UNITED STATES DEPARTMENT OF INTERIOR

U.S. GEOLOGICAL SURVEY

# World Conventional Crude Oil and Natural Gas: Identified Reserves, Undiscovered Resources and Futures

by

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TABLE OF CONVERSIONS TO SI UNITS

| multiply unit | by | to obtain metric unit |
|---|---|---|
| barrel | 0.159 | cubic meter |
| cubic foot | 0.02832 | cubic meter |
| foot | 0.3048 | meter |

Unit Abbreviations

BBO .....Billions of barrels of oil

MMBO.....Millions of barrels of oil

MMBOE .. Millions of barrels of oil equivalent

TCF ...Trillions cubic feet gas

mcf ....Thousands cubic feet gas

bbl ..... Barrels

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## ABSTRACT

This report summarizes, at the petroleum basin level, the United States Geological Survey's World Energy Program 1993 assessment of world conventional oil and gas resources. The maps provided show boundaries of petroleum basins that are referenced by the assessment, as well as, future oil and gas potential. The "Futures" or future potential of a basin is calculated as the the sum of the Identified Reserves and the modal value assigned to the conventional Undiscovered Resources.

## I. INTRODUCTION

The United States Geological Survey's (USGS) World Energy Program 1993 conventional oil and gas resource assessment of world petroleum basins[1] outside the United States is reported here. The assessment was initially presented on a country basis at the 14th World Petroleum Congress (see Masters and other, 1994). The assessment of each petroleum basin, however, was not published at that time. With the October 1997 publication of the Oil and Gas Journal article entitled "World Resource Statistics Geared for Electronic Access" (Masters and others, 1997) and the activation of the website:

"http:/energy.er.usgs.gov/products/papers/world_oil/index.htm "

the basin level assessment and the associated basin boundaries were made public. Two elements of the website, the basin level assessment of oil and gas volumes and the associated petroleum basin "Futures" maps are presented here. The "Futures" or future potential of a basin is calculaed the sum of the estimate of Identified Reserves and the mode (most likely value) of the distribution of the assessed conventional Undiscovered Resource (see Table 1 and 2).

## II. ASSESSMENT

Assessments of Identified Reserves and Undiscovered Resources of the world were prepared for the 11th, 12th, 13th, and 14th World Petroleum Congresses (Masters and others, 1984, 1987, 1992, 1994). Table 1 and Table 2 provide components of the assessment of conventional undiscovered oil and gas resources, respectively, by country and basin. Conventional Undiscovered Resources (as used here) are oil and gas resources postulated to exist from geologic information and theory outside of known oil and (or) gas fields and that, if found, could be extracted using traditional development practices. Estimates are made without reference to economic profitability. Identified Reserves, also shown for each country and some basins in Table 1 and Table 2, include *proved reserves* and may also include additional petroleum that could be contributed by *field growth* through field extensions, revisions of reserve estimates, addition of new pools, and applications of new recovery techniques. *Proved reserves* are the identified resource

[1] In this report the term basin is used interchangably with province.

whose existence, quantity, and commercial producibility are demonstrated by geologic evidence and supported by engineering measurements. This definition is more inclusive than the accepted US definition of proved reserves.

**Assessment Procedure For Undiscovered Oil and Gas Resources**

World Energy Program assessments of undiscovered oil and gas resources dealt only with areas outside the United States and Canada. The assessment of the Undiscovered Resources was prepared by applying a modified Delphi method (Masters and others, 1992). The procedure started with a compilation of the geologic framework information and geologic data associated with the petroleum basin or province to be evaluated. Geologic information and data were analyzed both qualitatively and quantitatively to reconstruct geologic events that related to petroleum generation and accumulation. Historical discovery and drilling data were used to calculate finding rates and make projections. Where data were limited, the assessment team found an analogue basin which served as a model of the area that was assessed. The petroleum geology, interpretations, and quantitative analysis of historical exploration and discovery data were presented to six to eight members of the World Energy Resources Program Team for evaluation.

After discussion, each Team member prepared estimates of the basin's undiscovered resources. Estimates were recorded as a low, most likely, and high. The low value was interpreted to represent a 19 in 20 chance (95%) that oil (or gas) occurrence would be at least that amount and the high value reflects a 1 in 20 chance (5%) that oil (or gas) occurrence would be at least that value. The range between the 95% and 5% values reflects the belief there is a 90% probability that the actual magnitude of oil occurrence is within the endpoints of the range. If estimates showed broad disagreement, discussion of the geologic data and interpretations was continued and the estimation procedure was repeated until the group reached a consensus. Estimates were then fit using rules of thumb to a lognormal distribution to calculate a mean and other fractiles. Individual basin estimates were aggregated to the country level, then to the regional and world levels. All estimates are prepared on the basis of technically recoverable oil or gas. Estimates and basin outlines for Canada were transmitted from the Energy Board of Canada (personal communication to Charles Masters, Ken Drummond, 1993). Also, the updated assessment for the Former Soviet Union presented in Ulmishek and Masters (1993) is used here instead of the estimates presented at the 14th World Petroleum Congress.

**Undiscovered Conventional Oil and Gas Resources of the United States**

The assessment presented to the 14th World Petroleum Congress was prepared before completion of the 1995 USGS National Assessment (USGS, 1995). In Tables 1 and 2, *the United States country total* estimates are based the joint 1989 USGS/ Minerals Management Service (MMS) national assessment published in Mast and others (1989). However, at the province level for US onshore and State waters areas, the province names and boundaries were based on 1995 USGS National Assessment of Oil and Gas Resources (USGS National Oil and Gas Assessment Team, 1995) and Gautier and others (1996). Estimates of the *modal values* of conventional undiscovered oil and gas for these provinces were formulated by C. Masters using data presented in USGS Circular 1118

(USGS National Oil and Gas Assessment Team, 1995). Province boundaries shown on the maps for Federal Offshore areas are based on the 1989 USGS/MMS National Assessment. The province level assessments of the modal values for Federal Offshore areas were also based data from the 1989 USGS/MMS National Assessment. A complete list of the US provinces with their designation as either onshore and States waters or Federal offshore is provided in Appendix A.

**Estimation of Identified Reserves Outside the United States and Canada**

There is no generally accepted standard for defining reserves. The broad definition of reported reserves used by many countries is the magnitude of the technically recoverable in-place resource based on standard recovery factors or preliminary well tests. The broad definition includes developed and undeveloped reserves and makes no reference to commercial producibility. When broad definitions of reserves are used, upward revisions in estimates of field recovery are typically only moderate. Without generally accepted reporting standards, it is difficult to interpret and verify estimates of country reserves reported in trade journals.

For countries outside the United States and Canada, the initial data used in the computations of Identified Reserves were from the Petroconsultants field file issued in September of 1993 (Petroconsultants, 1993). Field data are the preferred level of data disaggregation because it allows the most thorough verification and fields are commonly classified by petroleum basin. It was also reasoned that data from a common source would be consistently estimated. Individual field estimates of ultimate oil recovery were reviewed. For some fields detailed engineering information and results of published and unpublished field studies were available. Field production histories and estimates of cumulative production were also used in the review. For example, given that the rate of production decline in large oil fields is commonly less than 7 percent per year, field reserve estimates were adjusted upward, if necessary, to obtain a 14 to 1 reserve to annual production ratio. For newly discovered fields, if no production information was available, the Petroconsultants' estimate of ultimate recovery was used without review. For gas fields production was rarely available, so the Petroconsultants' estimates were generally used. Field estimates of ultimate producible oil and gas were aggregated by petroleum basin and country.

Identified Reserves were computed as the difference between ultimately recoverable oil and gas and the country's cumulative production of oil and gas. Cumulative oil production data were compiled from World Oil (1993) and Twentieth Century Petroleum Statistics (DeGoyer and McNaughton, 1993). Early gas production data were from the United Nations (1976). More recent gas production estimates made by Cedigaz Inc.[2] are published annually in the Petroleum Economist (various years). The calculated Identified Reserves were then compared to reserves as of 1/1/93 published by World Oil (1993) and the Oil and Gas Journal (1992). A country by country comparison indicated, in many cases, estimates of Identified Reserves were somewhat higher than the published estimates. In all such cases, Petroconsultants listed non-producing fields which were probably omitted in the World Oil and Oil and Gas Journal compilations. The larger reserve estimates based on the field file were used.

[2] Cedigaz.1 av. de Bois-Preau - B.P. 311 92506 Rueil Malmasion Cedex, France.

In a few instances, published estimates of reserves in trade journals exceeded the reserve estimates derived from the field data. For oil, these countries included the Former Soviet Union(FSU), Saudi Arabia, and several small Eastern European and Asia producers. For the FSU, the Identified Reserve estimate published in Ulmishek and Masters (1993) was used. These authors note their estimate to include significantly more than proved reserves. With regard to Saudi Arabia, 66 billion barrels of oil included in the published reserve number could not be accounted for using field data. The trade journal estimates for Saudi Arabia and the smaller producers were used as the Identified Reserves.

For gas, the countries where field data were incomplete included Venezuela, Austria, Italy, Qatar, Abu Dhabi, Libya, Nigeria, Congo, Rwanda, Tanzania, Mexico, Poland, and Romania. For these countries, the reserve estimates were taken from the Cedigaz estimates published in the Petroleum Economist (1993). Together the use of the Cedigaz estimates for these countries increased the world total about 7 percent more than the total gas that could be identified using the Petroconsultants' field data. In table 2, the United Kingdom shows an Identified Reserve estimate of 72.5 trillion cubic feet (TCF); a significant increase over published estimates. The field file shows that of this 72.5 TCF, 53.3 TCF are in fields that have no production. The lower reserve estimates appear to have omitted the resources in non-producing fields. Worldwide, Petroconsultants shows 2,333 TCF in non-producing fields.

**Identified Reserves for the United States and Canada**

In the United States and Canada, the most commonly used definition of reserves is that of the narrow definition of Proved reserves. Proved reserves are estimated volumes of the resource which geologic and engineering data demonstrate with reasonable certainty to be recoverable in future years from known reservoirs under existing economic, operating and regulatory conditions. The narrow definition of "proved" reserves used in the United States and Canada leads to conservative estimates of the amount of oil and gas that will ultimately be produced from a field. The increase in proved field size (past production plus proved reserves) that occurs as fields are fully developed is known as field growth and represents the reclassification of 'inferred' reserves to the proved category. Methods for estimating inferred reserves have been developed Root (1981) and were applied at the country level to arrive at estimates Identified Reserves for the United States and Canada and added to proved reserves. Identified reserves for basins of Canada were obtained from the National Energy Board (Ken Drummond, National Energy Board personal communication, 1993). For the United States the province level estimates were derived from the NRG Associates Field file (NRG, 1995).

## III. WORLD PETROLEUM BASIN MAPS

The World Petroleum Basin maps that show the basins assessed are included as plate 1 and plate 2 of this report. The World Energy Program geologists initially used the series of maps by Coury, Hendricks, and Tyler (Coury, and others, 1978 and 1979, Coury and Hendricks, 1978 and 1979) as a point of departure for their studies of petroleum basins of the world. Each Program geologist studied and refined geologic interpretations of the petroleum basins in their area. Many of the refinements in boundaries were published in various Program reports that relate to specific areas or regions of the world. Masters

(1994) provides a bibliography of the World Energy Program's publications. Maps showing revised basin boundaries were used for the 1993 Assessment within the World Energy Program as geologists revised and reviewed assessments. The basin boundaries for Canada and the United States are from the respective Federal governments. The maps (plates 1 and 2) that accompany Table 1 and Table 2 are digitized versions of the basin maps that emerged as successive basin assessments were prepared.

The maps show, by color, the "Futures" potential assigned each basin. The Future potential is the sum of the Identified Reserves and the modal value, or most likely, value of the conventional undiscovered resources assessed. For oil the categories are (1) less than 0.1 BBO (2) 0.1 to 1 BBO, (3) 1 to 10 BBO, (4) 10 to 20 BBO (5) 20 to 100 BBO and (6) 100 BBO or greater. For gas the categories are (1) less than 0.6 TCF, (2) 0.6 to 6 TCF, (3) 6 to 60 TCF, (4) 60 to 120 TCF, (5) 120 to 600 TCF and (6) 600 TCF or greater.

When interpreting the World Petroleum Futures Maps it is important to note that a number of basin were assessed as groups, that is jointly. For those basins belonging to jointly assessed groups, the color associated with the individual basin is same as the group, that is, there was no effort to allocate the jointly assessed resources to the member basins of the group. The groups are indicated in Tables 1 and Tables 2 and also listed separately with member basins in Appendix B.

REFERENCES

Coury, A. B., Hendricks, T. A., and Tyler, T. F., 1978, Map of prospective hydrocarbon provinces of the world: North and South America: US Geological Survey Miscellaneou Field Studies Map MF-1044A.

Coury, A. B. and Hendricks, T. A., 1978, Map of prospective hydrocarbon provinces of the world: Europe, West Asia, Africa: US Geological Survey Miscellaneou Field Studies Map MF -1044B

Coury, A. B. and Hendricks, T. A., 1979, Map of prospective hydrocarbon provinces of the world: East Asia, Australia, and the Pacific: US Geological Survey Miscellaneou Field Studies Map MF-1044C.

Coury, A. B. Hendricks, T. A., and Tyler, T. F., 1979, Bibliography for map of prospective hydrocarbon provinces of the world: US Geological Survey Open-File Report 79-201. 88p.

DeGolyer and McNaughton, 1993, Twentieth Century Petroleum Statistics 1992; DeGolyer and McNaughton, Dallas, 132 p.

Gautier, D. L., Dolton, G. L., Takahashi, K. I., and Varnes, K. L., eds., 1996, 1995 National Assessment of United States Oil and Gas Resources - Results, Methodology, and Supporting data: U.S. Geological Survey Digital Data Series 30, release 2, one CD-ROM.

Mast, R. F., Dolton, G. L., Crovelli, R. A., Root, D. H., Attanasi, E. D., Martin, P. E., Cook, L. W., Carpenter, G. B., Pecora, W. C., and Rose, M. B., 1989, Estimates of Undiscovered Conventional Oil and Gas Resources in the United States; A Summary: U.S. Geological Survey/Minerals Management Service Special Publication, 56 p

Masters, C. D., 1994, Bibliography of the World Energy Resource Program, United States Geological Survey Open-File Report 94-556, 10p.

Masters, C. D., Attanasi, E. D., and Root D. H., 1994, World Petroleum Assessment and Analysis: in Preprint of Proceedings of the 14th World Petroleum Congress, Stavanger, Norway: John Wiley and Sons Ltd., p1-13..

Masters, C. D., Root, D. H., and Attanasi, E. D., 1992, World resources of crude oil and natural gas: in Proceedings of the 13th World Petroleum Congress, v.2, p. 51-64.

Masters, C. D., Attanasi, E. D., Dietzman, W. D., Meyer, R. P., Mitchell, R. W., and Root, D. H., 1987, World resources of crude oil, natural gas, natural bitumen, and shale oil: in Proceedings of the 12th World Petroleum Congress, v. 5, P.3-27.

Masters, C. D., Root, D. H., and Dietzman, W. D., 1984, Distribution and quantitative assessment of world crude-oil reserves and resources: in Proceedings of the 11th World Petroleum Congress, London, 1983, v. 2. p.229-237.

Masters, C. D., Root, D. H., and Turner, R. M., 1997, World resource statistics geared for electronic access: Oil and Gas Journal, v. 95, no. 41, pp.98-104, (October 13, 1997).

NRG Associates, 1994 and 1995, [Includes data current as of December 31, 1993 and Decmber 31, 1994, respectively], The significant oil and gas fields of the United States: Colorado Springs, Colo., NRG Associated, Inc. [database avaiable from NRG Associates, Inc., P.O. 1655, Colorado Springs, CO 80901].

Oil and Gas Journal, 1992, Worldwide look at reserves, Oil and Gas Journal v. 90, no. 52, 44-45, (Dec. 28, 1992).

Petroconsultants International Data Corporation, 1993, Petroconsultants Worldwide Oil and Gas Field Database 1993: Genva, Switzerland, Petroconsultants International Data. Digital Database available Petroconsultants International Data Corporation, P.O. Box 740619, 6600 Sands Point Drive, Houston TX 77274-0619, USA or Petroconsultants, Inc., P. O. Box 152, 24 Chemin de la Mairie, 1258 Perly, Geneva.

Petroleum Economist, 1993, World: commercial production of natural gas and proven reservers, vol 60, no.8, p.8, (August, 1993)

Root, D. H., Estimation of inferred plus indicated reserves in the United States, Appendix F. In: Dolton G. and others, Estimates of undiscovered recoverable conventional reserves of oil and gas in the United States, U.S. Gelogical Survey Circular 860, 87 p.

Ulmishek, G. and Masters, C. D., 1993, Petroleum Resources of the Former Soviet Union, US Geological Survey Open-File Report 93-316, 17p.

United Nations, 1976, World Energy Supplies 1950-1974, Statistical Paper Series J No. 19, United Nations 200p.

United States Geological Survey, National Oil and Gas Resource Assessment Team, 1995 National Assessment of United States Oil and Gas Resources: U. S. Geological Survey Circular 1118, 20 p.

World Oil, 1993, Estimated proved world reserves, 1991 vs. 1992, World Oil v.30, no. 8, (p. 3) August 1993.

APPENDIX A: List of US petroleum provinces and designation of source of data for estimates of the mode of undiscovered conventional oil and gas resources.

Onshore and State Offshore *

990 Northern Alaska
991 Central Alaska
992 Southern Alaska
995 Northern Coastal
996 Central Coastal
997 Sonoma - Livermore
1000 Salton Trough
1019 Eastern Oregon-Washington
1020 Western Oregon-Washington
1022 Sacramento
1023 San Joaquin
1025 Los Angeles
1027 Santa Maria
1028 Klamath Sierra Nevada
1029 Southern Arizona-South West New Mexico
1030 Idaho-Snake River Downwarp
1031 Western Great Basin
1032 Eastern Great Basin-Railroad Valley
1036 Northern Arizona
1044 Uinta-Piceance
1045 Paradox
1046 San Juan
1051 South-Central New Mexico - Rio Grande Rift
1052 Albuquerque-Santa Fe Rift
1033 Montana Thrust Belt
1034 Central Montana
1035 Wyoming Thrust Belt
1037 South West Montana - Crazy Mountain
1038 Big Horn
1039 Wind River
1040 Powder River
1042 Park Basins
1043 South West Wyoming- Greater Green River
1049 Denver
1050 Raton Basin - Sierra Grande Uplift
1053 Las Animas Arch
1054 Sioux Arch
1060 Williston
1065 Palo Duro
1066 Permian
1067 Bend Arch-Fort Worth

1082 Pedernal Uplift
1086 Marathon Thrust Belt
1084 Louisiana-Mississippi Salt Basins
1085 East Texas
1088 Florida Peninsula
1090 Western Gulf
1041 Superior
1055 Iowa Shelf
1056 Cambridge Arch - Central Kansas
1057 Nemaha Uplift
1058 Ozark Uplift
1059 Cherokee
1061 Salina
1062 Forest City
1063 Anadarko
1064 Arkoma
1083 Southern Oklahoma
1087 Sedgwick
1068 Michigan
1069 Illinois
1070 Appalachian
1071 Black Warrior
1074 New England
1075 Blue Ridge Trust Belt
1076 Adirondack
1077 Cincinnati Arch
1078 Atlantic Coastal Plain
1081 Piedmont

Federal Offshore**
1001 N. Aleutian/ St. George
1002 Navarin
1003 Norton
1005 Hope
1006 Chucki Sea
1008 Beaufort Shelf
1013 Cook Inlet
1014 Gulf of Alaska/Shumagin
1015 Queen Charlotte
1016 Winona
1017 Tufino
1018 Georgia
994 Pacific Northwest
998 Central California
1024 Ventura, Santa Barbara

1026 San Diego-Oceanside-Outer Banks-USA
1072 Georges Bank (North Atlantic)
1073 Baltimore Canyon (Mid-Atlantic)
1079 Carolina Trough
1080 Blake Plateau (South Atlantic)
1089 Western Gulf (Offshore)
1091 Eastern Gulf (Offshore)
1092 Florida Bahamas

* Data for estimation of modal values for undiscovered conventional oil and gas resources are from USGS National Oil and Gas Resource Assessment Team (1995).
** Data for estimation of modal values for undiscovered conventional oil and gas resources are from the joint 1989 USGS/MMS joint national oil and gas assessment published in Mast and others (1989).

APPENDIX B.

