobras | 4-ESS-134 | Espirito-Santo | Offshore | Oil | January | N/A |
| Colombia | | | | | | |
| Braspetro | Espino 1 | Upper Magdalena | Onshore | Oil | April | N/A |
| Emerald | Campo Rico 1 | Llanos-Barinas | Onshore | Oil | February | 250 Bo/D |
| Hupecol | Bengala 2 | Llanos Sub-Basin | Onshore | Oil | June | N/A |
| Mercantile | Ambrosia 1 | Middle Magalena | Onshore | Oil | April | N/A |
| Mercantile | Rio Opia 1 | Middle Magdalena | Onshore | Oil | March | 370 Bo/D |
| Perenco | Jordan Este 1 | Llanos-Barinas | Onshore | Oil | March | 1,877 Bo/D |
| Cuba | | | | | | |
| Repsol YPF | Yamagua 1 | Flor./Bah. Platform | Offshore | Oil | July | Non-Commercial |
| Ecuador | | | | | | |
| Oepc | Paka Sur 1 | Napo | Onshore | Oil | August | 100 Bo/D |
| Oepc | Yanaquincha Sur 1 | Napo | Onshore | Oil | February | 100 Bo/D |
| Guatemala | | | | | | |
| Perenco | Yalcanix 1 | Contract Area 1-97 | Onshore | Oil | March | N/A |
| Mexico | | | | | | |
| Pemex | Akita 1 | Burgos | Onshore | Gas | June | N/A |
| Pemex | Azabache 1 | Burgos | Onshore | Gas, Cond | February | N/A |
| Pemex | Bayo 1 | Burgos | Onshore | Gas, Cond | June | N/A |
| Pemex | Casta 1 | Burgos | Onshore | Gas, Cond | April | 5 Mmcfg/D, 56 Bc/D |
| Pemex | Forastero 1 | Sabinas | Onshore | Gas, Cond | January | 15.4 Mmcfg/D, 5 Bc/D |
| Pemex | Garante 1 | Gulf Coast | Onshore | Gas | May | N/A |
| Pemex | Itla 1 | Sureste | Offshore | Oil, Gas | November | 1,350 Bo/D, 0.9 Mmcfg/D |
| Pemex | Kosni 1 | Tampico-Misantlq | Offshore | Gas | April | 29.4 MMCFG/D |
| Pemex | Kosni 101 | Mex.Ridges | Offshore | Gas | July | N/A |
| Pemex | Lankahuasa DL-2 | Tampico-Misantla | Offshore | Gas | March | N/A |
| Pemex | Lerma 201 | Burgos | Onshore | Gas, Cond | June | 15 Mmcfg/D, 55 Bc/D |
| Pemex | Men 1 | Campecehe | Offshore | Gas | November | 20 Mmcfg/D |
| Pemex | Nejo 101 | Burgos | Onshore | Gas, Cond | March | Non-Commercial |
| Pemex | Nu 1 | Gulf Coast | Offshore | Gas | February | N/A |
| Pemex | Numan 1 | Sureste | Offshore | Oil | May | N/A |
| Pemex | Pame 1 | Burgos | Onshore | Gas | January | 20 Mmcfg/D |
| Pemex | Pergamino 1 | Burgos | Onshore | Gas, Cond | March | N/A |
| Pemex | Reloj 1 | Burgos | Onshore | Gas | March | 1 Mmcfg/D |
| Pemex | Santander 1 | Burgos | Onshore | Gas | May | 3.4 Mmcfg/D |
| Pemex | Talud 1 | Burgos | Onshore | Gas | January | 1.2 Mmcfg/D |
| Pemex | Utan 1 | Sureste | Onshore | Gas | February | 4.1 Mmcfg/D |
| Venezuela | | | | | | |
| ChevronTexaco | Loran 2X | Trinidad | Offshore | Gas | October | 30 Mmcfg/D |
| ConocoPhillips | Tiburón 1X | Posa Sub-Basin | Offshore | Oil | April | N/A |
| PDVSA | Travi Este 2X | Maturin | Offshore | Oil | November | 4,694 Bo/D |

Table 6. Significant discoveries during 2004 in Latin America.

