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Summary of 1972  
Oil and Gas Statistics  
For Onshore and Offshore  
Areas of 151 Countries

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GEOLOGICAL SURVEY PROFESSIONAL PAPER 885





# Summary of 1972 Oil and Gas Statistics For Onshore and Offshore Areas of 151 Countries

By SHERWOOD E. FREZON

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GEOLOGICAL SURVEY PROFESSIONAL PAPER 885

*Data on offshore and onshore production, reserves,  
resources, exploration activity, and  
imports and exports of oil and  
natural gas for 1972*



**UNITED STATES DEPARTMENT OF THE INTERIOR**

**ROGERS C. B. MORTON, *Secretary***

**GEOLOGICAL SURVEY**

**V. E. McKelvey, *Director***

Library of Congress catalog-card No. 74-600102

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# SUMMARY OF 1972 OIL AND GAS STATISTICS FOR ONSHORE AND OFFSHORE AREAS OF 151 COUNTRIES

By SHERWOOD E. FREZON

## INTRODUCTION

### PURPOSE

The purpose of this report is to present data concerning the exploration, production, reserves, resources, and world trade of oil, natural gas, and petroleum products for 151 countries for the year 1972. The compilation, from diverse sources, should prove useful to those interested in the world's petroleum economy. In its intent and content this report is an update of similar data presented by Albers and others (1973).

### COUNTRIES INCLUDED

The 151 areas included in this report were selected because of their participation, in the petroleum economy of the world and because of their interest in the development of mineral resources, including petroleum, on the continental margins of the world. Most of the areas are independent countries, and for convenience the areas are collectively referred to as countries.

In reporting commodity data from many areas it seems advisable to maintain, in some part of the report, the integrity of data from the areas from which they are received. The degree of certainty and the completeness of commodity data varies for each area and frequently is highly variable for adjoining areas. To combine the data from two such areas, and present it as data from a single area, would be completely misleading and therefore is avoided.

The 151 countries are chosen solely because petroleum and trade data are available for them. The inclusion of any name on the list is not intended to convey any official attitude regarding their political status. The list includes 119 of the 120 countries included in the report of Albers and others (1973) and 32 new areas, and includes most areas bordering the continents, as well as the larger islands of the world.

## PRESENTATION OF DATA

The data for the 151 countries are presented in individual tables. Each table contains geographic and geologic information for the onshore and offshore areas of the country as well as production, reserve, resource, and trade data of oil, gas, and petroleum products.

At the end of this report certain of the data in the country tables is presented in the summary form, with countries arranged by continents. The continents are North America, South America, Europe, Asia, Africa, and Oceania, as listed in "Status of the Worlds Nations" (U.S. Department of State, 1969b). The Soviet Union is listed under a separate heading (Europe and Asia). The coastal and margin geography and geology of each of those countries bordered by oceans and inland seas are given in table 1. Production, cumulative production, proved recoverable reserves, and potential resources for all the 151 countries of the report are given for both oil (table 2) and gas (table 3).

### USE OF DATA

The data presented here reflect the degree to which a country currently participates in the production, refining, consumption, and trade of hydrocarbons. The accuracy of the data permits comparisons between countries with an acceptable degree of assurance.

The resource and reserve estimates are useful in determining the future ability of a country to participate in the economy, but they must be used with caution. Reserve estimates are transitory numbers subject to upward change with new discoveries and downward change resulting from production. Resource estimates are less accurate because in many areas they are based on a minimum of information and are highly conjectural. The transitory and interpretive nature of reserve and resource estimates, combined with the complexity of political and economic factors, reduce the certainty of any predictions made using reserve and resource data.

## SOURCES OF INFORMATION AND ACKNOWLEDGMENTS

The primary sources of available information used in this report were dispatches of the U.S. Department of State and publications of the U.S. Bureau of Mines. Where information from these sources was unavailable or insufficient, data were obtained from the published sources listed in the references. Specific sources of data are not given in the report, but all data are derived from the references.

The geographic and geologic data for the 119 countries of Professional Paper 817 (Albers and others, 1973) used in this report were compiled by E. G. A. Weed and J. I. Tracey, Jr.; similar data for the remaining countries were compiled by the author. The resource potential of each of the countries was determined by S. P. Schweinfurth.

The author is indebted to J. P. Albers and A. B. Coury for numerous discussions and helpful suggestions made during the time of compiling this report. Their previous experience in preparing Professional Paper 817, and their work in soliciting the Department of State data made it possible for the author to prepare the report in the shortest possible time.

## DATA TABULATED BY COUNTRY

### EXPLANATORY NOTES

#### DEFINITIONS AND ABBREVIATIONS

The meaning of abbreviations and the definitions of some terms used are presented here rather than on the tables for the individual countries.

The American system of numerical punctuation is used: periods indicate decimal points, and commas separate units of thousands. The American numbering system is used; thousand =  $10^3$ , million =  $10^6$ , billion =  $10^9$ , and trillion =  $10^{12}$ . Abbreviations used are as follows: NA—not available, information probably exists; 0—zero quantity; Negl—negligible, less than one-tenth ( $10^{-1}$ ) of designated unit; SI—shut in, well capable of producing oil or gas but not on production for the current year; >—greater than; <—less than.

Distances and areas are given in nautical miles. The relation between nautical miles and other generally used distance and areal measurements are as follows:

- 1 nautical mile =
  - 1.15 statute miles
  - 1.85 kilometers
- 1 square nautical mile =
  - 1.32 square statute miles
  - 3.43 square kilometers

The term offshore is used in a more restricted sense than by the oil and gas reporting media. Offshore

waters are defined as 1) waters along shores facing high seas, or 2) waters along shores of relatively confined seas through which an international boundary exists. Bodies of water surrounded by one nation or inland sea are not regarded as offshore waters. Following this definition, wells drilled or producing in Lake Maracaibo in Venezuela or the Caspian Sea in the Soviet Union are assigned to the onshore classification.

Quantities of oil generally are reported in barrels of 42 gallons or in metric tons. In the tables quantities are reported in both units of measurement, and the two quantities represent the same amount of oil. The number of barrels in a metric ton of oil is dependent on the specific gravity of the oil. The following list, prepared by the U.S. Bureau of Mines (1974), gives the number of barrels in a metric ton of oil from

	<i>Bbls per metric ton</i>		<i>Bbls per metric ton</i>
Abu Dhabi	7.612	Italy	6.813
Albania	6.672	Japan	7.352
Algeria	7.661	Kuwait	7.261
Angola	7.206	Libya	7.615
Argentina	7.172	Malaysia	7.709
Australia	7.775	Mexico	7.104
Austria	6.974	Mongolia	7.300
Bahrain	7.335	Morocco	7.602
Bolivia	8.056	Netherlands	6.816
Brazil	7.315	Neutral Zone	6.825
Brunei	7.334	New Guinea	7.468
Bulgaria	7.300	New Zealand	8.043
Burma	7.464	Nigeria	7.410
Canada	7.428	Norway	7.444
Chile	7.802	Oman	7.390
China		Pakistan	7.308
People's Republic of		Peru	7.517
China	7.300	Poland	7.419
Republic of China		Qatar	7.704
(Taiwan)	7.419	Romania	7.453
Colombia	7.054	Saudi Arabia	7.338
Cuba	6.652	Senegal	7.535
Czechoslovakia	6.782	Spain	7.287
Denmark	7.650	Syria	6.940
Ecuador	7.580	Trinidad	6.989
Egypt	6.929	Tunisia	7.709
France	7.287	Turkey	7.161
Gabon Republic	7.245	United Arab Emirates	7.549
Germany, West	7.223	United Kingdom	7.279
Hungary	7.630	United States	7.418
India	7.441	U.S.S.R.	7.350
Indonesia	7.348	Venezuela	7.005
Iran	7.370	Yugoslavia	7.407
Iraq	7.453	Zaire	7.478
Israel	7.253		

various world areas. This list was used to convert quantities of produced and exported oil from one unit of measurement to the other. Imported oil, and oil from countries not shown on the list, were converted from one to the other quantity using the world average of 7.3 barrels per metric ton.

Quantities of natural gas are reported in cubic feet or cubic meters. One cubic meter is equivalent to 35.3 feet.

## GEOGRAPHIC AND GEOLOGIC DATA

Category: Solely for the convenience of presenting information in this publication categories have been designated for each country that indicate the relation between the country and any coastal waters present. The four categories are: landlocked, shelf-

locked, open shelf, and archipelago. Landlocked countries have no access to coastal waters. Shelf-locked countries have access to seabed areas which have superjacent waters that are no deeper than 200 meters. Open shelf countries have access to areas deeper than 200 meters. Archipelago indicates that the country is an island or islands on a shelf area. The map "Boundaries of separate seabed areas of contrasting topographic gradients" (U.S. Department of State, 1971) was used to determine these categories.

**Bordering water body:** The sixteen major water bodies named in this report are the Pacific, Atlantic, Indian, and Arctic Oceans; the Mediterranean, Adriatic, South China, Caribbean, East China, Japan, North, Red, Black, and Baltic Seas; the Persian Gulf, and Gulf of Mexico. These names are listed for each country in order of decreasing length of coastline.

**Coastal length:** The length of the coastline facing the sea, exclusive of irregularities, is given in nautical miles. Data are from "Sovereignty of the sea" U.S. Department of State, 1969a).

**Shelf and margin:** The continental shelf is defined as the area between the shore line and the 200-meter isobath. The outer edge of the continental margin generally lies between the 200-meter and the 3,000 meter isobaths. Areas are given in square nautical miles, and the data is from "Sovereignty of the seas" (U.S. Department of State, 1969a).

**Geology:** Two rock types, sedimentary and crystalline, are used to describe the geology. Where both rock types occur the first type listed comprises more than 50 percent of the area. If the country borders an ocean or sea, the rock types for coastal onshore and offshore areas are given; for landlocked countries the rock types present in the whole country are listed. The source of this data is McKelvey and Wang (1970).

#### OIL AND GAS STATISTICS

**Production in 1972:** Oil production is reported in barrels and metric tons; gas production is reported in cubic feet and cubic meters. Natural gas production is gross production, which includes flared, vented, reinjected, and marketed gas.

**Cumulative production:** Total cumulative production is for the years indicated. It includes previously reported cumulative production (Albers and others, 1973) to which 1972 production is added.

**Proved recoverable reserves:** Reserves are identified deposits of oil and gas known to be recoverable. The quantities cited here are the estimated remaining reserves available as of 12/31/72.

**Potential resources (ultimate recoverable resources):**

Potential resources are quantities of crude oil and natural gas that are believed to be present in sedimentary rocks in areas that have not been explored or only partly explored. Because the estimates of these resources are based on a minimum of geologic information, their accuracy is largely dependent on the estimation procedures. The actual quantities of these resources that will be discovered is dependent on the intensity of exploration programs. These programs are in turn a function of petroleum industry technology and the economics of petroleum supply and demand.

Each potential resource estimate is given as a numerical rating that represents a range of the quantity of oil and gas believed to be present. The use of a specific quantity is avoided in order to prevent any implication of a misleading degree of precision, accuracy, or certainty of the estimate.

The quantities of oil and gas assigned to the various categories is shown below.

Category	Quantity of oil or gas			
	Billions of barrels		Trillions of cubic feet	
I -----	1,000	-10,000	1,000	-10,000
II -----	100	- 1,000	100	- 1,000
III -----	10	- 100	10	- 100
IV -----	1	- 10	1	- 10
V -----	0.1	- 1	0.1	- 1
VI -----	0.01-	0.1	0.01-	0.1
O -----		<0.01		<0.01

The quantity of oil and gas in each category varies from that in adjoining categories by orders of 10. Thus the quantity in any single category is ten times smaller than the next larger category and ten times greater than the next smaller category. The 0 category does not indicate 0 quantity; countries in the zero category could produce, if feasible, several million barrels of oil.

The methods used to compute potential resources estimates are based on the work of Hendricks (1965). Historical data useful in defining potential resources include exploration, drilling and field development information, reserve estimates, and production efforts. For the United States these data, as well as geologic information, are abundant and the estimates are relatively accurate. At the present time, for example, the United States has reached a cumulative production slightly greater than 100 billion barrels of oil, which falls in the lower part of its assigned category II.

For areas and countries with little or no historical petroleum data, resource estimates were made by comparing the area with geologically similar areas in the United States where potential resources

were known. It was assumed that geologically similar areas had similar resource potential. Therefore the quantity of oil in each was dependent upon its relative size. With these assumptions the resources of the unknown area could be estimated.

After determining the potential resources for all areas within a country the oil-in-place and the gas-in-place were totaled. Not all this estimated oil and gas is recoverable because of economic and technological reasons. Therefore the in-place quantities were reduced by an amount equivalent to an estimated fractional recovery factor to produce the ultimate recoverable reserves. These quantities determined the potential resource category.

Number of wells completed in 1972: In this table the wells drilled in 1972 are classified as onshore or offshore and as exploratory or production depending upon the purpose for which they were drilled. Wells drilling at the end of the year are not included in the tabulation: wells started in earlier years and completed in 1972 are included, unless noted.

The depth of water in which offshore wells are drilled is indicated as greater than 200 meters (>200 m) or less than 200 meters (<200 m). The 200-meter depth is equivalent to about 100 fathoms or 660 feet.

Exploratory wells are drilled to find deeper production zones in known fields, or to find production in areas where none exists. Production wells, on the other hand, are drilled to encounter producing zones in known fields.

Producing wells as of 12/31/72: Producing wells include both pumping and flowing oil wells and gas

wells. Generally the number of producing gas wells is not available.

Offshore concessions licensed as of 12/31/72: A concession is here defined as an offshore area in which exploration activities can be conducted. The permit or license is the formal permission from the relevant agency in the country to conduct exploration activities. The best source of this information is the maps published in the annual Foreign Developments issue of the Bulletins of the American Association of Petroleum Geologists.

Offshore exploration expenditures in 1972: Little information on such expenditures is generally available. The names and nationalities of companies involved in such exploration are known. The amounts expended by these companies are often not known; therefore the symbol NA is used frequently in these tables.

Imports and exports in 1972: Imports of oil, natural gas, and petroleum products are reported in actual quantities. The three-part division of commodities more accurately reflects the activity of a country in the production, refining, consumption, and trade of petroleum hydrocarbons. As in other tables, quantities of oil and gas are reported in two units of measurements. Quantities of products are reported in only one unit and no equivalent is given. This fact is indicated by a + sign in the headings of the columns. For those countries where two entries exist in the products columns, the reporting source has reported quantities of liquids in gallons, and quantities of solids in metric tons.

## AFGHANISTAN

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	Negl	---	Negl	Negl	---	Negl
Cumulative production (1971-72) -----	Negl	---	Negl	Negl	---	Negl
Proved recoverable reserves (12/31/72) -	90	---	90	12	---	12

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	91.3	----	91.3	2.6	---	2.6
Cumulative production (1967-72) -----	428	----	428	12	---	12
Proved recoverable reserves (12/31/72) -	5,000	----	5,000	142	---	142

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	----	----	NA	NA
Development -	NA	NA	----	----	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
	Amount ----- } Percent ----- }	Not applicable.		

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	2.9	0	0	0
Exports -----	0	0	0	0	91.3	2.6

## ALBANIA

Category: Open shelf.  
 Bordering water body: Adriatic Sea.  
 Coastal length: 155 nautical miles.  
 Shelf area to 200-m depth: 1,600 sq nautical miles.

Margin: Area to 3,000-m depth, 3,600 sq nautical miles. Area to 200 nautical miles, 3,600 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	15	0	15	2.2	0	2.2
Cumulative production (1933-72) -----	97	0	97	14.2	0	14.2
Proved recoverable reserves (12/31/72) -	90	0	90	13.6	0	13.6

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	0	NA	NA	0	NA
Cumulative production (1933-72) -----	NA	0	NA	NA	0	NA
Proved recoverable reserves (12/31/72) -	300	0	300	8.4	0	8.4

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	IV	III	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	NA	NA	NA
Development -	NA	NA	NA	NA	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	0	NA	NA
Percent -----	NA	0	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	NA	NA	NA	NA	NA	NA
Exports -----	NA	NA	NA	NA	NA	NA

## ALGERIA

Category: Open shelf.

Bordering water body: Mediterranean Sea.  
Coastal length: 596 nautical miles.

Shelf area to 200-m depth: 4,000 sq nautical miles.

Margin: Area to 3,000-m depth, 13,600 sq nautical miles. Area to 200 nautical miles, 40,000 sq nautical miles.

Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil						
	Millions of barrels			Millions of metric tons			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	400	0	400	52	0	52	
Cumulative production (1944-72) -----	3,318	0	3,318	430	0	430	
Proved recoverable reserves (12/31/72) -	11,800	0	11,800	1,532.5	0	1,532.5	
	Natural gas						
	Billions of cubic feet			Billions of cubic meters			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	107.8	0	107.8	3.1	0	3.1	
Cumulative production (1957-72) -----	>1,708	0	>1,708	>48	0	>48	
Proved recoverable reserves (12/31/72) -	105,900	0	105,000	3,000	0	3,000	
Potential resources (ultimate recoverable resources):							
	Oil			Natural gas			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Category -----	II	0	II	II	0	II	
Number of wells completed in 1972:							
	Onshore		Offshore		Total	Producing	
	Number	Producing	<200 m	>200 m			
Exploratory --	9	1	0	0	9	1	
Development -	70	53	0	0	70	53	
Producing wells as of 12/31/72:							
Onshore, 574; Offshore, 0; Total, 574.							
Offshore concessions licensed as of 12/31/72:							
None licensed; state assumed control of industry in 1971.							
Offshore exploration expenditures in 1972:							
	Local companies		U.S. companies		Companies of other countries		Government
	Amount	Percent	Amount	Percent	Amount	Percent	Amount
Amount -----	0		0		0		NA
Percent -----	0		0		0		NA
Imports and exports of oil, products, and natural gas in 1972:							
	Crude oil		Petroleum products		Natural gas		
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters	
Imports -----	0	0	3.4	0	0	0	
Exports -----	364.4	47.4	2.1	0	NA	NA	

## ANGOLA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 806 nautical miles.

Shelf area to 200-m depth: 19,500 sq nautical miles.

Margin: Area to 3,000-m depth, 65,900 sq nautical miles. Area to 200 nautical miles, 147,600 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	4.9	46.5	51.4	0.7	6.4	7.1
Cumulative production (1958-72) -----	56.9	124.5	181.4	8	17	25
Proved recoverable reserves (12/31/72) -	NA	NA	1,200	NA	NA	166.7

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	40.3	>40.3	NA	1.1	>1.1
Cumulative production (1958-72) -----	NA	>40.3	>40.3	NA	>1.1	>1.1
Proved recoverable reserves (12/31/72) -	NA	NA	1,400	NA	NA	39.7

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	7	3	8	0	2	5
Development -	11	NA	8	0	NA	15

Producing wells as of 12/31/72:

Onshore, 57; Offshore, 101; Total, 158.

Offshore concessions licensed as of 12/31/72:

Eight concessions; all within 200-m depth. Four onshore and offshore; five completely offshore. Concessions licensed to five companies or consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	3.4	0	NA	NA
Exports -----	49.2	0	2.1	0	NA	NA

## ARGENTINA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 2,120 nautical miles.

Shelf area to 200-m depth: 232,200 sq nautical miles.

Margin: Area to 3,000-m depth, 484,100 sq

nautical miles. Area to 200 nautical miles, 339,500 sq nautical miles.

Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	158.4	0	158.4	22.7	0	22.7
Cumulative production (1908-72) -----	2,055.7	0	2,055.7	313.7	0	313.7
Proved recoverable reserves (12/31/72) ->	2,500	NA	>2,500	>357.7	NA	>357.7

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	268.7	0	268.7	7.6	0	7.6
Cumulative production (1960-72) -----	2,835.4	0	2,835.4	83.6	0	83.6
Proved recoverable reserves (12/31/72) -	6,700	NA	6,700	190	NA	190

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	III	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	106	20	0	0	106	20
Development -	509	389	0	0	509	389

Producing wells as of 12/31/72:

Onshore, 5,660; Offshore, 0; Total, 5,660.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	10.9	1.5	4.8	0	34.6	0.9
Exports -----	.2	Negl	1.4	0	0	0

## AUSTRALIA

Category : Open shelf.

Bordering water bodies : Pacific Ocean, Indian Ocean.

Coastal length : 15,091 nautical miles.

Shelf area to 200-m depth : 661,600 sq nautical miles.

Margin : Area to 3,000-m depth, 1,445,400 sq nautical miles. Area to 200 nautical miles, 2,043,300 sq nautical miles.

Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	29	114	143	3.6	14.8	18.4
Cumulative production (1964-72) -----	108.6	257.2	365.8	14.1	33.5	47.6
Proved recoverable reserves (12/31/72) -	NA	NA	2,082	NA	NA	268

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	68.2	31.4	99.6	1.9	0.9	2.8
Cumulative production (1965-72) -----	147.7	93.8	241.5	4.2	2.6	6.8
Proved recoverable reserves (12/31/72) -	NA	NA	37,700	NA	NA	1,068

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	III	III	II	II	II

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	50	3	36	0	7	86
Development --	32	17	14	0	12	46

Producing wells as of 12/31/72 :

Onshore, NA ; Offshore, NA ; Total, 474.

Offshore concessions licensed as of 12/31/72 :

No information.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	65.3	0	24.5	0	0	0
Exports -----	4	0	16.2	0	0	0

## AUSTRIA

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	17.3	---	17.3	2.5	---	2.5
Cumulative production (1933-72) -----	502	---	502	73	---	73
Proved recoverable reserves (12/31/72) -	184.5	---	184.5	26.7	---	26.7

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	70.6	---	70.6	2.0	---	2.0
Cumulative production (1930-72) -----	1,105	---	1,105	31	---	31
Proved recoverable reserves (12/31/72) -	550	---	550	15	---	15

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	21	5	---	---	21	5
Development --	53	46	---	---	53	46

Producing wells as of 12/31/72 :

Onshore, 1,461; Offshore, ---; Total, 1,461.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	38	5.2	0	3.7	NA	NA
Exports -----	0	0	0	1.6	0	0

## BAHAMAS

Category: Archipelago.

Bordering water body: Atlantic Ocean.

Coastal length: 1,500 nautical miles (est).

Shelf area to 200-m depth: 25,000 sq nautical miles (est).

Margin: Area to 3,000-m depth, 75,000 sq nautical miles (est). Area to 200 nautical miles, 221,400 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	VI	VI	VI	VI	VI	VI

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Nineteen concessions within 200-m isobath licensed to five companies and one consortium.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	9.9	1.4	4.1	0	Negl	Negl
Exports -----	1.7	.2	14.1	0	0	0

## BAHRAIN

Category: Shelf locked.

Bordering water body: Persian Gulf.

Coastal length: 68 nautical miles.

Shelf area to 200-m depth: 1,500 sq nautical miles.

Margin: Area to 3,000-m depth, 1,500 sq nautical miles. Area to 200 nautical miles, 1,500 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	25.5	0	25.5	3.5	0	3.5
Cumulative production (1933-72) -----	532	0	532	73	0	73
Proved recoverable reserves (12/31/72) -	514	0	514	70.4	0	70.4

	Natural gas					
	Billion\$ of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	64.9	0	64.9	1.8	0	1.8
Cumulative production (1933-72) -----	350	0	350	9.8	0	9.8
Proved recoverable reserves (12/31/72) -	840	0	840	23.8	0	23.8

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	1	---	0	0
Development --	8	5	0	---	0	5

Producing wells as of 12/31/72:

Onshore, 221; Offshore, 0; Total, 221.

Offshore concessions licensed as of 12/31/72:

Two concessions leased to one company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$5 million	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	60.3	8.2	1.6	0	NA	NA
Exports -----	.7	.1	77.2	0	0	0

## BANGLADESH

Category: Open shelf.

Bordering water body: Indian Ocean.

Coastal length: 310 nautical miles.

Shelf area to 200-m depth: 16,000 sq nautical miles.

Margin: Area to 3,000-m depth, 20,800 sq nautical miles. Area to 200 nautical miles, 22,400 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	NA	NA	NA	NA	NA	NA

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	17	0	17	0.5	0	0.5
Cumulative production (1960-72) ----	>68.6	0	>68.6	>2	0	>2
Proved recoverable reserves (12/31/72) -	9,250	0	9,250	262	0	262

  

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	III	III	III

  

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

  

Producing wells as of 12/31/72:  
Onshore, 6; Offshore, 0; Total, 6.

Offshore concessions licensed as of 12/31/72:  
None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

  

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	6.1	0.8	1	0	0	0
Exports -----	0	0	.2	0	0	0

## BARBADOS

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 55 nautical miles.

Shelf area to 200-m depth: 100 sq nautical miles.

Margin: Area to 3,000-m depth, 2,300 sq nautical miles. Area to 200 nautical miles, 48,800 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	Negl	0	Negl	Negl	0	Negl
Cumulative production (through 1972) ----	Negl	0	Negl	Negl	0	Negl
Proved recoverable reserves (12/31/72) -	1.0	0	1.0	0.1	0	0.1

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0.1	0	0.1	Negl	0	Negl
Cumulative production (through 1972) ----	.5	0	.5	Negl	0	Negl
Proved recoverable reserves (12/31/72) -	NA	0	NA	NA	0	NA

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	IV	V	V	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 5; Offshore, 0; Total, 5.

Offshore concessions licensed as of 12/31/72:

One concession that includes all onshore areas and offshore area to 200 meters is licensed to one U.S. company

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0.9	0.1	1.3	0	0	0
Exports -----	0	0	1.5	0	0	0

## BELGIUM

Category: Shelf locked.  
 Bordering water body: North Sea.  
 Coastal length: 34 nautical miles.  
 Shelf area to 200-m depth: 800 sq nautical miles.

Margin: Area to 3,000-m depth, 800 sq nautical miles. Area to 200 nautical miles, 800 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	---	0	0
Development -	0	0	0	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	No information.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	260.8	35.7	0	6.1	293	8.3
Exports -----	0	0	0	13.2	0	0

**BELIZE**

Category: Open shelf.  
 Bordering water body: Caribbean Sea.  
 Coastal length: 191 nautical miles.  
 Shelf area to 200 meters: 2,800 sq nautical miles.

Margin: Area to 3,000-m depth, 8,000 sq nautical miles. Area to 200 nautical miles, 9,000 sq nautical miles.  
 Geology: Onshore coastal, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	5	0	0	0	5	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Five concessions leased to three companies.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	0.4	0	0	0
Exports -----	0	0	Negl	0	0	0

## BHUTAN

Category: Landlocked.  
 Bordering water body:  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	----	0	0	----	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	NA	NA	0	0
Exports -----	0	0	0	0	0	0

**BOLIVIA**

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	16	----	16	1.9	----	1.9
Cumulative production (through 1972) ----	144	----	144	18	----	18
Proved recoverable reserves (12/31/72) -	200	----	200	24	----	24

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	121	----	121	3.4	----	3.4
Cumulative production (through 1972) ----	293.6	----	293.6	8.3	----	8.3
Proved recoverable reserves (12/31/72) -	4,800	----	4,800	135.9	----	135.9

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	----	III	II	----	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	8	2	---	---	8	2
Development -	6	6	---	---	6	6

Producing wells as of 12/31/72:

Onshore, 120; Offshore, ---; Total, 120.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0.2	0	0	0
Exports -----	10.9	1.4	0	0	35.5	1.0

## BOTSWANA

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category* -----	VI	----	VI	III	----	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	---	0
Development -	0	0	---	---	---	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	NA	0	0
Exports -----	0	0	0	0	0	0

## BRAZIL

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 3,692 nautical miles.

Shelf area to 200-m depth: 224,100 sq nautical miles.

Margin: Area to 3,000-m depth, 435,700 sq nautical miles. Area to 200 nautical miles, 924,000 sq nautical miles.

Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	57.6	3.5	61.1	7.9	0.5	8.4
Cumulative production (through 1972) ----	660.6	5.5	666.1	90.3	.8	91.1
Proved recoverable reserves (12/31/72) -	778.1	19.6	797.7	106.3	2.7	109

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	43.8	Negl	43.8	1.2	Negl	1.2
Cumulative production (through 1972) ----	384.8	Negl	384.8	11.2	Negl	11.2
Proved recoverable reserves (12/31/72) -	741.5	176.5	918.0	21	5	26

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	II	III	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	52	10	28	0	3	80
Development --	81	58	14	0	11	95

Producing wells as of 12/31/72:

Onshore, 748; Offshore, 495; Total, 1,243.

Offshore concessions licensed as of 12/31/72:

No concessions licensed. Offshore exploration contracted by government-owned oil company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	<\$1 million <sup>1</sup>
Percent -----	0	0	0	100

<sup>1</sup> Total expenditures, onshore and offshore were \$1 million.

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	171.1	23.4	7.9	0	0	0
Exports -----	7.6	1.2	11.5	0	0	0

## BRUNEI

Category: Open shelf.  
 Bordering water body: South China Sea.  
 Coastal length: 88 nautical miles.  
 Shelf area to 200-m depth: 2,800 sq nautical miles.

Margin: Area to 3,000-m depth, 5,300 sq nautical miles. Area to 200 nautical miles, 7,100 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	21.8	45.2	67	3	6.2	9.2
Cumulative production (through 1972) ----	>809.2	190.8	>1,000	>110.8	26.1	>136.9
Proved recoverable reserves (12/31/72) -	NA	2,413	>2,413	NA	330	>330

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	NA	NA	NA	NA
Cumulative production (through 1972) ----	NA	NA	NA	NA	NA	NA
Proved recoverable reserves (12/31/72) -	NA	NA	15,000	NA	NA	425

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	IV	V	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	NA	NA	NA
Development -	NA	NA	NA	NA	NA	NA

Producing wells as of 12/31/72:

Onshore, 233; Offshore, 198; Total, 431.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet =	Billions of cubic meters
Imports -----	0	0	Negl	0	NA	NA
Exports -----	<sup>1</sup> 66.5	<sup>1</sup> 9.1	0	0	NA	NA

<sup>1</sup> Estimated.

## BULGARIA

Category: Open shelf.  
 Bordering water body: Black Sea.  
 Coastal length: 134 nautical miles.  
 Shelf area to 200-m depth: 3,600 sq nautical miles.

Margin: Area to 3,000-m depth, 9,600 sq nautical miles. Area to 200 nautical miles, 9,600 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1.8	0	1.8	0.2	0	0.2
Cumulative production (1955-72) -----	>66	0	>66	>9.2	0	>9.2
Proved recoverable reserves (12/31/72) -	278	0	278	38	0	38

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	14.9	0	14.9	0.4	0	0.4
Cumulative production (1965-72) -----	93.9	0	93.9	2.4	0	2.4
Proved recoverable reserves (12/31/72) -	1,000	0	1,000	28	0	28

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	Category -----	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing <200 m	>200 m	Producing		
Exploratory -- } Development - }	No information.					

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	60.4	8.2	NA	0	NA	NA
Exports -----	Negl	Negl	NA	0	NA	NA

## BURMA

Category: Open shelf.

Bordering water body: Indian Ocean.

Coastal length: 1,230 nautical miles.

Shelf area to 200-m depth: 22,900 sq nau-

tical miles. Area to 200 nautical miles,

128,600 sq nautical miles.

Geology: Coastal onshore, sedimentary/  
crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	7.5	0	7.5	1	0	1
Cumulative production (1889-1972) -----	421.5	0	421.5	56	0	56
Proved recoverable reserves (12/31/72) -	40	0	40	5.4	0	5.4

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	4.2	0	4.2	0.1	0	0.1
Cumulative production (1889-1972) -----	368.2	0	368.2	10.1	0	10.1
Proved recoverable reserves (12/31/72) -	100	0	100	2.8	0	2.8

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	III	IV	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	2	0	3	0	5	0
Development -	24	11	0	0	24	11

Producing wells as of 12/31/72:

Onshore, 712; Offshore, 0; Total, 712.

Offshore concessions licensed as of 12/31/72:

None. All exploration performed by government contract.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	1.87	.2	.4	0	0	0
Exports -----	0	0	.4	0	0	0

## BURUNDI

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	----	0	0	----	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development --	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	Negl	0	0
Exports -----	0	0	0	Negl	0	0

## CAMEROON

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 187 nautical miles.

Shelf area to 200-m depth: 3,100 sq nautical miles.

Margin: Area to 3,000-m depth, 4,500 sq nautical miles. Area to 200 nautical miles, 4,500 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	10	10	10	0	10	10

<sup>1</sup>First discovery well SI; reserves not established.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	5	0	1	1
Development --	0	0	0	0	0	0

<sup>1</sup>SI.

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0<sup>1</sup>; Total, 0.<sup>1</sup>SI-1.

Offshore concessions licensed as of 12/31/72:

Eight concessions, none beyond 200 meters, licensed to one company and two consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	\$70 million	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	3.2	0	0	0
Exports -----	0	0	0	0	0	0

## CANADA

Category: Open shelf.  
 Bordering water bodies: Arctic Ocean, Atlantic Ocean, Pacific Ocean.  
 Coastal length: 11,129 nautical miles.  
 Shelf area to 200-m depth: 846,500 sq nautical miles.

Margin: Area to 3,000-m depth, 1,240,000 sq nautical miles. Area to 200 nautical miles, 1,370,000 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	560.7	0	560.7	75.8	0	75.8
Cumulative production (1862-1972) -----	5,761	0	5,761	776	0	776
Proved recoverable reserves (12/31/72) -	10,200	<sup>1</sup> NA	>10,200	1,378	<sup>1</sup> NA	>1,378

<sup>1</sup> Some offshore wells SI.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	2,913	0	2,913	82.5	0	82.5
Cumulative production (1862-1972) -----	38,824	0	38,824	1,099	0	1,099
Proved recoverable reserves (12/31/72) -	55,462	NA	>55,462	1,570	NA	>1,570

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	III	III	III	II	III	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1,710	528	16	0	4	1,726
Development -	1,905	1,540	0	0	0	1,905

Producing wells as of 12/31/72:

Onshore, 17,101; Offshore, 0; Total, 17,101.

Offshore concessions licensed as of 12/31/72:

Many offshore exploration permits granted, especially off the east coast.

Some concessions beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	288.7	39	51.2	0	NA	NA
Exports -----	348.4	47.7	34.1	0	NA	NA

## CENTRAL AFRICAN REPUBLIC

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200 m-depth : None.  
 Margin : None.  
 Geology : Crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 -----	0	----	0	0	----	0
Cumulative production (through 1972) -----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) -----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	---	V	V	---	V

Number of wells completed in 1972:

	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	0	0	--	--	--	0	0
Development --	0	0	--	--	--	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, --; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local	U.S.	Companies of	Government
	companies	companies	other countries	
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	Negl	0	0
Exports -----	0	0	0	Negl	0	0

## CHAD

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	--	--	0	0
Development --	0	0	--	--	0	0

Producing wells as of 12/31/72 :

Onshore, NA ; Offshore, --- ; Total, NA.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	<1	0	0	0
Exports -----	0	0	NA	NA	0	0

## CHILE

Category: Open shelf.  
 Bordering water body: Pacific Ocean.  
 Coastal length: 2,882 nautical miles.  
 Shelf area to 200-m depth: 80,000 sq nautical miles.

Margin: Area to 3,000-m depth, 167,900 sq nautical miles. Area to 200 nautical miles, 667,300 sq nautical miles.  
 Geology: Coastal onshore, crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	12.5	0	12.5	1.6	0	1.6
Cumulative production (through 1972) ----	184.5	0	184.5	23.6	0	23.6
Proved recoverable reserves (12/31/72) -	100.6	0	100.6	12.9	0	12.9

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	284.9	0	284.9	8.1	0	8.1
Cumulative production (through 1972) ----	3,018	0	3,018	100.6	0	100.6
Proved recoverable reserves (12/31/72) -	1,775	0	1,775	50	0	50

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	III	III

Number of wells completed in 1972:

	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	28	6	6	0	1	34	7
Development --	39	22	0	0	0	39	22

Producing wells as of 12/31/72:

Onshore, 325; Offshore, 0; Total, 325.

Offshore concessions licensed as of 12/31/72:

All exploration is done by a government agency.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	\$6.5 million
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	26.7	3.7	0	Negl	0	0
Exports -----	0	0	0	0.2	0	0

## CHINA

## People's Republic of China

Category: Open shelf.  
 Bordering water bodies: South China Sea,  
 East China Sea.  
 Coastal length: 3,492 nautical miles.  
 Shelf area to 200-m depth: 230,100 sq  
 nautical miles.

Margin: Area to 3,00-m depth, 281,000 sq  
 nautical miles. Area to 200 nautical  
 miles, 281,000 sq nautical miles.  
 Geology: Coastal onshore, crystalline/sedi-  
 mentary. Offshore, crystalline/sedimen-  
 tary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	192	Negl	192	26	Negl	26
Cumulative production (through 1972) -----	<1,163	Negl	1,163	<159	Negl	159
Proved recoverable reserves (12/31/72) -	<20,000	NA	20,000	<2,700	NA	2,700

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	NA	NA	NA	NA
Cumulative production (1941-72) -----	NA	NA	NA	NA	NA	NA
Proved recoverable reserves (12/31/72) -	NA	NA	4,000	NA	NA	133.3

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	IV	III	II	III	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	0	NA	NA
Development -	NA	NA	NA	0	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	NA	NA	NA	NA	NA	NA
Exports -----	NA	NA	NA	NA	NA	NA

## CHINA—Continued

## Republic of China (Taiwan)

Category: Open shelf.

Bordering water bodies: Pacific Ocean,  
South China Sea.

Coastal length: 470 nautical miles.

Shelf area to 200-m depth: 23,500 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 39,900 sq  
nautical miles. Area to 200 nautical  
miles, 114,400 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0.9	0	0.9	0.1	0	0.1
Cumulative production (1941-72) -----	4.5	0	4.5	.6	0	.6
Proved recoverable reserves (12/31/72) -	18.7	0	18.7	2.5	0	2.5

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	34.7	0	34.7	0.1	0	0.1
Cumulative production (1941-72) -----	255	0	255	6	0	6
Proved recoverable reserves (12/31/72) -	500	0	500	14	0	14

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	6	1	0	0	0	1
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 51; Offshore, 0; Total, 51.

Offshore concessions licensed as of 12/31/72:

Eight concessions, seven companies holding leases for joint ventures with  
government owned company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	NA
Percent -----	0	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	50.5	6.8	10.8	0	NA	NA
Exports -----	0	0	9.7	0	NA	NA

## COLOMBIA

Category: Open shelf.

Bordering water bodies: Caribbean Sea,  
Pacific Ocean.

Coastal length: 1,022 nautical miles.

Shelf area to 200-m depth: 19,800 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 60,900 sq  
nautical miles. Area to 200 nautical  
miles, 175,900 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	71.7	0	71.7	10.2	0	10.2
Cumulative production (through 1972) ----	1,722	0	1,722	244	0	244
Proved recoverable reserves (12/31/72) -	1,590	0	1,590	227	0	227

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	115.6	0	115.6	3.3	0	3.3
Cumulative production (through 1972) ----	2,699	0	2,699	76	0	76
Proved recoverable reserves (12/31/72) -	2,500	0	2,500	70	0	70

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	IV	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	20	2	0	0	20	2
Development --	36	30	0	0	36	30

Producing wells as of 12/31/72:

Onshore, 2,026; Offshore, 0; Total, 2,026.