Basins Assessed Jointly in the Oil Assessment shown by group
United States
Louisiana-Mississippi Salt Basins (1084), East Texas (1085)

Canada
*Western Canada Sedimentary Basin* includes Anderson (1101), Alberta (1102), Williston Canada (1103)
*Arctic Islands* includes Sverdrup (1104), Melville (1105), Victoria Strait (1106), Jones Lancaster (1107)
*Mainland Territories* includes Foxe (1108), Hudson Bay (1109), Baffin Bay (1110)

Mexico
Isthmus Saline (1131), Reforma Shelf (1132), Macuspana (1133), Comalcalco (1134)

Venezuela
Maracaibo (3002), Falcon (3003)

Algeria
*Northern Algeria* includes Tindouf (5005), Atlas Fold (5007), Bechar (5008), Reggane (5009)
*South East Algeria* includes Triassic (5011), Ghadames (5100), Illizi (5013)
*South West Algeria* includes Erg Occidental (5010), Ahnet (5012)

Madagascar
Morondava (5061), Majunga (5062)

China
East China Sea (8010), Okinawa Trough (8011), Ryuku (8012)

Australia
Carnarvon, North (10004), Carnarvon, South (10005)

Basins Assessed Jointly in the Gas Assessment shown by group
United States
Lousiana-Mississippi Salt Basins (1084), East Texas (1085)

Canada
*Western Canada Sedimentary Basin* includes Anderson (1101), Alberta (1102), Williston Canada (1103)
*Arctic Islands* includes Sverdrup (1104), Melville (1105), Victoria Strait (1106), Jones Lancaster (1107)
*Mainland Territories* includes Foxe (1108), Hudson Bay (1109), Baffin Bay (1110)

Mexico
Isthmus Saline (1131), Reforma Shelf (1132), Macuspana (1133), Comalcalco (1134)

Italy
Adriatic (4030), Po (4031)

Algeria
*Northern Algeria* includes Tindouf (5005), Atlas Fold (5007), Bechar (5008), Reggane (5009)
*South East Algeria* includes Triassic (5011), Ghadames (5100), Illizi (5013)
*South West Algeria* includes Erg Occidental (5010), Ahnet (5012)

Madagascar
Morondava (5061), Majunga (5062)

China
East China Sea (8010), Okinawa Trough (8011), Ryuku (8012)

Australia
Carnarvon, North (10004), Carnarvon, South (10005)

## TABLE 1: World Conventional Oil Resources, by Basin, in Billions ($10^9$) of Barrels

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| NORTH AMERICA | 4.1 | 199.0 | 112.0 | 58.0 | 90.3 | 177.5 | 107.5 | |
| USA | 2.6 | 163.5 | 51.1 | 29.4 | 40.6 | 62.0 | 43.8 | |
| Region I Alaska | | | | | | | | |
| 990 Northern Alaska | | | 15.0 | | 5.0 | | | 20.00 |
| 991 Central Alaska | | | 0.00 | | 0.05 | | | 0.05 |
| 992 Southern Alaska | | | 0.11 | | 0.84 | | | 0.95 |
| 993 | | | | | | | | |
| 1001 N. Aleutian St. George | | | 0.00 | | 0.00 | | | 0.00 |
| 1002 Navarin | | | 0.00 | | 0.00 | | | 0.00 |
| 1003 Norton | | | 0.00 | | 0.00 | | | 0.00 |
| 1004 | | | | | | | | |
| 1005 Hope | | | 0.00 | | 0.00 | | | 0.00 |
| 1006 Chukchi Sea | | | 0.00 | | 0.00 | | | 0.00 |
| 1007 | | | | | | | | |
| 1008 Beaufort Shelf | | | | | 0.37 | | | 0.37 |
| 1009-12 | | | | | | | | |

LEGEND
) Basins joined for assessment presentation
() Indicates basin also listed under another country-no futures calculations
Ng Negligible
NA Not assessed
1009-12 Numbers with no following data are unused

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1013 | Cook Inlet | | | 0.00 | | 0.00 | | | 0.00 |
| 1014 | Gulf of Alaska/Shumagin | | | 0.00 | | 0.00 | | | 0.00 |
| 1015 | Queen Charlotte | | | 0.00 | | 0.00 | | | 0.00 |
| 1016 | Winona | | | 0.00 | | 0.00 | | | 0.00 |
| 1017 | Tufino | | | 0.00 | | 0.00 | | | 0.00 |
| 1018 | Georgia | | | 0.00 | | 0.00 | | | 0.00 |
| Lower 48 | | | | | | | | | |
| Pacific Coast | | | | | | | | | |
| 994 | Pacific Northwest (Offshore) | | | 0.00 | | 0.00 | | | 0.00 |
| 995 | Northern Coastal | | | 0.00 | | 0.02 | | | 0.02 |
| 996 | Central Coastal | | | 0.15 | | 0.42 | | | 0.57 |
| 997 | Sonoma-Livermore | | | 0.00 | | 0.00 | | | 0.00 |
| 998 | Central California (Offshore) | | | 0.68 | | 1.35 | | | 2.03 |
| 999 | | | | | | | | | |
| 1000 | Salton Trough | | | 0.00 | | 0.00 | | | 0.00 |
| 1019 | Eastern Oregon-Washington | | | 0.00 | | 0.00 | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1020 | Western Oregon-Washington | | | 0.03 | | 0.00 | | | 0.03 |
| 1021 | | | | | | | | | |
| 1022 | Sacramento | | | 0.00 | | 0.00 | | | 0.00 |
| 1023 | San Joaquin | | | 2.60 | | 1.16 | | | 3.76 |
| 1024 | Ventura, Santa Barbara | | | 0.66 | | 0.28 | | | 0.94 |
| 1025 | Los Angeles | | | 0.76 | | 0.93 | | | 1.69 |
| 1026 | San Diego-Oceanside - Outer Banks-USA | | | 0.00 | | 0.00 | | | 0.00 |
| 1027 | Santa Maria | | | 0.67 | | 0.16 | | | 0.83 |
| 1028 | Klamath Sierra Nevada | | | NA | | NA | | | 0.00 |
| Colorado Plateau and Basin and Range | | | | | | | | | |
| 1029 | Southern Arizona - South West New Mexico | | | 0.00 | | 0.00 | | | 0.00 |
| 1030 | Idaho-Snake River Downwarp | | | 0.00 | | 0.00 | | | 0.00 |
| 1031 | Western Great Basin | | | 0.00 | | 0.00 | | | 0.00 |
| 1032 | Eastern Great Basin - Railroad Valley | | | 0.01 | | 0.35 | | | 0.36 |
| 1036 | Northern Arizona | | | 0.00 | | 0.00 | | | 0.00 |
| 1044 | Uinta-Piceance | | | 0.29 | | 0.15 | | | 0.44 |
| 1045 | Paradox | | | 0.11 | | 0.28 | | | 0.39 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1046 | San Juan | | | 0.02 | | 0.03 | | | 0.05 |
| 1047-48 | | | | | | | | | |
| 1051 | South-Central New Mexico | | | 0.00 | | 0.00 | | | 0.00 |
| | - Rio Grande Rift | | | | | | | | |
| 1052 | Albuquerque-Santa Fe Rift | | | 0.00 | | 0.00 | | | 0.00 |
| Rocky Mountains and Northern Great Plains | | | | | | | | | |
| 1033 | Montana Thrust Belt | | | 0.00 | | 0.00 | | | 0.00 |
| 1034 | Central Montana | | | 0.02 | | 0.26 | | | 0.28 |
| 1035 | Wyoming Thrust Belt | | | 0.05 | | 0.59 | | | 0.64 |
| 1037 | South West Montana | | | 0.00 | | 0.00 | | | 0.00 |
| | - Crazy Mountain | | | | | | | | |
| 1038 | Big Horn | | | 0.23 | | 0.34 | | | 0.57 |
| 1039 | Wind River | | | 0.03 | | 0.14 | | | 0.17 |
| 1040 | Powder River | | | 0.21 | | 1.76 | | | 1.97 |
| 1042 | Park Basins | | | 0.00 | | 0.01 | | | 0.01 |
| 1043 | South West Wyoming | | | 0.06 | | 0.14 | | | 0.20 |
| | Greater Green R. | | | | | | | | |
| 1049 | Denver | | | 0.06 | | 0.22 | | | 0.28 |
| 1050 | Raton Basin-Sierra | | | 0.00 | | 0.00 | | | 0.00 |
| | Grande Uplift | | | | | | | | |
| 1053 | Las Animas Arch | | | 0.03 | | 0.12 | | | 0.15 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1054 | Sioux Arch | | | 0.00 | | 0.00 | | | 0.00 |
| 1060 | Williston | | | 0.33 | | 0.62 | | | 0.95 |
| | **West Texas and Eastern New Mexico** | | | | | | | | |
| 1065 | Palo Duro | | | 0.08 | | 0.02 | | | 0.10 |
| 1066 | Permian | | | 5.07 | | 2.50 | | | 7.57 |
| 1067 | Bend Arch-Fort Worth | | | 0.22 | | 0.50 | | | 0.72 |
| 1082 | Pedernal Uplift | | | 0.00 | | 0.00 | | | 0.00 |
| 1086 | Marathon Thrust Belt | | | 0.00 | | 0.00 | | | 0.00 |
| | **Gulf Coast Onshore** | | | | | | | | |
| 1084 | Louisiana-Mississippi) | | | 0.96 | | 2.49 | | | 3.45 |
| | Salt Basins | | | | | | | | |
| 1085 | East Texas ) | | | | | | | | 3.45 |
| 1088 | Florida Peninsula | | | 0.01 | | 0.30 | | | 0.31 |
| 1090 | Western Gulf | | | 1.00 | | 2.00 | | | 3.00 |
| | **Mid Continent** | | | | | | | | |
| 1041 | Superior | | | 0.00 | | 0.00 | | | 0.00 |
| 1055 | Iowa Shelf | | | 0.00 | | 0.00 | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% Mn | Futures |
| 1056 | Cambridge Arch -Central Kansas | | | 0.11 | | 0.18 | | 0.29 |
| 1057 | Nemaha Uplift | | | 0.04 | | 0.11 | | 0.15 |
| 1058 | Ozark Uplift | | | 0.00 | | 0.00 | | 0.00 |
| 1059 | Cherokee | | | 0.09 | | 0.11 | | 0.20 |
| 1061 | Salina | | | 0.00 | | 0.00 | | 0.00 |
| 1062 | Forest City | | | 0.01 | | 0.00 | | 0.01 |
| 1063 | Anadarko | | | 0.22 | | 0.37 | | 0.59 |
| 1064 | Arkoma | | | 0.03 | | 0.00 | | 0.03 |
| 1083 | Southern Oklahoma | | | 0.20 | | 0.20 | | 0.40 |
| 1087 | Sedgwick | | | 0.02 | | 0.04 | | 0.06 |
| | Eastern Onshore | | | | | | | |
| | Atlantic/Gulf Offshore | | | | | | | |
| 1068 | Michigan | | | 0.04 | | 0.90 | | 0.94 |
| 1069 | Illinois | | | 0.01 | | 0.40 | | 0.41 |
| 1070 | Appalachian | | | 0.09 | | 0.12 | | 0.21 |
| 1071 | Black Warrior | | | 0.00 | | 0.01 | | 0.01 |
| 1072 | Georges Bank (No. Atlantic) | | | 0.00 | | 0.00 | | 0.00 |
| 1073 | Baltimore Cyn. (Mid. Atlantic) | | | 0.00 | | 0.24 | | 0.24 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1074 | New England | | | 0.00 | | 0.00 | | | 0.00 |
| 1075 | Blue Ridge Thrust Belt | | | 0.00 | | 0.00 | | | 0.00 |
| 1076 | Adirondack | | | 0.00 | | 0.00 | | | 0.00 |
| 1077 | Cincinnati Arch | | | 0.00 | | 0.02 | | | 0.02 |
| 1078 | Atlantic Coastal Plain | | | 0.00 | | 0.00 | | | 0.00 |
| 1079 | Carolina Trough | | | 0.00 | | 0.00 | | | 0.00 |
| 1080 | Blake Plateau (So. Atlantic) | | | 0.00 | | 0.00 | | | 0.00 |
| 1081 | Piedmont | | | 0.00 | | 0.00 | | | 0.00 |
| 1089 | Western Gulf (Offshore) | | | 4.40 | | 8.07 | | | 12.47 |
| 1091 | Eastern Gulf (Offshore) | | | 0.00 | | 0.24 | | | 0.24 |
| 1092 | Florida Bahamas | | | 0.00 | | 0.00 | | | 0.00 |
| 1093-99 | | | | | | | | | |
| CANADA | | 0.5 | 16.0 | 11.0 | 13.5 | 26.1 | 55.0 | 31.4 | |
| 1100 | MacKenzie Beaufort | | | | 3.0 | 5.7 | 12.0 | 7.2 | 5.7 |
| W. Canada Sedimentary Basin | | | | | | | | | |
| 1101 | Anderson ) | | | | | | | | 10.7 |
| 1102 | Alberta ) | | 14.9 | 5.7 | 3.0 | 5.0 | 10.0 | 6.0 | 10.7 |
| 1103 | Williston Canada ) | | | | | | | | 10.7 |
| Arctic Islands | | | | | | | | | |