| Country Operator | Name | Basin | Location | Status | Completion | Test Data |
|---------------------|--------------------|--------------------------|----------|-----------|------------|------------------------|
| Iran | | | | | | |
| Edison | Sehqanat Deep 1 | Zagros Fold Belt | Onshore | Oil | June | N/A |
| Nioc | Marun 288 | Zagros Fold Belt | Onshore | Gas | January | N/A |
| Shengli | Aran 1 | Qom | Onshore | Oil | February | 4,000 Bo/D |
| Kuwait | | | | | | |
| Koc | Bahrah 28 | Dibdibah Sub-Basin | Onshore | Oil | August | 4,850 Bo/D |
| Koc | Dharif 12 | Dibdibah Sub-Basin | Onshore | Oil | September | N/A |
| Koc | Kahloolah 1st1 | Dibdibah Sub-Basin | Onshore | Oil | August | 1,850 Bo/D |
| Koc | Mutriba 12 | Dibdibah Sub-Basin | Onshore | Gas, Cond | July | |
| Koc | Ruhaya 2 | Dibdibah Sub-Basin | Onshore | Oil, Cond | January | 5,400 Bc/D |
| Oman | | | | | | |
| Pdo | Mamour 1 | Oman | Onshore | Oil | January | N/A |
| Pdo | Malaan 2st1 | Oman | Onshore | Oil | January | N/A |
| Oxy | Jalal North 1 | Oman | Onshore | Oil | May | N/A |
| Saudi Arabia | | | | | | |
| Aramco | Abu Sidr 1 | Central Arabian Province | Onshore | Oil | November | 3,000 Bo/D |
| Aramco | Shaybah 700 | Rub Al Khali Prvince | Onshore | Gas, Cond | June | 20 Mmcf/D, 650 Bc/D |
| Syria | | | | | | |
| Spc | Harbaja 1 | Western Arabia Province | Onshore | Oil, Gas | September | 44 Bo/D |
| Spc | Madar 101 | Palmyra Zone | Onshore | Oil, Gas | June | N/A |
| Spc | Turkmaniah South 1 | Palmyra Zone | Onshore | Oil | September | 7 Bo/D |
| Turkey | | | | | | |
| Madison | Ayazli 1 | Pontids | Onshore | Gas | September | 15 Mmcf/D |
| Thrace | Mavu Marmara 1 | Thrace-Gallipoli | Onshore | Gas | June | N/A |
| Yemen | | | | | | |
| Calvalley | Al Roidhat 2 | Mukalla High | Onshore | Oil | April | N/A |
| Dno | Nabrajah 1 | Sir-Sayun | Onshore | Oil, Gas | March | 1,973 Bo/D, 2.4 Mmcf/D |
| Dno | Nabrajah 2 | Sir-Sayun | Onshore | Oil, Gas | October | 1,427 Bo/D |
| Mol | Balharak South 1 | Marib-Al Jawf-Shabwah | Onshore | Oil | March | 54 Bo/D |
| Nexen | Bashir Al Khair 1 | Sir-Sayun | Onshore | Oil | August | N/A |
| Nexen | Jabal Alaod 1 | Sir-Sayun | Onshore | Oil | October | N/A |
| Nexen | Ressib 2 | Sir-Sayun | Onshore | Oil | June | N/A |

Table 7. Significant discoveries during 2004 in the Middle East.

| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
|------------------|------------------------------|--------------------|----------|----------|------------|------------|
| Canada | | | | | | |
| TexacoChevron | Langley K-30 | Mackenzie Delta | Onshore | Gas | P&A | 18 MMcfg/d |
| USA | | | | | | |
| Anadarko | AT 349 1 (Jubilee) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Anadarko | DC 621 1 (Spiderman) | Gulf of Mexico | Offshore | Oil, gas | P&A | n/a |
| Anadarko | LL 50 1 (Atlas) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| BP | MC 725 1BP01 (Tubular Bells) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| BHP | GC 195 1 (Tiger) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| BHP | WR 469 1 (Chinook) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| ChevronTexaco | AT 183 1 (Sturgis) | Gulf of Mexico | Offshore | Gas, oil | P&A | n/a |
| ChevronTexaco | WR 759 1 (Jack) | Gulf of Mexico | Offshore | Oil | Susp | n/a |
| ChevronTexaco | VK 830 1 (Persus) | Gulf of Mexico | Offshore | Oil | Susp | n/a |
| ConocoPhillips | GC 199 1BP02 (Lorien) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| Devon | GB 700 1BP1 (Shiner Deep) | Gulf of Mexico | Offshore | Oil | Susp | n/a |
| Dominion | DC 618 1 (San Jacinto) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Dominion | MC 296 1 BP01 (Rigel) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Dominion | MC 734 1 (Thunder Hawk) | Gulf of Mexico | Offshore | Oil | Susp | n/a |
| Dominion | MC 771 5 STO1 (Goldfinger) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| Kerr-McGee | GC379 2STO1 (Hornet) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| Kerr-McGee | GC 768 1 (Ticonderoga) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| Pioneer | EB 623 SS3 (Tomahawk) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Pioneer | EB 668 SS1 (Raptor) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Pioneer | EB 759 SS1 (Hunter) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Spinnaker | MC751 ST01 (Goose) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| Unocal | AC 859 1 (Togabo) | Gulf of Mexico | Offshore | Oil | Susp | n/a |
| Unocal | WR 678 2 (St Malo) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| Westport | MC 707 1 (Valley Forge) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| W & T | GC 178 1 (Baccarat) | Gulf of Mexico | Offshore | Gas | P&A | n/a |
| W & T | GC 646 1 (Daniel Boone) | Gulf of Mexico | Offshore | Oil | P&A | n/a |
| Wolverine | 17-1 Kings Meadow Ranches | Western Overthrust | Onshore | Oil | April | 700b/d |

Table 8. Significant discoveries during 2004 in North America.

| Country Operator | Well Name | Basin | Location | Status | Completion | Test Data |
|---------------------|---------------------|-------------------|----------|----------|------------|--|
| Russia | | | | | | |
| Aganeftegaz | Tukanskaya 64 | Western Siberia | Onshore | Oil | June | 460 bo/d |
| Aganeftegaz | Amputinskaya Zap 33 | Western Siberia | Onshore | Oil | August | 600 bo/d |
| BP/Rosneft | Pela Lache 1 | Sakhalin Island | Offshore | Oil, gas | November | not tested |
| Lukoil | Oktyabrskaya Yuzh 2 | Baltic Depression | Onshore | Oil | January | 812 bo/d from Cambrian |
| Lukoil | Ozerskaya Sev 1 | Baltic Depression | Onshore | Oil | Mid year | n/a |
| Turkmenistan | | | | | | |
| Turkmengeologiya | Bossan 1 | Murgab Sub-basin | Onshore | Oil | July | 140 bo/d from Callovian/Offordian |
| Uzbekistan | | | | | | |
| Uzbekneftgaz | Ispanly Sharkiy 1 | Amu-Darya | Onshore | Oil/gas | April | 1 Mmcf/d, 95 bo/d from Callovian/Oxfordian |

Table 9. Significant discoveries during 2004 in Russia, Turkmenistan, and Uzbekistan.