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Federal Energy
Regulatory Commission

**THE GAS SUPPLIES
OF INTERSTATE NATURAL GAS
PIPELINE COMPANIES
1976**



U.S. Department of Energy

Federal Energy Regulatory Commission
Office of Pipeline and Producer Regulation
Washington, DC 20426

July 1978

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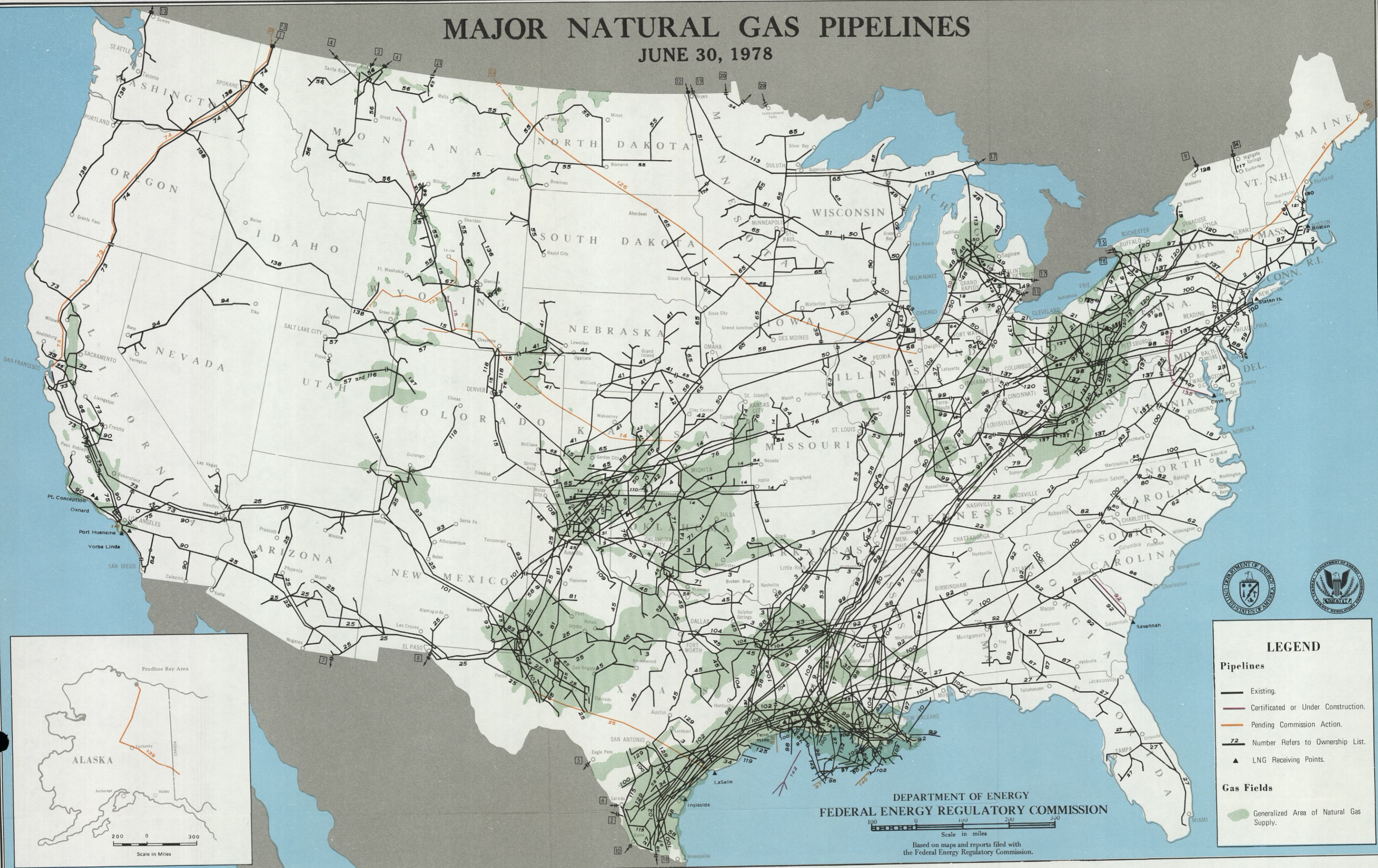
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MAJOR NATURAL GAS PIPELINES

JUNE 30, 1978



LEGEND

Pipelines

- Existing.
- Certified or Under Construction.
- Pending Commission Action.
- Number Refers to Ownership List.
- LNG Receiving Points.

Gas Fields

- Generalized Area of Natural Gas Supply.

DEPARTMENT OF ENERGY
FEDERAL ENERGY REGULATORY COMMISSION

Based on maps and reports filed with
the Federal Energy Regulatory Commission.

- *Alabama-Tennessee Natural Gas Co.
- *Algonquin Gas Transmission Co.
- *Arkansas-Louisiana Gas Co.
- *Arkansas-Missouri Power Co.
- *Associated Natural Gas Co.
- *Carolina Pipeline Co.
- *Central Louisiana Electric Co., Inc.
- *Chandeleur Pipeline Co.
- *Cincinnati Gas & Electric Co., The
- *Cities Service Gas Co.
- *Colorado Interstate Gas Co.
- *Columbia Gulf Transmission Co.
- *Commonwealth Natural Gas Corp.
- *Consumers Power Co.
- *East Ohio Gas Co., The
- *East Tennessee Natural Gas Co.
- *Eastern Shore Natural Gas Co.
- *El Paso Natural Gas Co.
- *Equitable Gas Co.
- *Florida Gas Transmission Co.
- *High Plains Natural Gas Co.
- *Houston Pipe Line Co.
- *Mid Louisiana Gas Co.
- *Illinois Power Co.
- *Indiana Gas Co., Inc.
- *Iowa-Illinois Gas & Electric Co.
- *National Fuel Gas Distribution Corp.
- *Kansas-Nebraska Natural Gas Co.
- *Kansas Power & Light Co., The
- *Lone Star Gas Company
- *Louisville Gas & Electric Co.
- *Michigan Consolidated Gas Co.
- *Michigan Gas Storage Co.
- *Michigan Wisconsin Pipe Line Co.
- *Midwestern Gas Transmission Co.

- *Mississippi River Transmission Corp.
- *Missouri Public Service Co.
- *Montana-Dakota Utilities Co.
- *Montana Power Co.
- *Mountain Fuel Supply Co.
- *Natural Gas Pipeline Co. of America
- *New Jersey Natural Gas Co.
- *Niagara Mohawk Power Corp.
- *North Carolina Natural Gas Corp.
- *Northern Illinois Gas Co.
- *Northern Indiana Public Service Co.
- *Northern Natural Gas Co.
- *Northern Utilities, Inc., Wyo.
- *Oklahoma Natural Gas Co.
- *Pacific Gas & Electric Co.
- *Pacific Gas Transmission Co.
- *Pacific Lighting Service Co.
- *Panhandle Eastern Pipe Line Co.

- *National Fuel Gas Supply Corp.
- *Peoples Natural Gas Co., The
- *Petroleum Exploration Inc.
- *Piedmont Natural Gas Co., Inc.
- *Pioneer Natural Gas Co.
- *Public Service Co. of N.C., Inc.
- *Roanoke Gas Co.
- *San Diego Gas & Electric Co.
- *Shenandoah Gas Co.
- *South Carolina Electric & Gas Co.
- *South Georgia Natural Gas Co.
- *South Jersey Gas Co.
- *Southeast Alabama Gas District
- *Southern California Gas Co.
- *Southern Natural Gas Co.
- *Southern Union Gas Co.
- *Southwest Gas Corp.
- *Southwestern Virginia Gas Co.

- *Standard Pacific Gas Lines, Inc.
- *Tennessee Gas Pipeline Co.
- *Texas Eastern Transmission Corp.
- *Texas Gas Transmission Corp.
- *Transcontinental Gas Pipe Line Corp.
- *Transwestern Pipeline Co.
- *Trunkline Gas Co.
- *United Gas Pipe Line Co.
- *Washington Gas Light Co.
- *Western Gas Interstate Co.
- *West Texas Utilities Co.
- *Zenith Nat. Gas Co.
- *Great Lakes Gas Transmission Co.
- *Great Plains Natural Gas Co.
- *South Texas Nat. Gas Gathering Co.
- *Utah Natural Gas Co.
- *Vermont Gas System, Inc.
- *Western Slope Gas Co.

- *Blue Dolphin Pipe Line Co.
- *Consolidated Gas Supply Corp.
- *Granite State Gas Transmission, Inc.
- *Sabine Pipe Line Co.
- *Black Marlin Pipeline Co.
- *Northern Border Pipeline Co.
- *Mountain Fuel Resources Inc.
- *St. Lawrence Gas Co.
- *Coastal States Gas Producing Co.
- *Northern Utilities, Inc. (Me.)
- *United Texas Trans. Co.
- *Sea Robin Pipeline Co.
- *Inter-County Interstate Natural Gas Sys.
- *Wyoming Interstate Pipeline Co., Inc.
- *Columbia LNG Corp.
- *McCulloch Interstate Gas Corp.
- *Columbia Gas Transmission Corp.
- *Northwest Pipeline Corp.