**OIL 8/98**

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1104 Sverdrup ) | | | | | | | | 4.3 |
| 1105 Melville ) | | | | | | | | 4.3 |
| 1106 Victoria Strait) | | 0.002 | 0.006 | 2.5 | 4.3 | 9.0 | 5.0 | 4.3 |
| 1107 Jones Lancaster) | | | | | | | | 4.3 |
| Mainland Territories | | | | | | | | |
| 1108 Foxe ) | | | | | | | | 0.4 |
| 1109 Hudson Bay ) | | 0.1 | 0.1 | 0.2 | 0.3 | 0.6 | .4 | 0.4 |
| 1110 Baffin Bay ) | | | | | | | | 0.4 |
| Maritime Provinces | | | | | | | | |
| 1111 Labrador | | | | | Ng | | | 0.01 |
| 1112 New Brunswick | | | | | Ng | | | 0.01 |
| 1113 Scotian Shelf | | | | 0.4 | .7 | 2.1 | 1.0 | 0.7 |
| 1114 Grand Banks | | 0.0 | 0.6 | 1.8 | 3.2 | 8.0 | 4.0 | 3.8 |
| Other Frontier | | | | 3.5 | 6.6 | 15.0 | 8.0 | |
| GREENLAND | | | | | | | | |
| 1115 E. Greenland | | | | NA | | | | 0.00 |
| 1116-20 | | | | | | | | |
| MEXICO (Total) | 1.0 | 19.5 | 42.0 | 14.4 | 24.1 | 72.2 | 35.5 | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| NW Mexico | | | | | | | | |
| 1121 Outer Banks | | | | | Ng | | | 0.01 |
| 1122 Salton Trough | | | | | Ng | | | 0.01 |
| 1123 Purisma | | | | | Ng | | | 0.01 |
| 1124 Guaymas | | | | | Ng | | | 0.01 |
| 1125 Mazatlan | | | | | Ng | | | 0.01 |
| NE Mexico | | | | 0.5 | 1.0 | 2.4 | 1.3 | |
| 1126 | | | | | | | | |
| 1127 Sabinas-Parras | | 0.0 | 0.0 | 0.3 | 0.6 | 1.5 | 0.8 | 0.60 |
| 1128 Burgos | | Ng | 0.03 | 0.1 | 0.2 | 0.6 | 0.3 | 0.23 |
| 1129 Tampico (Chicontepec) | | 5.6 | 4.5 | 0.1 | 0.15 | 0.4 | 0.2 | 4.65 |
| SE Mexico | | | | 13.0 | 23.0 | 70.0 | 34.2 | |
| 1130 Veracruz | | | | 0.6 | 1.0 | 3.0 | 1.7 | 1.0 |
| 1131 Isthmus Saline ) | | | | | | | | 23.6 |
| 1132 Reforma Shelf ) | | 5.1 | 12.6 | 6.0 | 11.0 | 33.0 | 15.9 | 23.6 |
| 1133 Macuspana ) | | | | | | | | 23.6 |
| 1134 Comalcalco ) | | | | | | | | 23.6 |
| 1135 Campeche | | 3.1 | 24.9 | 5.5 | 10.0 | 30.0 | 15.0 | 34.9 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1136 | Chiapas Anticline | | | | | Ng | | | 0.01 |
| 1137-2000 | | | | | | | | | |
| CENTRAL AMERICA | | | | | | Ng | | | |
| 2001 | Belize Borderland | | | | | NA | | | 0.00 |
| 2002 | Pacific Shelf | | | | | NA | | | 0.00 |
| 2003 | Ulna | | | | | NA | | | 0.00 |
| 2004 | Mosquitia | | | | | NA | | | 0.00 |
| 2005 | Limo in Boscos del Toro | | | | | NA | | | 0.00 |
| 2006 | Gulf of Panama | | | | | NA | | | 0.00 |
| 2007 | Palacios | | | | | NA | | | 0.00 |
| 2008 | Cuato | | | | | NA | | | 0.00 |
| 2009 | Cibao | | | | | NA | | | 0.00 |
| 2010 | Haitian | | | | | NA | | | 0.00 |
| 2011 | San Cristobal Bani | | | | | NA | | | 0.00 |
| 2012 | No. Coast Tertiary | | | | | NA | | | 0.00 |
| 2013 | Mona | | | | | NA | | | 0.00 |
| 2014 | Grenada | | | | | NA | | | 0.00 |
| 2015-3000 | | | | | | | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| SOUTH AMERICA | | | | | 26.3 | 43.7 | 101.2 | 56.1 | |
| Venezuela,Trinidad,Tobago | | 0.9 | 44.6 | 49 | 10.0 | 16.9 | 41.5 | 22.4 | |
| 3001 | Gulf of Venezuela | | | | 0.2 | 0.4 | 1.0 | 0.7 | 0.4 |
| 3002 | Maracaibo) | | 34.5 | 27.1 | 4.0 | 8.0 | 20.0 | 10.0 | 35.1 |
| 3003 | Falcon ) | | | | | | | | 35.1 |
| 3004 | Cariaco | | | | | NA | | | 0.00 |
| 3005 | Tobago | | | | | NA | | | 0.00 |
| 3006 | E. Venezuela | | 12.7 | 22.0 | 4.5 | 8.5 | 22.0 | 11.0 | 30.5 |
| | East Venezuela | | | | 4.0 | 8.0 | 21.0 | 10.5 | |
| | Trinidad | | | | .5 | 0.5 | 1.0 | 0.5 | |
| 3007 | Triste | | | | | Ng | | | 0.01 |
| 3008 | Barinas Apure | | | | 0.2 | 0.5 | 1.0 | 0.7 | 0.5 |
| COLOMBIA (Total) | | 0.2 | 3.5 | 4.9 | 2.3 | 4.0 | 11.5 | 5.8 | |
| 3009 | Guajira | | | | | NA | | | 0.00 |
| 3010 | Lower Magdalenas | | 0.07 | 0.01 | | 0 | | | 0.01 |
| 3011 | Upr. & Mid. Magdalenas | | 2.2 | 1.5 | 0.8 | 1.5 | 4.5 | 2.3 | 3.0 |
| 3012 | Llanos | | 0.1 | 2.1 | 1.0 | 2.0 | 7.0 | 3.0 | 4.1 |
| 3013 | Putumayo | | | | .2 | 0.4 | 1.3 | .6 | 0.4 |
| 3014 | Pacific Coastal | | | | | 0 | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| EQUADOR (Total) | | 0.1 | 1.8 | 3.3 | 1.1 | 1.9 | 5.2 | 2.6 | |
| 3015 | Esmeraldas | | | | | 0 | | | 0.00 |
| 3016 | Manabi Burbru | | | | | 0 | | | 0.00 |
| 3017 | Oriente | | 1.9 | 3.1 | 1.1 | 1.9 | 5.2 | 2.6 | 5.0 |
| 3018-19 | | | | | | | | | |
| PERU (Total) | | | 1.9 | 2.2 | 2.3 | 4.2 | 12.9 | 6.3 | |
| 3020 | Talara | | | | 0.5 | 1.1 | 3.1 | 1.5 | 1.1 |
| 3021 | Maranón | | 0.6 | 0.7 | 1.3 | 2.3 | 7.0 | 3.3 | 3.0 |
| 3022 | Santiago | | | | .1 | .14 | .4 | .2 | 0.14 |
| 3023 | Huallaga | | | 0.1 | .2 | .3 | .9 | .5 | 0.4 |
| 3024 | Ucayali | | | | .35 | .6 | 1.6 | .8 | 0.6 |
| 3025 | Peru Coastal | | | | | 0 | | | 0.00 |
| 3026 | Mollenda Tarapaco | | | | | 0 | | | 0.00 |
| 3027-29 | | | | | | | | | |
| GUYANA, SURINAM, FRENCH GUIANA | | | | | | | | | |
| 3030 | Tacutu | 0 | 0 | | .01 | .02 | .06 | .03 | 0.02 |
| 3031 | Guyana Shelf | 0 | 0 | | | 0.0 | | | 0.00 |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| BRAZIL (Total) | 0.2 | 3.4 | 12.8 | 6.3 | 10.2 | 22.4 | 12.7 | |
| Interior Sags (Total) | | | | 1.2 | 2.0 | 4.8 | 2.6 | |
| 3032-34 | | | | | | | | |
| 3035 Solimoes (upr. Amazones) | | | | 0.4 | 0.8 | 2.0 | 1.0 | 0.8 |
| 3036 Middle to Lwr. Amazones | | | | 0.3 | 0.5 | 1.0 | .6 | 0.5 |
| 3037 Parnaiba | | | | | Ng | | | 0.01 |
| 3038 Paraná | | 0 | 0 | 0.5 | 1.0 | 2.0 | 1.2 | 1.00 |
| 3039 Sao Luis | | | | | Ng | | | 0.01 |
| Interior Rifts (Total) | | | | 0.13 | 0.2 | 0.5 | 0.35 | |
| 3040 Reconcavo | | 1.2 | 0.5 | 0.1 | 0.15 | 0.6 | 0.3 | 0.65 |
| 3041 Tucano Jatoba | | | | 0.03 | 0.05 | 0.3 | 0.15 | 0.05 |
| Foreland Basins (Total) | | | | 0.05 | 0.1 | 0.2 | 0.15 | |
| 3042 Acre | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| Rifted Margins (Total) | | | | 5.0 | 9.0 | 18.0 | 9.7 | |
| N.E. Coast (Total) | | | | 0.7 | 1.3 | 3.0 | 1.7 | |
| 3043 Foz do Amazonas | | | | 0.3 | 0.5 | 1.1 | 0.7 | 0.5 |
| 3044 Para Maranhoa | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 3045 | Barreirinhas | | | | | Ng | | | 0.01 |
| 3046 | Caera | | | | 0.3 | 0.6 | 1.4 | 0.7 | 0.60 |
| 3047 | Potiguar | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| S.E. Coast (Total) | | | | | 4.4 | 7.5 | 16.0 | 8.0 | |
| 3048 | Recife João Pessoa | | | | | Ng | | | 0.01 |
| 3049 | Sergipe Alagoas | | | | 0.7 | 1.2 | 4.0 | 2.0 | 1.20 |
| 3050 | Bahia Sul | | | | 0.2 | 0.4 | 1.2 | 0.6 | 0.40 |
| 3051 | Espirito Santo | | | | 0.1 | 0.2 | 0.6 | 0.3 | 0.20 |
| 3052 | Campos | | 1.3 | 10.9 | 3.0 | 5.7 | 20.0 | 9.7 | 16.60 |
| 3053 | Santos | | Ng | 0.5 | 0.15 | 0.3 | 0.9 | 0.45 | 0.80 |
| 3054 | Pelotas | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| 3055-59 | | | | | | | | | |
| BOLIVIA (Total) | | | 0.3 | 0.2 | 0.2 | 0.3 | 0.8 | 0.4 | |
| 3060 | Madre de Dios | | Ng | Ng | 0.2 | 0.3 | 0.8 | 0.35 | 0.3 |
| 3061 | Beni | | | | 0.04 | 0.07 | 0.2 | 0.1 | 0.07 |
| 3062 | Altiplano | | | | Ng | 0.01 | 0.03 | 0.02 | 0.01 |
| 3063 | Tarija (Total) | | | | 0.02 | 0.04 | 0.09 | 0.05 | 0.04 |
| | Bolivia (80%) | | | | 0.02 | 0.03 | 0.07 | 0.04 | |
| | Argentina (20%) | | | | Ng | 0.01 | 0.02 | 0.01 | |
| PARAGUAY | | | | | | Ng | | | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| ARGENTINA | 0.2 | 5.6 | 3.8 | 1.5 | 2.7 | 9.0 | 4.2 | |
| (3063) Tarija (20%) | | | | | 0.01 | 0.02 | 0.01 | |
| 3064-69 | | | | | | | | |
| 3070 Chaco | | | | 0.01 | 0.02 | 0.06 | 0.03 | 0.02 |
| 3071 Cuyo | | | | 0.02 | 0.04 | 0.10 | 0.05 | 0.04 |
| 3072 Neuquen | | 1.3 | 1.6 | 0.6 | 1.2 | 2.5 | 1.6 | 2.80 |
| 3073 San Jorge | | 2.1 | 1.4 | 0.2 | 0.36 | 0.9 | 0.7 | 1.76 |
| 3074 Malvinas | | | | 0.45 | 0.8 | 1.7 | 0.9 | 0.80 |
| 3075 Salado | | | | 0.02 | 0.03 | 0.06 | 0.03 | 0.03 |
| 3076 Colorado | | | | 0.03 | 0.06 | 0.12 | 0.07 | 0.06 |
| 3077 East Patagonia | | | | 0.09 | 0.18 | 0.5 | 0.26 | 0.18 |
| (3082) Magallanes Arg. (10%) | | | | 0.01 | 0.02 | 0.06 | 0.03 | |
| 3078-79 | | | | | | | | |
| CHILE | | 0.4 | 0.2 | 0.1 | 0.2 | 0.5 | 0.3 | |
| 3080 Central Chile Forearc | | | | | Ng | | | 0.01 |
| 3081 South Chile Trench | | | | | Ng | | | 0.01 |
| 3082 Magallanes (Total) | | 0.5 | 1.0 | 0.15 | 0.25 | 0.66 | 0.35 | 1.25 |
| Argentina (10%) | | | | .01 | .02 | .06 | .03 | |
| Chile (90%) | | | | .1 | .3 | .5 | .32 | |
| 3083 Nirihuau | | | | | Ng | | | 0.01 |
| 3084-4000 | | | | | | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| WESTERN EUROPE | | 1.7 | 22.6 | 41.2 | 9.3 | 15.8 | 39.7 | 21.2 | |
| UNITED KINGDOM | | 0.7 | 11.2 | 19.5 | 3.2 | 5.6 | 15.4 | 7.9 | |
| 4001 | Rockhall Trough | | | | .3 | .5 | 1.0 | .7 | 0.50 |
| 4002 | Porcupine Bight | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| 4003 | West Shetland | | 0 | 2.0 | 0.5 | 1.0 | 2.5 | 1.2 | 3.00 |
| (4004) | Central No.Sea - U.K. | | 10.9 | 17.5 | 2.0 | 4.0 | 11.5 | 6.0 | |
| | See also Norway | | | | | | | | |
| 4005 | Irish Sea | | | | | Ng | | | 0.01 |
| 4006 | Celtic Sea | | | | | Ng | | | 0.01 |
| 4007 | English Channel | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| 4008 | So. North Sea | | 0.17 | 0.45 | | Ng | | | 0.45 |
| NORWAY | | 0.8 | 5.8 | 17.1 | 4.1 | 6.7 | 15.0 | 8.5 | |
| 4004 | Central No. Sea (Total) | | 17.2 | 31.9 | 4.0 | 7.0 | 18.7 | 9.9 | 38.9 |
| | Norway 40% | | 5.9 | 14.4 | 2.0 | 3.2 | 7.5 | 3.9 | |
| | United Kingdom 60% | | 10.9 | 17.5 | 2.0 | 4.0 | 11.5 | 6.0 | |
| 4009 | Barents, Norwegian | | | | 0.8 | 1.3 | 3.0 | 1.7 | 1.3 |
| 4010 | Voring | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 4011 | Helgeland | | 0.0 | 2.4 | 0.7 | 1.4 | 3.5 | 2.0 | 3.8 |
| 4012 | Harstad | | | | 0.4 | .6 | 1.5 | 0.8 | 0.6 |
| 4013 | Tromso | | | | | Ng | | | 0.01 |
| 4014 | Hammerfest | | | | 0.06 | .1 | 0.3 | 0.15 | 0.10 |
| 4015 | Norwegian-Danish (No. Sea) | 1.0 | 0.3 | 0.3 | .5 | 1.5 | 0.8 | 0.8 | 1.80 |
| FRANCE | | | | | | | | | |
| 4016 | Paris | | | | | NA | | | 0.00 |
| 4017 | Aquitaine | | | | | Ng | | | 0.01 |
| GERMANY | | | | | | | | | |
| (4015) | Norwegian - Danish | | | | | NA | | | |
| 4018 | Molasse | | | | | NA | | | 0.00 |
| 4019 | Rhine Graben | | | | | NA | | | 0.00 |
| EASTERN EUROPE | | 0.1 | 6.3 | 2.0 | 0.9 | 1.6 | 5.8 | 2.7 | |
| 4020 | Baltic | | | | 0.1 | 0.25 | 0.8 | 0.4 | 0.25 |
| POLAND | | | | | | | | | |
| 4021 | Polish-Warsaw Trough | | 0.2 | 0.14 | .05 | 0.1 | 0.3 | .15 | 0.24 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| AUSTRIA | | | | | | | | | |
| 4022 | Vienna B. | | | 0.2 | | NA | | | 0.20 |
| HUNGARY | | | | | .05 | 0.1 | 0.3 | 0.12 | |
| 4023 | Pannonian (Total) | | 2.1 | 1.1 | 0.1 | 0.2 | 0.6 | 0.3 | 1.30 |
| | Hungary (80%) | | | | 0.08 | 0.16 | 0.48 | 0.09 | |
| | Bosnia Croatia (20%) | | | | 0.02 | 0.04 | 0.12 | 0.03 | |
| ROMANIA | | | 4.8 | 1.2 | 0.4 | 0.7 | 3.4 | 1.4 | |
| 4024 | Transylvania | | 0.03 | 0.01 | | Ng | | | 0.01 |
| 4025 | Carpathian | | 4.8 | 1.2 | 0.3 | 0.5 | 3.4 | 1.4 | 1.70 |
| ALBANIA | | | | | 0.2 | 0.35 | 0.9 | 0.48 | |
| BULGARIA | | | | | | | | | |
| 4026 | Moesian Platform | | | | 0.05 | 0.1 | 0.25 | 0.13 | 0.10 |
| GREECE | | | | | | | | | |
| 4027 | Thrace | | | | | | | | 0.00 |
| 4028 | Kavala | | | | | | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 4029 | Salonika | | | | | NA | | | 0.00 |
| ITALY | | | 0.6 | 1.2 | 0.7 | 1.3 | 3.9 | 1.9 | |
| 4030 | Adriatic | | 0.16 | 1.28 | 0.4 | 0.7 | 2.0 | 1.0 | 1.98 |
| 4031 | Po | | 0.03 | 0.21 | 0.3 | 0.6 | 1.8 | 0.9 | 0.81 |
| | Sicily | | | | | NA | | | |
| SPAIN | | | | | | NA | | | |
| 4032 | Ebro | | | | | NA | | | 0.00 |
| 4033 | La Mancha | | | | | NA | | | 0.00 |
| 4034 | Guadalquivir | | | | | NA | | | 0.00 |
| 4035 | Lusitania | | | | | NA | | | 0.00 |
| 4036 | Galicia | | | | | 0.01 | | | 0.01 |
| 4037 | W. Mediterranean (Total) | | 0 | 0 | 0.3 | 0.6 | 1.6 | 0.9 | 0.60 |
| | Alboran-So. Balearic-Algerian B. | | | | .01 | 0.02 | 0.04 | 0.03 | |
| | Ligurian-Provencal | | | | 0.3 | 0.5 | 1.5 | .8 | |
| | Corsica Sardinia | | | | .03 | 0.05 | 0.15 | 0.08 | |
| | Tyrhennian Sea | | | | Ng | Ng | 0.02 | Ng | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 4038 E. Mediterranean (Total) | | 0 | 0 | 0.4 | 1.1 | 2.0 | 1.3 | 1.10 |
| Hellenic Trench ) | | | | | | | | |
| Mediterranean Ridge ) | | | | 0.03 | 0.5 | 1.0 | 0.55 | |
| Herodotus B. ) | | | | | | | | |
| Nile Cone-Levant Platform | | | | 0.08 | 0.15 | 0.5 | 0.24 | |
| Hellenic Arc-Aegean Basin | | | | 0.15 | 0.27 | 0.6 | 0.30 | |
| Cyprus (Levantine) B. & Arc | | | | 0.1 | 0.2 | 0.5 | 0.25 | |
| 4039 C. Mediterranean (Total) | | 0 | 0 | 0.1 | 0.2 | 1.0 | 0.4 | 0.20 |
| Ionian Sea/Sirte Rise | | | | 0.1 | 0.2 | 1.0 | 0.4 | |
| Mediterranean Area (Total) | | | | 0.9 | 1.8 | 5.0 | 2.5 | |
| N.B.: No econ. or tech. limits on assessments | | | | | | | | |
| 4040-5000 | | | | | | | | |
| AFRICA (Total) | 2.5 | 56.5 | 76.5 | 22.1 | 37.7 | 95.9 | 50.8 | |
| MOROCCO-SPANISH SAHARA | | | | | | | | |
| 5001 Aaiun (S.S.) | | | | Ng | | | | 0.01 |
| 5002 Tarfaya | | | | Ng | | | | 0.01 |
| 5003 Essaouira | | | | Ng | | | | 0.01 |
| 5004 Rharb | | | | Ng | | | | 0.01 |
| (5005) Tindouf | | | | 0.05 | 0.09 | 0.3 | 0.15 | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| MALI, MAURITANIA | | | | | | | | |
| 5006 Taoudeni | | | | 0.02 | 0.05 | 0.15 | 0.07 | 0.05 |
| ALGERIA (Total) | 0.4 | 11.0 | 8.2 | 0.4 | 1.2 | 3.9 | 1.9 | |
| No. Algeria | | | | | | | | |
| 5005 Tindouf ) | | | | | | | | 0.01 |
| 5007 Atlas Fold ) | | | | | | | | 0.01 |
| 5008 Bechar ) | | | | | Ng | | | 0.01 |
| 5009 Reggane ) | | | | | | | | 0.01 |
| 5101 Mouydir | | | | | Ng | | | 0.01 |
| S.E. Algeria | | | | | | | | |
| 5011 Triassic ) | | | | | | | | 10.0 |
| 5100 Ghadames ) | 0.1 | 11.0 | 8.2 | 0.8 | 1.8 | 5.0 | 2.5 | 10.0 |
| (or Erg Oriental) | | | | | | | | |
| 5013 Illizi ) | | | | | | | | 10.0 |
| S. W. Algeria | | | | | | | | |
| 5010 Erg Occidental ) | Ng | | | 0.06 | 0.11 | 0.5 | 0.22 | 0.11 |
| 5012 Ahnet ) | | | | | | | | 0.11 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| TUNISIA | | | 0.9 | 1.3 | 2.0 | 4.0 | 10.5 | 5.5 | |
| 5014 | Pelagian | | 0.3 | 2.47 | 2.0 | 4.0 | 10.5 | 5.5 | 6.47 |
| LIBYA (Total) | | 0.5 | 18.0 | 31.3 | 4.6 | 8.3 | 16.3 | 10.1 | |
| 5015 | Hamada | | 1.1 | 2.4 | | NA | | | 2.40 |
| 5016 | Sirte | | 14.5 | 30.5 | 4.3 | 8.0 | 15.0 | 9.6 | 38.50 |
| 5017 | Cyrenaica | | 0 | 0 | 0.2 | 0.4 | 0.8 | 0.5 | 0.40 |
| 5018 | Murzuk | | | | | Ng | | | 0.01 |
| 5019 | Kufra | | | | | Ng | | | 0.01 |
| EGYPT (Total) | | 0.3 | 6.0 | 6.0 | 0.7 | 1.5 | 4.5 | 2.2 | |
| 5020 | W. Desert | | 0.38 | 0.73 | 0.1 | 0.2 | 0.6 | 0.3 | 0.93 |
| 5021 | Nile Delta | | Ng | Ng | 0.05 | 0.1 | .3 | .15 | 0.10 |
| 5022 | Nile | | | | | Ng | | | 0.01 |
| 5023 | Gulf of Suez | | 5.3 | 5.5 | 0.7 | 1.2 | 3.6 | 1.8 | 6.70 |
| 5024 | Sinai | | | | | Ng | | | 0.01 |
| NW AFRICA | | | | | | | | | |
| 5025 | Senegal | | | | | Ng | | | 0.01 |
| 5026 | Dove | | | | | Ng | | | 0.01 |
| 5027 | Sierra Leone | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 5028 | Liberian | | | | | Ng | | | 0.01 |
| 5029 | Ivory Coast | | | | | Ng | | | 0.01 |
| 5030 | Dahomey | | | | | Ng | | | 0.01 |
| 5031 | Volta | | | | | Ng | | | 0.01 |
| MALI-NIGER | | | | | | | | | |
| 5032 | Iullemmeden | | | | | Ng | | | 0.01 |
| CHAD (Total) | | | | 0.5 | 0.4 | 1.2 | 2.4 | 1.7 | |
| 5033 | Chad B. (Rscs. 100%) | | 0.0 | 0.1 | 0.05 | 0.1 | 0.3 | 0.2 | 0.20 |
| 5034 | Chari | | | | 0.05 | 0.1 | 0.3 | 0.2 | 0.10 |
| 5035 | Doba | | 0.0 | 0.38 | 0.3 | 0.5 | 1.0 | 0.7 | 0.88 |
| 5036 | Doseo | | 0.0 | 0.08 | 0.1 | 0.3 | 0.6 | 0.4 | 0.38 |
| SUDAN (Total) | | | | 0.3 | 1.3 | 2.5 | 5.1 | 3.1 | |
| 5037 | Upr. Nile | | 0.6 | 0.3 | 1.1 | 2.1 | 4.5 | 2.7 | 2.4 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 5038 | Red Sea (Total)[1] | | | | 0.2 | 0.3 | 0.6 | 0.4 | 0.30 |
| | Egypt 21% | | | | | | | | |
| | Sudan 12% | | | | | | | | |
| | Ethiopia 18% | | | | | | | | |
| | Saudi Arabia 43% | | | | | | | | |
| | Yemen 6% | | | | | | | | |
| ETHIOPIA (Total) | | | | | 0.03 | 0.05 | 0.15 | 0.08 | |
| 5039 | Ogaden | | | | 0.03 | 0.05 | 0.15 | 0.08 | 0.05 |
| SOMALIA (Total) | | | | | 0.3 | 0.5 | 1.6 | 0.9 | |
| 5040 | Barbera-Hafun | | | | | Ng | | | 0.01 |
| 5041 | Somalia B. | | | | 0.3 | 0.5 | 1.5 | 0.8 | 0.50 |
| 5042 | Lamu | | | | 0.03 | 0.05 | 0.15 | 0.08 | 0.05 |
| | Somalia 50% | | | | | | | | |
| | Kenya 50% | | | | | | | | |