Offshore concessions licensed as of 12/31/72:

Four offshore concessions licensed; all within 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount <sup>1</sup> -----	0	\$360	\$30	\$190
Percent <sup>1</sup> -----	0	62	5	33

<sup>1</sup> Revised.

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0.5	0	0	0
Exports -----	14.9	2.1	12.4	0	0	0

## CONGO

Category: Open shelf.  
 Bordering water body: Atlantic Ocean.  
 Coastal length: 84 nautical miles.  
 Shelf area to 200-m depth: 2,600 sq nautical miles.

Margin: Area to 3,000-m depth, 7,200 sq nautical miles. Area to 200 nautical miles, 7,200 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0.7	1.8	2.5	0.1	0.2	0.3
Cumulative production (through 1972) ----	5.9	1.8	7.7	.8	.2	1.0
Proved recoverable reserves (12/31/72) -	<4,270	>730	5,000	<571	>98	669

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	0.6	NA	NA	Negl
Cumulative production (through 1972) ----	NA	NA	1.7	NA	NA	Negl
Proved recoverable reserves (12/31/72) -	NA	NA	>5	NA	NA	Negl

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	III	V	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	7	0	3	7
Development --	0	0	36	0	35	36

Producing wells as of 12/31/72:

Onshore, <sup>1</sup> 8; Offshore, 12; Total, <sup>1</sup> 20.

<sup>1</sup> Estimated

Offshore concessions licensed as of 12/31/72:

Four concessions, within 200 m, leased to two consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	0	NA	NA
Percent -----	NA	0	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	<1	0	0	0
Exports -----	NA	NA	NA	NA	0	0

## COSTA RICA

Category: Open shelf.

Bordering water bodies: Pacific Ocean,  
Caribbean Sea.

Coastal length: 446 nautical miles.

Shelf area to 200-m depth: 4,600 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 15,100 sq  
nautical miles. Area to 200 nautical  
miles, 75,500 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	VI	V	V	VI	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Caribbean Sea: One concession licensed to one company.

Pacific Ocean: No concession licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	\$250,000	0
Percent -----	0	0	100	0

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	2.7	0.4	0.5	0	0	0
Exports -----	0	0	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

## CUBA

Category: Archipelago.  
 Bordering water body: Atlantic Ocean,  
 Caribbean Sea.  
 Coastal length: 1747 nautical miles.  
 Shelf area to 200-m depth: 23,300 sq nau-  
 tical miles.

Margin: Area to 3,000-m depth, 68,900 sq  
 nautical miles. Area to 200 nautical  
 miles, 105,800 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/  
 crystalline. Offshore, sedimentary/crys-  
 talline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1.2	0	1.2	0.2	0	0.2
Cumulative production (1968-72) -----	13.2	0	13.2	6.6	0	6.6
Proved recoverable reserves (12/31/72) -	9	0	9	1.3	0	1.3

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	0	NA	NA	0	NA
Cumulative production (through 1972) -----	NA	0	NA	NA	0	NA
Proved recoverable reserves (12/31/72) -	NA	0	NA	NA	0	NA

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	V	IV	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	0	NA	NA
Development -	NA	NA	NA	0	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

All exploration in the hands of state agency.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	NA	NA
Percent -----	0	0	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	51.9	7.1	NA	0	NA	NA
Exports -----	NA	NA	NA	0	NA	NA

## CYPRUS

Category: Open shelf.  
 Bordering water body: Mediterranean Sea.  
 Coastal length: 290 nautical miles.  
 Shelf area to 200 m-depth: 1,900 sq nautical miles.

Margin: Area to 3,000-m depth, 11,900 sq nautical miles. Area to 200 nautical miles, 29,000 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

  

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV

  

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

  

Producing wells as of 12/31/72:  
 Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:  
 None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

  

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	4.9	0.8	1.9	0	0	0
Exports -----	0	0	0	0	0	0

## CZECHOSLOVAKIA

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1.4	---	1.4	.2	---	.2
Cumulative production (1919-72) -----	<sup>1</sup> 28.4	---	<sup>1</sup> 28.4	<sup>1</sup> 4.2	---	<sup>1</sup> 4.2
Proved recoverable reserves (12/31/72) -	12	---	12	2	---	2

<sup>1</sup> Estimated.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	42.4	---	42.4	1.2	---	1.2
Cumulative production (1919-72) -----	550	---	550	15	---	15
Proved recoverable reserves (12/31/72) -	500	---	500	15	---	15

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	---	IV	IV	---	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total Producing	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	---	---	---	NA
Development -	NA	NA	---	---	---	NA

Producing wells as of 12/31/72 :

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

Amount Percent -----	Local companies	U.S. companies	Companies of other countries	Government
	{ Not applicable.			

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	91.3	12.5	NA	0	Negl	Negl
Exports -----	0	0	NA	0	Negl	Negl

## DAHOMY

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 65 nautical miles.

Shelf area to 200-m depth: 500 square nautical miles.

Margin: Area to 3,000-m depth, 2,600 sq nautical miles. Area to 200 nautical miles, 7,900 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1	0	0	0	1	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Five concessions, two extend beyond 200-m depth. Leased to one consortium and three companies.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$1.5 million	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	0.3	0	0
Exports -----	0	0	0	0	0	0

## DENMARK

Category: Shelf locked.

Bordering water body: North Sea.

Coastal length: 686 nautical miles.

Shelf area to 200-m depth: 20,000 sq nautical miles.

Margin: Area to 3,000-m depth, 20,000 sq nautical miles. Area to 200 nautical miles, 20,000 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	<sup>1</sup> 0.6	<sup>1</sup> 0.6	0	Negl	Negl
Cumulative production (1967-72) -----	0	.6	.6	0	Negl	Negl
Proved recoverable reserves (12/31/72) -	0	250	250	0	34	34

<sup>1</sup>First production started in July, 1972.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (1967-72) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	500	500	0	14	14

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	--	0	0
Development -	0	0	2	--	2	2

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 5; Total, 5.

Offshore concessions licensed as of 12/31/72:

One concession licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	\$17.6 million	\$70.4 million	0	0
Percent -----	20	80	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	71.2	9.8	0	12	NA	NA
Exports -----	.2	Negl	0	2.4	NA	NA

## DOMINICAN REPUBLIC

Category: Open shelf.

Bordering water bodies: Caribbean Sea,  
Atlantic Ocean.

Coastal length: 325 nautical miles.

Shelf area to 200-m depth: 5,300 sq nautical miles.

Margin: Area to 3,000-m depth, 28,900 sq nautical miles. Area to 200 nautical miles, 78,400 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession, less than 200 m deep, licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	104.3	0	0	0
Exports -----	0	0	0	0	0	0

## ECUADOR

Category : Open shelf. Margin : Area to 3,000-m depth, 52,600 sq nautical miles. Area to 200 nautical miles, 338,000 sq nautical miles.  
 Bordering water body : Pacific Ocean.  
 Coastal length : 458 nautical miles.  
 Shelf area to 200-m depth : 13,700 sq nautical miles. Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	28.6	0	28.6	3.8	0	3.8
Cumulative production (1917-72) -----	134.6	0	134.6	17.6	0	17.6
Proved recoverable reserves (12/31/72) -	5,750	0	5,750	758	0	758

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	5.3	0	5.3	0.2	0	0.2
Cumulative production (1917-72) -----	208	0	208	6	0	6
Proved recoverable reserves (12/31/72) -	6,000	0	6,000	170	0	170

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	III	IV	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	19	6	1	0	20	7
Development --	30	30	0	0	30	30

Producing wells as of 12/31/72:

Onshore, 773; Offshore, 0; Total, 773.

Offshore concessions licensed as of 12/31/72:

Two concessions onshore and offshore; two concessions completely offshore. All concessions within 200-m depth. Two concessions licensed to consortium; two others leased to single company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$1.6 million	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	8.5	1.2	3	0	0	0
Exports -----	24.9	3.3	.5	0	0	0

## EGYPT

Category: Open shelf.

Bordering water bodies: Red Sea, Mediterranean Sea.

Coastal length: 1,307 nautical miles.

Shelf area to 200-m depth: 10,900 sq nautical miles.

Margin: Area to 3,000-m depth, 28,900 sq nautical miles. Area to 200 nautical miles, 50,600 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	>58.4	79	NA	>8.4	11.4
Cumulative production (1911-72) -----	NA	>530.4	1,015	NA	>76.4	146.4
Proved recoverable reserves (12/31/72) -	NA	NA	3,800	NA	NA	550.7

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	160.8	NA	NA	4.6
Cumulative production (1911-72) -----	NA	NA	459	NA	NA	131
Proved recoverable reserves (12/31/72) -	NA	NA	7,500	NA	NA	213

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	III	III	II	III	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	21	3	0	0	21	3
Development --	32	27	0	0	32	27

Producing wells as of 12/31/72:

Onshore, &lt;166; Offshore, &gt;54; Total, 220.

Offshore concessions licensed as of 12/31/72:

Mediterranean Sea: Two concessions leased to two companies. Red Sea:

One concession leased to one company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	9.5	1.4	0	0.8	0	0
Exports -----	36.2	5.2	0	.4	0	0

## EL SALVADOR

Category: Open shelf.

Bordering water body: Pacific Ocean.

Coastal length: 164 nautical miles.

Shelf area to 200-m depth: 5,200 sq nautical miles.

Margin: Area to 3,000-m depth, 12,300 sq nautical miles. Area to 200 nautical miles, 26,800 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	V	V	0	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	2.9	0.4	Negl	Negl	0	0
Exports -----	0	0	Negl	Negl	0	0

## EQUATORIAL GUINEA

Category : Open shelf.

Bordering water body : Atlantic Ocean.

Coastal length : 184 nautical miles.

Shelf area to 200-m depth : 3,600 sq nautical miles.

Margin : Area to 3,000-m depth, 14,800 sq nautical miles. Area to 200 nautical miles, 82,600 sq nautical miles.

Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	V	V	V

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Ten concessions, one licensed.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	NA	NA	NA	NA	NA	NA
Exports -----	NA	NA	NA	NA	NA	NA

## ETHIOPIA

Category: Open shelf.

Bordering water body: Red Sea.

Coastal length: 546 nautical miles.

Shelf area to 200-m depth: 13,900 sq nautical miles.

Margin: Area to 3,000-m depth, 22,100 sq nautical miles. Area to 200 nautical miles, 22,100 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	V	V	V	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	3	1	0	0	3	1
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	4.6	0.6	0.5	0	0	0
Exports -----	0	0	.6	0	0	0

## FIJI

Category : Archipelago.

Bordering water body : Pacific Ocean.

Coastal length : &gt;650 nautical miles.

Shelf area to 200-m depth : &gt;4,500 sq nautical miles.

Margin : Area to 3,000-m depth, &lt;80,000

sq nautical miles. Area to 200 nautical miles, 330,900 sq nautical miles.

Geology : Coastal onshore, crystalline/sedimentary. Offshore, sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	V	V	V

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Five concessions licensed, some beyond 200-m depth.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	NA	0
Percent -----	0	0	100	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	2.8	0	0	0
Exports -----	0	0	0	0	0	0

## FINLAND

Category: Shelf locked. Margin: Area to 3,000-m depth, 28,600 sq nautical miles. Area to 200 nautical miles, 28,600 sq nautical miles.  
 Bordering water body: Baltic Sea. Coastal length: 735 nautical miles. Geology: Coastal onshore, crystalline. Offshore, crystalline.  
 Shelf area to 200-m depth: 28,600 sq nautical miles.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
		0	V	V	0	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	---	0	0
Development -	0	0	0	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
	Amount -----	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	66.7	9.1	0.8	4.6	0	0
Exports -----	0	0	.9	Negl	0	0

## FRANCE

Category: Open shelf.  
 Bordering water bodies: Atlantic Ocean,  
 Mediterranean Sea.  
 Coastal length: 1,373 nautical miles.  
 Shelf area to 200-m depth: 43,100 sq nau-  
 tical miles.

Margin: Area to 3,000-m depth, 75,800 sq  
 nautical miles. Area to 200 nautical  
 miles, 99,500 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/  
 crystalline. Offshore, sedimentary/crys-  
 talline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	16.8	0	16.8	2.3	0	2.3
Cumulative production (1918-72) -----	315	0	315	43	0	43
Proved recoverable reserves (12/31/72) -	94.2	0	94.2	13	0	13

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	385.8	0	385.8	10.9	0	10.9
Cumulative production (1960-72) -----	3,708	0	3,708	105	0	105
Proved recoverable reserves (12/31/72) -	6,600	0	6,600	187	0	187

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	10	0	1	0	11	0
Development -	15	13	0	0	15	13

Producing wells as of 12/31/72:

Onshore, 340; Offshore, 0; Total, 340.

Offshore concessions licensed as of 12/31/72:

No concessions licensed at end of year. Four exploration licenses in effect.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	862.9	118.2	0	9	252.2	7.2
Exports -----	0	0	0	16.1	0	0

## GABON

Category: Open shelf.  
 Bordering water body: Atlantic Ocean.  
 Coastal length: 399 nautical miles.  
 Shelf area to 200-m: 13,400 sq nautical miles.

Margin: Area to 3,000-m depth, 40,900 sq nautical miles. Area to 200 nautical miles, 62,300 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	25.8	19.9	45.7	3.6	2.7	6.3
Cumulative production (1958-72) -----	216	67	283	29.6	9.7	39.3
Proved recoverable reserves (12/31/72) -	275.3	652	927.3	38	90	128

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	31.8	NA	NA	0.9
Cumulative production (1957-72) -----	NA	NA	168	NA	NA	5
Proved recoverable reserves (12/31/72) -	NA	NA	6,532	NA	NA	181

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1	0	16	0	6	17
Development --	NA	NA	NA	NA	NA	19

Producing wells as of 12/31/72:

Onshore, 140; Offshore, 31; Total, 171.

Offshore concessions licensed as of 12/31/72:

Ten concessions and 2 exploration permits licensed to 15 companies; some extend into waters deeper than 200 m.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	Negl	0	0	0
Exports -----	38.9	5.4	1.3	0	0	0

## GAMBIA

Category. Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 38 nautical miles.

Shelf area to 200-m depth: 1,700 sq nautical miles.

Margin: Area to 3,000-m depth, 3,300 sq nautical miles. Area to 200 nautical miles, 5,700 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One offshore concession, within 200-m depth, leased to U.S. company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	NA	0	0
Exports -----	0	0	0	0	0	0

## GERMAN DEMOCRATIC REPUBLIC

Category : Shelf locked.

Bordering water body : Baltic Sea.

Coastal length : 191 nautical miles.

Shelf area to 200-m depth : 2,800 sq nau-

tical miles.

Margin : Area to 3,000-m depth, 2,800 sq

nautical miles. Area to 200 nautical

miles, 2,800 sq nautical miles.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1.8	0	1.2	0.2	0	0.2
Cumulative production (through 1972) ----	NA	0	NA	NA	0	NA
Proved recoverable reserves (12/31/72) -	11	0	11	1.5	0	1.5

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	190	0	190	5.4	0	5.4
Cumulative production (through 1972) ----	NA	0	NA	NA	0	NA
Proved recoverable reserves (12/31/72) -	500	0	500	14.2	0	14.2

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	II	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	----	NA	NA
Development --	NA	NA	NA	----	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, 0; Total, NA.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	108.4	14.8	0	0	NA	NA
Exports -----	0	0	0	1.4	NA	NA

## GERMANY, FEDERAL REPUBLIC OF

Category : Shelf locked.  
 Bordering water bodies : North Sea, Baltic Sea.  
 Coastal length : 308 nautical miles.  
 Shelf area to 200-m depth : 11,900 sq nautical miles.

Margin : Area to 3,000-m depth, 11,900 sq nautical miles. Area to 200 nautical miles, 11,900 sq nautical miles.  
 Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	51.3	0	51.3	7.1	0	7.1
Cumulative production (1880-1972) -----	994	0	994	138	0	138
Proved recoverable reserves (12/31/72) -	545	0	545	76	0	76

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	624.8	0	624.8	17.7	0	17.7
Cumulative production (1960-72) -----	2,477	0	2,477	70	0	70
Proved recoverable reserves (12/31/72) -	12,400	0	12,400	351	0	351

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	26	7	0	0	26	7
Development --	22	19	0	0	22	19

Producing wells as of 12/31/72:

Onshore, 3,318; Offshore, 0; Total, 3,318.

Offshore concessions licensed as of 12/31/72:

Thirty-three concessions licensed; all within 200-m isobath.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	749	102.6	0	37.8	501.3	14.2
Exports -----	56	7.7	0	7.8	3.5	.1

## GHANA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 285 nautical miles.

Shelf area to 200-m depth: 6,100 sq nautical miles.

Margin: Area to 3,000-m depth, 20,100 sq nautical miles. Area to 200 nautical miles, 63,600 sq nautical miles.

Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	<sup>1</sup> 7.5	<sup>1</sup> 7.5	0	<sup>1</sup> 1	<sup>1</sup> 1

<sup>1</sup> SI.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	NA	NA	0	NA	NA

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	V	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	1	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Fourteen concessions; four outside 200-m isobath, one partly outside 200-m isobath. Licensed to nine companies or consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	\$3.5 million	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	376.5	51.6	5	Negl	0	0
Exports -----	.1	Negl	2	0	0	0

## GREECE

Category: Open shelf.  
 Bordering water body: Mediterranean Sea.  
 Coastal length: 1,645 nautical miles.  
 Shelf area to 200-m depth: 7,200 sq nautical miles.

Margin: Area to 3,000-m depth, 82,100 sq nautical miles. Area to 200 nautical miles, 147,300 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	2	0	1 <sup>1</sup>	2
Development --	0	0	0	0	0	0

<sup>1</sup> SI.

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Four concessions, onshore and offshore, leased to three groups.

Three concessions offshore, leased to three groups.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$3 million	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	51.1	7.0	0	2.3	0	0
Exports -----	0	0	0	.4	0	0

## GUATEMALA

Category: Open shelf.

Bordering water bodies: Pacific Ocean,  
Caribbean Sea.

Coastal length: 178 nautical miles.

Shelf area to 200-m depth: 3,600 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 8,200 sq  
nautical miles. Area to 200 nautical  
miles, 28,900 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

Oil							
	Millions of barrels			Millions of metric tons			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ----	0	0	0	0	0	0	
Cumulative production (through 1972) ----	0	0	0	0	0	0	
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0	
Natural gas							
	Billions of cubic feet			Billions of cubic meters			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	0	0	0	0	0	0	
Cumulative production (through 1972) ----	0	0	0	0	0	0	
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0	
Potential resources (ultimate recoverable resources):							
Category	Oil			Natural gas			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Category -----	IV	V	IV	IV	IV	IV	
Number of wells completed in 1972:							
	Onshore		Offshore		Total	Producing	
	Number	Producing	<200 m	>200 m			
Exploratory --	0	0	1	0	0	1	
Development --	0	0	0	0	0	0	
Producing wells as of 12/31/72:							
Onshore, 0; Offshore, 0; Total, 0.							
Offshore concessions licensed as of 12/31/72:							
Caribbean Sea: One concession, within 200-m isobath, leased by one company.							
Pacific Ocean: Four concessions, some extending beyond 200-m depth. Three concessions leased to one company and the other to a consortium.							
Offshore exploration expenditures in 1972:							
	Local companies		U.S. companies		Companies of other countries		Government
	Amount	Percent	Amount	Percent	Amount	Percent	
Amount -----	0		NA		NA		0
Percent -----	0		NA		NA		0
Imports and exports of oil, products, and natural gas in 1972:							
	Crude oil		Petroleum products		Natural gas		
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters	
Imports -----	0	0	7.1	0.2	0	0	
Exports -----	0	0	0	0	0	0	

## GUINEA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 190 nautical miles.

Shelf area to 200-m depth: 11,200 sq nautical miles.