- 139 Northwest Alaskan Pipeline Co.
- 140 *Tarpon Transmission Co.
- 141 *Exxon Pipeline Co., of Calif.
- 142 High Island Offshore Systems
- 143 *Stingray Pipeline Co.

*Jurisdictional Companies

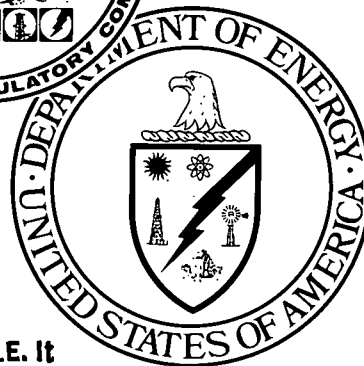
- 1 Pacific Gas Trans., 74, from Alberta Southern Gas Co. Ltd. & West Coast Trans. Co., Ltd.
- 2 Montana Power Co., 55, from Canadian Montana Pipe Line Inc.
- 3 St. Lawrence Gas Co., 128, from Niagara Gas Trans. Ltd.
- 4 City of Roma, from Petroleas Mexicanas
- 5 Midwestern Gas Trans. Co., 51, from Trans-Canada Pipe Lines Ltd.
- 6 Northwest Pipeline Corp., 138, from West Coast Trans. Co., Ltd.
- 7 Vermont Gas Systems Inc., 117, from Trans-Canada Pipe Lines Ltd.
- 8 Tennessee Gas Pipeline Co., 97, from Trans-Canada Pipe Lines Ltd.
- 9 Texas Eastern Trans. Corp., 98, from Petroleas Mexicanas
- 10 Great Lakes Gas Transmission Co., 113, from Trans-Canada Pipe Lines Ltd.

- 11 Inter-City Minnesota Pipelines Ltd., Inc., 134, from ICG Transmission Ltd.
- 12 Northern Natural Gas Co., 65, from Trans-Canada Pipe Lines Ltd.
- 13 Northern Border Pipeline Co., 126, from Canadian Arctic Gas Pipeline Sys., Ltd.
- 14 Pacific Gas Transmission, 74, from Alberta Southern Gas Co., Ltd.

- 15 Texas Gas Util. Co., to Compania Minera Asarco, S.A.
- 16 The Montana Power Co., 56, to Border Util., Ltd. & Milk River Gas Co., Ltd.
- 17 Texas Gas Utilities to Cia Nacional de Gas, S.A.
- 18 Entex, Inc. to Compania de Gas de Nueva Laredo, S.A.
- 19 El Paso Nat. Gas Co., 25, to Compania Minero de Cananea, S.A. de C.V.
- 20 Del Norte Gas Co., to Gas Natural de Juarez & Juarez Gas Co.
- 21 Panhandle Eastern P.L. Co., 76, to Tecumseh Gas Storage Ltd. & Union Gas of Canada Ltd.
- 22 Tennessee Gas Pipeline Co., 97, to Trans-Canada Pipe Lines, Ltd.
- 23 Great Lakes Gas Transmission Co., 113, to Trans-Canada Pipe Lines, Ltd.

Federal Energy Regulatory Commission

THE GAS SUPPLIES OF INTERSTATE NATURAL GAS PIPELINE COMPANIES 1976



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U.S. Department of Energy
Federal Energy Regulatory Commission
Office of Pipeline and Producer Regulation
Washington, DC 20426

July 1978

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PREFACE

This staff report on the gas supplies of interstate natural gas pipeline companies for calendar year 1976 is the thirteenth report on the gas supplies of these companies since the inception of individual company reports to the Federal Power Commission (Form 15) filed in 1964 giving 1963 data. This report provides a statistical summary of the year-end 1976 total reserves and deliverability of the interstate pipeline companies and pertinent comparisons with information developed from Form 15 annual reports filed over the preceding 13 years.

The staff report is based on data from Form 15's filed by the 89 pipeline companies required to report on their gas supplies for 1976. The data on dedicated in-the-ground gas reserves (company owned and/or purchased from independent producers) are from reports filed by 58 of these companies. The remaining 31 companies purchase all their gas supply from other pipeline companies.

The gas supplies of interstate pipeline companies consists of the certificated, dedicated, recoverable, salable natural gas available from domestic in-the-ground reserves, gas purchase contracts with other interstate pipeline companies, foreign suppliers and substitute natural gas (SNG) suppliers. The domestic in-the-ground reserves include (1) company-owned reserves, (2) reserves dedicated or warranted under contracts with independent producers, and (3) supplemental or short-term supplies purchased from independent producers and intrastate pipeline companies. To avoid duplicate reporting of domestic in-the-ground reserves, the contract volumes of gas under agreements between jurisdictional pipelines (pipeline purchases) have been excluded in summarizing national, state and area reserves. Volumes contracted under agreements with foreign suppliers include both pipeline imports and liquefied natural gas (LNG) imports.

The gas reserves estimates included in this staff report for the domestic, dedicated, in-the-ground gas supply are for "recoverable-proved reserves", defined as follows in the Form 15 report: "... the proved reserves of natural gas as of December 31st of any given year are the estimated quantities of certificated natural gas which geological and engineering data demonstrates with reasonable certainty to be recoverable in the future from known natural oil and gas reservoirs under existing economic and operating conditions." Other gas reserve estimates, such as those published annually by the American Gas Association (AGA), employ a somewhat different definition. For example, the AGA definition of "proved reserves" excludes in all areas except South Louisiana, 1/ those reservoirs for which there has been no demonstration of ability to produce by either actual production or a conclusive formation test. In addition, the delineation of the proved area of the reservoir is not necessarily the same in the Form 15 reports as the delineation used by the AGA.

On October 1, 1977, pursuant to the provision of the Department of Energy Organization Act (DOE Act), Public Law 95-91, 91 stat. 565 (August 4, 1977), and Executive Order No. 12009, 42 Fed. Reg. 46267 (September 15, 1977), the Federal Power Commission (FPC) ceased to exist and its functions and regulatory responsibilities were transferred to the Secretary of Energy and the Federal Energy Regulatory Commission (FERC) which, as an independent Commission within the Department of Energy, was activated on October 1, 1977.

The previous FPC gas areas will be referred to as FERC gas areas in this report.

1/ American Gas Association, Report of Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada, Volume 31, May 1977.

HIGHLIGHTS

GAS RESERVES

Total dedicated domestic gas reserves owned and controlled by interstate pipeline companies declined in 1976 by 8.5 trillion cubic feet, or 8.0 percent, from 106.8 trillion cubic feet at the beginning of the year to 98.3 trillion cubic feet at the end of the year (Table 1). The rate of decline of gas reserves experienced during 1976 was less than that experienced over the past several years. This is attributed in part to the smaller downward revisions to estimates of reserves discovered in prior years.

A five-year tabulation shows that domestic interstate gas reserves have declined from 161.3 trillion cubic feet at the beginning of the year 1972 to 98.3 trillion cubic feet at the end of 1976, a decline of 63.0 trillion cubic feet, or 39.0 percent (Table 2). The reported peak of 198.1 trillion cubic feet was at year-end 1967 (Table 3 and Chart 2).

ANNUAL PRODUCTION

Total gas purchased and produced from the dedicated domestic gas reserves declined in 1976 by 5.0 percent to 11.4 trillion cubic feet as compared to 12.0 trillion cubic feet in 1975. A peak production level of 14.2 trillion cubic feet was achieved in the years 1971 and 1972 (Table 2).

REVISIONS AND ADDITIONS (GROSS CHANGES IN RESERVES)

The total net of additions and revisions to reserves during 1976 was 2.9 trillion cubic feet (Table 1, Line 4). In this report this figure is also referred to as "gross change in reserves". Only when the total net of additions and revisions is greater than production is the volume of reserves increased. This has not been the case since 1967 (Chart 5); however, this is the largest positive change since 1969.

ADDITIONS

Total interstate reserve additions during 1976 were nearly 4.1 trillion cubic feet (Table 1, Line 3), compared with additions of 4.3 trillion cubic feet for 1975.

Part of the additions is made up of new supply. New supply consists of fields and plants reported by the companies for the first time in their Form 15 reports. The new supply added during 1976 amounted to 2.1 trillion cubic feet. During 1975 the new supply additions were 1.5 trillion cubic feet (Table 2).

Additions in 1976, other than new supply, of 2.0 trillion cubic feet, were additions to previously reported supplies. The comparable figure for 1975 was 2.8 trillion cubic feet (Table 2).

REVISIONS

Total net revisions to interstate gas reserves during 1976 are calculated at approximately a minus 1.2 trillion cubic feet. For 1975 the total net revisions were calculated to be a minus 6.0 trillion cubic feet. These revisions are attributed to production adjustments, changes in dedicated interests and revisions to previous reserve estimates (Tables 1 and 2).