[1] Not included in country totals

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| NIGERIA (Total) | 0.7 | 15.1 | 20.4 | 2.7 | 4.8 | 12.3 | 6.5 | |
| 5043 Benue Trough | | | | 0.1 | 0.2 | 0.6 | 0.3 | 0.20 |
| 5044 Niger Delta (Total) | | 14.2 | 22.7 | 2.7 | 5.1 | 13.0 | 6.9 | 27.80 |
| Nigeria (92%) | | | | 2.5 | 4.6 | 11.7 | 6.2 | |
| Cameroon (8%) | | | | 0.3 | 0.5 | 1.3 | 0.7 | |
| CAMEROON (Total) | | | | 0.55 | 0.9 | 10.2 | 1.2 | |
| 5045 Douala B. | | 0.0 | 0.1 | 0.2 | 0.4 | 0.9 | 0.5 | 0.50 |
| (5044) Niger Delta (8%) | | | | 0.3 | 0.5 | 1.3 | 0.7 | |
| GABON | 0.1 | 1.7 | 1.8 | 0.7 | 1.3 | 3.1 | 1.7 | |
| 5046 Gabon B. | 0.1 | 1.7 | 1.8 | 0.6 | 1.1 | 2.5 | 1.4 | 2.90 |
| (5047) Congo B. | | | | 0.1 | 0.2 | 0.6 | 0.3 | |
| CONGO | 0.1 | 0.7 | 1.6 | 0.2 | 0.3 | 0.7 | 0.4 | |
| 5047 Congo B. | | 2.2 | 4.6 | 1.2 | 2.2 | 4.4 | 2.6 | 6.80 |
| Gabon (12%) | | | | 0.1 | 0.2 | 0.6 | 0.3 | |
| Congo (24%) | | | | 0.3 | 0.5 | 1.0 | 0.6 | |
| Zaire (7%) | | | | 0.1 | 0.2 | 0.4 | 0.2 | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| Angola (57%) | | | | | 0.7 | 1.3 | 2.5 | 1.5 | |
| ANGOLA | | 0.2 | 2.0 | 3.7 | 0.6 | 1.5 | 3.4 | 1.9 | |
| 5048 | Cuanza B. | | 0.4 | 1.4 | 0.08 | 0.15 | 0.37 | 0.2 | 1.55 |
| 5049 | Okawanga B. | | | | 0.05 | 0.1 | 0.21 | 0.12 | 0.1 |
| | Namibia (Etosha) (10%) | | | | | Ng | | | |
| | Zambia (Barotse) (10%) | | | | | Ng | | | |
| 5050 | Mocamedes | | | | | Ng | | | 0.01 |
| | Angola (70%) | | | | | | | | |
| | Namibia (30%) | | | | | | | | |
| NAMIBIA | | | | | | | | | |
| 5051 | Orange R. Delta | | | | | Ng | | | 0.01 |
| | Namibia (75%) | | | | | Ng | | | |
| | So. Africa (25%) | | | | | Ng | | | |
| SO. AFRICA | | | | | | | | | |
| 5052 | Agulhas | | 0.0 | 0.05 | 0.05 | 0.08 | 0.17 | 0.1 | 0.13 |
| 5053 | Karoo B. | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| BOTSWANA | | | | | | | | | |
| 5054 | Kalahari B. (Karoo) | | | | 0.02 | 0.04 | 0.12 | 0.06 | 0.04 |
| | Botswana (85%) | | | | 0.02 | 0.04 | 0.12 | 0.06 | |
| | Namibia (15%) | | | | | Ng | | 0.01 | |
| ZAIRE | | | | | | | | | |
| 5055 | Zaire B. | | | | 0.3 | 0.5 | 1.5 | 0.8 | 0.50 |
| | Zaire (80%) | | | | 0.2 | 0.4 | 1.3 | 0.65 | |
| | Congo (20%) | | | | 0.06 | 0.1 | 0.4 | 0.2 | |
| 5056 | Other Karoo Rift Basins (Total) | | | | 0.2 | 0.45 | 1.3 | 0.7 | 0.45 |
| | (excluding 5053, 5054) | | | | | | | | |
| | Tanzania | | | | | | | | |
| | Ruvu Rift ) | | | | | | | | |
| | Mandawa Rift ) | | | | | | | | |
| | Kenya ) | | | | | | | | |
| | Tanga Rift ) | | | | | | | | |
| | Zambia | | | | | | | | |
| | Luangwa ) | | | | | | | | |
| | Luana ) | | | | | | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| | Lukasashi ) | | | | | | | | |
| | Kafue ) | | | | | | | | |
| | Zimbabwe | | | | | | | | |
| | Kariba ) | | | | | | | | |
| 5057 | | | | | | | | | |
| 5058 | E. African Rift Basins (Total) | | | | 0.3 | 0.6 | 1.5 | 0.8 | 0.60 |
| | Western Trend (Mobuta-Urema) | | | | | | | | |
| | Zaire (27%) | | | | 0.1 | 0.15 | 0.4 | 0.2 | |
| | Uganda (12%) | | | | | | Ng | 0.1 | |
| | Rwanda | | | | | Ng | | | |
| | Burundi (2%) | | | | | | Ng | | |
| | Tanzania (32%) | | | | 0.1 | 0.2 | 0.6 | 0.3 | |
| | Malawi (20%) | | | | 0.1 | 0.15 | 0.4 | 0.2 | |
| | Mozambique (5%) | | | | | | Ng | | |
| MOZAMBIQUE | | | | | | | | | |
| 5059 | Limpopo | | | | 0.1 | 0.15 | 0.4 | 0.2 | 0.15 |
| TANZANIA | | | | | | | | | |
| 5060 | Tanzania B. | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| MADAGASCAR | | | | | | | | | |
| 5061 | Morondava ) | | | | 0.6 | 1.2 | 2.7 | 1.5 | 1.20 |
| 5062 | Majunga ) | | | | | | | | 1.20 |
| 5063 | Tamatavi | | | | | NA | | | 0.00 |
| 5064 | Malagasy Plat | | | | | NA | | | 0.00 |
| SEYCHELLES | | | | | | | | | |
| 5065 | Seychelles B. | | | | | Ng | | | 0.01 |
| 5066-5099 | | | | | | | | | |
| 5102-6000 | | | | | | | | | |
| MIDDLE EAST (Total) | | 6.4 | 184.6 | 597.2 | 74.6 | 117.4 | 236.0 | 141.1 | |
| TURKEY | | | | | | | | | |
| 6001 | Antalya | | | | | Ng | | | 0.01 |
| 6002 | Tuz Golu | | | | | Ng | | | 0.01 |
| 6003 | Adana | | | | | Ng | | | 0.01 |
| 6004 | Isken-Durum | | | | | Ng | | | 0.01 |
| 6005 | Erzurum-Aras | | | | | Ng | | | 0.01 |
| 6006 | Araks | | | | | Ng | | | 0.01 |
| 6007 | Musvan | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| IRAN | | | | | | | | | |
| 6008 | Tuzlu-Gol | | | | | Ng | | | 0.01 |
| 6009 | Grand Kavir | | | | | Ng | | | 0.01 |
| 6010 | Qum Ardekan | | | | | Ng | | | 0.01 |
| 6011 | Gavkhaneh | | | | | Ng | | | 0.01 |
| 6012 | Sirjan | | | | | Ng | | | 0.01 |
| 6013 | Arabian Iranian (Total) | | 166.9 | 545.4 | 74.6 | 117.4 | 236.0 | 136.0 | 662.8 |
| 6014-19 | | | | | | | | | |
| | JORDAN | | | | | NA | | | |
| | SAUDI ARABIA | 3.0 | 65.6 | 258.6 | 31.2 | 50.0 | 105.0 | 61.3 | |
| | KUWAIT | 0.3 | 24.6 | 85.7 | 1.0 | 2.0 | 7.0 | 3.2 | |
| | NEUTRAL ZONE | 0.1 | 4.9 | 13.7 | 1.0 | 2.0 | 4.0 | 2.4 | |
| | SYRIA | 0.2 | 1.8 | 3.9 | | NA | | | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| IRAQ | 0.2 | 22.1 | 90.8 | 15.0 | 35.0 | 80.0 | 44.7 | |
| IRAN | 1.2 | 40.6 | 69.2 | 11.0 | 19.0 | 35.0 | 22.0 | |
| UAE | 0.9 | 14.5 | 61.1 | 2.4 | 4.2 | 10.9 | 5.7 | |
| QATAR | | | | | NA | | | |
| OMAN | 0.3 | 3.9 | 7.5 | 0.4 | 1.0 | 4.0 | 1.8 | |
| BAHRAIN | | | | | Ng | | | |
| 6014-19 | | | | | | | | |
| YEMEN | | | | | | | | |
| 6020 Marib-Shabwa | | | 2.0 | | NA | | | 2.00 |
| 6021 Jeza | | | Ng | | NA | | | 0.01 |
| 6022 Sayhut | | | Ng | | NA | | | 0.01 |
| 6023-7000 | | | | | | | | |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| FORMER SOVIET UNION (Total) | | | 109 | 129 | 68 | 115 | 278 | 151 | |
| 7001 | Barents, Russian | | 0 | 0.1 | 1 | 3 | 8 | 4 | 3.1 |
| 7002 | Timan Pechora | | 2.7 | 9.0 | 2 | 4 | 8 | 4.6 | 13.0 |
| 7003 | Moscow | | | | | Ng | | | 0.01 |
| 7004 | Pripyat | | 0.6 | 0.6 | <0.1 | 0.2 | 0.5 | 0.3 | 0.80 |
| 7005 | Dnieper Donetz | | 1.2 | 0.7 | 0.2 | 0.7 | 1.5 | 0.8 | 1.40 |
| 7006 | No. Black Sea-Crimean | | | | NA | | | | 0.0 |
| 7007 | Volga Urals | | 41.0 | 21.0 | 1.0 | 2.5 | 7.0 | 3.5 | 23.50 |
| 7008 | No. Caspian | | 1.0 | 16.0 | 10.0 | 30.0 | 100.0 | 45.4 | 46.00 |
| 7009 | Middle Caspian | | 8.4 | 6.5 | 2.0 | 3.5 | 7.0 | 4.1 | 10.00 |
| 7010 | So. Caspian | | 12.1 | 5.0 | 3.0 | 6.0 | 15.0 | 7.9 | 11.00 |
| 7011 | Azov Kuban | | | | | NA | | | 0.0 |
| 7012 | No. Ustyurt | | 0.4 | 2.2 | 1.0 | 1.5 | 3.0 | 1.8 | 3.70 |
| 7013 | East Aral | | | | | NA | | | 0.0 |
| 7014 | Amu Darya | | 0.3 | 0.7 | 0.5 | 3.0 | 6.0 | 3.2 | 3.70 |
| 7015 | South Turgay | | 0 | 0.7 | 1.0 | 1.5 | 6.0 | 2.7 | 2.20 |
| 7016 | Chu Sarysu | | 0 | 0 | 0 | 0 | 0 | 0 | 0.01 |
| 7017 | Fergana | | 0.4 | 1.0 | 2.0 | 3.0 | 8.0 | 4.2 | 4.00 |
| 7018 | So. Tadjik | | Ng | <.1 | 0.1 | 0.3 | 1.5 | 0.6 | 0.40 |
| 7019 | Naryn | | | | | NA | | | 0.0 |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 7020 | Issyk Kul | | | | | NA | | | 0.00 |
| 7021 | Ill | | | | | NA | | | 0.00 |
| 7022 | Zaysan | | | | | NA | | | 0.00 |
| 7023 | West Siberia (incl. Kara Sea) | 39.0 | | 60.0 | 20.0 | 40.0 | 100.0 | 52.4 | 100.00 |
| 7024 | | | | | | | | | |
| 7025 | Laptev Sea | | | | | NA | | | 0.00 |
| 7026 | Khatanga | | | | 0.2 | 0.5 | 4.0 | 1.4 | 0.50 |
| 7027 | Lena Tunguska | 0 | | 3.0 | 3.0 | 7.0 | 25.0 | 11.3 | 10.00 |
| 7028 | Northeast Siberian Shelf | | | | | NA | | | 0.00 |
| 7029 | Verkhoyansk | 0 | | 0 | | Ng | | | 0.01 |
| 7030 | Vilyuy | | | | | Ng | | | 0.01 |
| 7031 | Indegirka Zyryanka | 0 | | 0 | | NA | | | 0.00 |
| 7032 | Anadyr | | | | | NA | | | 0.00 |
| 7033 | Khatyrka | | | | | NA | | | 0.00 |
| 7034 | Kinkil | | | | | NA | | | 0.00 |
| 7035 | West Okhotsk | | | | | NA | | | 0.00 |
| 7036 | North Okhotsk | | | | | NA | | | 0.00 |
| 7037 | East Kamchatka | | | | | NA | | | 0.00 |
| 7038 | No. Sakhalin | 0.7 | | 1.4 | 1.0 | 2.5 | 5 | 2.8 | 3.90 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 7039 | West Sakhalin | | | | | NA | | | 0.00 |
| 7040 | Ushumun | | | | | NA | | | 0.00 |
| 7041 | Zeya Bureya | | | | | NA | | | 0.00 |
| 7042 | Upr. Bureya | | | | | NA | | | 0.00 |
| 7043 | Middle Amur | | | | | NA | | | 0.00 |
| 7044-49 | | | | | | | | | |
| MONGOLIA (Total) | | | | | 0.15 | 0.26 | 1.0 | 0.5 | |
| 7050 | E.Gobi Depression | | | | .04 | 0.08 | 0.2 | 0.1 | 0.08 |
| 7051 | Dzunbain Depression | | | | .04 | 0.08 | 0.2 | 0.1 | 0.08 |
| 7052 | Tamtsag Depr. | | | | .05 | 0.1 | 0.4 | 0.3 | 0.10 |
| 7053-8000 | | | | | | | | | |
| ASIA/OCEANIA (Total) | | 2.4 | 46.3 | 71.2 | 31.3 | 53.2 | 132.5 | 70.9 | |
| CHINA (Total) | | 1.0 | 14.1 | 31.4 | 17.5 | 30.5 | 83.1 | 42.7 | |
| 8001 | Hailar | | | | 0.3 | 0.5 | 1.5 | 0.8 | 0.50 |
| 8002 | Erlian | | | | 0.3 | 0.5 | 1.5 | 0.8 | 0.50 |
| 8003 | Songliao | | 7.9 | 9.3 | 1.0 | 2.0 | 4.0 | 2.3 | 11.30 |
| 8004 | North China (Bohaiwan) | | 6.3 | 13.4 | 2.5 | 4.5 | 10.0 | 5.4 | 17.90 |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 8005 | Nanxiang | | | | | Ng | | | 0.01 |
| 8006 | Jianghan | | | | 0.05 | 0.1 | 0.2 | 0.12 | 0.10 |
| 8007 | No. Yellow Sea | | | | | Ng | | | 0.01 |
| 8008 | Subei | | | | 0.03 | 0.05 | 0.15 | 0.8 | 0.05 |
| 8009 | Kyongsang (Korea) | | | | | Ng | | | 0.01 |
| 8010 | East China Sea ) | | | | | | | | 3.00 |
| 8011 | Okinawa Trough ) | | | | 1.7 | 3.0 | 8.0 | 4.2 | 3.00 |
| 8012 | Ryuku ) | | | | | | | | 3.00 |
| 8013 | Taiwan | | | | | NA | | | 0.00 |
| 8014 | Pearl River (Zhujiangkou) | | 0.0 | 0.66 | 0.3 | 0.5 | 1.2 | 0.7 | 1.16 |
| 8015 | S.E. Hainan (Qiondongnan) | | | 0 | | Ng | | | 0.01 |
| 8016 | Beibuwan | | | | 0.05 | 0.1 | 0.25 | 0.13 | 0.10 |
| 8017 | Niigata (Jap.) | | | | | NA | | | 0.00 |
| 8018 | Akita (Jap.) | | | | | NA | | | 0.00 |
| 8019 | Paracels | | | | | NA | | | 0.00 |
| 8020 | Sechuan | | 0.06 | 1.09 | 0.5 | 1.0 | 2.5 | 1.3 | 2.09 |
| 8021 | Nanpanjiang | | | | | Ng | | | 0.01 |
| 8022 | Bose | | | | | Ng | | | 0.01 |
| 8023 | Ordos | | 0.14 | 0.52 | 0.3 | 0.5 | 1.2 | 0.7 | 1.02 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 8024 | Chaoshui | | | | | Ng | | | 0.01 |
| 8025 | Jiuquan | | | | 0.3 | 0.5 | 1.0 | 0.6 | 0.50 |
| 8026 | Chaidamu | | 0.13 | 1.64 | 1.4 | 2.5 | 7.5 | 3.8 | 4.14 |
| 8027 | Tarim | | 0.01 | 0.4 | 6.0 | 11.0 | 30.0 | 16.0 | 11.40 |
| 8028 | Zhungaer | | 0.79 | 3.39 | 1.6 | 3.0 | 9.0 | 4.5 | 6.39 |
| 8029 | Tulufan | | 0.0 | 0.05 | 0.4 | 0.7 | 2.1 | 1.1 | 0.75 |
| 8030 | Lunpola | | | | | Ng | | | 0.01 |
| 8031 | Qamdo | | | | | Ng | | | 0.01 |
| 8032- 8034 | | | | | | | | | |
| PAKISTAN (Total) | | | 0.2 | 0.5 | 0.1 | 0.2 | 0.6 | 0.3 | |
| 8035 | Potwar | | | | 0.05 | 0.1 | 0.20 | 0.12 | 0.10 |
| 8036 | Indus | | 0.2 | 0.4 | 0.10 | 0.2 | 0.40 | 0.23 | 0.60 |
| 8037 | Makran | | | 0 | | Ng | | | 0.01 |
| 8038-39 | | | | | | | | | |
| INDIA (Total) | | 0.2 | 3.5 | 6.5 | 0.8 | 1.5 | 4.1 | 2.1 | |
| 8040 | Indo Gangetic | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 8041 | Kutch | | 0.2 | 0.57 | 0.2 | 0.4 | 1.7 | 0.6 | 0.97 |
| 8042 | Cambay | | 0.53 | 0.66 | 0.07 | 0.15 | 0.4 | 0.16 | 0.81 |
| 8043 | | | | | | | | | |
| 8044 | Bombay Shelf | | 1.5 | 3.9 | 0.4 | 0.8 | 2.5 | 1.0 | 4.70 |
| 8045 | Konkan | | | | 0.07 | 0.1 | 0.3 | 0.1 | 0.10 |
| 8046 | No. Assam | | 0.77 | 1.5 | 0.05 | 0.1 | 0.3 | 0.1 | 1.60 |
| 8047 | Godavari Graben | | | | | Ng | | | 0.01 |
| 8048 | Krishna Godavari | | 0.0 | 0.23 | 0.1 | 0.2 | 0.5 | 0.2 | 0.43 |
| 8049 | Palar | | | | 0.03 | 0.05 | 0.12 | 0.05 | 0.05 |
| 8050 | Cauvery | | | | 0.1 | 0.15 | 0.3 | 0.2 | 0.15 |
| 8051 | Bengal Fan (Total) | | | | 0.3 | 0.5 | 1.0 | 0.6 | 0.50 |
| | India (38%) | | | | 0.08 | 0.17 | 0.35 | 0.2 | |
| | Bangladesh (62%) | | | | 0.15 | 0.3 | 0.6 | 0.35 | |
| | Myanmar (+) | | | | | | | | |
| 8052 | Bengal B. (Total) | | | | 0.12 | 0.23 | 0.5 | 0.28 | 0.23 |
| | Bangladesh (86%) | | | | 0.1 | 0.2 | 0.4 | 0.23 | |
| | Myanmar (14%) | | | | 0.02 | 0.04 | 0.1 | 0.05 | |
| 8053-4 | | | | | | | | | |
| MYANMAR | | | 0.49 | 0.19 | 0.5 | 0.9 | 2.0 | 1.45 | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| (8051) Bengal Fan (+) | | | | | | | | |
| (8052) Bengal B. (14%) | | | | 0.02 | 0.04 | 0.1 | 0.05 | |
| 8055 Burma B. | | 0.49 | 0.19 | 0.5 | 0.9 | 3.1 | 1.4 | 1.09 |
| 8056 Andaman | | | | | NA | | | 0.00 |
| 8057-9000 | | | | | | | | |
| SOUTH EAST ASIA | | | | | | | | |
| INDONESIA (Total) | 0.5 | 13.8 | 13.0 | 3.7 | 6.1 | 13.7 | 7.7 | |
| Sumatra Java (Total) | | | | 1.5 | 2.8 | 5.9 | 3.1 | |
| 9001 Sumatra Outer Arc | | | | | Ng | | | 0.01 |
| 9002 No. Sumatra | | 0.47 | 0.19 | 0.1 | 0.2 | 0.5 | 0.27 | 0.39 |
| 9003 Central Sumatra | | 7.51 | 6.72 | 1.0 | 1.7 | 5.0 | 2.1 | 8.42 |
| 9004 South Sumatra | | 1.75 | 0.91 | 0.3 | 0.4 | 1.2 | 0.7 | 1.31 |
| 9005 Java Outer Arc | | | | | Ng | | | 0.01 |
| 9006 NW Java | | 1.5 | 3.2 | 0.3 | 0.4 | 1.0 | 0.6 | 3.60 |
| 9007 E. Java Sea | | | | 0.05 | 0.1 | 0.2 | 0.12 | 0.10 |
| 9008 Lombok | | | | | Ng | | | 0.01 |
| Banda Sea Area | | | | | | | | |
| 9009 Savu | | | | | Ng | | | 0.01 |
| 9010 So. Banda | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 9011 | Weber | | | | | Ng | | | 0.01 |
| 9012 | N. Banda | | | | | Ng | | | 0.01 |
| 9013 | Gorontalo | | | | | Ng | | | 0.01 |
| 9014 | So. Celebes | | | | | Ng | | | 0.01 |
| 9015 | Bone | | | | | Ng | | | 0.01 |
| 9016 | Flores | | | | | Ng | | | 0.01 |
| | Kalimantan (Total) | | | | 1.4 | 2.7 | 7.0 | 3.6 | |
| 9017 | So. Makassar | | | | | Ng | | | 0.01 |
| 9018 | Tarakan | | | | 0.1 | 0.2 | 0.4 | 0.25 | 0.20 |
| 9019 | Kutei | | 2.0 | 1.4 | 0.7 | 1.4 | 4.0 | 2.0 | 2.80 |
| 9020 | Upr. Kutei | | | | | Ng | | | 0.01 |
| 9021 | Kapuas | | | | | Ng | | | 0.01 |
| 9022 | Melawi | | | | | Ng | | | 0.01 |
| 9023 | W. Natuna | | 0.07 | 0.29 | 0.6 | 1.1 | 2.6 | 1.4 | 1.39 |
| 9024 | E. Natuna (Sokang) | | | | | Ng | | | 0.01 |
| 9025 | Barito | | | | | Ng | | | 0.01 |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| Irian Jaya (Total) | | | | 0.7 | 1.9 | 5.0 | 2.6 | |
| 9026 Salawati | | | | 0.7 | 1.3 | 3.0 | 1.8 | 1.30 |
| 9027 Waropen | | | | | Ng | | | 0.01 |
| 9028 Arafuru | | | | 0.3 | 0.6 | 2.0 | 1.1 | 0.60 |
| 9029-34 | | | | | | | | |
| MALAYSIA (Total) | 0.2 | 2.7 | 7.3 | 2.4 | 4.0 | 10.0 | 6.0 | |
| 9035 Malay | | 1.1 | 3.9 | 1.0 | 2.0 | 6.0 | 3.4 | 5.90 |
| 9036 Penyu | | Ng | 0.29 | 0.03 | 0.1 | 0.2 | 0.1 | 0.39 |
| 9037 Sarawak | | 0.1 | 0.7 | 0.4 | 0.7 | 1.5 | 0.7 | 1.40 |
| 9038 Sabah | | 0.19 | 0.57 | 0.5 | 1.0 | 2.4 | 1.2 | 1.57 |
| 9039 | | | | | | | | |
| (9040) Baram Delta (20%) | | 0.6 | 0.4 | 0.05 | 0.15 | 0.6 | 0.3 | |
| BRUNEI | 0.1 | 2.4 | 1.8 | 0.3 | 0.6 | 1.2 | 0.7 | |
| 9040 Baram Delta (Total) | | 3.3 | 2.2 | 0.3 | 0.6 | 2.0 | 1.0 | 2.80 |
| Malaysia (20%) | | 0.6 | 0.4 | 0.05 | 0.15 | 0.6 | 0.3 | |
| Brunei (80%) | | 2.4 | 1.8 | 0.3 | 0.6 | 1.2 | 0.7 | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| PHILIPPINES (Total) | | | 0.04 | 0.3 | 0.9 | 1.6 | 2.8 | 1.8 | |
| 9041 | NW Palawan | | 0.03 | 0.4 | 0.5 | 1.0 | 2.0 | 1.2 | 1.40 |
| 9042 | S.E. Palawan | | | | 0.3 | 0.5 | 1.0 | 0.6 | 0.50 |
| 9043 | Kayagan | | | | | Ng | | | 0.01 |
| 9044 | Central Valley | | | | | Ng | | | 0.01 |
| 9045 | Luzon | | | | | Ng | | | 0.01 |
| 9046 | Visayan | | | | | Ng | | | 0.01 |
| 9047 | Aqusan | | | | | Ng | | | 0.01 |
| 9048 | Davao | | | | | Ng | | | 0.01 |
| 9049 | Spratley | | | | | Ng | | | 0.01 |
| PAPUA NEW GUINEA | | | | | | NA | | | |
| 9050 | Papuan | | 0.0 | 0.31 | | NA | | | 0.31 |
| PACIFIC ISLANDS | | | | | | Ng | | | |
| 9051 | Bismarck | | | | | Ng | | | 0.01 |
| 9052 | Bouganville | | | | | Ng | | | 0.01 |
| 9053 | Solomon | | | | | Ng | | | 0.01 |
| 9054 | Huon | | | | | Ng | | | 0.01 |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 9055-59 | | | | | | | | |
| THAILAND (Total) | | 0.1 | 0.2 | 0.5 | 1.0 | 2.9 | 1.4 | |
| 9060 Gulf of Thailand | | | 0.1 | 0.3 | 0.6 | 1.5 | 0.8 | 0.70 |
| 9061 Chao Phaya | | | 0.1 | 0.15 | 0.25 | 0.8 | 0.4 | 0.35 |
| 9062 Fang | | | | 0.03 | 0.05 | 0.1 | 0.06 | 0.05 |
| 9063 Khorat | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| CAMBODIA | | | | | Ng | | | |
| 9064 Tonle Sap | | | | | Ng | | | 0.01 |
| VIETNAM (Total) | | 0.1 | 0.9 | 3.0 | 6.0 | 10.7 | 6.6 | |
| 9065 Yinggehai | | | | 0.05 | .1 | 0.3 | 0.15 | 0.10 |
| 9066 Quangda | | | 0.3 | 0.6 | 1.2 | 3.0 | 1.3 | 1.50 |
| 9067 Mekong | | | 0.6 | 1.3 | 2.3 | 4.0 | 2.4 | 2.90 |
| 9068 Namconson | | | 0.2 | 1.0 | 2.1 | 4.0 | 2.8 | 2.30 |
| 9069-10000 | | | | | | | | |