Margin: Area to 3,000-m depth, 15,300 sq nautical miles. Area to 200 nautical miles, 20,700 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	NA	NA	NA	NA	0	0
Exports -----	0	0	NA	NA	0	0

## GUYANA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 232 nautical miles.

Shelf area to 200-m depth: 14,600 sq nautical miles.

Margin: Area to 3,000-m depth, 28,300 sq nautical miles. Area to 200 nautical miles, 38,000 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	IV	V	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Six concessions licensed by four companies. No concessions beyond 200-m isobath.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	\$1 million	0
Percent -----	0	0	100	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	3.8	0	0	0
Exports -----	0	0	0	0	0	0

## HAITI

Category: Open shelf.

Bordering water bodies: Caribbean Sea,  
Atlantic Ocean.

Coastal length: 584 nautical miles.

Shelf area to 200-m depth: 3,100 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 16,000 sq  
nautical miles. Area to 200 nautical  
miles, 46,800 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession granted to one company includes most of onshore area  
and offshore area within and beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0.9	0	0	0
Exports -----	0	0	0	0	0	0

## HONDURAS

Category: Open shelf.

Bordering water body: Caribbean Sea.

Coastal length: 374 nautical miles.

Shelf area to 200-m depth: 15,600 sq nautical miles.

Margin: Area to 3,000-m depth, 43,900 sq nautical miles. Area to 200 nautical miles, 58,600 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	3	0	3	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Twenty concessions leased by eight companies or consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	4.5	0.6	0.5	0	NA	NA
Exports -----	Negl	Negl	1.5	0	0	0

## HUNGARY

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	15.2	----	15.2	2	----	2
Cumulative production (1937-72) -----	28.3	----	283	37	----	37
Proved recoverable reserves (12/31/72) -	210	----	210	27.6	----	27.6

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	144	---	144	4	---	4
Cumulative production (1937-72) -----	975	---	975	28	---	28
Proved recoverable reserves (12/31/72) -	4,200	---	4,200	119	---	119

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory -- } Development - }	No information.					

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local	U.S.	Companies of	Government
	companies	companies	other countries	
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	40.2	5.5	NA	0	NA	NA
Exports -----	NA	NA	NA	0	NA	NA

## ICELAND

Category: Open shelf.  
 Bordering water body: Atlantic Ocean.  
 Coastal length: 1,080 nautical miles.  
 Shelf area to 200-m depth: 39,000 sq nautical miles.

Margin: Area to 3,000-m depth, 252,000 sq nautical miles. Area to 200 nautical miles, 252,800 sq nautical miles.  
 Geology: Coastal onshore, crystalline. Offshore, crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	0	0	0	0	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	4.1	NA	NA
Exports -----	0	0	0	0	0	0

## INDIA

Category: Open shelf.

Bordering water body: Indian Ocean.

Coastal length: 2,759 nautical miles.

Shelf area to 200-m depth: 131,800 sq nautical miles.

Margin: Area to 3,000-m depth, 339,700 sq

nautical miles. Area to 200 nautical miles, 587,600 sq nautical miles.

Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	57	0	57	7.7	0	7.7
Cumulative production (1889-1972) -----	433	0	433	59	0	59
Proved recoverable reserves (12/31/72) -	834	0	834	112	0	112

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	56.3	0	56.3	1.6	0	1.6
Cumulative production (1960-72) -----	393	0	393	12	0	12
Proved recoverable reserves (12/31/72) -	1,500	0	1,500	42	0	42

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	III	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	62	NA	0	0	62	NA
Development -	10	10	0	0	10	10

Producing wells as of 12/31/72:

Onshore, 1,190; Offshore, 0; Total, 1,190.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	\$3 million
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	90.2	12.4	24.2	0	0	0
Exports -----	0	0	1.1	0	0	0

## INDONESIA

Category: Archipelago.

Bordering water bodies: Pacific Ocean, Indian Ocean, South China Sea.

Coastal length: 19,784 nautical miles.

Shelf area to 200-m depth: 809,600 sq nautical miles.

Margin: Area to 3,000-m depth, 1,229,800 sq nautical miles. Area to 200 nautical miles, 1,577,300 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	374	21	395	51	3.2	54.1
Cumulative production (1893-1972) -----	5,043	24	5,067	686	3.2	690.1
Proved recoverable reserves (12/31/72) -	10,300	400	10,700	1,410	55	1,465

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	137.4	Negl	137.4	3.9	Negl	3.9
Cumulative production (1893-1972) -----	3,960	Negl	3,960	112	Negl	112
Proved recoverable reserves (12/31/72) -	NA	NA	5,500	NA	NA	156

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	III	III	III	II	III	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	1	NA	32
Development -	NA	NA	NA	NA	NA	365

Producing wells as of 12/31/72:

Onshore, 2,404; Offshore, 23; Total, 2,427.

Offshore concessions licensed as of 12/31/72:

Ninety-one companies or groups hold concessions. Some concessions deeper than 200-m, and one is as deep as 6,000 ft.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0.9	0.1	10.9	0	NA	NA
Exports -----	299	31.2	46.4	0	NA	NA

## IRAN

Category: Open shelf.

Bordering water bodies: Persian Gulf,  
Indian Ocean.

Coastal length: 990 nautical miles.

Shelf area to 200-m depth: 31,200 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 45,400 sq  
nautical miles. Area to 200 nautical  
miles, 45,400 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1,580	258	1,838	214.4	35	249.4
Cumulative production (1913-72) -----	NA	NA	15,809	NA	NA	2,145
Proved recoverable reserves (12/31/72) -	60,000	5,000	65,000	8,141	678	8,819

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	1,470	NA	NA	42.4
Cumulative production (1913-72) -----	NA	NA	12,335	NA	NA	350
Proved recoverable reserves (12/31/72) -	NA	NA	200,000	NA	NA	5,700

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	II	III	II	II	II	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	10	2	8	0	4	18
Development -	35	33	6	0	6	40

Producing wells as of 12/31/72:

Onshore, 224; Offshore, 89; Total, 313.

Offshore concessions licensed as of 12/31/72:

Seven joint venture agreements with government. No areas beyond 200-m  
depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	0	0	0
Exports -----	1,843	250	108.9	0	289.4	8.2

## IRAQ

Category, Shelf locked.  
 Bordering water body: Persian Gulf.  
 Coastal length: 10 nautical miles.  
 Shelf area to 200-m depth: 200 sq nautical miles.

Margin: Area to 3,000-m depth, 200 sq nautical miles. Area to 200 nautical miles, 200 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	529	0	529	71.2	0	17.2
Cumulative production (1927-72) -----	8,658	0	8,658	1,164	0	1,164
Proved recoverable reserves (12/31/72) -	33,000	0	33,000	4,400	0	4,400

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	3.4	0	3.4	Negl	0	Negl
Cumulative production (1927-72) -----	NA	0	NA	NA	0	NA
Proved recoverable reserves (12/31/72) -	20,000	0	20,000	566.6	0	566.6

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	III	IV	III	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total Producing
	Number	Producing	<200 m	>200 m	
Exploratory -- } Development - }	No information.				

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	Negl	0	NA	NA
Exports -----	523.6	70.5	497	0	NA	NA

## IRELAND

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 663 nautical miles.

Shelf area to 200-m depth: 36,700 sq nautical miles.

Margin: Area to 3,000-m depth, 84,100 sq nautical miles. Area to 200 nautical miles, 110,900 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	NA	NA	0	NA	NA

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	V	V	V	IV	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	3	0	<sup>1</sup> 1	3
Development -	0	0	0	0	0	0

<sup>1</sup> SI.

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

No concessions granted; 52 exploratory licenses granted.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	17.2	2.4	18.3	0	NA	NA
Exports -----	0	0	3.8	0	0	0

## ISRAEL

Category : Open shelf.  
 Bordering water body : Mediterranean Sea.  
 Coastal length : 124 nautical miles.  
 Shelf area to 200-m depth : 1,300 sq nautical miles.

Margin : Area to 3,000-m depth, 5,700 sq nautical miles. Area to 200 nautical miles, 6,800 sq nautical miles.  
 Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	<sup>1</sup> 43.9	0	<sup>1</sup> 43.9	6	0	6
Cumulative production (1958-71) -----	170	0	170	24	0	24
Proved recoverable reserves (12/31/72) -	9.0	0	9.0	1.2	0	1.2

<sup>1</sup> Includes estimated Sinai production.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	4.4	0	4.4	0.1	0	0.1
Cumulative production (1958-71) -----	45	0	45	1	0	1
Proved recoverable reserves (12/31/72) -	50	0	50	1.5	0	1.5

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	4	0	0	0	4	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 27; Offshore, 10; Total, 37.

Offshore concessions licensed as of 12/31/72:

Nine offshore exploration licenses in effect.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	No significant expenditures in 1972.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	40.5	5.5	3	0	NA	NA
Exports -----	38.4	5.2	5.9	0	NA	NA

## ITALY

Category : Open shelf.  
 Bordering water body : Mediterranean Sea.  
 Coastal length : 2,451 nautical miles.  
 Shelf area to 200-m depth : 42,000 sq nautical miles.

Margin : Area to 3,000-m depth, 160,000 sq nautical miles. Area to 200 nautical miles, 161,000 sq nautical miles.  
 Geology : Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	7.3	0.7	8	1.2	Negl	1.2
Cumulative production (1865-1970) -----	122	63	185	18	9	27
Proved recoverable reserves (12/31/72) -	NA	NA	320	NA	NA	32

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	261.2	240	501	7.4	6.8	14.2
Cumulative production (1865-1972) -----	5,281	377	5,713	150	8.8	159
Proved recoverable reserves (12/31/72) -	NA	NA	6,000	NA	NA	169.9

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	III	II

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	28	5	15	0	NA	43
Development --	30	23	4	0	NA	34

Producing wells as of 12/31/72 :

Onshore, NA ; Offshore, NA ; Total, NA.

Offshore concessions licensed as of 12/31/72 :

Ten exploration concessions ; none beyond 200-m depth.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	867.2	118.8	19.3	0	49.4	1.4
Exports -----	0	0	3.8	0	NA	NA

## IVORY COAST

Category : Open shelf.  
 Bordering water body : Atlantic Ocean.  
 Coastal length : 274 nautical miles.  
 Shelf area to 200-m depth : 3,000 sq nautical miles.

Margin : Area to 3,000-m depth, 15,700 sq nautical miles. Area to 200 nautical miles, 30,500 sq nautical miles.  
 Geology : Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	2	0	2	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

One exploration license covering the entire coastal area and the continental shelf granted in 1970 to a consortium of three companies. Offshore depth locally greater than 200 meters.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$6 million	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	7.8	0.1	0.3	0	0	0
Exports -----	0	0	2.4	0	0	0

## JAMAICA

Category: Open shelf.

Bordering water body: Caribbean Sea.

Coastal length: 280 nautical miles.

Shelf area to 200-m depth: 11,700 sq nautical miles.

Margin: Area to 3,000-m depth, 59,000 sq nautical miles. Area to 200 nautical miles, 86 800 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0
	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0
Potential resources (ultimate recoverable resources):						
	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV
Number of wells completed in 1972:						
	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1	0	0	0	1	0
Development --	0	0	0	0	0	0
Producing wells as of 12/31/72: Onshore, 0; Offshore, 0; Total, 0.						
Offshore concessions licensed as of 12/31/72: Six exploration licenses in effect.						
Offshore exploration expenditures in 1972:						
	Local companies	U.S. companies	Companies of other countries	Government		
Amount -----	0	NA	NA	0		
Percent -----	0	NA	NA	0		
Imports and exports of oil, products, and natural gas in 1972:						
	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	11.3	1.5	35.9	0.8	0	0
Exports -----	0	0	.9	Negl	0	0

## JAPAN

Category: Archipelago.  
 Bordering water bodies: Pacific Ocean,  
 Sea of Japan, East China Sea.  
 Coastal length: 4,842 nautical miles.  
 Shelf area to 200-m depth: 140,100 sq nau-  
 tical miles.

Margin: Area to 3,000-m depth, 440,900 sq  
 nautical miles. Area to 200 nautical  
 miles, 1,126,000 sq nautical miles.  
 Geology: Coastal onshore, sedimentary.  
 Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	4.8	0.4	5.2	0.6	0.1	0.7
Cumulative production (1874-1971) -----	158	9.4	167	22	1	23
Proved recoverable reserves (12/31/72) -	8	15	23	1	2	3

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	87.4	NA	NA	2.5
Cumulative production (1874-1971) -----	<935	NA	935	<27	NA	27
Proved recoverable reserves (12/31/72) -	<400	NA	400	<11	NA	11

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	III	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	5	0	5	0	10	1
Development -	NA	NA	NA	NA	NA	NA

Producing wells as of 12/31/72:

Onshore, 2,601; Offshore, 133; Total, 2,734.

Offshore concessions licensed as of 12/31/72:

Nineteen concessions, some beyond 200-m depth licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	(1)	(1)	(1)	(1)
Percent -----	NA	NA	NA	NA

<sup>1</sup> Total of \$28.2 million expended in Japanese fiscal year 1972 (April '72-March '73).

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	1,499	203.8	280.8	0	0	0
Exports -----	7,601	55.9	8.1	0	0	0

## JORDAN

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	---	IV	IV	---	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	4.4	0.6	Negl	Negl	0	0
Exports -----	0	0	0	0	0	0

## KENYA

Category: Open shelf.

Bordering water body: Indian Ocean.

Coastal length: 247 nautical miles.

Shelf area to 200-m depth: 4,200 sq nautical miles.

Margin: Area to 3,000-m depth, 21,600 sq nautical miles. Area to 200 nautical miles, 34,400 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0
	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0
Potential resources (ultimate recoverable resources):						
	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	III	V	III
Number of wells completed in 1972:						
	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0
Producing wells as of 12/31/72:						
Onshore, 0; Offshore, 0; Total, 0.						
Offshore concessions licensed as of 12/31/72:						
Two concessions licensed, one inside 200-m depth and other extends beyond 200-m depth.						
Offshore exploration expenditures in 1972:						
	Local companies	U.S. companies	Companies of other countries	Government		
	Amount -----	0	0	0	0	
Percent -----	0	0	0	0		
Imports and exports of oil, products, and natural gas in 1972:						
	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	18.2	2.5	11.9	0	0	0
Exports -----	0	0	Negl	Negl	0	0

**KHMER REPUBLIC**

Category: Shelf locked.  
 Bordering water body: South China Sea.  
 Coastal length: 210 nautical miles.  
 Shelf area to 200-m depth: 16,200 sq nautical miles.

Margin: Area to 3,000-m depth, 16,200 sq nautical miles. Area to 200 nautical miles, 16,200 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	1	0	1	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Two concessions, within 200-m depth, licensed by one company and one consortium.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	NA	0	0	0

## KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF

Category: Open shelf.

Bordering water body: Sea of Japan, East China Sea.

Coastal length: 578 nautical miles.

Shelf area to 200-m depth: 13,200 sq nautical miles.

Margin: Area to 3,000-m depth, 20,400 sq nautical miles. Area to 200 nautical miles, 37,800 sq nautical miles.

Geology: Coastal onshore, crystalline. Offshore, crystalline/sedimentary.

	Oil						
	Millions of barrels			Millions of metric tons			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	0	0	0	0	0	0	
Cumulative production (through 1972) ----	0	0	0	0	0	0	
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0	
	Natural gas						
	Billions of cubic feet			Billions of cubic meters			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	0	0	0	0	0	0	
Cumulative production (through 1972) ----	0	0	0	0	0	0	
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0	
Potential resources (ultimate recoverable resources):							
	Oil			Natural gas			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Category -----	0	IV	IV	0	IV	IV	
Number of wells completed in 1972:							
	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	NA	NA	NA	NA	NA	NA	
Development --	0	0	0	0	0	0	
Producing wells as of 12/31/72:							
Onshore, 0; Offshore, 0; Total, 0.							
Offshore concessions licensed as of 12/31/72:							
No information.							
Offshore exploration expenditures in 1972:							
	Local companies		U.S. companies	Companies of other countries		Government	
Amount -----	0	0	0	0	NA	NA	
Percent -----	0	0	0	0	NA	NA	
Imports and exports of oil, products, and natural gas in 1972:							
	Crude oil		Petroleum products		Natural gas		
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters	
Imports -----	NA	NA	NA	0	0	0	
Exports -----	0	0	0	0	0	0	

**KOREA, REPUBLIC OF**

Category : Open shelf.

Bordering water bodies: Sea of Japan,  
East China Sea.

Coastal length : 712 nautical miles.

Shelf area to 200-m depth: 71,300 sq nau-  
tical miles.Margin : Area to 3,000-m depth, 93,300 sq  
nautical miles. Area to 200 nautical  
miles, 101,600 sq nautical miles.Geology : Coastal onshore, crystalline. Off-  
shore, crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	III	III	0	III	III

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Seven concessions licensed; 2 extend beyond 200-m depth.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$4 million	\$3.4 million	\$0.6 million
Percent -----	0	50	42	8

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	92.6	12.7	1.4	0	NA	NA
Exports -----	4	.5	8	0	NA	NA

## KUWAIT

[Includes one-half of Kuwait-Saudi Arabia Neutral Zone]

Category: Shelf locked. Margin: Area to 3,000-m depth, 4,100 sq nautical miles. Area to 200 nautical miles, 4,100 sq nautical miles.  
 Bordering water body: Persian Gulf. Geology: Coastal onshore, sedimentary. Offshore, sedimentary.  
 Coastal length: 135 nautical miles.  
 Shelf area to 200-m depth: 4,100 sq nautical miles.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore <sup>1</sup>	Total
Production in 1972 ---	1,126.3	75	1,201.3	155.5	11	166.5
Cumulative production (1946-71) -----	<14,902	>505	15,407	<2,052	>70	2,122
Proved recoverable reserves (12/31/72) -	NA	NA	77,041	NA	NA	10,750

<sup>1</sup> Offshore production and reserves from Neutral Zone.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	608	37.2	645.2	17.2	1	18.2
Cumulative production (1946-71) -----	11,048	252	11,300	313	7	320
Proved recoverable reserves (12/31/72) -	NA	NA	42,000	NA	NA	1,190

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	II	III	II	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	---	0	0
Development -	0	0	0	---	0	0

<sup>1</sup> Two wells reported as drilled but locality NA.

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Three concessions licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	28.8	3.9	Negl	0	0	0
Exports -----	<sup>1</sup> 994.8	<sup>1</sup> 138.2	<sup>2</sup> 113.2	0	900	25.4

<sup>1</sup> Kuwait only; does not include any of 193.9 million bbls (28.4 metric tons) exported from Neutral Zone.<sup>2</sup> Kuwait only; does not include any of 19.3 million bbls exported from Neutral Zone.

## LAOS

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	---	IV	IV	---	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing <200 m	>200 m	Producing		
Exploratory --	NA	NA	---	---	NA	NA
Development --	NA	NA	---	---	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, ---; Total, NA.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	1,284	0	NA	NA
Exports -----	0	0	0	0	NA	NA

## LEBANON

Category: Open shelf.

Bordering water body: Mediterranean Sea.