RESERVES/PRODUCTION (R/P) RATIO

The 1976 R/P ratio for the total domestic reserves and production was 8.6 as compared with the 1975 ratio of 8.9. This ratio has been declining throughout the thirteen-year history of Form 15 reports (Chart 3).

GROSS CHANGE/PRODUCTION (GC/P) RATIO

The ratio of gross change in reserves (revisions and additions) to production for 1976 was 0.25. For 1975 the comparable ratio was a minus 0.14. When this ratio is less than unity, year-end reserves for that year will be less than the previous year. This ratio has not exceeded unity since 1967 (Chart 4).

IMPORTS AND EXPORTS

The volumes of gas imported from Canada by pipelines during 1976, as reported by the companies filing Form 15 reports, increased by 1.5 percent from 895.0 to 908.3 billion cubic feet. There were no imports of natural gas from Mexico during 1976. The reporting companies accounted for approximately 95.2 percent of 1976 natural gas pipeline imports. In addition, 3 pipeline companies reported LNG imports from Algeria as part of their gas supply. However, these three companies have not scheduled deliveries of LNG until 1978 (Table 4).

DELIVERABILITY

The pipelines continue to show a declining annual deliverability from their year-end dedicated reserves. This is expected because of the decline since 1967 in the volume of reserves dedicated to the interstate pipeline companies. Compared to deliverability estimates made from their 1975 year-end reserves, the current deliverability estimates based on 1976 year-end reserves are approximately 5 percent less in volume than the 1975 year-end estimates for the respective accumulated deliveries during the five-year periods following the year-end estimates (Table 28).

Table 1 - SUMMARY OF DOMESTIC NATURAL GAS RESERVES
Interstate Natural Gas Pipeline Companies
(Thousand Mcf - 14.73 Psia at 60°F.)

	Company Owned and Long Term Gas Purchase Contracts	Emergency and Limited Term Contracts <u>1/</u>	Total Dedicated Domestic Gas Reserves
1. Total dedicated gas reserves as of December 31, 1975. . . .	106,798,632	17,824 <u>2/</u>	106,816,456
2. Net revisions to 1975 reserve estimates during 1976.	<u>3/</u>	<u>3/</u>	(1,219,723)
3. Reserves added during 1976 . .	<u>3/</u>	<u>3/</u>	4,073,960
4. Total net revisions and additions <u>(5) - (1) 7</u>	2,762,349	91,888	2,854,237
5. Gas reserves as of December 31, 1975 and changes during 1976 <u>(6) + (7) 7</u>	109,560,981	109,712	109,670,693
6. Deduct gas purchased and produced during 1976.	11,311,370	77,238	11,388,608
7. Total dedicated gas reserves as of December 31, 1976	98,249,611	32,474 <u>2/</u>	98,282,085

- 1/ Includes emergency purchases and limited term contracts which can be identified in the Form 15 reports. Purchases between interstate pipelines are excluded.
2/ Represents contractual volumes.
3/ Not available.

Table 2 - ANNUAL CHANGES IN INTERSTATE GAS RESERVES
(Billion Cubic Feet at 14.73 Psia @ 60°F.)

	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1975</u>
Beginning of Year Reserves	161,341	146,906	134,317	120,543	106,816
Net Revisions <u>1/</u>	(8,278)	(3,621)	(7,149)	(5,992)	(1,220)
Additions to Previously Reported Supply <u>2/</u>	3,049	2,972	3,940	2,773	1,560
New Sources of Supply <u>3/</u>	5,001	1,740	2,400	1,479	2,114
Total Additions	8,050	4,712	6,340	4,257	4,074
Total Revisions and Additions <u>4/</u>	(228)	1,091	(809)	(1,735)	2,854
Annual Production	14,207	13,680	12,965	11,992	11,389
Year-End Reserves	146,906	134,317	120,543	106,816	98,232
Downward Revisions Percent of Additions	102.8	76.8	112.8	140.8	30.0

1/ Calculated.

2/ Difference between New Sources of Supply and Total Additions.

3/ Does not include any new supply additions for the Appalachian area as the method of reporting precludes the determination of a total figure for that area.

4/ Year-End Reserves plus Annual Production less Beginning of Year Reserves.

PART I

SUMMARY
TOTAL INTERSTATE GAS SUPPLY

CHART 1 - TOTAL INTERSTATE GAS SUPPLY

Domestic Reserves and Gas Supply Under Import Contracts (Canada, Mexico, and Algeria)

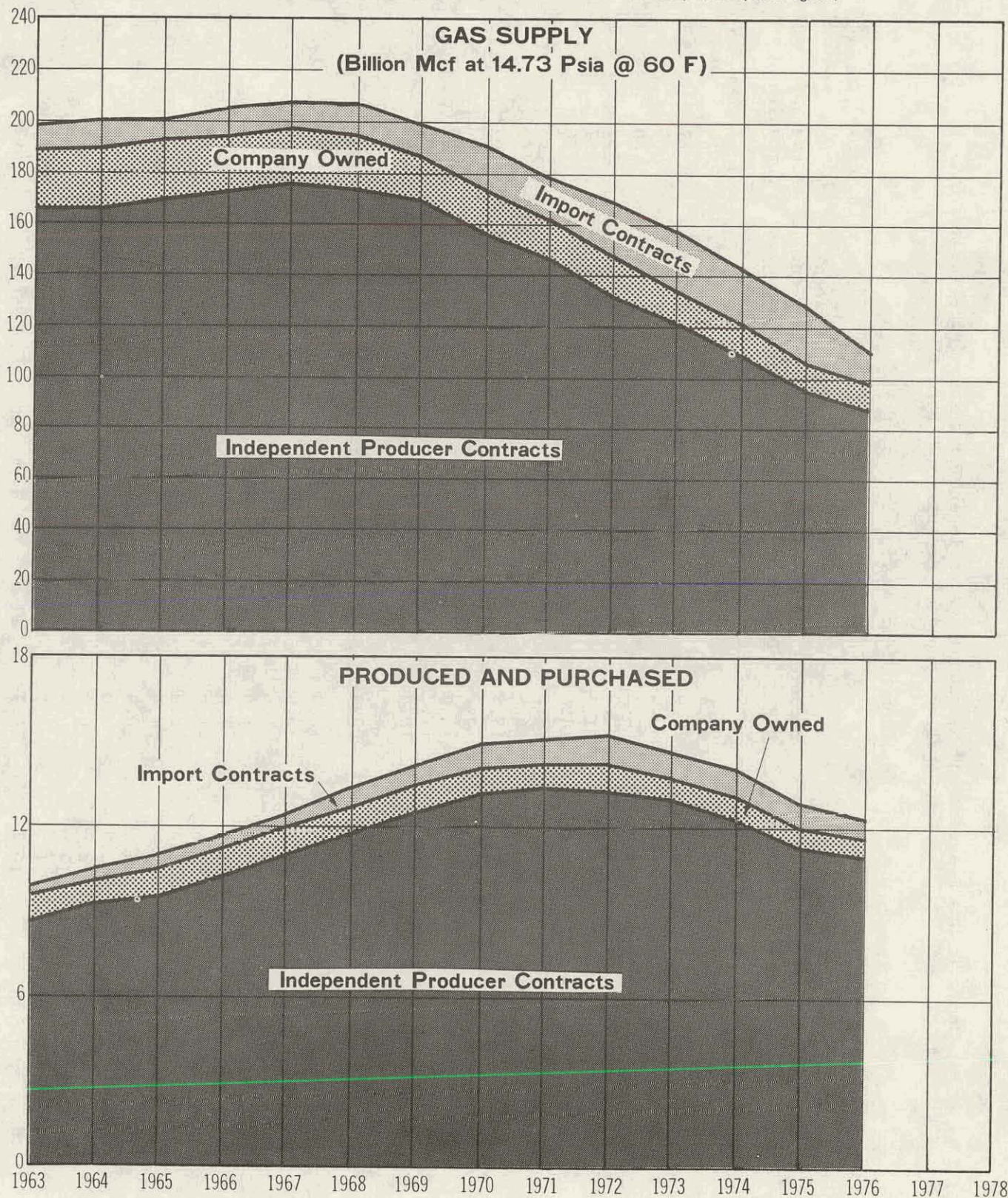


Table 3 - TOTAL INTERSTATE GAS SUPPLY

Domestic Gas Reserves and Gas Supply Under Import Contracts (Pipeline and LNG)
For Pipeline Companies Reporting on Form 15

(Billion Mcf at 14.73 Psia @ 60°F.)