**OIL 8/98**

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| AUSTRALIA (Total) | | | | | 1.0 | 2.1 | 6.4 | 3.1 | |
| NW Margin (Total) | | | 0.2 | 0.3 | 0.8 | 1.5 | 3.5 | 2.0 | |
| 10001 | Naturaliste Plateau | | | | | Ng | | | 0.01 |
| 10002 | Wallaby Plateau | | | | | Ng | | | 0.01 |
| 10003 | Perth | | | | | Ng | | | 0.01 |
| 10004 | Carnarvon, No.) | | 0.3 | 1.1 | 0.1 | 0.2 | 0.5 | 0.3 | 1.30 |
| 10005 | Carnarvon, So.) | | | | | | | | 1.30 |
| 10006 | Canning | | | | | Ng | | | 0.01 |
| 10007 | Browse | | 0.02 | 0.26 | 0.1 | .2 | 0.5 | 0.3 | 0.46 |
| 10008 | Bonaparte | | 0.07 | 0.16 | 0.4 | .8 | 2.0 | 0.9 | 0.96 |
| 10009 | Money Shoal | | | | 0.1 | .2 | 0.5 | 0.3 | 0.20 |
| Central Basins (Total) | | | 0.002 | 0.04 | 0.03 | 0.05 | 0.15 | 0.08 | |
| 10010 | Bangemall | | | | | Ng | | | 0.01 |
| 10011 | Officer | | | | | Ng | | | 0.01 |
| 10012 | Arrowie | | | | | Ng | | | 0.01 |
| 10013 | Amadeus | | | | 0.03 | 0.05 | 0.15 | 0.08 | 0.05 |
| 10014 | Ngalia | | | | | Ng | | | 0.01 |
| 10015 | Ord | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 10016 | Victoria | | | | | Ng | | | 0.01 |
| 10017 | Kimberlie | | | | | Ng | | | 0.01 |
| 10018 | Georgina | | | | | Ng | | | 0.01 |
| 10019 | Daly | | | | | Ng | | | 0.01 |
| 10020 | MacArthur | | | | | Ng | | | 0.01 |
| Eastern Basins (Total) | | | 0.07 | 0.01 | 0.06 | 0.1 | 0.3 | 0.15 | |
| 10021 | Carpenteria | | | | | Ng | | | 0.01 |
| 10022 | Eromanga | | 0.0 | 0.0 | 0.03 | 0.06 | 0.18 | 0.09 | 0.06 |
| 10023 | Cooper | | 0.1 | 0.29 | | Ng | | | 0.29 |
| 10024 | Bowan | | | | | Ng | | | 0.01 |
| 10025 | Surat | | 0.0 | 0.01 | 0.02 | 0.04 | 0.12 | 0.06 | 0.05 |
| 10026 | Sidney | | | | | Ng | | | 0.01 |
| 10027 | Murray | | | | | Ng | | | 0.01 |
| 10028 | Maryborough/Capricorn | | | | | Ng | | | 0.01 |
| 10029 | Ipswich | | | | | Ng | | | 0.01 |
| 10030 | Clarence-Moreton | | | | | Ng | | | 0.01 |
| 10031-34 | | | | | | | | | |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| Southern Basins (Total) | | | 2.2 | 1.45 | 0.3 | 0.5 | 1.3 | 0.8 | |
| 10035 | Bremer | | | | 0.03 | 0.05 | 0.15 | 0.08 | 0.05 |
| 10036 | Great Australian Bight | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| 10037 | Polda | | | | | Ng | | | 0.01 |
| 10038 | Eucla | | | | | Ng | | | 0.01 |
| 10039 | Stansbury | | | | | Ng | | | 0.01 |
| 10040 | Otway | | | | | Ng | | | 0.01 |
| 10041 | Bass | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.10 |
| 10042 | Gippsland | | 2.6 | 1.8 | 0.2 | 0.3 | 0.6 | 0.4 | 2.10 |
| NE Margin Basins (Total) | | | | | | NA | | | |
| 10043 | Osprey | | | | | Ng | | | 0.01 |
| 10044 | Laura | | | | | Ng | | | 0.01 |
| 10045 | Queensland | | | | | Ng | | | 0.01 |
| 10046 | Townsville | | | | | Ng | | | 0.01 |
| 10047 | Lord Howe Rise | | | | | Ng | | | 0.01 |
| NEW ZEALAND (Total) | | | | | 0.07 | 0.1 | 0.3 | 0.15 | |
| 10048 | Challenger | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 10049 | Taranaki | | 0.03 | 0.26 | 0.03 | 0.06 | 0.18 | 0.10 | 0.32 |
| 10050 | Hawkes Bay | | | | 0.02 | 0.04 | 0.10 | 0.05 | 0.04 |
| 10051 | Chatham | | | | | Ng | | | 0.01 |
| 10052 | Solander | | | | | Ng | | | 0.01 |
| 10053 | Canterbury | | | | | Ng | | | 0.01 |
| 10054-11100 | | | | | | | | | |
| AUSTRALIA/NEW ZEALAND (Total) | | 0.2 | 3.2 | 3.0 | 1.1 | 2.1 | 6.7 | 3.2 | |
| ANTARCTICA[1] (Total) | | 0 | 0 | 0 | 0 | 0 | 19.0 | 0 | |
| Fore Arc | | | | | | | | | |
| 11101 | Alexander | | | | | | 0.1 | | 0.01 |
| 11102 | Amundsen | | | | | | 0.1 | | 0.01 |
| Back Arc | | | | | | | | | |
| 11103 | Larsen | | | | | | 3.0 | | 0.01 |
| 11104 | Marie Byrd | | | | | | 2.3 | | 0.01 |
| Interior Rift | | | | | | | | | |
| 11105 | Weddell | | | | | | 5.0 | | 0.01 |
| 11106 | Ross | | | | | | 5.0 | | 0.01 |

[1] Assessments originally based on analog relations with comparable areas (see Kingston, 1991). Subsequent analysis determined there to be no most likely occurrence of commercial oil; only low probability, 5%, values were assessed.

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 11107 | Amery | | | | | | 0.3 | | 0.01 |
| Interior Sag | | | | | | | | | |
| 11108 | Wilkes | | | | | | Ng | | 0.01 |
| 11109 | Aurora | | | | | | Ng | | 0.01 |
| Marginal Rift[2] | | | | | | | | | |
| 11110 | "Australia" | | | | | | 1.0 | | 0.01 |
| 11111 | "India" | | | | | | 1.0 | | 0.01 |
| 11112 | "Africa" | | | | | | 0.1 | | 0.01 |
| 11113 | "Falkland" | | | | | | 0.5 | | 0.01 |

[2] Below listed names refer to adjoining areas prior to pull apart separation. Several discrete basins likely occur in each zone.

**TABLE 2: World Conventional Natural Gas Resources, by Basin, in Trillions ($10^{12}$) of Cubic Feet**

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| NORTH AMERICA | 23.1 | 899.1 | 537.8 | 455.7 | 715.0 | 1427.2 | 856.5 | |
| USA | 17.8 | 795.5 | 339.0 | 232.9 | 292.6 | 385.2 | 303.0 | |
| REGION 1 ALASKA | | | | | | | | |
| 990 Northern Alaska | | | 30.30 | | 50.0 | | | 80.30 |
| 991 Central Alaska | | | 0.00 | | 1.0 | | | 1.00 |
| 992 Southern Alaska | | | 2.67 | | 1.96 | | | 4.63 |
| 993 | | | | | | | | |
| 1001 N. Aleutian St. George | | | 0.00 | | 0.0 | | | 0.00 |
| 1002 Navarin | | | 0.00 | | 0.0 | | | 0.00 |
| 1003 Norton | | | 0.00 | | 0.0 | | | 0.00 |
| 1004 | | | | | | | | |
| 1005 Hope | | | 0.00 | | 0.0 | | | 0.00 |
| 1006 Chukchi Sea | | | 0.00 | | 0.0 | | | 0.00 |
| 1007 | | | | | | | | |
| 1008 Beaufort Shelf | | | 0.0 | | 7.6 | | | 7.6 |
| 1009-12 | | | | | | | | |

LEGEND
) Basins joined for assessment presentation
() Indicates basin also listed under another country-no futures calculations
Ng Negligible
NA Not assessed
1009-12 Numbers with no following data are unused