Coastal length: 105 nautical miles.

Shelf area to 200-m depth: 1,300 sq nautical miles.

Margin: Area to 3,000-m depth, 4,600 sq nautical miles. Area to 200 nautical miles, 6,600 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Five exploration permits in effect, all include areas, beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	<sup>1</sup> 15.9	<sup>1</sup> 2.2	1.6	0	NA	NA
Exports -----	0	0	Negl	0	NA	NA

<sup>1</sup> Estimated.

## LESOTHO

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	VI	---	VI	VI	---	VI

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development --	0	0	---	---	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	NA	NA
Exports -----	0	0	0	0	NA	NA

## LIBERIA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 290 nautical miles.

Shelf area to 200-m depth: 5,700 sq nautical miles.

Margin: Area to 3,000-m depth, 19,600 sq nautical miles. Area to 200 nautical miles, 67,000 sq nautical miles.

Geology: Coastal onshore, crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	0	V	V	0	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Two concessions leased to a consortium of two companies.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	0	0
Percent -----	0	NA	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	3.3	0.5	0.3	0	0	0
Exports -----	0	0	Negl	0	0	0

## LIBYAN ARAB REPUBLIC

Category: Open shelf.  
 Bordering water body: Mediterranean Sea.  
 Coastal length: 910 nautical miles.  
 Shelf area to 200-m depth: 24,400 sq nautical miles.

Margin: Area to 3,000-m depth, 60,100 sq nautical miles. Area to 200 nautical miles, 98,600 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	819.6	0	819.6	107.8	0	107.8
Cumulative production (through 1972) -----	7,314.6	0	7,314.6	961	0	961
Proved recoverable reserves (12/31/72) -	30,400	NA	>30,400	4,000	NA	>4,000

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	496	0	496	123	0	123
Cumulative production (through 1972) -----	4,360	0	4,360	14	0	14
Proved recoverable reserves (12/31/72) -	27,500	NA	>27,500	779	NA	>779

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	II	II	II	II	II	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	34	1	0	0	34	1
Development --	43	NA	0	0	43	NA

Producing wells as of 12/31/72:

Onshore, 1,010; Offshore, 0; Total, 1,010.

Offshore concessions licensed as of 12/31/72:

Thirteen concessions leased by nine companies or consortia. Balance of offshore area available for participation agreements with government owned oil company. Some areas extend beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	5.4	0	0	0
Exports -----	810.3	111	.1	0	NA	NA

## LICHTENSTEIN

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	0	---	0	0	---	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development --	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

Amount ----- Percent -----	Local companies	U.S. companies	Companies of other countries	Government
	} Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	NA	0	NA	NA
Exports -----	0	0	0	0	0	0

## LUXEMBOURG

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	---	0	0	---	0

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	---	0
Development -	0	0	---	---	---	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

	Local	U.S.	Companies of	Government
	companies	companies	other countries	
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	1.6	.3	Negl
Exports -----	0	0	0	0	0	0

## MALAGASY REPUBLIC

Category : Open shelf. tical miles.  
 Bordering water body : Indian Ocean. Margin : Area to 3,000-m depth, 131,300 sq  
 Coastal length : 2,155 nautical miles. nautical miles. Area to 200 nautical  
 Shelf area to 200-m depth : 52,600 sq nau- miles, 376,800 sq nautical miles.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Fifteen concessions licensed to 15 companies or consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$430 thousand	\$990 thousand	0
Percent -----	0	30	70	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	4.6	0.6	0	0	0	0
Exports -----	0	0	0	.3	0	0

**MALAWI**

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	-----	0	---	0	0	---

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

Amount Percent	Local companies	U.S. companies	Companies of other countries	Government
	----- -----	} Not applicable.		

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	0	0	0	0

## MALAYSIA

Category : Open shelf.

Bordering water bodies : South China Sea,  
Indian Ocean.

Coastal length : 1,853 nautical miles.

Shelf area to 200-m depth : 108,900 sq nau-  
tical miles.Margin : Area to 3,000-m depth, 125,600 sq  
nautical miles. Area to 200 nautical  
miles, 138,700 sq nautical miles.Geology : Coastal onshore, sedimentary/  
crystalline. Offshore, sedimentary/crys-  
talline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	33.6	33.6	0	4.4	4.4
Cumulative production (through 1972) ----	4	69.2	73.2	.6	8.9	9.5
Proved recoverable reserves (12/31/72) -	NA	NA	1,500	NA	NA	205

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	NA	NA	10,000	NA	NA	284

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	III	III	III	III	III	III

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	0	NA	NA
Development -	NA	NA	NA	0	NA	NA

Producing wells as of 12/31/72 :

Onshore, 88; Offshore, 45; Total, 133.

Offshore concessions licensed as of 12/31/72 :

Licenses granted to 7 companies covering a total of 175,905 square  
miles (small part of that onshore). All offshore licenses within 200-m  
depth.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	43	5.6	10.4	0	0	0
Exports -----	30.9	4	18	0	0	0

## MALDIVES

Category : Archipelago.  
 Bordering water body : Indian Ocean.  
 Coastal length : Not available.  
 Shelf area to 200-m depth : 3,000 (?) sq  
 nautical miles.

Margin : Area to 3,000-m depth, >4,000 sq  
 nautical miles. Area to 200 nautical  
 miles, 279,700 sq nautical miles.  
 Geology : Onshore coastal, sedimentary.  
 Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	VI	VI	VI	VI	VI	VI

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession leased to a consortium.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	0	0	0	0

## MALI

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	NA	NA
Exports -----	0	0	NA	0	0	0

## MALTA

Category : Open shelf.  
 Bordering water body : Mediterranean Sea.  
 Coastal length : 50 nautical miles.  
 Shelf area to 200-m depth : 3,800 sq nautical miles.

Margin : Area to 3,000-m depth, 17,300 sq nautical miles. Area to 200 nautical miles, 19,300 sq nautical miles.  
 Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	VI	IV	IV	VI	IV	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	3	0	3	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Three concessions licensed to three companies or consortia.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	NA
Percent -----	0	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
		=	+	=	=	=
Imports -----	0	0	1.4	Negl	0	0
Exports -----	0	0	NA	0	0	0

## MAURITANIA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 360 nautical miles.

Shelf area to 200-m depth: 12,900 sq nautical miles.

Margin: Area to 3,000-m depth, 26,300 sq nautical miles. Area to 200 nautical miles, 45,000 sq nautical miles.

Geology. Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	2	0	2	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Four concessions, one mostly onshore, three licensed to two companies and one consortium.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	0	0	0	0

## MAURITIUS

Category : Open shelf.  
 Bordering water body : Indian Ocean.  
 Coastal length : 87 nautical miles.  
 Shelf area to 200-m depth : 26,700 sq nautical miles.

Margin : Area to 3,000-m depth, 149,200 sq nautical miles. Area to 200 nautical miles, 345,000 sq nautical miles.  
 Geology : Coastal onshore, crystalline. Offshore, crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	0	0	0	0	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession licensed to one company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	NA	0	0	0

## MEXICO

Category: Open shelf.  
 Bordering water bodies: Pacific Ocean,  
 Gulf of Mexico, Caribbean Sea.  
 Coastal length: 4,848 nautical miles.  
 Shelf area to 200-m depth: 128,900 sq nau-  
 tical miles.

Margin: Area to 3,000-m depth, 843,000 sq  
 nautical miles. Area to 200 nautical  
 miles, 831,500 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/  
 crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	159.2	25.8	185	22.4	3.6	26
Cumulative production (1901-72) -----	4,856	103.8	4,960	683.4	14.6	698
Proved recoverable reserves (12/31/72) -	NA	>1,934	5,388	NA	>272.4	758.8

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	6,602	NA	NA	18.7
Cumulative production (1901-72) -----	NA	NA	9,220	NA	NA	261
Proved recoverable reserves (12/31/72) -	NA	NA	11,500	NA	NA	326

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
		III	II	II	II	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	≤140	26	≥3	0	3	143
Development -	NA	NA	NA	0	NA	143

Producing wells as of 12/31/72:

Onshore, 3,640; Offshore, 50; Total, 3,690.

Offshore concessions licensed as of 12/31/72:

None. State ownership and control of petroleum industry. All govern-  
 ment exploration is within 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	11.2	1.5	15	0	NA	NA
Exports -----	0	0	7.7	0	NA	NA

## MONGOLIA

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary-crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	---	IV	III	---	III

Number of wells completed in 1972 :

	Onshore		Offshore		Total Producing
	Producing	<200 m	>200 m	Producing	
Exploratory -- } Development - }	No information.				

Producing wells as of 12/31/72 :

Onshore, 1,461; Offshore, ---; Total, 1,461.

Offshore concessions licensed as of 12/31/72 :

No information.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
	Amount ----- } Percent ----- }	No information.		

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	70.8	9.7	0	23.3	53	1.5
Exports -----	0	0	0	1.7	0	0

## MOROCCO

Category : Open shelf.  
 Bordering water bodies : Atlantic Ocean,  
 Mediterranean Sea.  
 Coastal length : 895 nautical miles.  
 Shelf area to 200-m depth : 18,100 sq nau-  
 tical miles.

Margin : Area to 3,000-m depth, 42,100 sq  
 nautical miles. Area to 200 nautical  
 miles, 81,000 sq nautical miles.  
 Geology : Coastal onshore, sedimentary.  
 Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0.2	0	0.2	Negl	0	Negl
Cumulative production (through 1972) ----	15	0	15	2	0	2
Proved recoverable reserves (12/31/72) -	1.2	0	1.2	.2	0	.2

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	2.2	0	2.2	Negl	0	Negl
Cumulative production (through 1972) ----	10.2	0	10.2	.3	0	.3
Proved recoverable reserves (12/31/72) -	17	0	17	.4	0	.4

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	5	0	2	0	7	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 37; Offshore, 0; Total, 37.

Offshore concessions licensed as of 12/31/72 :

Ten concessions; 1 wholly beyond 200-m depth, parts of other 9 locally  
 beyond 200-m depth. Concessions licensed to one company (four  
 leases) and two consortia.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	Negl	\$3.6 million	\$4 million
Percent -----	0	>1	90	9

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	13.1	1.7	0.3	0	0	0
Exports -----	0	0	0	0	0	0

## MOZAMBIQUE

Category: Open shelf.  
 Bordering water body: Indian Ocean.  
 Coastal length: 1,352 nautical miles.  
 Shelf area to 200-m depth: 30,400 sq nautical miles.

Margin: Area to 3,000-m depth, 77,900 sq nautical miles. Area to 200 nautical miles, 163,900 sq nautical miles.  
 Geology. Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	1	0	1	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession, within 200-m depth, leased to one company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$1.1 million <sup>1</sup>	\$2.2 million <sup>1</sup>	0
Percent -----	0	33	67	0

<sup>1</sup> Consortium drilled one well and relinquished lease before year's end.

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	5.7	0.8	1.2	0	0	0
Exports -----	0	0	2.9	0	0	0

## NAURU

Category: Archipelago.

Bordering water body: Pacific Ocean.

Coastal length: 10 nautical miles.

Shelf area to 200-m depth: 100(?) sq nautical miles.

Margin: Area to 3,000-m depth, 200 sq nautical miles. Area to 200 nautical miles, 125,700 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports ----- } Exports ----- }	No information.					

## NEPAL

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	---	V	V	---	V

Number of wells completed in 1972:

	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	0	0	---	---	---	0	0
Development -	0	0	---	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

Amount Percent	Local companies	U.S. companies	Companies of other countries	Government
	} Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	NA	NA
Exports -----	0	0	0	0	NA	NA

## NETHERLANDS

Category: Shelf locked.

Bordering water body: North Sea.

Coastal length: 198 nautical miles.

Shelf area to 200-m depth: 24,700 sq nautical miles.

Margin: Area to 3,000-m depth, 24,700 sq nautical miles. Area to 200 nautical miles, 24,700 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	10.9	0	10.9	1.6	0	1.6
Cumulative production (1933-72) -----	271	0	271	39	0	39
Proved recoverable reserves (12/31/72) -	269	0	269	39	0	39

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	2,043	Negl	2,043	57.9	Negl	57.9
Cumulative production (1955-72) -----	6,889	Negl	6,889	195	Negl	195
Proved recoverable reserves (12/31/72) -	88,000	NA	88,000	2,493	NA	2,493

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	III	II	III	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	12	3	11	0	5	8
Development -	61	60	7	0	5	65

Producing wells as of 12/31/72:

Onshore, NA; Offshore, 0; Total, NA.

Offshore concessions licensed as of 12/31/72:

Eleven areas assigned to companies or groups, for drilling or as concessions. All within 200-m depth; only 2 areas do not include onshore areas.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	668.7	91.6	63.4	0	0	0
Exports -----	86.4	11.8	275.4	0	NA	NA

## NEW ZEALAND

Category: Open shelf.  
 Bordering water body: Pacific Ocean.  
 Coastal length: 2,770 nautical miles.  
 Shelf area to 200-m depth: 70,800 sq nautical miles.

Margin: Area to 3,000-m depth, 571,100 sq nautical miles. Area to 200 nautical miles, 1,409,500 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil <sup>1</sup>					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1.1	0	1.1	0.1	0	0.1
Cumulative production (1933-72) -----	5.5	0	5.5	.3	0	.3
Proved recoverable reserves (12/31/72) -	NA	NA	250	NA	NA	31.3

<sup>1</sup> Condensate.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	14.6	0	14.6	0.4	0	0.4
Cumulative production (1955-72) -----	>29	<sup>1</sup> 0	>29	>.8	<sup>1</sup> 0	.8
Proved recoverable reserves (12/31/72) -	NA	NA	>6,000	NA	NA	>6,000

<sup>1</sup> SI.

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	IV	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	11	0	0	0	11	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 4; Offshore, 0; Total, 4.

Offshore concessions licensed as of 12/31/72:

Part of 211 concessions leased in territorial seas. Twenty-nine concession leased on continental shelf; 7 extend into waters deeper than 200-m, and locally as deep as 1,000-m.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	25.9	3.2	2.5	0	0	0
Exports -----	0	0	2.6	0	NA	NA

## NICARAGUA

Category: Open shelf.

Bordering water bodies: Caribbean Sea,  
Pacific Ocean.

Coastal length: 445 nautical miles.

Shelf area to 200-m depth: 21,200 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 37,400 sq  
nautical miles. Area to 200 nautical  
miles, 46,600 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Caribbean Sea: Eleven concessions leased by four companies. Parts of two  
concessions extend beyond 200-m depth.Pacific Ocean: Ten concessions leased by one company. Parts of four con-  
cessions extend beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	3.6	0.5	5.4	0	0	0
Exports -----	0	0	0	.7	0	0

## NIGER

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development --	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	0	0	0	0

## NIGERIA

Category : Open shelf.

Bordering water body : Atlantic Ocean.

Coastal length : 415 nautical miles.

Shelf area to 200-m depth : 13,500 sq nautical miles.

Margin : Area to 3,000-m depth, 37,700 sq nautical miles. Area to 200 nautical miles, 61,500 sq nautical miles.

Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	482.5	182.7	665.3	65.1	24.7	89.8
Cumulative production (through 1972) ----	1,798	563.8	2,362	243	76	318.8
Proved recoverable reserves (12/31/72) -	9,200	3,400	12,600	1,243	459	1,702

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	438.7	165.9	604.6	12.4	4.7	17.1
Cumulative production (through 1972) ----	<sup>1</sup> 1,338	<sup>1</sup> 566	1,907	<sup>1</sup> 38	<sup>1</sup> 16	54
Proved recoverable reserves (12/31/72) -	<sup>1</sup> 30,000	<sup>1</sup> 10,000	40,000	<sup>1</sup> 840	<sup>1</sup> 280	1,120

<sup>1</sup> Estimated.

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	III	III	III	III	III

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	40	19	21	0	7	61
Development -	167	NA	30	0	NA	170

Producing wells as of 12/31/72 :

Onshore, 425; Offshore, 185; Total, 610.

Offshore concessions licensed as of 12/31/72 :

Total of 32 concessions; none beyond 200-m depth.

Eleven partly onshore. Six licensed by four companies and five licensed by one consortium.

Twenty-one completely offshore. Fourteen licensed by seven different companies and seven licensed by two consortia.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0.8	0	0	0
Exports -----	648.3	87.5	0.9	0	0	0

## NORWAY

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 1,650 nautical miles.

Shelf area to 200-m depth; 30,000 sq nautical miles.

Margin: Area to 3,000-m depth, 463,700 sq nautical miles. Area to 200 nautical miles, 590,500 sq nautical miles.

Geology: Coastal onshore, crystalline. Offshore, crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	12.1	12.1	0	1.6	1.6
Cumulative production (1971-72) -----	0	14	14	0	1.9	1.9
Proved recoverable reserves (12/31/72) -	0	7,000	7,000	0	960	960

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	18,659	18,659	0	528.6	528.6
Cumulative production (In 1972) -----	0	18,659	18,659	0	528.6	528.6
Proved recoverable reserves (12/31/72) -	0	50,000	50,000	0	1,420	1,420

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	III	III	0	III	III

Number of wells completed in 1972:

	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	0	0	14	0	6	14	6
Development -	0	0	2	0	2	2	2

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 4; Total, 4.

Offshore concessions licensed as of 12/31/72:

Thirty-five concessions licensed; none beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	NA
Percent -----	NA	NA	NA	NA

<sup>1</sup> Estimated \$38.7 million total; no breakdown available.

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	48.5	6.5	0	4.3	0	0
Exports -----	11.9	1.6	0	2.2	0	0

## OMAN

Category: Open shelf.  
 Bordering water body: Indian Ocean.  
 Coastal length: 1,005 nautical miles.  
 Shelf area to 200-m depth: 17,800 sq nautical miles.

Margin: Area to 3,000- depth, 44,500 sq nautical miles. Area to 200 nautical miles, 163,800 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	102.8	0	102.8	14.1	0	14.1
Cumulative production (1967-72) -----	560	0	560	76	0	76
Proved recoverable reserves (12/31/72) -	NA	NA	5,000	NA	NA	684.9

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	54.7	0	54.7	1.5	0	1.5
Cumulative production (1967-72) -----	397.5	0	397.5	12.7	0	12.7
Proved recoverable reserves (12/31/72) -	NA	NA	1,895	NA	NA	53.7

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	III	IV	III	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	9	5	0	0	9	5
Development -	35	35	0	0	35	35

Producing wells as of 12/31/72:

Onshore, 109; Offshore, 0; Total, 109.

Offshore concessions licensed as of 12/31/72:

One concession extending beyond 200-m isobath, leased to one consortium.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	0	NA	0
Percent -----	NA	0	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	<sup>1</sup> 3	0	0	0
Exports -----	102.3	14	0	0	0	0

<sup>1</sup> Estimated.

## PAKISTAN

Category : Open shelf.  
 Bordering water body : Indian Ocean.  
 Coastal length : 440 nautical miles.  
 Shelf area to 200-m depth : 17,000 sq nautical miles.

Margin : Area to 3,000-m depth, 61,400 sq nautical miles. Area to 200 nautical miles, 92,900 sq nautical miles.  
 Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	3.4	0	3.4	0.5	0	0.5
Cumulative production (1947-72) -----	76	0	76	11	0	11
Proved recoverable reserves (12/31/72) -	35	0	35	5	0	5

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	124.5	0	124.5	3.5	0	3.5
Cumulative production (1955-72) -----	1,246	0	1,246	36	0	36
Proved recoverable reserves (12/31/72) -	19,500	0	19,500	550	0	550

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	IV	III	III	IV	III

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	5	2	1	0	6	2
Development -	NA	NA	NA	NA	NA	NA

Producing wells as of 12/31/72 :

Onshore, 23; Offshore, 0; Total, 23.