<u>Date</u>	<u>Limited Term and Emergency Purchases</u>	<u>Long Term Independent Producer Contracts</u>	<u>Company Owned</u>	<u>Total Domestic</u>	<u>Import Contracts Pipeline</u>	<u>LNG</u>	<u>Total Interstate Companies</u>	<u>Number of Companies</u>
<u>Gas Supply at Year-End</u>								
1963		165.1	23.4	188.5	9.7		198.2	65
1964		166.3	22.9	189.2	11.0		200.2	67
1965		169.1	23.0	192.1	10.8		202.9	66
1966		172.9	22.2	195.1	9.9		205.0	69
1967		175.9	22.2	198.1	10.6		208.7	67
1968		173.3	21.7	195.0	12.5		207.5	67
1969		169.0	18.6	187.6	11.9		199.5	68
1970		156.4	17.2	173.6	17.2		190.8	68
1971	0.07	144.8	16.5	161.4	16.6		178.0	62
1972	0.32	131.2	15.4	146.9	15.7	5.7	168.3	67
1973	0.21	120.9	13.2	134.3	14.8	8.7	157.8	67
1974	0.06	108.6	11.8	120.5	13.5	9.1	143.1	65
1975	0.01	95.6	11.2	106.8	12.6	9.4	128.8	65
1976	0.03	87.5	10.8	98.3	11.5	9.4	119.2	62

Annual Production and Purchases

1963		8.5	0.9	9.4	0.4		9.8	65
1964		9.1	0.9	10.0	0.4		10.4	67
1965		9.4	1.0	10.4	0.4		10.8	66
1966		10.1	1.0	11.1	0.4		11.5	69
1967		10.8	1.0	11.8	0.5		12.3	67
1968		11.6	1.0	12.6	0.6		13.2	67
1969		12.4	1.0	13.4	0.7		14.1	68
1970		13.1	1.0	14.1	0.8		14.9	68
1971	0.18	13.1	0.9	14.2	0.9		15.1	62
1972	0.27	12.9	1.0	14.2	1.0		15.2	67
1973	0.29	12.6	0.8	13.7	1.0		14.7	67
1974	0.23	12.0	0.8	13.0	0.9		13.9	65
1975	0.11	11.2	0.7	12.0	0.9		12.9	65
1976	0.08	10.7	0.7	11.4	0.9		12.3	62

Table 4 - GAS SUPPLY AND DELIVERABILITY SUMMARY

Volumes Dedicated to Interstate Pipeline Companies as of Year End 1976
(Thousand Mcf at 14.73 Psia @ 60°F.)

	Gas Supply 12-31-76	Produced and/or Purchased	Projected Deliveries				
			1977	1978	1979	1980	1981
A. Domestic Gas Supply							
1. Company Owned and Long Term Producer Contracts	95,438,220	11,176,304	10,386,835	9,100,575	7,946,410	6,996,168	6,149,100
2. Warranty Contracts	2,811,391	135,066	233,068	262,478	262,478	263,115	262,478
3. Emergency/Limited Term Contracts	32,474	77,238	32,474	-0-	-0-	-0-	-0-
Total Domestic	98,282,085	11,388,608	10,652,377	9,363,053	8,208,888	7,259,283	6,411,578
Domestic % of Total	82.5	92.5	91.9	90.8	86.4	84.8	83.1
B. Pipeline Imports							
1. Canada	11,534,968	908,295	935,361	925,063	925,706	928,650	929,341
Pipeline Imports % of Total	9.7	7.4	8.1	9.0	9.7	10.4	12.1
C. LNG Imports							
1. Algeria	9,373,364	-0-	-0-	147,930	368,019	372,480	372,480
LNG Imports % of Total	7.8			0.2	3.9	4.4	4.8
Total All Sources	119,190,417	12,296,903	11,587,738	10,336,046	9,502,613	8,560,413	7,713,399

PART II

SUMMARY
DOMESTIC GAS SUPPLY TRENDS
INTERSTATE PIPELINE COMPANIES
1963 - 1976

CHART 2 - INTERSTATE PIPELINE COMPANIES CHANGES IN GAS RESERVES DOMESTIC RESERVES AND PRODUCTION TRENDS

Interstate Pipeline Companies
(Billion Mcf at 14.73 Psia @ 60° F)

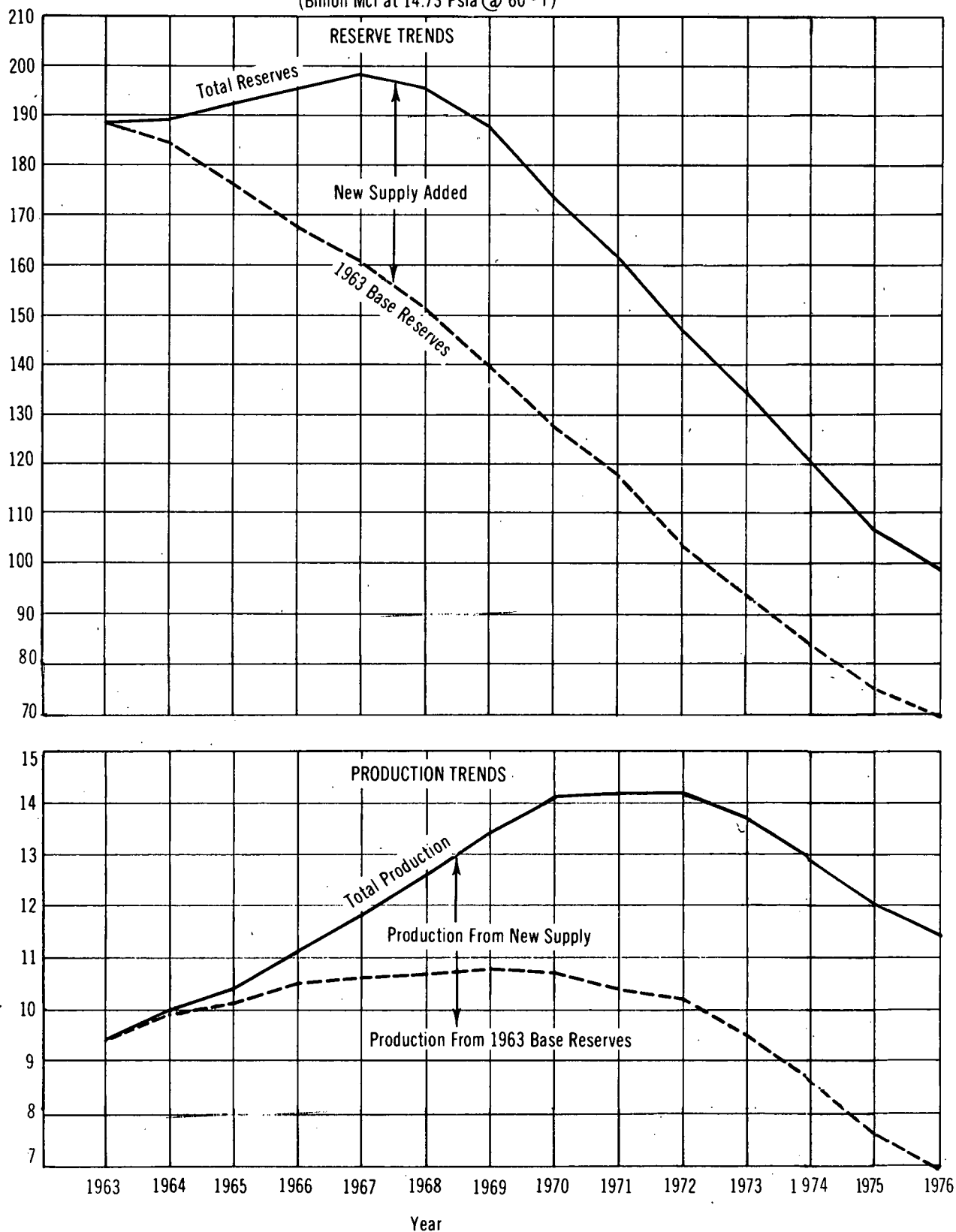
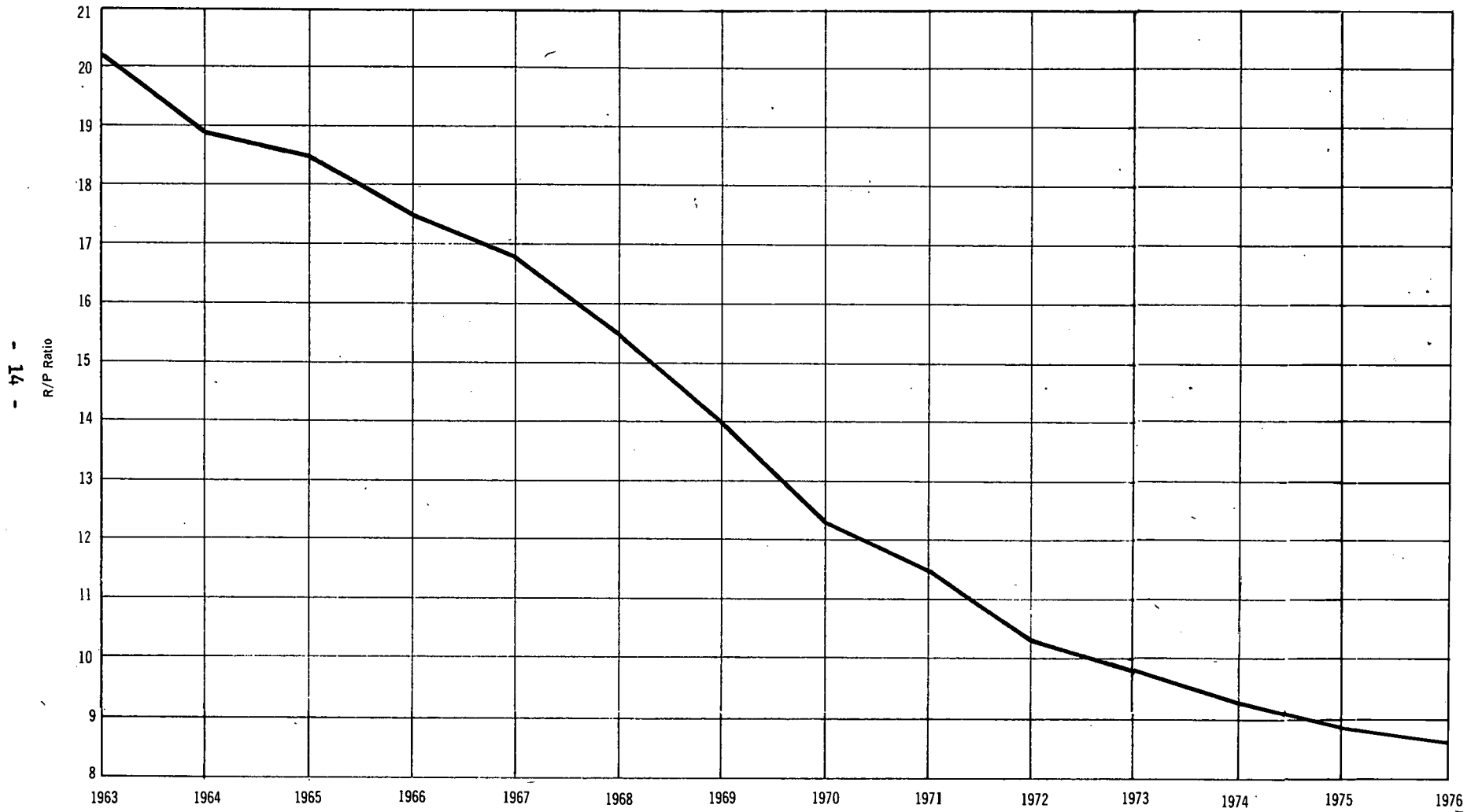