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1013 | Cook Inlet | | | 0.00 | | 0.00 | | | 0.00 |
| 1014 | Gulf of Alaska/Shumagin | | | 0.00 | | 0.00 | | | 0.00 |
| 1015 | Queen Charlotte | | | 0.00 | | 0.00 | | | 0.00 |
| 1016 | Winona | | | 0.00 | | 0.00 | | | 0.00 |
| 1017 | Tufino | | | 0.00 | | 0.00 | | | 0.00 |
| 1018 | Georgia | | | 0.00 | | 0.00 | | | 0.00 |
| Lower 48 | | | | | | | | | |
| Pacific Coast | | | | | | | | | |
| 994 | Pacific Northwest (Offshore) | | | 0.00 | | 0.00 | | | 0.00 |
| 995 | Northern Coastal | | | 0.01 | | 0.93 | | | 0.94 |
| 996 | Central Coastal | | | 0.01 | | 0.13 | | | 0.14 |
| 997 | Sonoma-Livermore | | | 0.00 | | 0.00 | | | 0.00 |
| 998 | Central California (Offshore | | | 0.66 | | 0.93 | | | 1.59 |
| 999 | | | | | | | | | |
| 1000 | Salton Trough | | | 0.00 | | 0.00 | | | 0.00 |
| 1019 | Eastern Oregon-Washington | | | 0.00 | | 0.00 | | | 0.00 |
| 1020 | Western Oregon-Washington | | | 0.02 | | 0.60 | | | 0.62 |
| 1021 | | | | | | | | | |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | |
|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod.Id. Rsvs. | 95% | Md | 5% Mn Futures |
| 1022 | Sacramento | | 0.44 | | 2.84 | 3.28 |
| 1023 | San Joaquin | | 1.60 | | 2.50 | 4.10 |
| 1024 | Ventura, Santa Barbara | | 1.73 | | 0.90 | 2.63 |
| 1025 | Los Angeles | | 0.20 | | 1.46 | 1.66 |
| 1026 | San Diego-Oceanside - Outerbanks-USA | | 0.00 | | 0.00 | 0.00 |
| 1027 | Santa Maria | | 0.70 | | 0.06 | 0.76 |
| 1028 | Klamath Sierra Nevada | | 0.00 | | NA | 0.00 |
| Colorado Plateau and Basin and Range | | | | | | |
| 1029 | Southern Arizona- South West New Mexico | | 0.00 | | 0.18 | 0.18 |
| 1030 | Idaho-Snake River Downwarp | | 0.00 | | 0.00 | 0.00 |
| 1031 | Western Great Basin | | 0.00 | | 0.00 | 0.00 |
| 1032 | Eastern Great Basin - Railroad Valley | | 0.00 | | 0.01 | 0.01 |
| 1036 | Northern Arizona | | 0.00 | | 0.00 | 0.00 |
| 1044 | Uinta-Piceance | | 1.99 | | 3.00 | 4.99 |
| 1045 | Paradox | | 0.21 | | 1.89 | 2.10 |
| 1046 | San Juan | | 18.39 | | 0.80 | 19.19 |
| 1047-48 | | | | | | |
| 1051 | South-Central New Mexico - Rio Grande Rift | | 0.00 | | 0.00 | 0.00 |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | |
|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% Md 5% Mn | Futures |
| 1052 | Albuquerque-Santa Fe Rift | | | 0.00 | 0.00 | 0.00 |
| | Rocky Mountains and Northern Great Plains | | | | | |
| 1033 | Montana Thrust Belt | | | 0.00 | 0.00 | 0.00 |
| 1034 | Central Montana | | | 0.74 | 0.81 | 1.55 |
| 1035 | Wyoming Thrust Belt | | | 2.13 | 10.52 | 12.65 |
| 1037 | South West Montana - Crazy Mountain | | | 0.01 | 0.24 | 0.25 |
| 1038 | Big Horn | | | 0.22 | 0.40 | 0.62 |
| 1039 | Wind River | | | 0.99 | 1.05 | 2.04 |
| 1040 | Powder River | | | 0.37 | 1.20 | 1.57 |
| 1042 | Park Basins | | | 0.00 | 0.00 | 0.00 |
| 1043 | South West Wyoming - Greater Green R. | | | 8.05 | 1.40 | 9.45 |
| 1049 | Denver | | | 1.24 | 0.50 | 1.74 |
| 1050 | Raton Basin-Sierra Grande Uplift | | | 0.00 | 0.00 | 0.00 |
| 1053 | Las Animas Arch | | | 0.05 | 0.47 | 0.52 |
| 1054 | Sioux Arch | | | 0.00 | 0.00 | 0.00 |
| 1060 | Williston | | | 0.58 | 1.60 | 2.18 |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | |
|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. 95% | Md 5% | Mn Futures |
| West Texas and Eastern New Mexico | | | | | | |
| 1082 | Pedernal Uplift | | 0.00 | 0.00 | | 0.00 |
| 1065 | Palo Duro | | 0.02 | 0.01 | | 0.03 |
| 1066 | Permian | | 13.42 | 15.00 | | 28.42 |
| 1067 | Bend Arch-Fort Worth | | 1.01 | 1.80 | | 2.81 |
| 1086 | Marathon Thrust Belt | | 0.03 | 0.14 | | 0.17 |
| Gulf Coast Onshore | | | | | | |
| 1084 | Louisiana-Mississippi Salt Basin) | | 14.10 | 29.43 | | 43.53 |
| 1085 | East Texas ) | | | | | 43.53 |
| 1088 | Florida Peninsula | | 0.00 | 0.03 | | 0.03 |
| 1090 | Western Gulf, Onshore | | 18.07 | 50.0 | | 68.07 |
| Midcontinent | | | | | | |
| 1041 | Superior | | 0.00 | 0.00 | | 0.00 |
| 1055 | Iowa Shelf | | 0.00 | 0.00 | | 0.00 |
| 1056 | Cambridge Arch-Central Kansas | | 0.05 | 0.33 | | 0.38 |
| 1057 | Nemaha Uplift | | 0.17 | 0.44 | | 0.61 |
| 1058 | Ozark Uplift | | 0.00 | 0.00 | | 0.00 |
| 1059 | Cherokee | | 0.07 | 0.17 | | 0.24 |
| 1061 | Salina | | 0.01 | 0.00 | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1062 | Forest City | | | 0.02 | | 0.00 | | | 0.02 |
| 1063 | Anadarko | | | 19.45 | | 13.90 | | | 33.35 |
| 1064 | Arkoma | | | 3.60 | | 1.80 | | | 5.40 |
| 1083 | Southern Oklahoma | | | 0.87 | | 0.97 | | | 1.84 |
| 1087 | Sedgwick | | | 0.23 | | 0.00 | | | 0.23 |
| Eastern Onshore | | | | | | | | | |
| Atlantic Gulf Offshore | | | | | | | | | |
| 1068 | Michigan Basin | | | 1.38 | | 5.50 | | | 6.88 |
| 1069 | Illinois Basin | | | 0.00 | | 0.40 | | | 0.40 |
| 1070 | Appalachian Basin | | | 0.16 | | 2.20 | | | 2.36 |
| 1071 | Black Warrior Basin | | | 1.12 | | 1.94 | | | 3.06 |
| 1072 | Georges Bank (No. Atlantic) | | | 0.00 | | 0.00 | | | 0.00 |
| 1073 | Baltimore Cyn. (Mid Atlantic) | | | 0.00 | | 5.36 | | | 5.36 |
| 1074 | New England | | | 0.00 | | 0.00 | | | 0.00 |
| 1075 | Blue Ridge Thrust Belt | | | 0.00 | | 0.00 | | | 0.00 |
| 1076 | Adirondack | | | 0.00 | | 0.00 | | | 0.00 |
| 1077 | Cincinnati Arch | | | 0.00 | | 0.02 | | | 0.02 |
| 1078 | Atlantic Coastal Plain | | | 0.00 | | 0.00 | | | 0.00 |
| 1079 | Carolina Trough | | | 0.00 | | 0.00 | | | 0.00 |
| 1080 | Blake Plateau (So. Atlantic) | | | 0.00 | | 0.00 | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1081 | Piedmont | | | 0.00 | | 0.00 | | | 0.00 |
| 1089 | Western Gulf (Offshore) | | | 50.30 | | 88.49 | | | 138.79 |
| 1091 | Eastern Gulf (Offshore) | | | 2.50 | | 1.27 | | | 3.77 |
| 1092 | Florida Bahamas | | | 0.00 | | 0.00 | | | 0.00 |
| 1093-99 | | | | | | | | | |
| CANADA | | 4.4 | 81.6 | 128.7 | 155 | 275 | 800 | 399.0 | |
| 1100 | MacKenzie Beaufort | 0 | 0 | 12.8 | 25 | 50 | 100.0 | 58.0 | 62.8 |
| W.Canada Sedimentary Basin | | | | | | | | | |
| 1101 | Anderson ) | | | | | | | | 167.9 |
| 1102 | Alberta B.+ B.C. ) | | 76.1 | 67.9 | 50 | 100 | 183.0 | 111.0 | 167.9 |
| 1103 | Williston, Canada ) | | | | | | | | 167.9 |
| Arctic Islands | | | | | | | | | |
| 1104 | Sverdrup ) | | | | | | | | 89.4 |
| 1105 | Melville ) | | | | | | | | 89.4 |
| 1106 | Victoria Strait ) | | | 14.4 | 40 | 75 | 125 | 80.0 | 89.4 |
| 1107 | Jones Lancaster ) | | | | | | | | 89.4 |
| Mainland Territories | | | | | | | | | |
| 1108 | Foxe ) | | | | | | | | 9.0 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 1109 | Hudson Bay ) | | | | | 9.0 | 16.0 | 9.8 | 9.0 |
| 1110 | Baffin Bay ) | | | | | | | | 9.0 |
| 1111 | Labrador | | | | | Ng | | | 0.01 |
| 1112 | New Brunswick | | | | | Ng | | | 0.01 |
| 1113 | Scotian Shelf | | | 5.4 | 6.0 | 12.0 | 25.8 | 14.0 | 17.4 |
| 1114 | Grand Banks | 0 | 0 | 5.0 | 15.0 | 30.0 | 64 | 36.4 | 35.0 |
| Other Frontier | | | | | 40 | 75 | 155 | 90.0 | |
| GREENLAND | | | | | | | | | |
| 1115 | E. Greenland | | | | | NA | | | 0.00 |
| 1116-20 | | | | | | | | | |
| MEXICO | | 0.9 | 21.9 | 70.1 | 69.2 | 116.9 | 286.3 | 154.5 | |
| NW Mexico | | | | | | | | | |
| 1121 | Outer Banks | | | | | Ng | | | 0.01 |
| 1122 | Salton Trough | | | | | Ng | | | 0.01 |
| 1123 | Purisma | | | | | Ng | | | 0.01 |
| 1124 | Guaymas | | | | | Ng | | | 0.01 |
| 1125 | Mazatlan | | | | | Ng | | | 0.01 |
| 1126 | | | | | | | | | |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| NE Mexico | | | 2.4 | 5.5 | 25.0 | 50.2 | 85.0 | 60.0 | |
| 1127 | Sabinas-Parras | | 0.0 | 1.4 | 23.0 | 44.0 | 75.0 | 53.3 | 45.4 |
| 1128 | Burgos | | 0.2 | 0.8 | 2.0 | 4.0 | 10.5 | 5.5 | 4.8 |
| 1129 | Tampico (Chicontepec) | | 2.2 | 3.3 | 0.5 | 1.0 | 2.0 | 1.2 | 4.3 |
| S.E. Mexico | | | 4.0 | 31.2 | 41.8 | 76.3 | 200.0 | 95.0 | |
| 1130 | Veracruz | | | | 1.0 | 2.0 | 5.0 | 2.7 | >2.0 |
| 1131 | Isthmus Saline) | | | | | | | | 60.3 |
| 1132 | Reforma Shelf ) | | 3.3 | 18.3 | 22.0 | 42.0 | 112.0 | 59.0 | 60.3 |
| 1133 | Macuspana ) | | | | | | | | 60.3 |
| 1134 | Comalcalco ) | | | | | | | | 60.3 |
| 1135 | Campeche | | 0.7 | 12.9 | 16.0 | 30.0 | 75.0 | 36.0 | 42.9 |
| 1136 | Chiapas Anticline | | | | | Ng | | | 0.01 |
| 1137-2000 | | | | | | | | | |
| CENTRAL AMERICA | | | | | | | | | |
| 2001 | Belize Borderland | | | | | NA | | | 0.00 |
| 2002 | Pacific Shelf | | | | | NA | | | 0.00 |
| 2003 | Ulna | | | | | NA | | | 0.00 |
| 2004 | Mosquitia | | | | | NA | | | 0.00 |
| 2005 | Limón Boscos del Toro | | | | | NA | | | 0.00 |
| 2006 | Gulf of Panama | | | | | NA | | | 0.00 |
| 2007 | Palacios | | | | | NA | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prd. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 2008 | Cuato | | | | | NA | | | 0.00 |
| 2009 | Cibao | | | | | NA | | | 0.00 |
| 2010 | Haitian | | | | | NA | | | 0.00 |
| 2011 | San Cristobal Baní | | | | | NA | | | 0.00 |
| 2012 | No. Coast Tertiary | | | | | NA | | | 0.00 |
| 2013 | Mona | | | | | NA | | | 0.00 |
| 2014 | Grenada | | | | | NA | | | 0.00 |
| 2015-3000 | | | | | | | | | |
| SOUTH AMERICA (Total) | | 2.1 | 39.7 | 232.9 | 123.7 | 212.8 | 555.6 | 291.0 | |
| VENEZUELA (Total) | | 0.8 | 15.6 | 126.5 | 62 | 109.7 | 321.3 | 160.0 | |
| TRINIDAD-TOBAGO(Total) | | 0.2 | 3.2 | 15.4 | 3.7 | 6.6 | 19.8 | 9.5 | |
| 3001 | Gulf of Venezuela | | | | 5.2 | 10 | 30 | 15.0 | 10.0 |
| 3002 | Maracaibo | | 0.5 | 20.3 | 25 | 46 | 135 | 69.0 | 66.3 |
| 3003 | Falcon | | | | 2.7 | 5 | 15 | 7.6 | 5.0 |
| 3004 | Cariaco | | | | | Ng | | | 0.01 |
| 3005 | Tobago | | | | | Ng | | | 0.01 |
| 3006 | E. Venezuela, Trinidad | | 4.7 | 51.5 | 25 | 46 | 135 | 69 | 97.5 |
| 3007 | Triste | | | | | Ng | | | 0.01 |
| 3008 | Barinas Apure | | | | 1.0 | 2 | 6 | 3.0 | 2.0 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| COLOMBIA (Total) | | 0.2 | 2.7 | 11.3 | 4.6 | 7.9 | 21.4 | 11.0 | |
| 3009 | Guajira | | | | | NA | | | 0.0 |
| 3010 | Lower Magdalenas | | 0.79 | 0.22 | 1.3 | 2.5 | 7.0 | 3.1 | 2.72 |
| 3011 | Upr. & Mid. Magdalenas | | 2.3 | 1.1 | 0.7 | 1.4 | 4.0 | 2.1 | 2.5 |
| 3012 | Llanos | | 0.05 | 4.0 | 2.6 | 4.0 | 10.0 | 5.7 | 8.0 |
| 3013 | Putumayo | | | | 0.05 | 0.1 | 0.3 | 0.15 | 0.1 |
| 3014 | Pacific Coastal | | | | | Ng | | | 0.01 |
| EQUADOR (Total) | | Min | Min | 1.1 | 3.5 | 6.1 | 16.7 | 8.6 | |
| 3015 | Esmeraldas | | | | | Ng | | | 0.01 |
| 3016 | Manabi Burbru | | | | | Ng | | | 0.01 |
| 3017 | Oriente | | 0.5 | 0.5 | 3.5 | 6.1 | 16.7 | 8.6 | 6.6 |
| 3018-19 | | | | | | | | | |
| PERU (Total) | | Min | 1.2 | 13.6 | 10.3 | 17.7 | 45.6 | 24.0 | |
| 3020 | Talara | | | | | Ng | | | 0.01 |
| 3021 | Maranón | | 0.0 | 0.1 | .2 | 0.5 | 1.2 | 0.6 | 0.6 |
| 3022 | Santiago | | | | 2.0 | 3.0 | 8.0 | 4.0 | 3.0 |
| 3023 | Huallaga | | | | 3.0 | 5 | 12.0 | 7.0 | 5.0 |
| 3024 | Ucayali | | | 10.8 | 5.0 | 9 | 24.0 | 12.4 | 19.8 |
| 3025 | Peru Coastal | | | | | Ng | | | 0.01 |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 3026 Mollenda Tarapaco | | | | | Ng | | | 0.01 |
| 3027-29 | | | | | | | | |
| GUYANA, SURINAM, FRENCH GUIANA | | | | 0.2 | 0.33 | .9 | .5 | |
| 3030 Tacutu | 0 | 0 | | 0.02 | 0.03 | 0.1 | 0.05 | 0.03 |
| 3031 Guyana Shelf | 0 | 0 | | | Ng | | | 0.01 |
| BRAZIL (Total) | 0.1 | 1.4 | 19.0 | 16.5 | 30.1 | 98.3 | 46.7 | |
| Interior Sags (Total) | | | | 2.5 | 8.9 | 30.0 | 12.0 | |
| 3032-34 | | | | | | | | |
| 3035 Solimoes (upr. Amazones) | | | | 1.1 | 2.0 | 6.5 | 3.2 | 2.0 |
| 3036 Middle to Lwr. Amazones | | | | 1.2 | 2.1 | 6.4 | 3.2 | 2.1 |
| 3037 Parnaiba | | | | 1.0 | 1.9 | 5.5 | 2.8 | 1.9 |
| 3038 Paraná | | 0.0 | 0.0 | 3.0 | 5.1 | 17.0 | 8.7 | 5.1 |
| 3039 Sao Luis | | | | | Ng | | | 0.01 |
| Interior Rifts (Total) | | | | 2.0 | 3.0 | 9.0 | 4.4 | |
| 3040 Reconcavo | | 1.0 | 0.9 | 0.5 | 1.0 | 3.0 | 1.5 | 1.9 |
| 3041 Tucano Jatoba | | | | 1.0 | 2.0 | 6.0 | 2.9 | 2.0 |
| Foreland Basins (Total) | | | | 1.5 | 2.9 | 10.0 | 4.8 | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 3042 Acre | | | | 1.5 | 2.9 | 10.0 | 4.8 | 2.9 |
| Rifted Margins (Total) | | | | 10.0 | 19.0 | 49.0 | 25.5 | |
| N.E. Coast (Total) | | | | 5.0 | 10.0 | 27.0 | 14.0 | |
| 3043 Foz do Amazonas | | | | 4.6 | 9.2 | 25.0 | 12.8 | 9.2 |
| 3044 Para Maranhoa | | | | 0.02 | 0.06 | 0.2 | 0.0 | 0.06 |
| 3045 Barreirinhas | | | | 0.05 | 0.1 | 0.3 | 0.1 | 0.1 |
| 3046 Caera | | | | 0.2 | 0.3 | 0.9 | 0.5 | 0.3 |
| 3047 Potiguar | | | | 0.2 | 0.3 | 0.9 | 0.5 | 0.3 |
| S.E. Coast (Total) | | | | 4.0 | 8.0 | 24.0 | 12.0 | |
| 3048 Recife Joao Pessoa | | | | | Ng | | | 0.01 |
| 3049 Sergipe Alagoas | | | | 0.5 | 1.0 | 3.0 | 1.8 | 1.0 |
| 3050 Bahia Sul | | | | 0.1 | 0.2 | 0.6 | 0.3 | 0.2 |
| 3051 Espirito Santo | | | | 0.3 | 0.5 | 1.5 | 0.8 | 0.5 |
| 3052 Campos | | 0.2 | 11.5 | 1.0 | 2.0 | 6.0 | 3.3 | 13.5 |
| 3053 Santos | | 0.0 | 1.24 | 1.8 | 3.5 | 10.5 | 5.0 | 4.74 |
| 3054 Pelotas | | | | 0.3 | 0.5 | 1.5 | 0.8 | 0.5 |
| 3055-59 | | | | | | | | |
| BOLIVIA | 0.1 | 1.8 | 5.8 | 4.4 | 7.3 | 17.1 | 9.5 | |
| 3060 Madre de Dios | | 0.0 | 10.0 | 2.0 | 3.8 | 13.0 | 5.8 | 13.8 |
| 3061 Beni | | | | 0.6 | 1.2 | 3.0 | 1.6 | 1.2 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 3062 | Altiplano | | | | 0.15 | 0.25 | 0.8 | 0.4 | 0.25 |
| 3063 | Tarija (Total) | | | | 1.3 | 2.4 | 5.3 | 3.0 | 2.4 |
| | Bolivia 80% | | | | 0.7 | 1.3 | 3.0 | 1.7 | |
| | Argentina 20% | | | | 0.5 | 1.0 | 2.4 | 1.3 | |
| PARAGUAY | | | | | | Ng | | | |
| ARGENTINA | | 0.6 | 11.1 | 33.1 | 9.1 | 15.5 | 39.2 | 20.9 | |
| (3063) | Tarija (20%) | | | | 0.5 | 1.0 | 2.4 | 1.3 | |
| 3064-69 | | | | | | | | | |
| 3070 | Chaco | | | | 0.7 | 1.35 | 4.0 | 1.8 | 1.35 |
| 3071 | Cuyo | | | | 0 | .01 | .03 | .01 | 0.01 |
| 3072 | Neuquen | | 4.8 | 20.9 | 2.5 | 4.5 | 12.0 | 6.3 | 25.4 |
| 3073 | San Jorge | | 1.8 | 2.4 | 1.2 | 2.1 | 5.0 | 2.8 | 4.5 |
| 3074 | Malvinas Basin | | | | 1.6 | 3.2 | 9.0 | 4.0 | 3.2 |
| 3075 | Salado | | | | 0.1 | 0.2 | 0.5 | 0.3 | 0.2 |
| 3076 | Colorado | | | | 0.1 | 0.2 | 0.5 | 0.3 | 0.2 |
| 3077 | East Patagonia | | | | 0.7 | 1.3 | 3.5 | 1.6 | 1.3 |
| (3082) | Magallanes (34%) | | | | 0.7 | 1.8 | 5.0 | 2.2 | |
| 3078-79 | | | | | | | | | |
| CHILE | | 0.1 | 2.6 | 7.1 | 2.2 | 4.8 | 11.0 | 6.21 | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 3080 | Central Chile Forearc | | | | | Ng | | | 0.01 |
| 3081 | South Chile Trench | | | | | Ng | | | 0.01 |
| 3082 | Magallanes (Total) | | 9.50 | 11.0 | 4.0 | 7.0 | 15.4 | 8.8 | 18.0 |
| | Argentina (34%) | | | | 0.9 | 1.8 | 5.0 | 2.2 | |
| | Chile (66%) | | | | 2.5 | 4.8 | 11.0 | 6.2 | |
| 3083 | Nirihuau | | | | | Ng | | | 0.01 |
| 3084-4000 | | | | | | | | | |
| WESTERN EUROPE | | 7.8 | 159.8 | 290.1 | 125.5 | 205.8 | 462.2 | 260.5 | |
| U.K. | | 2.0 | 31.8 | 72.5 | 9.4 | 16.0 | 40.0 | 21.4 | |
| 4001 | Rockhall Trough | | | | | 0 | | | 0.0 |
| 4002 | Porcupine Bight | | | | | 0 | | | 0.0 |
| 4003 | West Shetland | | 0 | 1.2 | | 0 | | | 1.2 |
| (4004) | Central No. Sea - U.K. | | 5.3 | 35.5 | 2.5 | 4.5 | 11.0 | 6.0 | |
| | See also Norway | | | | | | | | |
| 4005 | Irish Sea | | | | 0.3 | .5 | 1.5 | 0.8 | 0.5 |
| 4006 | Celtic Sea | | | | | Ng | | | 0.01 |
| 4007 | English Channel | | | | | Ng | | | 0.01 |
| 4008 | So. North Sea (Total) | | 81.5 | 83.5 | 9.0 | 16.0 | 47.0 | 24.4 | 99.5 |
| | - U.K. (33%) | | 24.8 | 22.4 | 5.1 | 10.0 | 29.0 | 14.6 | |
| | - Netherlands (67%) | | 56.7 | 61.1 | 3.7 | 6.6 | 20.0 | 9.8 | |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| NORWAY | | | 13.9 | 106.7 | 75.1 | 106.2 | 169.8 | 116.5 | |
| 4004 | Central No. Sea (Total) | | 23.5 | 119.9 | 19.0 | 35.0 | 70.0 | 40.0 | 154.9 |
| | Norway (75%) | | 16.7 | 77.8 | 16.0 | 30.0 | 60.0 | 33.0 | |
| | United Kingdom (25%) | | 5.3 | 35.5 | 2.5 | 4.5 | 11.0 | 6.0 | |
| 4009 | Barents - Norwegian | | | | 25.0 | 50.0 | 100.0 | 56.0 | 50.0 |
| 4010 | Voring | | | | 12.0 | 20.0 | 40.0 | 22.0 | 20.0 |
| 4011 | Helgeland | | 0.0 | 14.0 | 3.0 | 5.0 | 10.0 | 6.0 | 19.0 |
| 4012 | Harstad | | | | | Ng | | | 0.01 |
| 4013 | Tromso | | | 9.0 | | Ng | | | 9.0 |
| 4014 | Hammerfest | | | | | Ng | | | 0.01 |
| 4015 | Norwegian-Danish (No. Sea) | | 14.4 | 15.1 | | Ng | | | 15.1 |
| FRANCE | | | | | | | | | |
| 4016 | Paris | | | | | NA | | | 0.00 |
| 4017 | Aquitaine | | | | | Ng | | | 0.01 |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| GERMANY | | | | | | | | |
| (4015) Norwegian - Danish | | | | | NA | | | |
| 4018 Molasse | | | | | NA | | | 0.00 |
| Switzerland, Germany, Austria | | | | | | | | |
| 4019 Rhine Graben | | | | | NA | | | 0.00 |
| EASTERN EUROPE | 1.1 | 45.2 | 26.8 | 27.1 | 29.2 | 74.2 | 39.4 | |
| 4020 Baltic B. | | | | | Ng | | | 0.01 |
| POLAND | | | | | | | | |
| 4021 Polish-Warsaw Trough | | 7.3 | 2.86 | 3.0 | 5.0 | 12.0 | 7.0 | 7.86 |
| AUSTRIA | | | | | | | | |
| 4022 Vienna B. | | 0.09 | 0.28 | | Ng | | | 0.28 |
| HUNGARY | | | | 1.0 | 2.0 | 5.0 | 2.7 | |
| 4023 Pannonian (Total) | | 8.1 | 7.4 | 1.0 | 2.0 | 5.0 | 2.7 | 9.4 |
| Hungary (75%) | | | | | | | | |
| "Yugoslavia" (25%) | | | | | | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| YUGOSLAVIA | | | | | | NA | | | |
| ROMANIA | | 0.8 | 32.8 | 16.5 | 6.8 | 11.8 | 32.4 | 16.6 | |
| 4024 | Transylvania | | 8.1 | 3.0 | 3.4 | 5.4 | 15.0 | 8.0 | 8.4 |
| 4025 | Carpathian | | 24.7 | 13.5 | 3.4 | 6.4 | 17.4 | 8.6 | 19.9 |
| BULGARIA | | | | | | Ng | | | |
| 4026 | Moesian Platform | | | | | Ng | | | 0.01 |
| GREECE | | | | | | | | | |
| 4027 | Thrace | | | | | | | | 0.00 |
| 4028 | Kavala | | | | | | | | 0.00 |
| 4029 | Salonika | | | | | | | | 0.00 |
| ITALY | (Total) | 0.6 | 16.2 | 13.2 | 10.0 | 16.2 | 56.4 | 27.4 | |
| 4030 | Adriatic) | | 7.9 | 15.3 | 10.0 | 16.2 | 56.4 | 27.4 | 31.5 |
| 4031 | Po ) | | | | | | | | 31.5 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| SPAIN | | | | | | NA | | | |
| 4032 | Ebro | | | | | Ng | | | 0.01 |
| 4033 | La Mancha | | | | | NA | | | 0.00 |
| 4034 | Guadalquivir | | | | | NA | | | 0.00 |
| 4035 | Lusitania | | | | | NA | | | 0.00 |
| 4036 | Galicia | | | | | NA | | | 0.00 |
| 4037 | W. MEDITERRANEAN (Total) | | | | 5.0 | 10.0 | 40.0 | 18.0 | 10.0 |
| | Alboran/So. Balearic/Algerian | | | | 2.5 | 5.0 | 15.0 | 7.0 | |
| | Ligurian Provencal | | | | 2.5 | 5.0 | 20.0 | 9.0 | |
| | Corsica/Sardinia | | | | 0.3 | 0.5 | 1.5 | 0.7 | |
| | Tyrhennian Sea | | | | Ng | Ng | 3.0 | 1.3 | |
| 4038 | E. MEDITERRANEAN (Total) | | | | 90 | 204 | 565 | 274 | 204.0 |
| | Hellenic Trench ) | | | | | | | | |
| | Mediterranean Ridge ) | | | | 25 | 50 | 150 | 8 | |
| | Herodotus B. ) | | | | | | | | |
| | Nile Cone/Levant Platform | | | | 50 | 100 | 250 | 130 | |
| | Hellenic Arc-Aegean Basin | | | | Ng | Ng | Ng | Ng | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| Cyprus B. & Arc | | | | 20 | 50 | 100 | 62 | |
| 4039 C. MEDITERRANEAN (Total) | | | | 25 | 50 | 150 | 72 | 50.0 |
| Ionian Sea/Sirte Rise | | | | 25 | 50 | 150 | 72 | |
| Mediterranean Area (Total) | | | | 110 | 264 | 755 | 364 | |
| N.B. No econ. or tech. limits for Med. Assess. | | | | | | | | |
| 4040-5000 | | | | | | | | |
| Africa (Total) | 2.8 | 31.1 | 401.7 | 186.8 | 313.8 | 756.2 | 411.4 | |
| MOROCCO-SPANISH SAHARA | | | | | | | | |
| 5001 Aaiun (S.S.) | | | | | Ng | | | 0.01 |
| 5002 Tarfaya | | | | | Ng | | | 0.01 |
| 5003 Essaouira | | | | | Ng | | | 0.01 |
| 5004 Rharb | | | | | Ng | | | 0.01 |
| 5005 Tindouf (60%) | | | | 0.8 | 1.5 | 4.5 | 2.3 | 1.5 |
| See also Algeria | | | | | | | | |
| MALI, MAURITANIA | | | | | | | | |
| 5006 Taoudeni | | | | 0.01 | 0.02 | 0.07 | 0.03 | 0.02 |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| ALGERIA | 2.0 | 20.9 | 176.5 | 9.4 | 16.7 | 49.2 | 24.4 | |
| No. Algeria | | | | | | | | |
| (5005) Tindouf (40%) | | | | | Ng | | | |
| 5007 Atlas Fold ) | | | | | | | | 0.01 |
| 5008 Bechar ) | | | | | Ng | | | 0.01 |
| 5009 Reggane ) | | | | | | | | 0.01 |
| 5101 Mouydir | | | | | Ng | | | 0.01 |
| 5010 Erg Occidental ) | | Min | | 5.0 | 9.0 | 25.0 | 14.4 | 9.0 |
| 5012 Ahnet ) | | | | | | | | 9.0 |
| 5011 Triassic Basin ) | | | | | | | | 183.5 |
| 5013 Illizi ) | 2.0 | 20.9 | 176.5 | 4.0 | 7.0 | 19.0 | 10.0 | 183.5 |
| 5100 Ghadames (ErgOriental) | | | | | | | | 183.5 |
| TUNISIA | Min | 0.2 | 3.1 | 6.5 | 11.5 | 33.6 | 16.7 | |
| 5014 Pelagian | | 0.06 | 6.0 | 6.5 | 11.5 | 33.6 | 16.7 | 17.5 |
| LIBYA | 0.2 | 5.1 | 45.9 | 8.9 | 16.0 | 48.9 | 23.9 | |
| 5015 Hamada | | 0.6 | 29.5 | | Ng | | | 29.5 |
| 5016 Sirte | | 3.4 | 19.0 | 8.9 | 16.0 | 48.9 | 23.9 | 35.0 |
| 5017 Cyrenaica | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 5018 | Murzuk | | | | | Ng | | | 0.01 |
| 5019 | Kufra | | | | | Ng | | | 0.01 |
| EGYPT | | 0.3 | 2.8 | 19.3 | 9.8 | 17.3 | 49.5 | 24.9 | |
| 5020 | W. Desert | | 0.68 | 6.74 | 1.5 | 3.0 | 10.0 | 4.0 | 9.74 |
| 5021 | Nile Delta | | 1.6 | 4.5 | 6.5 | 12.5 | 36.0 | 15.5 | 17.0 |
| 5022 | Nile | | | | | Ng | | | 0.01 |
| 5023 | Gulf of Suez | | 0.4 | 5.7 | 1.2 | 2.2 | 3.3 | 5.4 | 7.9 |
| 5024 | Sinai | | | | | Ng | | | 0.01 |
| N.W. Africa | | | | | | | | | |
| 5025 | Senegal | | | | | Ng | | | 0.01 |
| 5026 | Dove | | | | | Ng | | | 0.01 |
| 5027 | Sierra Leone | | | | | Ng | | | 0.01 |
| 5028 | Liberian | | | | | Ng | | | 0.01 |
| 5029 | Ivory Coast | | | | | NA | | | 0.00 |
| 5030 | Dahomey | | | | | NA | | | 0.00 |
| 5031 | Volta | | | | | NA | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| MALI, NIGER | | | | | | | | | |
| 5032 | Iullemmeden | | | | | Ng | | | 0.01 |
| Chad (Total) | | Min | Min | 0.1 | 1.1 | 2.0 | 6.0 | 3.0 | |
| 5033 | Chad B. | | 0.0 | 0.1 | 0.2 | 0.4 | 1.2 | 0.6 | 0.5 |
| 5034 | Chari | | | | | Ng | | | 0.01 |
| 5035 | Doba | | 0.0 | 0.0 | 0.4 | 0.8 | 2.4 | 1.2 | 0.8 |
| 5036 | Doseo | | 0.0 | 0.0 | 0.4 | 0.8 | 2.4 | 1.2 | 0.8 |
| SUDAN (Total) | | Min | Min | 0.9 | 15.7 | 26.3 | 62.1 | 34.1 | |
| 5037 | Upr. Nile | | 0.0 | 0.0 | 11.2 | 18.0 | 40.0 | 21.8 | 18.0 |
| 5038 | Red Sea (Total)[1] | | | | 4.5 | 8.3 | 20.0 | 12.3 | 8.3 |
| | Egypt 22% | | | | | | | | |
| | Sudan 20% | | | | | | | | |
| | Ethiopia 13% | | | | | | | | |
| | Saudi Arabia 40% | | | | | | | | |
| | Yemen 5% | | | | | | | | |
| ETHIOPIA | | | | | | | | | |
| 5039 | Ogaden | | | | | Ng | | | 0.01 |