Offshore concessions licensed as of 12/31/72 :

One concession licensed to consortium of two companies.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	\$2 million	\$2 million	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	25.6	3.5	4.7	0	0	0
Exports -----	0	0	4.2	0	0	0

## PANAMA

Category: Open shelf.  
 Bordering water bodies: Pacific Ocean,  
 Caribbean Sea.  
 Coastal length: 979 nautical miles.  
 Shelf area to 200-m depth: 16,700 sq nau-  
 tical miles.

Margin: Area to 3,000-m depth, 40,300 sq.  
 nautical miles. Area to 200 nautical  
 miles, 89,400 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/  
 crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ----	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	IV	IV	V	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Caribbean Sea: No concessions licensed.

Pacific Ocean: Eight areas, part of two beyond 200-m depth, leased to  
 three companies or groups.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	28.3	3.9	0.3	0	0	0
Exports -----	0	0	4	0	0	0

## PARAGUAY

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	----	0	0	----	0
Cumulative production (through 1972) ----	0	----	0	0	----	0
Proved recoverable reserves (12/31/72) -	0	----	0	0	----	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	---	IV	IV	---	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	5	0	--	--	5	0
Development --	0	0	--	--	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	1	0.1	0	Negl	0	0
Exports -----	0	0	0	0	0	0

## PERU

Category: Open shelf.

Bordering water body: Pacific Ocean.

Coastal length: 1,258 nautical miles.

Shelf area to 200-m depth: 24,100 sq nautical miles.

Margin: Area to 3,000-m depth, 48,900 sq nautical miles. Area to 200 nautical miles, 229,400 sq nautical miles.

Geology: Coastal onshore, crystalline/sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	13.5	10.1	23.6	1.8	1.3	3.1
Cumulative production (through 1972) ----	808.5	59.1	867.6	107.8	7.3	115.1
Proved recoverable reserves (12/31/72) -	NA	NA	500	NA	NA	66.6

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	41.2	23.2	64.4	1.2	0.7	1.9
Cumulative production (through 1972) ----	1,585.	116.	1,701.	44.2	3.7	47.9
Proved recoverable reserves (12/31/72) -	NA	NA	500	NA	NA	67

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	IV	III	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	22	12	3	0	2	14
Development -	67	55	25	0	22	77

Producing wells as of 12/31/72:

Onshore, 2,139; Offshore, 237; Total, 2,376.

Offshore concessions licensed as of 12/31/72:

One concession licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$185 million	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	11.9	1.6	2.5	0	0	0
Exports -----	1	.1	.9	0	0	0

## PHILIPPINES

Category: Archipelago.

Bordering water bodies: Pacific Ocean,  
South China Sea.

Coastal length: 6,997 nautical miles.

Shelf area to 200-m depth: 52,000 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 65,000  
(est) sq nautical miles. Area to 200 nau-  
tical miles, 551,400 sq nautical miles.Geology: Coastal onshore, crystalline/sedi-  
mentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	III	IV	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	9	0	0	0	9	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

More than 1,000 concessions licensed by 50 companies or consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	67.6	9.2	1.2	0	NA	NA
Exports -----	0	0	3.5	0	NA	NA

## POLAND

Category: Shelf locked.

Bordering water body: Baltic Sea.

Coastal length: 241 nautical miles.

Shelf area to 200-m depth: 8,300 sq nautical miles.

Margin: Area to 3,000-m depth, 8,300 sq nautical miles. Area to 200 nautical miles, 8,300 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	2,6	0	2.6	.3	0	.3
Cumulative production (1874-1972) -----	324.6	0	324.6	43	0	43
Proved recoverable reserves (12/31/72) -	60	0	60	8	0	8

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	200	0	200	5.7	0	5.7
Cumulative production (1874-1972) -----	<sup>1</sup> 1,773	0	<sup>1</sup> 1,773	<sup>1</sup> 51	0	<sup>1</sup> 51
Proved recoverable reserves (12/31/72) -	5,000	0	5,000	140	0	140

<sup>1</sup> Estimated.

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	V	IV	IV	V	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	---	---	---	NA
Development -	NA	NA	---	---	---	NA

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

Amount Percent -----	Local companies	U.S. companies	Companies of other countries	Government
	} Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	0	0	0	0

## PORTUGAL

Category: Open shelf.  
 Bordering water body: Atlantic Ocean.  
 Coastal length: 743 nautical miles.  
 Shelf area to 200-m depth: 11,400 sq nautical miles.

Margin: Area to 3,000-m depth, 44,800 sq nautical miles. Area to 200 nautical miles, 517,400 sq nautical miles.  
 Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	Category -----	VI	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	32.2	4.3	7.6	0	0	0
Exports -----	0	0	3.7	0	0	0

## PORTUGUESE GUINEA

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 215 nautical miles.

Shelf area to 200-m depth: 13,500 sq nautical miles.

Margin: Area to 3,000-m depth, 30,800 sq nautical miles. Area to 200 nautical miles, 43,900 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession within 200 meters.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	0	0
Percent -----	0	100	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	NA	0	0
Exports -----	0	0	0	0	0	0

## QATAR

Category : Shelf locked.  
 Bordering water body : Persian Gulf.  
 Coastal length : 204 nautical miles.  
 Shelf area to 200-m depth : 7,000 sq nautical miles.

Margin : Area to 3,000-m depth, 7,000 sq nautical miles. Area to 200 nautical miles, 7,000 sq nautical miles.  
 Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	88.8	87.7	176.5	11.5	11.4	22.9
Cumulative production (1949-72) -----	782	288	1,070	172	57	229
Proved recoverable reserves (12/31/72) -	NA	NA	1,700	NA	NA	909

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	44.3	44.4	88.7	1.2	1.3	2.5
Cumulative production (1949-72) -----	737	244	982	21	6	28
Proved recoverable reserves (12/31/72) -	NA	NA	8,000	NA	NA	266.6

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	III	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	5	---	2	2
Development -	4	NA	0	---	0	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Two concessions licensed in water depth less than 200-m.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	0	NA	0
Percent -----	NA	0	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0.8	0	NA	NA
Exports -----	175.8	22.8	0	0	0	0

## ROMANIA

Category : Open shelf.

Bordering water body : Black Sea.

Coastal length : 113 nautical miles.

Shelf area to 200-m depth : 7,100 sq nautical miles.

Margin : Area to 3,000-m depth, 9,300 sq nautical miles. Area to 200 nautical miles, 9,300 sq nautical miles.

Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	105	0	105	14.2	0	14.2
Cumulative production (1857-1972) -----	3,037	0	3,037	407	0	407
Proved recoverable reserves (12/31/72) -	NA	NA	1,480	NA	NA	41.9

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1,169	0	1,169	33.1	0	33.1
Cumulative production (1857-1972) -----	8,553	0	8,553	240	0	240
Proved recoverable reserves (12/31/72) -	NA	NA	10,000	NA	NA	283.3

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	III	IV	III

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	NA	NA	NA
Development -	NA	NA	NA	NA	NA	NA

Producing wells as of 12/31/72 :

Onshore, NA ; Offshore, NA ; Total, NA.

Offshore concessions licensed as of 12/31/72 :

No information.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	21.9	2.9	NA	0	NA	NA
Exports -----	0	0	NA	0	NA	NA

## RWANDA

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	---	0	0	---	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	---	0	0
Development -	0	0	0	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	Negl	0	0
Exports -----	0	0	0	0	0	0

## SAN MARINO

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.

Shelf area to 200-m depth: None.  
 Margin: None.  
 Geology: Sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	---	0	0	---	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development --	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	NA	0	NA	NA
Exports -----	0	0	0	0	0	0

## SAUDI ARABIA

[Includes one-half Kuwait-Saudi Arabia Neutral Zone]

Category: Open shelf. Margin: Area to 3,000-m depth, 54,600 sq nautical miles. Area to 200 nautical miles, 54,900 sq nautical miles.  
 Bordering water bodies: Red Sea, Persian Gulf. Geology: Coastal onshore, sedimentary. Offshore, sedimentary.  
 Coastal length: 1,336 nautical miles.  
 Shelf area to 200-m depth: 22,700 sq nautical miles.

## Oil

	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1,595	757	2,352	216	103	319
Cumulative production (1936-72) -----	13,292	3,985	17,277	1,810	543	2,353
Proved recoverable reserves (12/31/72) -	83,905	57,338	141,248	11,500	7,879	19,373

## Natural gas

	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	416	727	1,143	11.7	20.6	32.3
Cumulative production (1936-72) -----	9,189	3,148	12,337	260	90	349
Proved recoverable reserves (12/31/72) -	NA	NA	54,400	NA	NA	1,541

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
-----	II	II	II	II	II	II

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	---	NA	NA
Development -	NA	NA	NA	---	NA	NA

Producing wells as of 12/31/72:

Onshore, 395; Offshore, 203; Total, 598.

Offshore concessions licensed as of 12/31/72:

Persian Gulf: Three concessions leased to two consortia.

Red Sea: Four concessions leased to two companies.

No concession beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	0	Negl	0	0
Exports -----	<sup>1</sup> 1,904.6	<sup>1</sup> 260.9	<sup>2</sup> 125.9	0	NA	NA

<sup>1</sup> Saudi Arabia only; does not include any of 193.9 million bbls (28.4 metric tons) exported from Neutral Zone.<sup>2</sup> Saudi Arabia only; does not include any of 19.3 million bbls exported from Neutral Zone.

## SENEGAL

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 241 nautical miles.

Shelf area to 200-m depth: 9,200 sq nautical miles.

Margin: Area to 3,000-m depth, 23,700 sq nautical miles. Area to 200 nautical miles, 60,000 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	1	0	1	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Three concessions, two completely offshore, leased to one company and one group.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	4.4	0.6	0	Negl	Negl	Negl
Exports -----	0	0	0	.2	0	0

## SIERRA LEONE

Category : Open shelf.

Bordering water body : Atlantic Ocean.

Coastal length : 219 nautical miles.

Shelf area to 200-m depth : 7,700 sq nautical miles.

Margin : Area to 3,000-m depth, 14,700 sq nautical miles. Area to 200 nautical miles, 45,400 sq nautical miles.

Geology : Coastal onshore, crystalline/sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Three concessions; one extends beyond 200-m depth. Leased to three companies or groups.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	2.1	0.3	0.2	0	NA	NA
Exports -----	0	0	0	0	NA	NA

## SINGAPORE

Category: Shelf locked.  
 Bordering water body: South China Sea.  
 Coastal length: 28 nautical miles.  
 Shelf area to 200-m depth: 100 sq nautical miles.

Margin: Area to 3,000-m depth, 100 sq nautical miles. Area to 200 nautical miles, 100 sq nautical miles.  
 Geology: Coastal onshore, crystalline. Offshore, crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	0	V	V	0	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	---	0	0
Development -	0	0	0	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	144.7	19.8	50.2	0	0	0
Exports -----	.4	Negl	122.1	0	0	0

## SOMALIA

Category: Open shelf.  
 Bordering water body: Indian Ocean.  
 Coastal length: 1,596 nautical miles.  
 Shelf area to 200-m depth: 17,700 sq nautical miles.

Margin: Area to 3,000-m depth, 106,200 sq nautical miles. Area to 200 nautical miles, 228,300 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1	0	0	0	1	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

One concession leased.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	NA	0
Percent -----	0	0	100	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	0.5	0	NA	NA
Exports -----	0	0	0	0	0	0

## SOUTH AFRICA

Category: Open shelf.

Bordering water bodies: Indian Ocean,  
Atlantic Ocean.

Coastal length: 1,462 nautical miles.

Shelf area to 200-m depth: 41,800 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 183,700 sq  
nautical miles. Area to 200 nautical  
miles, 296,500 sq nautical miles.Geology: Coastal onshore, sedimentary/  
crystalline. Offshore, crystalline/sedi-  
mentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	NA	NA	NA	NA	NA	NA

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	NA	NA	NA	NA	NA	NA

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	VI	V	V	III	IV	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	9	0	1	0	0	10
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

State oil company holds prospecting rights for all offshore areas. Ten  
areas leased to seven companies or groups. Some blocks beyond 200-m  
isobath are subleased.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	90.8	12.4	30.4	0	NA	NA
Exports -----	0	0	24.6	0	NA	NA

## SOUTHWEST AFRICA (NAMIBA)

Category : Open shelf. nautical miles. Area to 200 nautical miles, 145,900 sq nautical miles.  
 Bordering water body : Atlantic Ocean. Geology : Coastal onshore, crystalline/sedimentary. Offshore, sedimentary/crystalline.  
 Coastal length : 748 nautical miles.  
 Shelf area to 200-m depth : 19,000 sq nautical miles.  
 Margin : Area to 3,000-m depth, 72,700 sq

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Thirteen concessions licensed to three companies and two consortia. One concession both less than and greater than 200-m deep. Six concessions greater than 200-m deep and as deep as 3,000-m.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	NA	NA
Exports -----	0	0	0	0	0	0

## SPAIN

Category: Open shelf.

Bordering water bodies: Atlantic Ocean,  
Mediterranean Sea.

Coastal length: 2,038 nautical miles.

Shelf area to 200-m depth: 49,700 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 158,200 sq  
nautical miles. Area to 200 nautical  
miles, 355,600 sq nautical miles.Geology: Coastal onshore, sedimentary/  
crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore <sup>1</sup>	Offshore	Total	Onshore	Offshore <sup>1</sup>	Total
Production in 1972 ---	1	0	1	0.1	0	0.1
Cumulative production (1966-72) -----	7	0	7	1	0	1
Proved recoverable reserves (12/31/72) -	300	NA	>300	41.7	NA	>41.7

<sup>1</sup> SI.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore <sup>1</sup>	Total	Onshore	Offshore <sup>1</sup>	Total
Production in 1972 ---	0.1	0	0.1	Negl	0	Negl
Cumulative production (1969-72) -----	.4	0	.4	Negl	0	Negl
Proved recoverable reserves (12/31/72) -	NA	NA	500	NA	NA	15

<sup>1</sup> SI.

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	V	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	4	0	3	0	7	0
Development -	3	3	3	0	6	6

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Eight concessions within 200-m isobath.

Six completely offshore leased by two companies and four consortia.

Two offshore and onshore licensed by two companies.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	271.6	37.2	17.4	0	52.2	1.5
Exports -----	0	0	37.2	0	0	0

## SRI LANKA

Category: Open shelf.

Bordering water body: Indian Ocean.

Coastal length: 650 nautical miles.

Shelf area to 200-m depth: 7,800 sq nautical miles.

Margin: Area to 3,000-m depth, 26,900 sq nautical miles. Area to 200 nautical miles, 150,900 sq nautical miles.

Geology. Coastal onshore, crystalline/sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	V	V	0	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	13.5	1.9	0.4	0	NA	NA
Exports -----	0	0	1.7	0	NA	NA

## SUDAN

Category: Open shelf.  
 Bordering water body: Red Sea.  
 Coastal length: 386 nautical miles.  
 Shelf area to 200- depth: 6,500 sq nautical miles.

Margin: Area to 3,000-m depth, 26,500 sq nautical miles. Area to 200 nautical miles, 26,700 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	7.9	1	0	5.6	0	0
Exports -----	0	0	0	1.3	0	0

## SWAZILAND

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	VI	---	VI	VI	---	VI

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	---	0
Development -	0	0	---	---	---	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72 :

Not applicable.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	NA	0	0	0
Exports -----	0	0	NA	0	0	0

## SWEDEN

Category : Shelf locked.  
 Bordering water body : Baltic Sea.  
 Coastal length : 1,359 nautical miles.  
 Shelf area to 200-m depth : 45,300 sq nautical miles.

Margin : Area to 3,000-m depth, 45,300 sq nautical miles. Area to 200 nautical miles, 45,300 sq nautical miles.  
 Geology : Coastal onshore, crystalline. Offshore, crystalline.

	Oil						
	Millions of barrels			Millions of metric tons			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	0	0	0	0	0	0	
Cumulative production (through 1972) ----	0	0	0	0	0	0	
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0	
	Natural gas						
	Billions of cubic feet			Billions of cubic meters			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Production in 1972 ---	0	0	0	0	0	0	
Cumulative production (through 1972) ----	0	0	0	0	0	0	
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0	
Potential resources (ultimate recoverable resources) :							
	Oil			Natural gas			
	Onshore	Offshore	Total	Onshore	Offshore	Total	
Category -----	VI	V	V	VI	V	V	
Number of wells completed in 1972 :							
	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	20	0	0	0	0	20	0
Development -	0	0	0	0	0	0	0
Producing wells as of 12/31/72 :							
Onshore, 0; Offshore, 0; Total, 0.							
Offshore concessions licensed as of 12/31/72 :							
Exclusive concession granted in 1967 for 8 years to joint venture (50 percent Swedish government and 50 percent private Swedish companies).							
Offshore exploration expenditures in 1972 :							
	Local companies		U.S. companies	Companies of other countries		Government	
Amount -----	\$242 thousand		0	0	\$242 thousand		
Percent -----	50		0	0	50		
Imports and exports of oil, products, and natural gas in 1972 :							
	Crude oil		Petroleum products		Natural gas		
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters	
Imports -----	81.8	11.2	0	18.9	0	0	
Exports -----	0	0	0	1.8	0	0	

## SWITZERLAND

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

  

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	---	V	V	---	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	1	0	---	---	1	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	39.1	5.4	0	8.3	10.6	0.3
Exports -----	0	0	0	0	Negl	Negl

## SYRIAN ARAB REPUBLIC

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	43.5	---	43.5	6.3	---	6.3
Cumulative production (through ???) -----	NA	---	NA	NA	---	NA
Proved recoverable reserves (12/31/72) -	7,250	---	7,250	1,044	---	1,044

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	---	NA	NA	---	NA
Cumulative production (through ???) -----	NA	---	NA	NA	---	NA
Proved recoverable reserves (12/31/72) -	700	---	700	19.8	---	19.8

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	---	IV	IV	---	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		

Exploratory -- }  
 Development -- } No information.

Producing wells as of 12/31/72:

Onshore, 120; Offshore, ---; Total, 120.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local	U.S.	Companies of	Government
	companies	companies	other countries	
Amount ----- } Percent ----- }	No applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
	Imports -----	45.2	6.5	0.8	0	NA
Exports -----	29.1	4.2	.1	0	NA	NA

## TANZANIA

Category: Open shelf.  
 Bordering water body: Indian Ocean.  
 Coastal length: 669 nautical miles.  
 Shelf area to 200-m depth: 12,000 sq nautical miles.

Margin: Area to 3,000-m depth, 41,600 sq nautical miles. Area to 200 nautical miles, 65,100 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	6	0.9	5.1	0	0	0
Exports -----	0	0	5.5	0	0	0

## THAILAND

Category: Open shelf.

Bordering water bodies: South China Sea,  
Indian Ocean.

Coastal length: 1,299 nautical miles.

Shelf area to 200-m depth: 75,100 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 94,700 sq  
nautical miles. Area to 200 nautical  
miles, 94,700 sq nautical miles.Geology: Coastal onshore, crystalline/sedi-  
mentary. Offshore, sedimentary/crystal-  
line.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	Negl	0	Negl	Negl	0	Negl
Cumulative production (1960-72) -----	0.6	0	0.6	0.1	0	0.1
Proved recoverable reserves (12/31/72) -	.5	0	.5	.1	0	.1

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (1971-72) -----	Negl	0	Negl	Negl	0	Negl
Proved recoverable reserves (12/31/72) -	Negl	0	Negl	Negl	0	Negl

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	2	0	3	0	0	5	0
Development -	0	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 25; Offshore, 0; Total, 25.