CHART 3 - R/P RATIOS, ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES



**CHART 4 - INTERSTATE PIPELINES COMPANIES
GROSS CHANGE- PRODUCTION (GC/P) RATIO TRENDS**

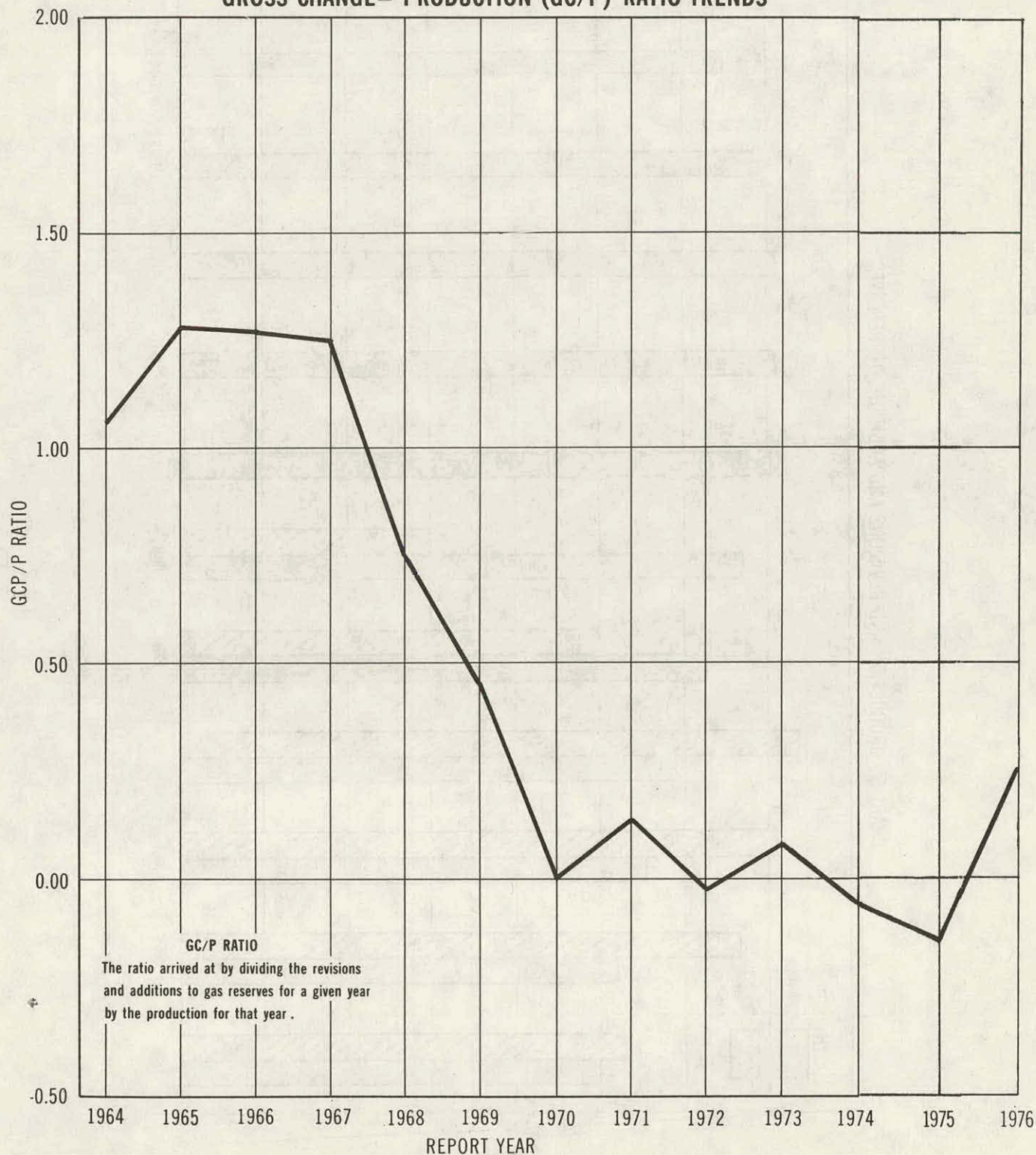


CHART 5 - PRODUCTION AND REVISIONS AND ADDITIONS TO RESERVES

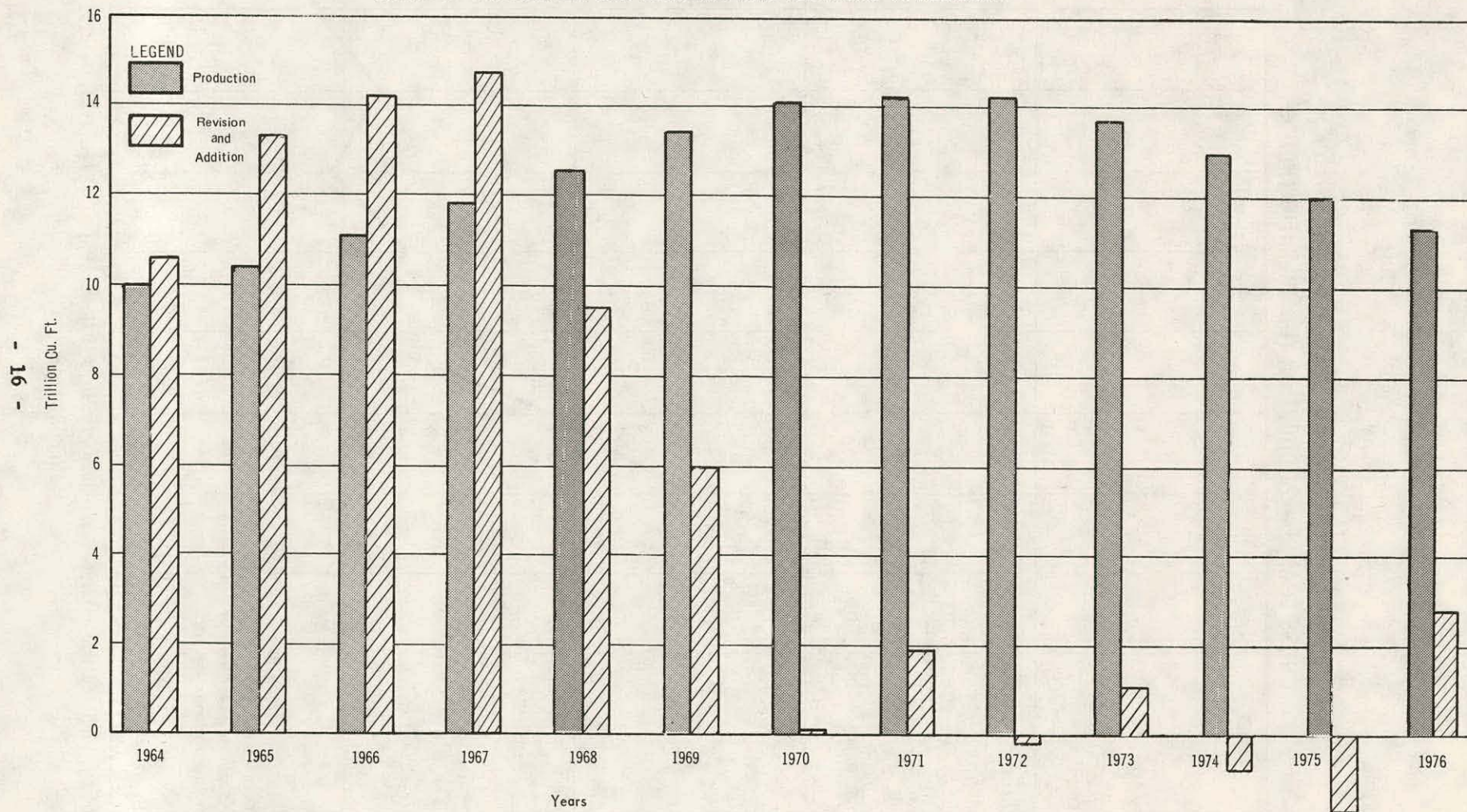


Table 5 - INTERSTATE PIPELINE COMPANIES
CHANGES IN GAS RESERVES 1/

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF, AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ANNUAL 5/ ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			9,350,628	188,540,057				
1964	RESERVES 12-31-63	188,540,057	5,853,473	9,957,148	134,436,382				
	NEW SUPPLY 1964		4,786,469	57,427	4,729,042				
	TOTAL	188,540,057	10,639,942	10,014,575	139,165,424	1.06	18.9	4,786,178	57,427
1965	RESERVES 12-31-63	184,436,382	2,067,648	10,085,473	176,418,557				
	NEW SUPPLY 1964-1965	4,729,042	11,214,491	285,302	15,658,231				
	TOTAL	189,165,424	13,282,139	10,370,775	192,076,788	1.28	18.5	10,193,245	70,881
1966	RESERVES 12-31-63	176,418,557	1,373,299	10,448,488	167,343,368				
	NEW SUPPLY 1964-1966	15,658,231	12,816,801	688,078	27,786,954				
	TOTAL	192,076,788	14,190,100	11,136,566	195,130,322	1.27	17.5	10,130,942	76,977
1967	RESERVES 12-31-63	167,343,368	4,347,268	10,630,630	161,060,006				
	NEW SUPPLY 1964-1967	27,786,954	10,403,584	1,189,381	37,001,157				
	TOTAL	195,130,322	14,750,852	11,820,011	198,061,163	1.25	16.8	9,032,337	72,259
1968	RESERVES 12-31-63	161,060,006	1,023,867	10,706,018	151,377,855				
	NEW SUPPLY 1964-1968	37,001,157	8,429,100	1,846,079	43,584,178				
	TOTAL	198,061,163	9,452,567	12,552,097	194,962,033	.75	15.5	6,273,690	55,709
1969	RESERVES 12-31-63	151,377,855	143,023-	10,840,598	140,394,234				
	NEW SUPPLY 1964-1969	43,584,178	6,223,648	2,592,790	47,215,036				
	TOTAL	194,962,033	6,080,625	13,433,388	187,509,270	.45	14.0	6,251,721	56,197
1970	RESERVES 12-31-63	140,394,234	2,341,557-	10,728,210	127,324,467				
	NEW SUPPLY 1964-1970	47,215,036	2,379,815	3,363,573	46,231,278				
	TOTAL	187,609,270	38,258	14,091,783	173,555,745		12.3	3,458,783	71,652
1971	RESERVES 12-31-63	127,324,467	179,918	10,446,522	117,057,863				
	NEW SUPPLY 1964-1971	46,231,278	1,810,815	3,758,568	44,233,525				
	TOTAL	173,555,745	1,990,733	14,205,090	161,341,388	.14	11.4	2,191,811	43,734
1972	RESERVES 12-31-63	117,057,863	3,247,027-	10,236,911	103,513,925				
	NEW SUPPLY 1964-1972	44,283,525	3,018,223	3,970,026	43,321,722				
	TOTAL	161,341,388	228,804-	14,206,937	146,905,647	.02-	10.3	5,001,475	111,256
1973	RESERVES 12-31-63	103,513,925	711,183-	9,403,800	93,453,942				
	NEW SUPPLY 1964-1973	43,321,722	1,803,192	4,271,583	40,861,331				
	TOTAL	146,905,647	1,092,009	13,680,383	134,317,273	.08	9.8	1,740,271	74,173
1974	RESERVES 12-31-63	93,453,942	1,216,464-	8,603,922	83,628,556				
	NEW SUPPLY 1964-1974	40,861,331	406,843	4,356,128	36,914,046				