[1] Not included in country totals

| | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| SOMALIA (Total) | Min | Min | 2.1 | 7.2 | 12.9 | 40.3 | 19.5 | |
| 5040 Barbera-Hafun | | | | | Ng | | | 0.01 |
| 5041 Somalia B. | | | | 7.0 | 12.0 | 38.0 | 18.0 | 12.0 |
| 5042 Lamu (Total) | | | | 0.5 | 1.0 | 3.0 | 1.5 | 1.0 |
| Somalia 50% | | | | | | | | |
| Kenya 50% | | | | | | | | |
| NIGERIA (Total) | Min | 1.7 | 121.9 | 76.8 | 130.5 | 326.3 | 174.4 | |
| 5043 Benue Trough | | | | | Ng | | | 0.01 |
| 5044 Niger Delta (Total) | | 6.1 | 72.0 | 78 | 150 | 350 | 185 | 222.0 |
| Nigeria (92%) | | | | 76.8 | 130.5 | 326.3 | 174.4 | |
| Cameroon (8%) | | | | 5 | 9 | 20 | 11 | |
| CAMEROON | | | | | | | | |
| 5045 Douala B. | | 0.0 | 1.96 | 6 | 11 | 25 | 13.4 | 13.0 |
| (5044) Niger Delta 8% | | | | 5 | 9 | 20 | 11 | |
| GABON (Total) | | 0.1 | 0.7 | 0.6 | 1.0 | 2.0 | 1.2 | |
| 5046 Gabon B. | | | | 0.5 | 1.0 | 2.5 | 1.2 | 1.0 |
| (5047) Congo B. | | | | 0.1 | 0.2 | 0.6 | 0.3 | |

| | | Discovered Resources (1/1/93) | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| CONGO | | | | 2.7 | 1.5 | 2.5 | 5.8 | 3.2 | |
| 5047 | Congo B. | | 0.8 | 5.2 | 1.0 | 1.9 | 4.6 | 2.4 | 7.1 |
| | Gabon (12%) | | | | 0.1 | 0.2 | 0.6 | .3 | |
| | Congo (24%) | | | | 0.3 | 0.5 | 1.0 | .6 | |
| | Zaire (7%) | | | | 0.1 | 0.2 | 0.4 | .2 | |
| | Angola (57%) | | | | 0.6 | 1.0 | 2.3 | 1.3 | |
| (5055) | Zaire B. (20%) | | | | 1.0 | 2.0 | 4.2 | 2.4 | |
| ANGOLA | | | 0.2 | 5.8 | 2.1 | 3.6 | 8.9 | 4.8 | |
| (5047) | Congo B. (57%) | | | | 0.6 | 1.0 | 2.3 | 1.3 | |
| 5048 | Cuanza B. | | 0.05 | 0.79 | 0.3 | 0.6 | 1.5 | 0.8 | 1.4 |
| 5049 | Okawanga B. (Total) | | | | 1.6 | 3.0 | 7.4 | 4.0 | 3.0 |
| | Angola (80%) | | | | 1.3 | 2.5 | 5.2 | 3.0 | |
| | Namibia (Etosha) (10%) | | | | 0.2 | 0.3 | 0.7 | 0.4 | |
| | Zambia (Barotse) (10%) | | | | 0.2 | 0.3 | 0.7 | 0.4 | |
| 5050 | Mocamedes | | | | | Ng | | | 0.01 |
| NAMIBIA | | | | | | | | | |
| (5049) | Etosha (10%) | | | | 0.2 | 0.3 | 0.7 | 0.4 | |
| 5051 | Orange R. Delta (Total) | | | 5.0 | 3.6 | 7.0 | 14.0 | 8.2 | 12.0 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| | Namibia (75%) | | | | 2.7 | 5.0 | 10.0 | 5.9 | |
| | So. Africa (25%) | | | | 0.9 | 2.0 | 4.0 | 2.3 | |
| SO. AFRICA (Total) | | | | | 3.8 | 7.8 | 15.2 | 8.7 | |
| (5049) | Orange R. Delta | | | | 0.9 | 2.0 | 4.0 | 2.3 | |
| 5052 | Agulhas | 0.0 | | 2.67 | 2.0 | 4.0 | 8.0 | 4.6 | 6.7 |
| 5053 | Karoo B. | | | 0 | 0.2 | 0.4 | 1.2 | 0.6 | 0.4 |
| 5054 | Kalahari B. (a Karoo basin type) | | | | 0.5 | 1.0 | 2.7 | 1.2 | 1.0 |
| | Botswana (85%) | | | | 0.45 | 0.9 | 2.0 | 1.0 | |
| | Namibia (15%) | | | | 0.1 | 0.15 | 0.4 | 0.2 | |
| ZAIRE | | | | | | | | | |
| 5055 | Zaire B. (Total) | | | | 6.0 | 11.0 | 20.0 | 11.9 | 11.0 |
| | Zaire (80%) | | | | 4.0 | 8.0 | 17.5 | 9.5 | |
| | Congo (20%) | | | | 1.0 | 2.0 | 4.2 | 2.4 | |
| 5056 | Karoo Rift Basins (Total) | | | | 7.0 | 14.0 | 32.0 | 17.1 | 14.0 |
| | (Excluding 5053, 5054) | | | | | | | | |
| | Tanzania | | | | | | | | |
| | Ruvu Rift | | | | | Ng | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| | Kenya | | | | | | | | |
| | Tanga Rift | | | | | Ng | | | |
| | Zambia | | | | | | | | |
| | Luangwa | | | | | Ng | | | |
| | Luana | | | | | Ng | | | |
| | Lukasashi | | | | | Ng | | | |
| | Kafue | | | | | Ng | | | |
| | Zimbabwe | | | | | | | | |
| | Kariba | | | | | Ng | | | |
| 5057 | | | | | | | | | |
| 5058 | E. African Rifts (Total) | | | | 1.0 | 2.0 | 4.8 | 2.6 | 2.0 |
| | Western Trend (Mobutan-Urema) | | | | | | | | |
| | Zaire (27%) | | | | 0.3 | 0.5 | 1.3 | 0.7 | |
| | Uganda (12%) | | | | | | | 0.3 | |
| | Rwanda (2%) | | | | | | | 0.05 | |
| | Burundi (2%) | | | | | | | 0.05 | |
| | Tanzania (32%) | | | | 0.3 | 0.6 | 1.5 | 0.8 | |
| | Malawi (20%) | | | | 0.2 | 0.4 | 0.9 | 0.05 | |
| | Mozambique (5%) | | | | | | | 0.1 | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| MOZAMBIQUE | | | | | | | | | |
| 5059 | Limpopo | 0 | 0 | 2 | 2.0 | 4.0 | 8.4 | 4.8 | 6.0 |
| TANZANIA | | | | | | | | | |
| 5060 | Tanzania B. | | | | | Ng | | | 0.01 |
| MADAGASCAR | | | | | | | | | |
| 5061 | Morondava ) | | | | 2.0 | 3.8 | 7.1 | 4.3 | 3.8 |
| 5062 | Majunga ) | | | | | | | | 3.8 |
| 5063 | Tamatavi | | | | | NA | | | 0.00 |
| 5064 | Malagasy Plat | | | | 2.0 | 3.8 | 7.1 | 4.3 | 3.8 |
| SEYCHELLES | | | | | | | | | |
| 5065 | Seychelles B. | | | | | Ng | | | 0.01 |
| 5066-5099 | | | | | | | | | |
| 5102-6000 | | | | | | | | | |
| MIDDLE EAST (Total) | | 4.1 | 49.8 | 1683.3 | 547.2 | 852.5 | 1673.3 | 1013.7 | |
| TURKEY | | | | | | | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 6001 | Antalya | | | | | Ng | | | 0.01 |
| 6002 | Tuz Golu | | | | | Ng | | | 0.01 |
| 6003 | Adana | | | | | Ng | | | 0.01 |
| 6004 | Isken-Durum | | | | | Ng | | | 0.01 |
| 6005 | Erzurum-Aras | | | | | Ng | | | 0.01 |
| 6006 | Araks | | | | | Ng | | | 0.01 |
| 6007 | Musvan | | | | | Ng | | | 0.01 |
| IRAN (Total) | | 0.9 | 14.8 | 864.7 | 225.9 | 369.2 | 820.3 | 464.9 | |
| 6008 | Tuzlu-Gol | | | | | Ng | | | 0.01 |
| 6009 | Grand Kavir | | | | | Ng | | | 0.01 |
| 6010 | Qum Ardekan | | | | | Ng | | | 0.01 |
| 6011 | Gavkhaneh | | | | | Ng | | | 0.01 |
| 6012 | Sirjan | | | | | Ng | | | 0.01 |
| 6013 | Arabian Iranian (Total) | | 49.8 | 1683.3 | 547.2 | 852.5 | 1673.3 | 1013.7 | 2535.8 |
| JORDAN | | | | | | NA | | | |
| SAUDI ARABIA | | 1.2 | 12.2 | 176.5 | 188.5 | 275.9 | 640.0 | 343.0 | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources (1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| Kuwait | 0.1 | 4.6 | 56.9 | 2.9 | 4.6 | 9.2 | 5.5 | |
| NEUTRAL ZONE | Min | Min | 11.7 | 1.2 | 2.0 | 5.0 | 2.7 | |
| SYRIA | 0.1 | 0.6 | 5.1 | | NA | | | |
| IRAQ | 0.1 | 1.8 | 76.6 | 63.7 | 100.0 | 200.0 | 120.0 | |
| IRAN | 0.9 | 14.8 | 864.7 | 225.9 | 369.2 | 820.3 | 464.9 | |
| UAE | 1.0 | 8.3 | 200.1 | 31.2 | 48.9 | 97.8 | 58.6 | |
| QATAR | 0.4 | 3.4 | 250.0 | | NA | | | |
| OMAN | 0.1 | 1.1 | 15.5 | 3.7 | 6.0 | 13.6 | 7.6 | |
| BAHRAIN | | | | | Ng | | | Ng |