Offshore concessions licensed as of 12/31/72:

Total of 23 concessions; none beyond 200-m depth.

Gulf of Siam: Nineteen concessions held by five groups and two com-  
panies.

Andaman Sea: Four concessions held by three companies.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	\$11.8 million	\$2.3 million	0
Percent -----	0	83	17	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	<sup>1</sup> 49.6	<sup>1</sup> 6.8	5.5	0	0	0
Exports -----	0	0	3.2	0	0	0

<sup>1</sup> Estimated.

## TOGO

Category: Open Shelf.  
 Bordering water body: Atlantic Ocean.  
 Coastal length: 26 nautical miles.  
 Shelf area to 200-m depth: 300 sq nautical miles.

Margin: Area to 3,000-m depth, 300 sq nautical miles. Area to 200 nautical miles, 300 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	2	0	2	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Two concessions leased to one company and one group. One concession extends beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	NA	0
Percent -----	0	0	100	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	0	0.1	0	0
Exports -----	0	0	0	0	0	0

## TONGA

Category: Archipelago.

Bordering water body: Pacific Ocean.

Coastal length: Not available.

Shelf area to 200-m depth: 4,200 (?) sq nautical miles.

Margin: Area to 3,000-m depth, 12,000 (?) sq nautical miles. Area to 200 nautical miles, 173,800 sq nautical miles.

Geology: Coastal onshore, crystalline. Offshore, crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports ----- } Exports ----- }	No information.					

## TRINIDAD AND TOBAGO

Category: Open shelf.

Bordering water body: Atlantic Ocean.

Coastal length: 254 nautical miles.

Shelf area to 200-m depth: 8,500 sq nautical miles.

Margin: Area to 3,000-m depth, 17,300 sq nautical miles. Area to 200 nautical miles, 22,400 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	41.5	9.7	51.2	6	1.3	7.3
Cumulative production (1968-72) -----	1,054.5	290.7	1,345.2	151	41.3	192.3
Proved recoverable reserves (12/31/72) -	275	1,300	1,575	39.4	1,862.2	225.6

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	69.9	34.4	104.3	2	0.9	2.9
Cumulative production (1960-72) -----	1,011	504	1,515	29	14	43
Proved recoverable reserves (12/31/72) -	900	4,000	4,900	25.8	113	138.8

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	6	2	17	0	3	5
Development -	133	125	40	0	35	60

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, 2,932.

Offshore concessions licensed as of 12/31/72:

Thirty-one concessions licensed to five companies and seven consortia.

Parts of some concessions extend beyond 200 m.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	106.6	14.6	0.3	0	0	0
Exports -----	14.4	1.9	127	0	0	0

## TUNISIA

Category: Open shelf.  
 Bordering water body: Mediterranean Sea.  
 Coastal length: 555 nautical miles.  
 Shelf area to 200-m depth: 14,800 sq nautical miles.

Margin: Area to 3,000-m depth, 25,000 sq nautical miles. Area to 200 nautical miles, 25,000 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore <sup>1</sup>	Total
Production in 1972 ---	31.6	0	31.6	4.1	0	4.1
Cumulative production (1966-72) -----	173	0	173	22	0	22
Proved recoverable reserves (12/31/72) -	NA	NA	1,000	NA	NA	130

<sup>1</sup> Offshore reserves established but production not started.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	<sup>1</sup> 60	0	<sup>1</sup> 60	<sup>1</sup> 1.7	0	<sup>1</sup> 1.7
Cumulative production (1949-72) -----	61	0	61	1.7	0	1.7
Proved recoverable reserves (12/31/72) -	1,505	NA	>1,505	43	NA	>43

<sup>1</sup> 54.7 billion cubic feet (est.) flared.

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	9	1	3	0	1	2
Development -	5	5	1	0	0	5

Producing wells as of 12/31/72:

Onshore, 49; Offshore, 0; Total, 49.

Offshore concessions licensed as of 12/31/72:

Twelve concessions licensed by nine companies or consortia.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	7.0	0.9	3.0	0	0	0
Exports -----	28.5	3.7	1.2	0	NA	NA

## TURKEY

Category: Open shelf.

Bordering water bodies: Mediterranean Sea, Black Sea.

Coastal length: 1,921 nautical miles.

Shelf area to 200-m depth: 14,700 sq nautical miles.

Margin: Area to 3,000-m depth, 69,000 sq nautical miles. Area to 200 nautical miles, 69,000 sq nautical miles.

Geology: Coastal onshore, sedimentary/crystalline. Offshore, sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	24.2	0	24.2	3.4	0	3.4
Cumulative production (1948-72) -----	198	0	198	27	0	27
Proved recoverable reserves (12/31/72) -	550	0	550	77.5	0	77.5

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	0	NA	NA	0	NA
Cumulative production (1948-72) -----	<sup>1</sup> >79	0	<sup>1</sup> >79	<sup>1</sup> >2	0	<sup>1</sup> >2
Proved recoverable reserves (12/31/72) -	170	0	170	5	0	5

<sup>1</sup> Estimated.

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	25	4	0	0	25	4
Development -	24	12	0	0	24	12

Producing wells as of 12/31/72:

Onshore, 292; Offshore, 0; Total, 292.

Offshore concessions licensed as of 12/31/72:

Fifty offshore licenses in effect.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	0
Percent -----	NA	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	55	7.5	1.6	0	NA	NA
Exports -----	0	0	6.9	0	NA	NA

## UGANDA

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	---	0	0	---	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount ----- } Percent ----- }	Not applicable.			

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	3.4	0	NA	NA
Exports -----	0	0	Negl	0	0	0

**UNION OF SOVIET SOCIALIST  
REPUBLICS**

Category: Open shelf.

Bordering water bodies: Arctic Ocean, Pacific Ocean, Baltic Sea, Black Sea, Sea of Japan.

Coastal length: 23,098 nautical miles.  
Shelf area to 200-m depth: 364,300 sq nau-

tical miles.

Margin: Area to 3,000-m depth, 735,900 sq nautical miles. Area to 200 nautical miles, 1,309,500 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	2,895.9	0	2,895.9	394	0	394
Cumulative production (1863-1972) -----	<sup>1</sup> 37,183	<sup>1</sup> 0	37,183	<sup>1</sup> 5,059	<sup>1</sup> 0	5,059
Proved recoverable reserves (12/31/72) -	75,000	NA	>75,000	10,273	NA	>10,273

<sup>1</sup> Previous offshore production added to onshore production.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	7,912	0	7,912	224	0	224
Cumulative production (1863-1972) -----	<sup>1</sup> 69,886	<sup>1</sup> 0	69,886	<sup>1</sup> 1,979	<sup>1</sup> 0	1,979
Proved recoverable reserves (12/31/72) -	<706,000	NA	706,000	<20,000	NA	20,000

<sup>1</sup> Previous offshore production added to onshore production.

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	II	II	II	II	II	I

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	NA	NA	NA
Development -	NA	NA	NA	NA	NA	NA

Producing wells as of 12/31/72:

Onshore, <sup>1</sup> 60,000; Offshore, NA; Total, <sup>1</sup> 60,000.

<sup>1</sup> Estimated.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	NA
Percent -----	0	0	0	100

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	56.9	7.8	0	1.3	NA	NA
Exports -----	560	76.2	30.8	0	NA	NA

## UNITED ARAB EMIRATES

Category: Shelf locked.  
 Bordering water body: Persian Gulf.  
 Coastal length: 420 nautical miles.  
 Shelf area to 200-m depth: 17,300 sq nautical miles.

Margin: Area to 3,000-m depth, 17,300 sq nautical miles. Area to 200 nautical miles, 17,300 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	259.6	173.3	432.9	34.6	23.1	57.7
Cumulative production (1962-72) ----- <sup>1</sup>	1,178	1 796	1,974	1 157	1 105	262
Proved recoverable reserves (12/31/72) -	NA	NA	20,209	NA	NA	2,695

<sup>1</sup> Estimated.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	NA	NA	NA	NA	NA	NA
Cumulative production (1962-72) ----- <sup>1</sup>	>859	>446	>1,325	>25	>13	>38
Proved recoverable reserves (12/31/72) -	NA	NA	11,800	NA	NA	33.2

<sup>1</sup> Estimated.

Potential resources (ultimate recoverable resources):

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	-----	III	III	III	III	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	NA	---	NA	NA
Development -	NA	NA	NA	---	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

Ten concessions leased to seven consortia and one company.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	NA
Percent -----	0	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	.9	0	NA	NA
Exports -----	439	58.5	0	0	0	0

## UNITED KINGDOM

Category: Open shelf.

Bordering water bodies: Atlantic Ocean,  
North Sea.

Coastal length: 2,790 nautical miles.

Shelf area to 200-m depth: 143,500 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 281,800 sq  
nautical miles. Area to 200 nautical  
miles, 274,800 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0.6	0	0.6	Negl	0	Negl
Cumulative production (1919-72) -----	19	0	19	3	0	3
Proved recoverable reserves (12/31/72) -	NA	<sup>1</sup> 5,000	>5,000	NA	<sup>1</sup> 694	>694

<sup>1</sup> Offshore production SI.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	3.6	919.8	923.4	0.1	26	26.1
Cumulative production (1954-72) -----	>9.6	>2,238	<2,248	>.3	>63.3	<63.6
Proved recoverable reserves (12/31/72) -	NA	45,000	>45,000	NA	1,275	>1,275

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	III	III	V	III	III

Number of wells completed in 1972:

	Onshore		Offshore			Total	Producing
	Number	Producing	<200 m	>200 m	Producing		
Exploratory --	9	1	25	0	12	34	13
Development -	0	0	46	0	38	46	38

Producing wells as of 12/31/72:

Onshore, 59; Offshore, 140; Total, 199.

Offshore concessions licensed as of 12/31/72:

Two hundred thirteen production licenses, 3 wholly beyond 200-m depth,  
and parts of others partially beyond 200-m depth.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	NA	NA
Percent -----	NA	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	786.2	107.7	145.3	0	30.5	0.9
Exports -----	25.9	3.6	116.9	0	0	0

UNITED STATES OF AMERICA

Category: Open shelf.  
 Bordering water bodies: Pacific Ocean, Gulf of Mexico, Atlantic Ocean, Arctic Ocean.  
 Coastal length: 11,650 nautical miles.  
 Shelf area to 200-m depth: 545,400 sq nautical miles.  
 Margin: Area to 3,000-m depth, 862,600 sq nautical miles. Area to 200 nautical miles, 2,222,000 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	2,982.7	472.3	3,455	403.1	63.8	466.9
Cumulative production (1859-1971) ----- <sup>1</sup>	104,210	5,046	109,256	14,049	1 681	1 14,730
Proved recoverable reserves (12/31/72) -	130,398	1 7,665	38,062	1 4,107	1 1,035	5,143

<sup>1</sup> Estimated.

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	20,654	3,325	23,979	585	94.2	679.3
Cumulative production (1859-1971) ----- <sup>1</sup>	1 415,342	1 23,931	1 439,273	1 11,761	1 678	1 12,439
Proved recoverable reserves (12/31/72) -	NA	NA	266,085	NA	NA	7,537.8

<sup>1</sup> Estimated.

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	II	II	II	I	I	I

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	7,279	1,271	260	0	14	1,285
Development -	19,047	14,502	705	0	447	14,949

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, 503,505.

Offshore concessions licensed as of 12/31/72:

No information.

Offshore exploration expenditures in 1972:

	U.S. companies	Companies of other countries	Government
Amount -----	NA	NA	0
Percent -----	NA	NA	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	811.1	111.1	924.2	0	1,019	28.9
Exports -----	.2	Negl	81.2	0	78.8	2.2

## UPPER VOLTA

Category: Landlocked.  
 Bordering water body: None.  
 Coastal length: None.  
 Shelf area to 200-m depth: None.

Margin: None.  
 Geology: Crystalline/sedimentary.  
 Coastal and offshore placers: None.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) ----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	0	---	0	0	---	0

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development -	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

	Local	U.S.	Companies of	Government
	companies	companies	other countries	
Amount -----	} Not applicable.			
Percent -----				

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	Negl	0	0	0
Exports -----	0	0	0	0	0	0

## URUGUAY

Category : Open shelf.

Bordering water body : Atlantic Ocean.

Coastal length : 305 nautical miles.

Shelf area to 200-m depth : 16,500 sq nautical miles.

Margin : Area to 3,000-m depth, 39,600 sq

nautical miles. Area to 200 nautical miles, 34,800 sq nautical miles.

Geology : Coastal onshore, sedimentary/crystalline. Offshore, sedimentary/crystalline.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	IV	IV	IV	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

None.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42 gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	11.3	1.5	2	0	0	0
Exports -----	0	0	0	0	0	0

## VENEZUELA

Category: Open shelf.

Bordering water bodies: Caribbean Sea,  
Atlantic Ocean.

Coastal length: 1,081 nautical miles.

Shelf area to 200-m depth: 25,700 sq nau-  
tical miles.Margin: Area to 3,000-m depth, 69,700 sq  
nautical miles. Area to 200 nautical  
miles, 106,100 sq nautical miles.Geology: Coastal onshore, sedimentary.  
Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1,178	0	1,178	168.3	0	168.3
Cumulative production (1909-71) -----	28,808	0	28,808	4,112	0	4,112
Proved recoverable reserves (12/31/72) -	<13,800	NA	13,800	<1,971	NA	1,971

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	1,667	0	1,667	47.2	0	47.2
Cumulative production (1909-71) -----	27,504	0	27,504	779.2	0	779.2
Proved recoverable reserves (12/31/72) -	<36,000	NA	36,000	<1,020	NA	1,020

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	III	III	II	II	II	II

Number of wells completed in 1972:

	Onshore		Offshore		Total Producing	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	62	31	2	0	0	64
Development -	1 307	300	0	0	0	1 307

<sup>1</sup> Does not include 131 wells suspended in previous years and completed in 1972.

Producing wells as of 12/31/72:

Onshore, 11,299; Offshore, 0; Total, 11,299.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	NA
Percent -----	0	NA	NA	NA

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	0	0	0	0
Exports -----	780.4	111.5	352.2	0	Negl	Negl

## VIET-NAM, DEMOCRATIC REPUBLIC OF

Category: Shelf locked.

Bordering water body: South China Sea.

Coastal length: 382 nautical miles.

Shelf area to 200-m depth: 22,200 sq nautical miles.

Margin: Area to 3,000-m depth, 22,200 sq nautical miles. Area to 200 nautical miles, 22,200 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	V	V	V	V	V

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	---	0	0
Development -	0	0	0	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies		U.S. companies	Companies of other countries	Government
	Amount	Percent			
Amount -----	0		0	0	0
Percent -----	0		0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	NA	NA	NA	NA	NA	NA
Exports -----	NA	NA	NA	NA	NA	NA

## VIET-NAM, REPUBLIC OF

Category : Open shelf.  
 Bordering water body : South China Sea.  
 Coastal length : 865 nautical miles.  
 Shelf area to 200-m depth : 95,600 sq nautical miles.  
 Margin : Area to 3,000-m depth, 151,400 sq

nautical miles. Area to 200 nautical miles, 188,400 sq nautical miles.  
 Geology : Coastal onshore, crystalline/sedimentary. Offshore, crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) ----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development -	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

None.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions = of metric tons	Millions of 42-gal bbl	Millions + of metric tons	Billions of cubic feet	Billions = of cubic meters
Imports -----	0	0	0	1.8	0	0
Exports -----	0	0	0	0	0	0

## WESTERN SAMOA

Category : Archipelago.

Bordering water body : Pacific Ocean.

Coastal length : 190 nautical miles.

Shelf area to 200-m miles : 1,200 (?) sq nautical miles.

Margin : Area to 3,000-m depth, 2,500 (?) sq nautical miles. Area to 200 nautical miles, 188,400 sq nautical miles.

Geology : Coastal onshore, crystalline. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	IV	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

None.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Exports ----- } Imports ----- }	No information.					

## YEMEN ARAB REPUBLIC (SAN'A)

Category: Open shelf.

Bordering water body: Red Sea.

Coastal length: 244 nautical miles.

Shelf area to 200-m depth: 7,200 sq nautical miles.

Margin: Area to 3,000-m depth, 9,900 sq nautical miles. Area to 200 nautical miles, 9,900 sq nautical miles.

Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	VI	IV	VI	VI	IV	VI

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72:

Two concessions licensed.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	1.0	0	NA	NA
Exports -----	0	0	0	0	0	0

## YEMEN, PEOPLE'S REPUBLIC OF (ADEN)

Category : Open shelf.

Bordering water body : Arabian Sea.

Coastal length : 654 nautical miles.

Shelf area to 200-m depth : 15,100 sq nautical miles.

Margin : Area to 3,000-m depth, 90,100 sq nautical miles. Area to 200 nautical miles, 160,500 sq nautical miles.

Geology : Coastal onshore, sedimentary, offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources) :

Category -----	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	V	IV	IV	V	IV	IV

Number of wells completed in 1972 :

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	0	0	0	0
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72 :

Onshore, 0; Offshore, 0; Total, 0.

Offshore concessions licensed as of 12/31/72 :

No information.

Offshore exploration expenditures in 1972 :

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	0	0	0
Percent -----	0	0	0	0

Imports and exports of oil, products, and natural gas in 1972 :

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	26.5	3.6	1.8	0	NA	NA
Exports -----	0	0	0	0	0	0

## YUGOSLAVIA

Category : Shelf locked.  
 Bordering water body : Adriatic Sea.  
 Coastal length : 426 nautical miles.  
 Shelf area to 200-m depth : 10,700 sq nautical miles.

Margin : Area to 3,000- m depth, 15,300 sq nautical miles. Area to 200 nautical miles, 15,300 sq nautical miles.  
 Geology : Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	23.7	0	23.7	3.2	0	3.2
Cumulative production (through 1972) ----	228.7	0	2,28.7	31.2	0	31.2
Proved recoverable reserves (12/31/72) -	356	0	356	48	0	48

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	43.8	0	43.8	1.2	0	1.2
Cumulative production (through 1972) ----	1,844	0	1,844	51	0	51
Proved recoverable reserves (12/31/72) -	1,700	0	1,700	48.2	0	48.2

Potential resources (ultimate recoverable resources) :

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	IV	V	IV	IV	IV	IV

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	NA	NA	4	---	0	≥4
Development -	NA	NA	NA	---	NA	NA

Producing wells as of 12/31/72:

Onshore, NA; Offshore, NA; Total, NA.

Offshore concessions licensed as of 12/31/72:

State oil agency has signed joint-venture agreement with 2 American companies for exploration in waters less than 200-m deep.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	NA	0	0	NA
Percent -----	NA	0	0	0

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	31.3	4.3	7.8	0	NA	NA
Exports -----	0	.7	1.5	0	NA	NA

## ZAIRE

Category: Open shelf.  
 Bodrering water body: Atlantic Ocean.  
 Coastal length: 22 nautical miles.  
 Shelf area to 200-m depth: 300 sq nautical miles.

Margin: Area to 3,000-m depth, 300 sq nautical miles. Area to 200 nautical miles, 300 sq nautical miles.  
 Geology: Coastal onshore, sedimentary. Offshore, sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	0	0	0	0	0
Cumulative production (through 1972) -----	0	0	0	0	0	0
Proved recoverable reserves (12/31/72) -	0	0	0	0	0	0

Potential resources (ultimate recoverable resources):

	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Category -----	V	V	V	III	V	III

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	5	1	1	0	1	2
Development --	0	0	0	0	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, <sup>1</sup>0; Total, <sup>1</sup>0.

<sup>1</sup> Offshore wells capable of production SI.