	TOTAL	134,317,273	809,621-	12,965,050	120,542,602	.06-	9.3	2,399,584	81,653
1975	RESERVES 12-31-63	83,628,556	1,099,880-	7,576,319	74,952,357				
	NEW SUPPLY 1964-1975	36,914,046	634,518-	4,415,429	31,864,099				
	TOTAL	120,542,602	1,734,358-	11,991,748	106,816,456	.14-	8.9	1,283,459	105,436
1976	RESERVES 12-31-63	74,952,357	103,868-	6,641,330	68,207,159				
	NEW SUPPLY 1964-1976	31,864,099	2,958,105	4,747,278	30,074,926				
	TOTAL	106,816,456	2,854,237	11,388,608	98,282,085	.25	8.6	2,030,082	162,589
1964-1976	RESERVES @ 12-31-63	188,540,057	5,982,471	126,315,369	68,207,159				
	NEW SUPPLY 1964-1976		65,616,568	35,541,642	30,074,926				
	TOTAL	188,540,057	71,599,039	161,857,011	98,282,085	.44		64,773,578	1,039,943

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES. ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

Table 6 - COMPARISON OF RESERVES AND PRODUCTION
AMERICAN GAS ASSOCIATION REPORTS
vs.
FORM 15 REPORTS
(Thousand Mcf at 14.73 Psia @ 60°F.)

	1969	1970	1971	1972	1973	1974	1975	1976
<u>RESERVES</u>								
AGA - Total (Lower 48 States) <u>1/</u>	269,906,692	259,615,657	247,440,277	234,629,403	218,307,581	205,265,885	196,149,427	184,096,522
AGA - Revised Total <u>2/</u>	261,869,409	251,878,139	240,108,665	227,371,041	211,112,029	198,149,484	190,224,757	176,734,068
Form 15 - Major Companies <u>3/</u>	184,212,818	169,972,187	158,071,184	144,233,076	131,858,644	118,310,644	104,773,499	96,367,859
Percent of AGA Revised	70.3	67.5	65.8	63.4	62.5	59.7	55.1	54.5
Form 15 - All Companies	187,609,270	173,555,745	161,341,388	146,905,647	134,317,273	120,542,602	106,816,456	98,282,085
Percent of AGA Revised	71.6	68.9	67.2	64.6	63.6	60.8	56.1	55.6
<u>PRODUCTION</u>								
AGA - Total (Lower 48 States) <u>1/</u> <u>4/</u>	20,893,470	21,815,604	21,922,927	22,365,162	22,474,591	21,174,540	19,563,247	19,318,251
AGA - Revised Total <u>2/</u> <u>4/</u>	20,193,515	21,138,154	21,300,415	21,720,350	21,944,189	20,738,945	19,124,152	18,876,801
Form 15 - Major Companies <u>3/</u>	13,120,269	13,790,841	13,914,403	13,891,093	13,402,126	12,706,198	11,728,308	11,137,197
Percent of AGA Revised	64.9	65.2	65.3	63.9	61.1	61.2	61.3	59.0
Form 15 - All Companies	13,433,368	14,091,783	14,205,090	14,206,938	13,680,383	12,965,050	11,991,748	11,388,608
Percent of AGA Revised	66.5	66.7	66.6	65.4	62.3	62.5	62.7	60.3
<u>TOTAL AGA <u>1/</u> LESS TOTAL FORM 15</u>								
Reserves	82,297,422	86,059,912	86,098,889	87,723,756	83,990,308	84,723,293	89,332,971	85,814,437
Production	7,433,877	8,024,904	7,646,660	8,386,103	8,453,251	8,329,774	7,571,590	7,929,643
<u>R/P RATIOS</u>								
	Total U.S. <u>1/</u> <u>AGA</u>	Revised Total <u>2/</u>		Major Co's. <u>3/</u> <u>Form 15</u>		All Co's.		
1969	12.9	13.0		14.0		14.0		
1970	11.7	11.7		12.3		12.3		
1971	11.3	11.3		11.4		11.4		
1972	10.4	10.3		10.4		10.3		
1973	9.9	9.8		9.8		9.8		
1974	9.6	9.5		9.3		9.3		
1975	10.0	9.9		8.9		8.9		
1976	9.5	9.4		8.7		8.6		

1/ Excludes Alaska.