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| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| YEMEN | | | | | | | | | |
| 6020 | Marib-Shabwa | | | 3.0 | | NA | | | 3.0 |
| 6021 | Jeza | | | | | NA | | | 0.00 |
| 6022 | Sayhut | | | | | NA | | | 0.00 |
| 6023-7000 | | | | | | | | | |
| FORMER SOVIET UNION (Total) | | 27.2 | 411 | 1820 | 1140 | 1924 | 4703 | 2541 | |
| 7001 | Barents, Russian | | 0 | 120 | 200 | 500 | 1500 | 717 | 620.0 |
| 7002 | Timan Pechora | | 12 | 24 | 10 | 25 | 60.0 | 31.0 | 49.0 |
| 7003 | Moscow | | | | | Ng | | | 0.01 |
| 7004 | Pripyat | | | | | Ng | | | 0.01 |
| 7005 | Dnieper Donetz | | 47 | 20 | 10 | 20 | 40.0 | 23.2 | 40.0 |
| 7006 | No. Black Sea-Crimea | | | | | NA | | | 0.00 |
| 7007 | Volga Urals | | 29 | 25 | 2 | 4 | 10.0 | 5.0 | 29.0 |
| 7008 | No. Caspian | | 17.9 | 100 | 70 | 150 | 600.0 | 261.0 | 250.0 |
| 7009 | Middle Caspian | | 26 | 5 | 5 | 15 | 40.0 | 19.8 | 20.0 |
| 7010 | So. Caspian | | 10 | 30 | 20 | 30 | 70.0 | 39.3 | 60.0 |
| 7011 | Azov Kuban | | | | | NA | | | 0.00 |
| 7012 | No. Ustyurt | | 0.8 | 0.5 | 0.5 | 1.0 | 2.0 | 1.2 | 1.5 |
| 7013 | East Aral | | | | | NA | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 7014 | Amu Darya | | 86.0 | 200.0 | 30.0 | 75.0 | 200.0 | 100.1 | 275.0 |
| 7015 | South Turgay | | 0 | Ng | 0.2 | 0.5 | 1.0 | 0.6 | 0.5 |
| 7016 | Chu Sarysu | | 0 | 2.0 | 1.0 | 2.0 | 4.0 | 2.3 | 4.0 |
| 7017 | Fergana | | 1.0 | 0.3 | 1.0 | 3.0 | 6.0 | 3.3 | 3.3 |
| 7018 | So. Tadjik | | 0.3 | 0.2 | 0.5 | 1.0 | 3.0 | 1.5 | 1.2 |
| 7019 | Naryn | | | | | NA | | | 0.00 |
| 7020 | Issyk Kul | | | | | NA | | | 0.00 |
| 7021 | Ill | | | | | NA | | | 0.00 |
| 7022 | Zaysan | | | | | NA | | | 0.00 |
| 7023 | West Siberia (incl. Kara Sea) | | 190 | 1400 | 400 | 900 | 2000 | 1089.8 | 2300.00 |
| 7024 | | | | | | | | | |
| 7025 | Laptev Sea | | | | | NA | | | 0.00 |
| 7026 | Khatanga | | 0 | 0 | 2.0 | 5.0 | 10.0 | 5.7 | 5.0 |
| 7027 | Lena Tunguska | | 0.1 | 20.0 | 50.0 | 100.0 | 400.0 | 175.2 | 120.0 |
| 7028 | Northeast Siberian Shelf | | | | | NA | | | 0.00 |
| 7029 | Verkhoyansk | | | | | NA | | | 0.00 |
| 7030 | Vilyuy | | 0 | 16.0 | 10 | 20 | 100 | 40.7 | 36.0 |
| 7031 | Indegirka Zyryanka | | | | | NA | | | 0.00 |
| 7032 | Anadyr | | | | | NA | | | 0.00 |
| 7033 | Khatyrka | | | | | NA | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 7034 | Kinkil | | | | | NA | | | 0.00 |
| 7035 | West Okhotsk | | | | | NA | | | 0.00 |
| 7036 | North Okhotsk | | | | | NA | | | 0.00 |
| 7037 | East Kamchatka | | | | | NA | | | 0.00 |
| 7038 | No. Sakhalin | | 1.0 | 21 | 10 | 15 | 40 | 21.1 | 36.0 |
| 7039 | West Sakhalin | | | | | NA | | | 0.00 |
| 7040 | Ushumun | | | | | NA | | | 0.00 |
| 7041 | Zeya Bureya | | | | | NA | | | 0.00 |
| 7042 | Upr. Bureya | | | | | NA | | | 0.00 |
| 7043 | Middle Amur | | | | | NA | | | 0.00 |
| 7044-49 | | | | | | | | | |
| MONGOLIA | | | | | | | | | |
| 7050 | E.Gobi Depression | | | | | Ng | | | 0.01 |
| 7051 | Dzunbain Depression | | | | | Ng | | | 0.01 |
| 7052 | Tamtsag Depr. | | | | | Ng | | | 0.01 |
| 7053-8000 | | | | | | | | | |
| ASIA/OCEANIA | | 6.2 | 77.2 | 411.2 | 275.0 | 447.8 | 985.5 | 561.3 | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| CHINA (Total) | | 0.5 | 15.2 | 38.9 | 102.2 | 172.9 | 427.0 | 227.0 | |
| 8001 | Hailar | | | | | Ng | | | 0.01 |
| 8002 | Erlian | | | | | Ng | | | 0.01 |
| 8003 | Songliao | | 0.1 | 2.8 | 4.0 | 10.0 | 25.0 | 13.0 | 12.8 |
| 8004 | North China (Bohaiwan) | | 2.0 | 13.4 | 3.0 | 5.0 | 15.0 | 8.0 | 18.4 |
| 8005 | Nanxiang | | | | | Ng | | | 0.01 |
| 8006 | Jianghan | | | | | Ng | | | 0.01 |
| 8007 | No. Yellow Sea | | | | | Ng | | | 0.01 |
| 8008 | Subei | | | | | Ng | | | 0.01 |
| 8009 | Kyongsang (Korea) | | | | | Ng | | | 0.01 |
| 8010 | East China Sea ) | | | | | | | | 32.0 |
| 8011 | Okinawa Trough ) | | | 2.0 | 15.0 | 30.0 | 80.0 | 42.0 | 32.0 |
| 8012 | Ryuku ) | | | | | | | | 32.0 |
| 8013 | Taiwan | | | 6.1 | | NA | | | 6.1 |
| 8014 | Pearl River (Zhujiangkou) | | 0.0 | 0.03 | 1.0 | 2.0 | 5.0 | 2.7 | 2.03 |
| 8015 | S.E. Hainan (Qiondongnan) | | | 5.0 | 3.0 | 5.0 | 15.0 | 8.0 | 10.0 |
| 8016 | Beibuwan | | | | 0.5 | 1.0 | 3.0 | 1.5 | 1.0 |
| 8017 | Niigata (Jap.) | | | | | NA | | | 0.00 |
| 8018 | Akita (Jap.) | | | | | NA | | | 0.00 |
| 8019 | Paracels | | | 0 | | NA | | | 0.00 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 8020 | Sechuan | | 4.8 | 12.4 | 15 | 30.0 | 80.0 | 40.0 | 42.4 |
| 8021 | Nanpanjiang | | | | | Ng | | | 0.01 |
| 8022 | Bose | | | | | Ng | | | 0.01 |
| 8023 | Ordos | | Ng | 7.0 | 12 | 23 | 64 | 33.0 | 30.0 |
| 8024 | Chaoshui | | | | | Ng | | | 0.01 |
| 8025 | Jiuquan | | | | | Ng | | | 0.01 |
| 8026 | Chaidamu | | 0.0 | 3.6 | 10.0 | 20.0 | 50.0 | 27.0 | 23.6 |
| 8027 | Tarim | | 0.0 | 1.3 | 15.0 | 30.0 | 75.0 | 40.0 | 31.3 |
| 8028 | Zhungaer | | 0.0 | 0.03 | 4.0 | 8.0 | 24.0 | 12.0 | 8.03 |
| 8029 | Tulufan | | 0.0 | 0.0 | 1.1 | 2.0 | 6.0 | 3.0 | 2.0 |
| 8030 | Lunpola | | | | | Ng | | | 0.01 |
| 8031 | Qamdo | | | | | Ng | | | 0.01 |
| 8032-8034 | | | | | | | | | |
| PAKISTAN (Total) | | 0.6 | 7.8 | 23.9 | 19.1 | 28.2 | 49.2 | 32.0 | |
| 8035 | Potwar | | | | 1.0 | 2.0 | 6.0 | 3.0 | 2.0 |
| 8036 | Indus | 0.4 | 7.6 | 23.2 | 14.0 | 25.0 | 43.0 | 29.0 | 48.2 |
| 8037 | Makran | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 8038-39 | | | | | | | | | |
| INDIA | | 0.5 | 3.5 | 23.9 | 7.9 | 14.7 | 55.0 | 24.8 | |
| 8040 | Indo Gangetic | | | | | Ng | | | 0.01 |
| 8041 | Kutch | | Ng | 0.4 | 1.8 | 3.2 | 13.2 | 6.0 | 3.6 |
| 8042 | Cambay | | 0.2 | 3.3 | 0.25 | 0.5 | 2.0 | 0.9 | 3.8 |
| 8043 | | | | | | | | | |
| 8044 | Bombay Shelf | | 2.0 | 11.0 | 2.0 | 4.0 | 16.0 | 7.0 | 15.0 |
| 8045 | Konkan | | | | | Ng | | | 0.01 |
| 8046 | No. Assam | | 0.4 | 1.9 | 0.5 | 1.0 | 4.0 | 2.0 | 2.9 |
| 8047 | Godavar Graben | | | | | Ng | | | 0.01 |
| 8048 | Krishna Godavari | | 0.0 | 1.16 | 0.5 | 1.0 | 3.9 | 2.0 | 2.16 |
| 8049 | Palar | | | | 0.1 | 0.2 | 0.6 | 0.3 | 0.2 |
| 8050 | Cauvery | | | | 0.3 | 0.6 | 1.8 | 0.9 | 0.60 |
| 8051 | Bengal Fan (Total) | | | | 4.0 | 8.0 | 20.4 | 10.8 | 8.0 |
| | Myanmar (+) | | | | | | | | |
| | India 38% | | | | 2.0 | 4.0 | 15.0 | 6.5 | |
| | Bangladesh 62% | | | | 1.8 | 3.7 | 8.5 | 4.3 | |

| | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| BANGLADESH | | | | | | | | |
| 8052 Bengal B. (Total) | | | 10.8 | 6.0 | 11.0 | 27.7 | 14.9 | 21.0 |
| Bangladesh (86%) | | | 10.8 | 3.7 | 7.3 | 20.0 | 10.4 | |
| Myanmar (14%) | | | | 2.3 | 4.0 | 8.0 | 4.5 | |
| MYANMAR | | | | | | | | |
| (8051) Bengal Fan | | | | | | | | |
| (8052) Bengal B. (14%) | | | | 2.3 | 4.0 | 8.0 | 4.5 | |
| 8055 Burma B. | | 0.56 | 1.1 | 0.8 | 1.5 | 3.7 | 2.0 | 2.6 |
| 8056 Andaman | | | 0 | 1.5 | 3.0 | 8.0 | 4.2 | 3.0 |
| 8057-9000 | | | | | | | | |
| SOUTH EAST ASIA | | | | | | | | |
| INDONESIA | 1.9 | 19.7 | 105.9 | 39.0 | 63.3 | 138.0 | 79.0 | |
| Sumatra/Java (Total) | | | | 10.0 | 20.0 | 40.0 | 25.0 | |
| 9001 Sumatra Outer Arc | | 0.0 | 0.2 | | Ng | | | 0.2 |
| 9002 No. Sumatra | | 3.44 | 22.13 | 4.0 | 8.0 | 17.0 | 9.7 | 30.13 |
| 9003 Central Sumatra | | 0.01 | 2.0 | 2.0 | 4.0 | 9.0 | 4.6 | 6.0 |
| 9004 South Sumatra | | 0.34 | 6.37 | 1.0 | 2.0 | 5.0 | 2.7 | 8.37 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 9005 | Java Outer Arc | | | | | Ng | | | 0.01 |
| 9006 | NW Java | | 1.0 | 6.3 | 0.3 | 0.5 | 1.3 | 0.7 | 6.8 |
| 9007 | E. Java Sea | | | | 1.0 | 2.0 | 5.0 | 2.7 | 2.0 |
| 9008 | Lombok | | | | | Ng | | | 0.01 |
| | Banda Sea Area | | | | | | | | |
| 9009 | Savu | | | | | Ng | | | 0.01 |
| 9010 | So. Banda | | | | | Ng | | | 0.01 |
| 9011 | Weber | | | | | Ng | | | 0.01 |
| 9012 | N. Banda | | | | | Ng | | | 0.01 |
| 9013 | Gorontalo | | | | | Ng | | | 0.01 |
| 9014 | So. Celebes | | | | | Ng | | | 0.01 |
| 9015 | Bone | | | | | Ng | | | 0.01 |
| 9016 | Flores | | | | | Ng | | | 0.01 |
| | Kalimantan (Total) | | | | 15.0 | 26.0 | 50.0 | 30.6 | |
| 9017 | So. Makassar | | | | 0.5 | 1.0 | 2.5 | 1.3 | 1.0 |
| 9018 | Tarakan | | | | 1.0 | 2.0 | 4.5 | 2.2 | 2.0 |
| 9019 | Kutei | | 3.5 | 43.8 | 4.0 | 8.0 | 16.0 | 8.5 | 51.8 |
| 9020 | Upr. Kutei | | | | 1.0 | 2.0 | 4.0 | 2.3 | 2.0 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 9021 | Kapuas | | | | | Ng | | | 0.01 |
| 9022 | Melawi | | | | | Ng | | | 0.01 |
| 9023 | W. Natuna | | 0.05 | 1.65 | 8.0 | 16.0 | 30.0 | 16.5 | 17.65 |
| 9024 | E. Natuna (Sokang) | | | | | NA | | | 0.00 |
| 9025 | Barito | | | | | NA | | | 0.00 |
| | Irian Jaya (Total) | | | | 12.0 | 20.0 | 40.0 | 23.4 | |
| 9026 | Salawati | | | | 3.5 | 6.8 | 14.0 | 7.4 | 6.8 |
| 9027 | Waropen | | | | | Ng | | | 0.01 |
| 9028 | Arafuru | | | | 7.0 | 13.5 | 27.0 | 16.0 | 13.5 |
| 9029-34 | | | | | | | | | |
| | MALAYSIA (Total) | 0.8 | 5.5 | 64.4 | 24.7 | 40.6 | 100.0 | 54.0 | |
| 9035 | Malay | | 0.1 | 20.0 | 5.0 | 10.0 | 25.0 | 12.5 | 30.0 |
| 9036 | Penyu | | 0.0 | 0.55 | 0.3 | 0.5 | 1.0 | 0.6 | 1.05 |
| 9037 | Sarawak | | 2.8 | 35.0 | 13.0 | 25.0 | 60.0 | 31.0 | 60.0 |
| 9038 | Sabah | | 0.01 | 1.29 | 3.0 | 5.0 | 12.0 | 7.0 | 6.29 |
| 9039 | | | | | | | | | |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| (9040) | Baram Delta (20%) | | | 7.0 | 1.2 | 2.2 | 6.5 | 3.0 | |
| BRUNEI | | 0.3 | 5.9 | 12.2 | 2.7 | 4.4 | 10.0 | 5.6 | |
| 9040 | Baram Delta (Total) | | 6.5 | 19.2 | 3.4 | 5.0 | 15.0 | 8.6 | 24.2 |
| | Malaysia (20%) | | | 7.0 | 1.2 | 2.2 | 6.5 | 3.0 | |
| | Brunei (80%) | | | 12.2 | 2.7 | 4.4 | 10.0 | 5.6 | |
| PHILIPPINES | | | | | | NA | | | |
| 9041 | NW Palawan | | Ng | 5.4 | | NA | | | 5.4 |
| 9042 | S.E. Palawan | | | | | NA | | | 0.00 |
| 9043 | Kayagan | | | | | Ng | | | 0.01 |
| 9044 | Central Valley | | | | | Ng | | | 0.01 |
| 9045 | Luzon | | | | | Ng | | | 0.01 |
| 9046 | Visayan | | | | | Ng | | | 0.01 |
| 9047 | Aqusan | | | | | Ng | | | 0.01 |
| 9048 | Davao | | | | | Ng | | | 0.01 |
| 9049 | Spratley | | | | | NA | | | 0.00 |
| PAPUA NEW GUINEA | | Min | Min | 12.2 | 15.0 | 25.0 | 60.0 | 33.0 | |
| 9050 | Papuan | | 0.0 | 6.57 | 15.0 | 25.0 | 60.0 | 33.0 | 31.6 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| PACIFIC ISLANDS | | | | | | Ng | | | |
| 9051 | Bismarck | | | | | Ng | | | 0.01 |
| 9052 | Bouganville | | | | | Ng | | | 0.01 |
| 9053 | Solomon | | | | | Ng | | | 0.01 |
| 9054 | Huon | | | | | Ng | | | 0.01 |
| 9055-59 | | | | | | | | | |
| THAILAND (Total) | | 0.3 | 1.7 | 10.8 | 12.2 | 21.2 | 57.9 | 29.7 | |
| 9060 | Gulf of Thailand | | | 10.8 | 8.0 | 15.0 | 40.0 | 20.5 | 25.8 |
| 9061 | Chao Phaya | | | | 2.5 | 5.0 | 12.0 | 6.5 | 5.0 |
| 9062 | Fang | | | | | Ng | | | 0.01 |
| 9063 | Khorat | | | | 1.0 | 2.0 | 5.0 | 2.7 | 2.0 |
| CAMBODIA | | | | | | Ng | | | |
| 9064 | Tonle Sap | | | | | Ng | | | 0.01 |
| VIETNAM (Total) | | Min | Min | 3.0 | 10.0 | 20.0 | 40.0 | 24.8 | |
| 9065 | Yinggehai | | | 3.0 | 5.0 | 10.0 | 20.0 | 12.0 | 13.0 |
| 9066 | Quangda | | | | | Ng | | | 0.01 |
| 9067 | Mekong | | | | 1.5 | 3.0 | 10.0 | 4.8 | 3.0 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id.Rsvs. | 95% | Md | 5% | Mn | Futures |
| 9068 | Namconson | | | | 3.0 | 6.0 | 15.0 | 8.0 | 6.1 |
| 9069-10000 | | | | | | | | | |
| AUSTRALIA (Total) | | 0.8 | 8.5 | 77.3 | 11.2 | 19.0 | 47.0 | 25.2 | |
| NW Margin (Total) | | | 0.7 | 60.3 | 8.0 | 16.0 | 40.0 | 21.0 | |
| 10001 | Naturaliste Plateau | | | | | Ng | | | 0.01 |
| 10002 | Wallaby Plateau | | | | | Ng | | | 0.01 |
| 10003 | Perth | | | | | Ng | | | 0.01 |
| 10004 | Carnarvon So.) | | 1.0 | 39.6 | 3.0 | 6.0 | 15.0 | 7.1 | 45.6 |
| 10005 | Carnarvon No.) | | | | | | | | 45.6 |
| 10006 | Canning | | | | | Ng | | | 0.01 |
| 10007 | Browse | | 0.0 | 18.36 | 4.0 | 8.0 | 20.0 | 10.0 | 26.36 |
| 10008 | Bonaparte | | 0.0 | 6.68 | 1.0 | 2.0 | 5.0 | 2.7 | 8.68 |
| 10009 | Money Shoal | | | | | Ng | | | 0.01 |
| Central Basins | | | | | | | | | |
| 10010 | Bangemall | | | | | Ng | | | 0.01 |
| 10011 | Officer | | | | | Ng | | | 0.01 |
| 10012 | Arrowie | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 10013 | Amadeus | | | | | Ng | | | 0.01 |
| 10014 | Ngalia | | | | | Ng | | | 0.01 |
| 10015 | Ord | | | | | Ng | | | 0.01 |
| 10016 | Victoria | | | | | Ng | | | 0.01 |
| 10017 | Kimberlie | | | | | Ng | | | 0.01 |
| 10018 | Georgina | | | | | Ng | | | 0.01 |
| 10019 | Daly | | | | | Ng | | | 0.01 |
| 10020 | MacArthur | | | | | Ng | | | 0.01 |
| Eastern Basins (Total) | | | | | 0.8 | 1.5 | 4.0 | 2.6 | |
| 10021 | Carpenteria | | | | | Ng | | | 0.01 |
| 10022 | Eromanga | | 0.0 | 0.0 | | Ng | | | 0.01 |
| 10023 | Cooper | | 2.9 | 3.0 | 0.5 | 1.0 | 3.0 | 2.0 | 4.0 |
| 10024 | Bowen | | | | | Ng | | | 0.01 |
| 10025 | Surat | | 0.37 | 0.85 | 0.3 | 0.5 | 1.0 | 0.6 | 1.35 |
| 10026 | Sidney | | | | | Ng | | | 0.01 |
| 10027 | Murray | | | | | Ng | | | 0.01 |
| 10028 | Maryborough/Capricorn | | | | | Ng | | | 0.01 |
| 10029 | Ipswich | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 10030 | Clarence-Moreton | | | | | Ng | | | 0.01 |
| 10031-34 | | | | | | | | | |
| Southern Basins (Total) | | | | | 0.8 | 1.5 | 3.0 | 2.2 | |
| 10035 | Bremer | | | | | Ng | | | 0.01 |
| 10036 | Great Australian Bight | | | | 0.5 | 1.0 | 3.0 | 1.5 | 1.0 |
| 10037 | Polda | | | | | Ng | | | 0.01 |
| 10038 | Eucla | | | | | Ng | | | 0.01 |
| 10039 | Stansbury | | | | | Ng | | | 0.01 |
| 10040 | Otway | | | | | Ng | | | 0.01 |
| 10041 | Bass | | | | | Ng | | | 0.01 |
| 10042 | Gippsland | 1.4 | | 7.6 | 0.3 | 0.5 | 1.5 | 0.7 | 8.1 |
| NE Margin Basins | | | | | | Ng | | | |
| 10043 | Osprey | | | | | Ng | | | 0.01 |
| 10044 | Laura | | | | | Ng | | | 0.01 |
| 10045 | Queensland | | | | | Ng | | | 0.01 |
| 10046 | Townsville | | | | | Ng | | | 0.01 |

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| 10047 | Lord Howe Rise | | | | | NA | | | 0.00 |
| NEW ZEALAND (Total) | | 0.2 | 1.7 | 5.7 | 0.6 | 1.0 | 3.0 | 1.5 | |
| 10048 | Challenger | | | | | Ng | | | 0.01 |
| 10049 | Taranaki | | 2.1 | 5.0 | 0.35 | 0.6 | 1.8 | 0.9 | 5.6 |
| 10050 | Hawkes Bay | | | | 0.25 | 0.4 | 1.2 | 0.6 | 0.4 |
| 10051 | Chatham | | | | | Ng | | | 0.01 |
| 10052 | Solander | | | | | Ng | | | 0.01 |
| 10053 | Canterbury | | | | | Ng | | | 0.01 |
| 10054-11100 | | | | | | | | | |
| Australia/New Zealand (Total) | | | | | 11.0 | 20.0 | 50.0 | 27.0 | |
| ANTARCTICA[1] | | 0 | 0 | 0 | | NA | | | |
| Fore Arc | | | | | | | | | |
| 11101 | Alexander | | | | | | | | 0.00 |
| 11102 | Amundsen | | | | | | | | 0.00 |

[1]Assessment originally based on analog relations with comparable areas (see Kingston 1991). Subsequent analysis determined there to be no most likely (modal) occurrence of commercial petroleum, only low probability, 5%, values were assessed; for oil. Nonetheless, owing to potential high sealing qualities of ice, some probability remains for the occurrence of commercial gas.

| | | Discovered Resources (1/1/93) | | | Undiscovered Resources 1/1/93) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ann. Prod. | Cum. Prod. | Id. Rsvs. | 95% | Md | 5% | Mn | Futures |
| Back Arc | | | | | | | | | |
| 11103 | Larsen | | | | | | | | 0.00 |
| 11104 | Marie Byrd | | | | | | | | 0.00 |
| Interior Rift | | | | | | | | | |
| 11105 | Weddell | | | | | | | | 0.00 |
| 11106 | Ross | | | | | | | | 0.00 |
| 11107 | Amery | | | | | | | | 0.00 |
| Interior Sag | | | | | | | | | |
| 11108 | Wilkes | | | | | | | | 0.00 |
| 11109 | Aurora | | | | | | | | 0.00 |
| Marginal Rift[2] | | | | | | | | | |
| 11110 | "Australia" | | | | | | | | 0.00 |
| 11111 | "India" | | | | | | | | 0.00 |
| 11112 | "Africa" | | | | | | | | 0.00 |
| 11113 | "Falkland" | | | | | | | | 0.00 |

**[2] Below listed names refer to adjoining areas prior to pull-apart separation. Several discrete basins likely occur in each zone.**