Offshore concessions licensed as of 12/31/72:

One concession licensed to a group of companies.

Offshore exploration expenditures in 1972:

	Local companies	U.S. companies	Companies of other countries	Government
Amount -----	0	NA	NA	0
Percent -----	0	NA	NA	0

<sup>1</sup> Offshore wells capable of production SI.

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	5.3	0.7	1.1	0	NA	NA
Exports -----	0	0	.8	0	0	0

## ZAMBIA

Category : Landlocked.  
 Bordering water body : None.  
 Coastal length : None.

Shelf area to 200-m depth : None.  
 Margin : None.  
 Geology : Crystalline/sedimentary.

	Oil					
	Millions of barrels			Millions of metric tons		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

	Natural gas					
	Billions of cubic feet			Billions of cubic meters		
	Onshore	Offshore	Total	Onshore	Offshore	Total
Production in 1972 ---	0	---	0	0	---	0
Cumulative production (through 1972) -----	0	---	0	0	---	0
Proved recoverable reserves (12/31/72) -	0	---	0	0	---	0

Potential resources (ultimate recoverable resources) :

Category	Oil			Natural gas		
	Onshore	Offshore	Total	Onshore	Offshore	Total
	-----	0	---	0	0	---

Number of wells completed in 1972:

	Onshore		Offshore		Total	Producing
	Number	Producing	<200 m	>200 m		
Exploratory --	0	0	---	---	0	0
Development --	0	0	---	---	0	0

Producing wells as of 12/31/72:

Onshore, 0; Offshore, ---; Total, 0.

Offshore concessions licensed as of 12/31/72:

Not applicable.

Offshore exploration expenditures in 1972:

Amount Percent	Local companies	U.S. companies	Companies of other countries	Government
	-----	} Not applicable.		

Imports and exports of oil, products, and natural gas in 1972:

	Crude oil		Petroleum products		Natural gas	
	Millions of 42-gal bbl	Millions of metric tons	Millions of 42-gal bbl	Millions of metric tons	Billions of cubic feet	Billions of cubic meters
Imports -----	0	0	3.8	0	NA	NA
Exports -----	0	0	0	0	0	0

## SUMMARY TABLES

TABLE 1.—Coastal and shelf characteristics, by continents, of countries bordered by oceans or inland seas

Continent and country	Coastal length (nautical miles)	Shelf area to 200-m depth (sq nautical miles)	Margin area to 3,000-m depth (sq nautical miles)	Margin area to 200 nautical miles (sq nautical miles)
<b>Africa :</b>				
Algeria	596	4,000	13,600	40,000
Angola	806	19,500	65,900	147,000
Cameroon	187	3,100	4,500	4,500
Congo	84	2,600	7,200	7,200
Dahomey	65	500	2,600	7,900
Egypt	1,307	10,900	28,900	50,600
Equatorial Guinea	184	3,600	14,000	82,600
Ethiopia	546	13,900	22,100	22,100
Gabon	399	13,400	40,900	62,300
Gambia	38	1,700	3,300	5,700
Ghana	285	6,100	20,100	63,600
Guinea	190	11,200	15,300	20,700
Ivory Coast	274	3,000	15,700	30,500
Kenya	247	4,200	21,600	34,400
Liberia	290	5,700	19,600	67,000
Libya	910	24,400	60,100	98,600
Malagasy Republic	2,155	52,600	131,300	376,800
Mauritania	360	12,900	26,300	45,000
Mauritius	87	26,700	149,200	345,000
Morocco	895	18,100	42,100	81,100
Mozambique	1,352	30,400	77,900	163,900
Nigeria	415	13,500	37,700	61,500
Portuguese Guinea	215	13,500	30,800	43,900
Senegal	241	9,200	23,700	60,000
Sierra Leone	219	7,700	14,700	45,400
Somalia	1,596	17,700	106,200	228,300
South Africa	1,462	41,800	183,700	296,500
Southwest Africa	748	19,000	72,700	145,900
Sudan	387	6,500	26,500	26,700
Tanzania	669	12,000	41,600	65,100
Togo	26	300	300	300
Tunisia	555	14,800	25,000	25,000
Zaire	22	300	300	300
<b>Total</b>	<b>17,812</b>	<b>424,800</b>	<b>1,345,400</b>	<b>2,755,400</b>
<b>Asia :</b>				
Bahrain	68	1,500	1,500	1,500
Bangladesh	310	16,000	20,800	22,400
Brunei	88	2,800	5,300	7,100
Burma	1,231	66,900	111,300	148,600
China				
People's Republic of China	3,492	230,100	281,100	281,100
Republic of China (Taiwan)	470	23,500	39,900	114,400
Cyprus	290	1,900	11,900	29,000
India	2,759	131,800	339,700	587,600
Indonesia	19,784	809,600	1,229,800	1,577,300
Iran	990	31,200	45,400	45,400
Iraq	10	200	200	200
Israel	124	1,300	5,700	6,800
Japan	4,842	140,100	440,900	1,126,000
Khmer Republic	210	16,200	16,200	16,200
Korea, Democratic				
People's Republic of	578	13,200	20,400	37,800
Republic of	712	71,300	93,300	101,600
Kuwait	135	4,100	4,100	4,100
Lebanon	105	1,300	4,600	6,600
Malaysia	1,853	108,900	125,600	138,700
Maldives	?	3,000 (?)	>4,000	279,700
Oman	1,005	17,800	44,500	163,800
Pakistan	440	17,000	61,400	92,900
Philippines	6,997	52,000	65,000	551,400
Qatar	204	7,000	7,000	7,000
Saudi Arabia	1,336	22,700	54,600	54,900
Singapore	28	100	100	100
Sri Lanka	650	7,800	26,900	150,900
Thailand	1,299	75,100	94,700	94,700
Turkey	1,921	14,700	69,000	69,000
United Arab Emirates	420	17,300	17,300	17,300
Viet-Nam, Democratic				
Republic of	382	22,200	22,200	22,200
Republic of	865	95,600	151,400	188,400
Yemen Arab Republic (San'a)	244	7,200	9,900	9,900
Yemen, People's Republic of (Aden)	654	15,100	90,100	160,500
<b>Total</b>	<b>54,496</b>	<b>2,046,500</b>	<b>3,515,800</b>	<b>6,011,800</b>

TABLE 1.—Coastal and shelf characteristics, by continents, of countries bordered by oceans or inland seas—Continued

Continent and country	Coastal length (nautical miles)	Shelf area to 200-m depth (sq nautical miles)	Margin area to 3,000-m depth (sq nautical miles)	Margin area to 200 nautical miles (sq nautical miles)
<b>Europe and Asia :</b>				
Union of Soviet Socialist Republics	23,098	364,300	735,900	1,309,500
<b>Europe :</b>				
Albania	155	1,600	3,600	3,600
Belgium	34	800	800	800
Bulgaria	131	3,600	9,600	9,600
Denmark	686	20,000	20,000	20,000
Finland	735	28,600	28,600	28,600
France	1,373	42,100	75,800	99,500
German Democratic Republic	191	2,800	2,800	2,800
Germany, Federal Republic of	308	11,900	11,900	11,900
Greece	1,645	7,200	82,100	147,300
Iceland	1,080	39,000	252,000	252,800
Ireland	663	36,700	84,100	110,900
Italy	2,451	42,000	160,000	161,000
Malta	50	3,800	17,300	19,300
Netherlands	198	24,700	24,700	24,700
Norway	1,650	30,000	463,700	590,500
Poland	241	8,300	8,300	8,300
Portugal	743	11,400	44,800	517,400
Romania	112	7,100	9,300	9,300
Spain	2,038	49,700	158,200	355,600
Sweden	1,359	45,300	45,300	45,300
United Kingdom	2,790	143,500	281,800	274,800
Yugoslavia	426	10,700	15,300	15,300
<b>Total</b>	<b>19,063</b>	<b>570,800</b>	<b>1,800,000</b>	<b>2,709,300</b>
<b>North America :</b>				
Bahamas (U.K.)	1,500	25,000	75,000	221,400
Barbados	55	100	2,300	48,800
Belize	191	2,800	8,000	9,000
Canada	11,120	846,500	1,240,000	1,370,000
Costa Rica	446	4,600	15,100	75,500
Cuba	1,747	23,300	68,900	105,800
Dominican Republic	325	5,300	28,900	78,400
El Salvador	178	5,200	12,300	26,800
Guatemala	178	3,600	8,200	28,900
Haiti	584	3,100	16,000	46,800
Honduras	374	15,600	43,900	58,600
Jamaica	280	11,700	59,000	86,800
Mexico	4,848	128,900	343,000	831,500
Nicaragua	445	21,200	37,400	46,600
Panama	979	16,700	40,300	89,400
United States of America	11,650	545,400	826,600	2,222,000
<b>Total</b>	<b>34,895</b>	<b>1,659,000</b>	<b>2,824,900</b>	<b>5,346,300</b>
<b>South America :</b>				
Argentina	2,120	232,200	484,100	339,500
Brazil	3,692	224,100	435,700	924,000
Chile	2,882	80,000	167,900	667,300
Colombia	1,022	19,800	60,300	175,900
Ecuador	458	13,700	52,600	358,000
Guyana	232	14,600	28,300	38,000
Peru	1,258	24,100	48,900	229,400
Trinidad and Tobago	254	8,500	17,300	22,400
Uruguay	305	16,500	39,600	34,800
Venezuela	1,081	25,700	69,700	106,100
<b>Total</b>	<b>13,304</b>	<b>659,200</b>	<b>1,405,000</b>	<b>2,875,400</b>
<b>Oceania :</b>				
Australia	15,091	661,600	1,445,400	2,043,300
Fiji	>650	>4,500	<80,000	330,900
New Zealand	2,770	70,800	571,100	1,409,500
Tonga	?	4,200 (?)	12,000 (?)	173,800
Nauru	10	100 (?)	200	125,700
Western Samoa	190	1,200 (?)	2,500 (?)	188,400
<b>Total</b>	<b>18,711</b>	<b>742,400</b>	<b>2,111,200</b>	<b>4,271,600</b>
<b>121-country total</b>	<b>181,379</b>	<b>6,467,000</b>	<b>13,738,200</b>	<b>25,279,300</b>



TABLE 2.—Oil production, proved reserves, and potential resources—Continued

Continent and country	1972 Production						Cumulative production						Proved recoverable reserves						Potential resources (Ultimate recoverable resources)		
	Millions of 42-gal bbls			Millions of metric tons			Millions of 42-gal bbls			Millions of metric tons			Millions of 42-gal bbls			Millions of metric tons			Onshore	Offshore	Total
	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total			
<b>Africa—Continued</b>																					
Mauritius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Morocco	0.2	0	0.2	Negl	0	Negl	15	0	15	2	0	2	1.2	0	1.2	0	0	0	0.2		
Mozambique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Niger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Nigeria	482.5	182.8	665.3	65.1	24.7	89.8	1,798	563.8	2,362	243	76	318.5	9,200	3,400	12,600	1,243	459	1,702	III		
Portuguese Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Rwanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Senegal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sierra Leone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
South Africa	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA	NA	NA		
Southwest Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Tanzania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Togo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Tunisia	31.6	0	31.6	4.1	0	4.1	173	0	173	22	0	22	NA	NA	1,000	NA	NA	130	IV		
Uganda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Upper Volta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Zaire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Zambia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Total</b>	<b>1,765.3</b>	<b>309.4</b>	<b>2,065.3</b>	<b>233.4</b>	<b>42.4</b>	<b>253.7</b>	<b>12,897.2</b>	<b>1,287.5</b>	<b>14,415</b>	<b>1,696.4</b>	<b>179.3</b>	<b>1,945.2</b>	<b>55,946.5</b>	<b>4,782</b>	<b>66,728.5</b>	<b>7,384.7</b>	<b>647</b>	<b>8,879.1</b>			
<b>Europe :</b>																					
Albania	15	0	15	2.2	0	2.2	96	0	97	14.2	0	14.2	90	0	90	13.6	0	13.6	III		
Austria	17.3	0	17.3	2.5	0	2.5	502	0	502	73	0	73	184.5	0	184.5	26.7	0	26.7	IV		
Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bulgaria	1.8	0	1.8	2	0	2	>86	0	>86	>9.2	0	>9.2	278	0	278	38	0	38	IV		
Czechoslovakia	1.4	0	1.4	2	0	2	*28.4	0	*28.4	*4.2	0	*4.2	12	0	12	2	0	2	IV		
Denmark	0	0	0	0	Negl	Negl	0	0	0	0	Negl	Negl	0	250	250	0	34	34	IV		
Finland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
France	16.8	0	16.8	2.3	0	2.3	315	0	315	43	0	43	94.2	0	94.2	13	0	13	IV		
German Democratic Republic	1.8	0	1.8	2	0	2	NA	0	NA	NA	0	NA	11	0	11	1.5	0	1.5	IV		
Germany, Federal Republic of	51.3	0	51.3	7.1	0	7.1	994	0	994	138	0	138	545	0	545	76	0	76	IV		
Greece	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Hungary	15.2	0	15.2	2	0	2	283	0	283	37	0	37	210	0	210	27.6	0	27.6	IV		
Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Italy	7.3	0	7.3	1.2	Negl	1.2	122	63	185	18	9	27	NA	NA	390	NA	NA	32	IV		
Lichtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Malta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Netherlands	10.9	0	10.9	1.6	0	1.6	271	0	271	39	0	39	269	0	269	39	0	39	IV		
Norway	0	12.1	12.1	0	1.6	1.6	0	14	14	0	1.9	1.9	0	7,000	7,000	0	960	960	III		
Poland	2.6	0	2.6	3	0	3	324.6	0	324.6	43	0	43	60	0	60	8	0	8	IV		
Portugal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Romania	105	0	105	14.2	0	14.2	3,037	0	3,037	407	0	407	NA	NA	1,480	NA	NA	41.9	IV		
San Marino	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Spain	1	0	1	1	0	1	7	0	7	1	0	1	300	NA	>300	41.7	NA	>41.7	IV		
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
United Kingdom	0.6	0	0.6	Negl	0	Negl	19	0	19	3	0	3	NA	5,000	>5,000	NA	694	>694	V		
Yugoslavia	23.7	0	23.7	3.2	0	3.2	228.7	0	228.7	31.2	0	31.2	356	0	356	48	0	48	IV		
<b>Total</b>	<b>271.7</b>	<b>13.4</b>	<b>285.1</b>	<b>37.3</b>	<b>1.6</b>	<b>38.9</b>	<b>6,293.7</b>	<b>77.6</b>	<b>6,372.3</b>	<b>899.8</b>	<b>10.9</b>	<b>871.7</b>	<b>2,409.7</b>	<b>12,250</b>	<b>16,559.7</b>	<b>335.1</b>	<b>1,688</b>	<b>2,097</b>			





TABLE 3.—Natural gas production, proved reserves, and potential resources—Continued

Continent and country	1972 Production						Cumulative production						Proved recoverable reserves						Potential resources (ultimate recoverable resources)		
	Billions of cubic feet			Billions of cubic meters			Billions of cubic feet			Billions of cubic meters			Billions of cubic feet			Billions of cubic meters			Onshore	Offshore	Total
	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total	Onshore	Offshore	Total			
Africa—Continued																					
Mauritius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Morocco	2.2	0	2.2	Negl	0	Negl	10.2	0	10.2	0	0	0	0	0	0	17	0	17	0	0	
Mozambique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Niger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Nigeria	438.7	165.9	604.6	12.4	4.7	17.1	*1,338	*588	1,907	*38	*16	54	*30,000	*10,000	40,000	*840	*280	1,120	III	III	
Portuguese Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
Rwanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Senegal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IV	IV	
Sierra Leone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
South Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	III	IV	
Southwest Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	VI	VI	
Tanzania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	IV	IV	
Togo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
Tunisia	60	0	60	1.7	0	1.7	61	0	61	1.7	0	1.7	1,505	NA	>1,505	43	NA	>43	IV	IV	
Uganda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Upper Volta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Zaire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	III	IV	
Zambia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Total</b>	<b>1,104.7</b>	<b>206.2</b>	<b>1,504.1</b>	<b>31.2</b>	<b>5.8</b>	<b>42.5</b>	<b>7,477.2</b>	<b>606.3</b>	<b>8,715.2</b>	<b>211</b>	<b>17.1</b>	<b>364.1</b>	<b>164,922</b>	<b>10,000</b>	<b>190,359</b>	<b>4,662.4</b>	<b>280</b>	<b>5,376.1</b>			
Europe:																					
Albania	NA	0	NA	NA	0	NA	NA	0	NA	NA	0	NA	300	0	300	8.4	0	8.4	IV	IV	
Austria	70.6	0	70.6	2.0	0	2.0	1,105	0	1,105	31	0	31	550	0	550	15	0	15	IV	IV	
Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	IV	
Bulgaria	14.9	0	14.9	4	0	4	93.9	0	93.9	2.4	0	2.4	1,000	0	1,000	28	0	28	IV	IV	
Czechoslovakia	42.4	0	42.4	1.2	0	1.2	550	0	550	15	0	15	500	0	500	15	0	15	IV	IV	
Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	500	500	0	14	14	IV	IV	
Finland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
France	385.8	0	385.8	10.9	0	10.9	3,708	0	3,708	105	0	105	6,600	0	6,600	187	0	187	III	IV	
German Democratic Republic	190	0	190	5.4	0	5.4	NA	0	NA	NA	0	NA	500	0	500	14.2	0	14.2	II	IV	
Germany, Federal Republic of	624.8	0	624.8	17.7	0	17.7	2,477	0	2,477	70	0	70	12,400	0	12,400	351	0	351	III	IV	
Greece	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	IV	
Hungary	144	0	144	4	0	4	975	0	975	28	0	28	4,200	0	4,200	119	0	119	IV	IV	
Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Italy	261.2	240	501	7.4	6.8	14.2	5,281	377	5,713	293	8.8	150	NA	NA	6,000	NA	NA	169.9	IV	III	
Lichtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	VI	IV	
Netherlands	2,043	Negl	2,043	57.9	Negl	57.9	6,889	Negl	6,889	195	Negl	195	88,000	NA	88,000	2,493	NA	2,493	II	III	
Norway	0	18,659	18,659	0	528.6	528.6	0	18,659	0	528.6	0	528.6	0	50,000	50,000	0	1,420	1,420	0	III	
Poland	200	0	200	5.7	0	5.7	*1,773	0	*1,773	*51	0	*51	5,000	0	5,000	140	0	140	IV	V	
Portugal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
Romania	1,169	0	1,169	33.1	0	33.1	8,553	0	8,553	240	0	240	NA	NA	10,000	NA	NA	283.3	III	IV	
San Marino	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Spain	1	0	1	Negl	0	Negl	4	0	4	Negl	0	Negl	NA	NA	500	NA	NA	15	IV	V	
Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	VI	V	
Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	V	V	
United Kingdom	3.6	919.8	923.4	1	26	26.1	>0.6	>2,238	>2,244	>.3	>83.3	>63.6	NA	45,000	>45,000	NA	1,275	>1,275	V	III	
Yugoslavia	43.8	0	43.8	1.2	0	1.2	1,844	0	1,844	51	0	51	1,700	0	1,700	48.2	0	48.2	IV	IV	
<b>Total</b>	<b>5,193.2</b>	<b>19,818.8</b>	<b>25,011.8</b>	<b>147</b>	<b>561.4</b>	<b>708.4</b>	<b>33,258.9</b>	<b>21,274</b>	<b>54,588.3</b>	<b>1,081.7</b>	<b>600.7</b>	<b>1,539.6</b>	<b>120,750</b>	<b>95,500</b>	<b>232,750</b>	<b>3,418.8</b>	<b>2,709</b>	<b>6,596</b>			



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