2/ AGA Revised total excludes states of California, Illinois, Indiana and Michigan for comparison with Form 15 data.
Reserves located in these states are not reported in Form 15.

3/ Pipeline companies whose in-the-ground reserves, company owned and contracted from Independent Producers, were in excess of 900 million Mcf (900 billion cubic feet) at the inception of the Form 15 reports or date of first filing of the report.

4/ Preliminary net production.

PART III

IMPORTS AND EXPORTS

PIPELINE IMPORTS AND EXPORTS

Nine pipeline companies imported natural gas into the United States from Canada during 1976. There were no imports from Mexico. The remaining gas supply available under the existing contracts and the annual imports of the six interstate companies which file Form 15 are shown below. The six companies accounted for approximately 95 percent of total pipeline imports in 1976.

<u>Importing Company</u>	<u>Contracted Gas Supply</u>	
	<u>1975</u>	<u>1976</u>
	(Thousand Mcf at 14.73 Psia @ 60°F.)	
From Canada		
Great Lakes Transmission Co.	1,842,304	1,721,304
Inter-City Minnesota P.L., Ltd.	162,741	155,037
Michigan Wisconsin Pipe Line Co.	365,000	365,000
Midwestern Gas Transmission Co.	1,492,510	1,373,297
Northwest Pipeline Corp.	4,032,126	3,616,420
Pacific Gas Transmission Co.	<u>4,696,373</u>	<u>4,303,910</u>
Total: Canada	12,591,054	11,534,968

	<u>Annual Imports</u>	
	<u>1975</u>	<u>1976</u>
From Canada		
Great Lakes Transmission Co.	108,607	109,537
Inter-City Minnesota P.L., Ltd.	7,206	7,704
Michigan Wisconsin Pipe Line Co.	18,250	18,300
Midwestern Gas Transmission Co.	118,297	119,315
Northwest Pipeline Corp.	262,444	260,974
Pacific Gas Transmission Co.	380,232	392,463
Total: Canada	895,036	908,295

Natural Gas is exported from the United States to Canada and Mexico by six companies, only two of which are required to file Form 15 reports. The annual exports of these two companies are shown below. The volumes of gas exported in 1976 by the two companies represents approximately 61 percent of total natural gas exports by pipelines for that year.

Annual Exports 1/
1975 1976
 (Thousand Mcf at 14.73 Psia @ 60°F.)

Exporting Company

To Canada

Panhandle Eastern Pipeline Co.	10,153	7,461
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To Mexico

El Paso Natural Gas Co.	<u>3,223</u>	<u>1,665</u>
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Total	13,376	9,126
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1/. Source Form 14 reports.

PART IV

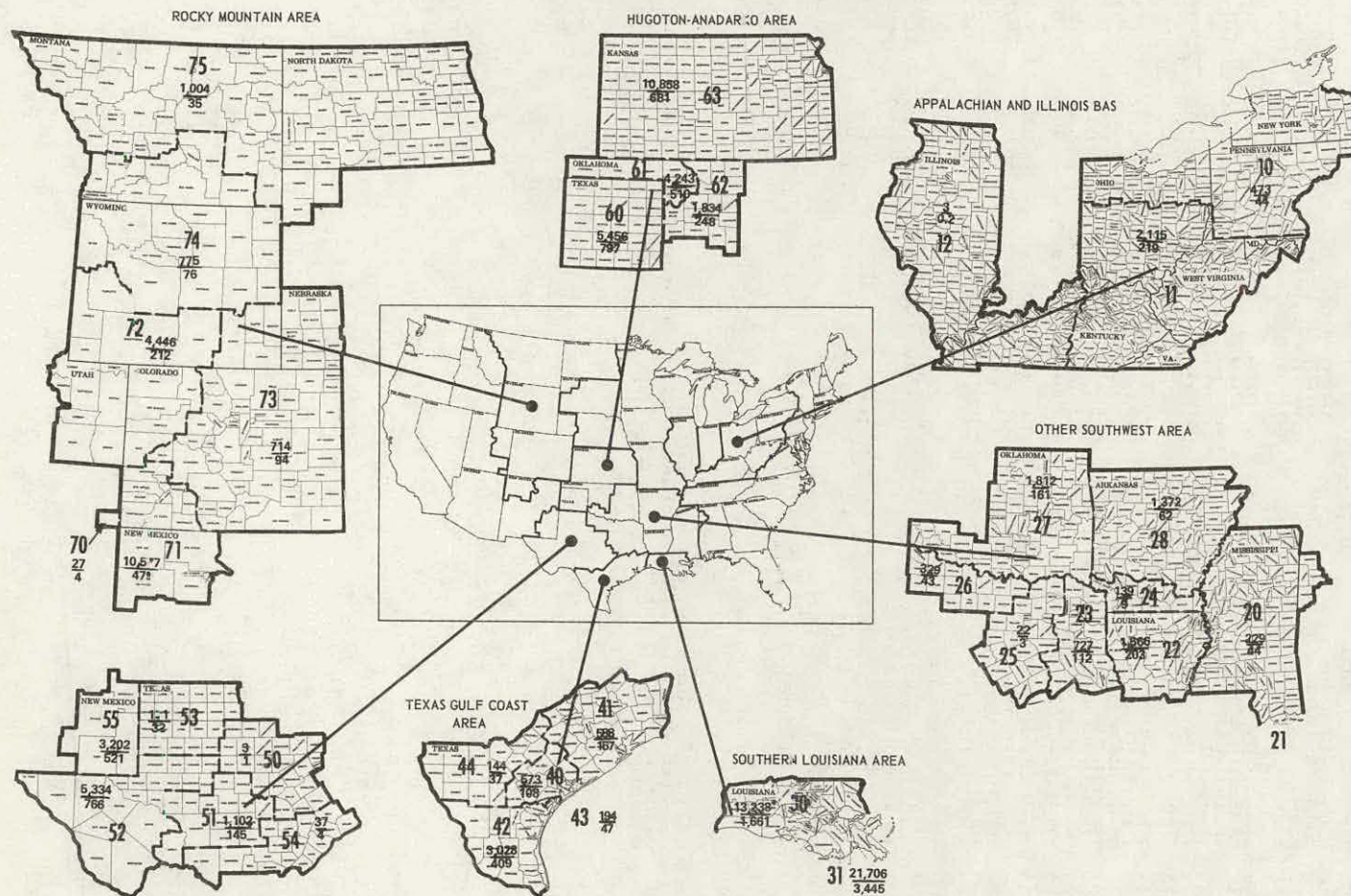
REGIONAL DISTRIBUTION OF DOMESTIC GAS RESERVES

Interstate Pipeline Companies

By FERC Gas Area 1/
By State

1/ See Appendix C for a listing and geographical description of the gas areas.

DEDICATED GAS RESERVES AND PRODUCTION BY FERC GAS AREAS
ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(Million Mcf at 14.73 Psia @ 60°F)



CODE	SUB-AREA NAME
10	APPALACHIAN BASIN - North Sub-area
11	APPALACHIAN BASIN - South Sub-area
12	ILLINOIS BASIN
20	MISSISSIPPI - ALABAMA
21	FEDERAL DOMAIN (Offshore Mississippi)
22	NORTHERN LOUISIANA
23	TEXAS RAILROAD COMM. D ST. 6
24	SOUTHERN ARKANSAS
25	TEXAS RAILROAD COMM. D ST. 5
26	TEXAS RAILROAD COMM. DIST. 9
27	OTHER OKLAHOMA
28	NORTHERN ARKANSAS
30	SOUTHERN LOUISIANA - Offshore
31	SOUTHERN LOUISIANA - Offshore
40	TEXAS RAILROAD COMM. DIST. 2
42	TEXAS RAILROAD COMM. DIST. 4
43	TEXAS - Offshore
44	TEXAS RAILROAD COMM. DIST. 1 - South
50	TEXAS RAILROAD COMM. DIST. 7-B
51	TEXAS RAILROAD COMM. DIST. 7-C
52	TEXAS RAILROAD COMM. DIST. 8
53	TEXAS RAILROAD COMM. DIST. 8-A
54	TEXAS RAILROAD COMM. DIST. 1 - North
55	SOUTHEASTERN NEW MEXICO
60	TEXAS RAILROAD COMM. DIST. 10
61	OKLAHOMA PANHANDLE
62	OKLAHOMA ANADARKO
63	KANSAS
70	ANETH FIELD
71	SAN JUAN BASIN
72	UNTA-GREEN RIVER BASIN
73	COLORADO-JULESBURG BASIN
74	MONTANA-WYOMING
75	MONTANA-DAKOTA
80	OTHER AREAS (See Note)

LEGEND	
RESERVES	1,619
PRODUCTION	206
Note:	
Area 80 - Alabama	92
Arizona	6
Florida	21
Tennessee	16
	2
	0
Area Volumes not differentiated in reports	68
Total Volumes	26
	98,390
	11,387
* Includes Warranty Contracts	

TABLE: 7

DEDICATED GAS RESERVES, PRODUCTION AND RESERVES BY TYPE OF GAS
BY FERC GAS AREAS
ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
					NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
10	APPALACHIAN BASIN-NORTH SUBAREA		472,697	43,942	408,883	55	63,759
11	APPALACHIAN BASIN-SOUTH SUBAREA		2,114,865	219,359	1,289,573		825,292
12	ILLINOIS BASIN AREA		3,196	344	3,196		
**	APPALACHIAN - ILLINOIS BASIN		2,590,758	263,645	1,701,652	55	889,051
20	MISSISSIPPI - ALABAMA		229,333	43,614	214,407	4,121	10,805
22	NORTHERN LOUISIANA		1,565,816	203,011	1,382,363	99,366	84,087
23	TEXAS RAILROAD DISTRICT NO. 6		727,440	111,684	690,091	21,444	15,905
24	SOUTHERN ARKANSAS		138,600	7,063	12,904	125,696	
25	TEXAS RAILROAD DISTRICT NO. 5		22,087	2,662	106	21,981	
26	TEXAS RAILROAD DISTRICT NO. 9		328,703	43,125	293,288	31,486	3,929
27	OTHER OKLAHOMA		1,812,039	160,973	1,437,853	269,691	104,495
28	NORTHERN ARKANSAS		1,372,034	61,743	1,372,034		
**	OTHER SOUTHWEST		6,196,052	635,875	5,403,046	573,785	219,221
30	SOUTHERN LOUISIANA UNSHORE		10,426,769	1,521,282	7,897,624	2,256,417	272,728
	SOUTHERN LOUISIANA WARRANTY	/2	2,811,391	139,363			2,811,391
31	SOUTHERN LOUISIANA OFFSHORE	/1	21,706,337	3,445,144	16,193,496	2,946,860	2,565,981
**	SOUTHERN LOUISIANA		34,944,497	5,105,789	24,091,120	5,203,277	5,650,100
40	TEXAS RAILROAD DISTRICT NO. 2		573,164	108,258	340,672	231,059	1,433
41	TEXAS RAILROAD DISTRICT NO. 3		587,611	127,097	329,175	80,362	178,074
42	TEXAS RAILROAD DISTRICT NO. 4		3,028,432	409,282	1,640,486	977,509	410,437
43	TEXAS-OFFSHORE		193,770	47,134	16,629		177,141
44	TEXAS RAILROAD DIST. #1 (SOUTH)		143,572	36,617	124,650	18,922	
**	TEXAS GULF COAST		4,526,549	728,388	2,451,612	1,307,852	767,085
50	TEXAS RAILROAD DISTRICT NO. 7B		3,341	961	41		3,300
51	TEXAS RAILROAD DISTRICT NO. 7C		1,001,709	145,466	812,035	81,885	107,789
52	TEXAS RAILROAD DISTRICT NO. 8		5,333,500	766,259	3,587,963	288,477	1,457,060
53	TEXAS RAILROAD DISTRICT NO. 8A		130,967	31,965	7,065	28,134	95,768
54	TEXAS RAILROAD DIST. #1 (NORTH)		37,043	3,738	37,043		
55	NEW MEXICO PERMIAN BASIN		3,201,928	520,913	1,638,860	514,049	1,049,019
**	PERMIAN BASIN		9,708,488	1,469,302	6,083,007	912,545	2,712,936
60	TEXAS RAILROAD DISTRICT NO. 10		3,456,164	797,323	3,935,815	150,514	1,369,835
61	OKLAHOMA PANHANDLE		4,243,419	510,366	3,951,252	218,573	73,594
62	OKLAHOMA ANADARKO		1,834,107	248,303	1,348,296	128,218	357,593
63	KANSAS		10,858,348	680,998	10,796,804	41,346	20,198
**	HUGOTON - ANADARKO		22,392,038	2,236,990	20,032,167	538,651	1,821,220
70	ANETH FIELD AREA UTAH		27,400	3,642			27,400
71	SAN JUAN BASIN		10,576,852	479,255	10,054,448	7,064	515,340
72	UINTAH GREEN RIVER BASIN		4,445,683	211,816	4,113,604	112,361	219,718
73	COLORADO JULESBERG BASIN		713,756	93,720	583,304	49,905	80,547
74	MONTANA WYOMING		775,305	76,353	559,949	92,278	123,078
75	MONTANA DAKOTA		1,004,049	35,434	771,329	70,204	162,516
**	ROCKY MOUNTAIN		17,543,045	900,220	16,082,634	331,812	1,128,599
80	OTHER AREAS		312,271	21,936	94,931	217,340	
98	UNDIFFERENTIATED	/3	68,387	26,463			68,387
TOTAL ALL COMPANIES			98,282,085	11,388,608	75,940,169	9,085,317	13,256,599

/1 RESERVES LOCATED IN BOTH STATE AND FEDERAL DOMAIN.

/2 WARRANTY RESERVES ARE RESERVES GUARANTEED BY CONTRACT BUT NOT SUPPORTED BY THE DEDICATION OF SPECIFIC PROVED SOURCES OF SUPPLY.

/3 RESERVES AND PRODUCTION NOT SEPARABLE BY FERC GAS AREAS.

TABLE: B

1975-1976 DEDICATED GAS RESERVES, PRODUCTION AND PURCHASES
BY FERC GAS AREAS

(THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

FERC PRODUCTION AREA	LOCATION	YEAR END GAS RESERVES			ANNUAL PRODUCTION AND PURCHASES		
		1975	1976	INCREASE OR DECREASE	1975	1976	INCREASE OR DECREASE
10	APPALACHIAN BASIN-NORTH SUBAREA	464,897	472,697	7,800	44,674	43,942	732-
11	APPALACHIAN BASIN-SOUTH SUBAREA	2,062,183	2,114,865	52,682	220,371	219,359	1,012-
12	ILLINOIS BASIN AREA	2,776	3,196	420	464	344	120-
*	APPALACHIAN - ILLINOIS BASIN	2,525,856	2,590,758	60,902	265,509	263,645	1,864-
23	MISSISSIPPI - ALABAMA	272,866	229,333	43,533-	44,979	43,614	1,365-
22	NORTHERN LOUISIANA	1,524,887	1,565,816	40,929	215,244	203,011	12,233-
23	TEXAS RAILROAD DISTRICT NO. 6	830,569	727,440	103,129-	120,993	111,684	9,309-
24	SOUTHERN ARKANSAS	14,622	138,600	3,022-	10,709	9,063	1,646-
25	TEXAS RAILROAD DISTRICT NO. 5	24,355	22,087	2,268-	3,468	2,662	806-
26	TEXAS RAILROAD DISTRICT NO. 9	367,565	328,703	38,862-	47,085	43,125	3,960-
27	UTHER OKLAHOMA	2,001,189	1,812,039	189,150-	170,618	160,973	9,645-
28	NORTHERN ARKANSAS	1,405,220	1,372,034	33,186-	65,378	61,743	3,635-
*	OTHER SOUTHWEST	6,569,273	6,196,052	372,221-	678,474	635,875	42,599-
33	SOUTHERN LOUISIANA GNSHORE	13,026,568	10,426,769	2,599,799-	1,793,449	1,521,282	272,167-
30	SOUTHERN LOUISIANA						
-	WARRANTY CONTRACTS 1/	3,270,908	2,811,391	459,517-	157,458	139,363	18,095-
31	SOUTHERN LOUISIANA OFFSHORE	22,626,872	21,706,337	920,535-	3,311,562	3,445,144	133,582
*	SOUTHERN LOUISIANA	38,924,348	34,944,497	3,979,851-	5,262,469	5,105,789	156,680-
40	TEXAS RAILROAD DISTRICT NO. 2	677,575	573,164	104,411-	119,093	108,258	10,835-
41	TEXAS RAILROAD DISTRICT NO. 3	767,343	587,611	179,732-	133,799	127,097	6,702-
42	TEXAS RAILROAD DISTRICT NO. 4	3,637,838	3,028,432	609,406-	478,111	409,282	68,829-
-	WARRANTY CONTRACTS 1/	537	0	537-	1,505	0	1,505-
43	TEXAS-OFFSHORE	227,072	193,770	33,302-	53,158	47,134	6,024-
44	TEXAS RAILROAD DIST. #1 (SOUTH)	145,024	143,572	1,452-	37,210	36,617	593-
*	TEXAS GULF COAST	5,455,389	4,526,549	928,840-	822,876	728,388	94,488-
50	TEXAS RAILROAD DISTRICT NO. 7B	4,301	3,341	960-	1,056	961	95-
51	TEXAS RAILROAD DISTRICT NO. 7C	1,263,312	1,001,709	261,603-	157,871	145,466	12,405-
52	TEXAS RAILROAD DISTRICT NO. 8	6,098,158	5,333,500	764,658-	894,125	766,259	127,866-
53	TEXAS RAILROAD DISTRICT NO. 8A	171,171	130,967	40,204-	36,097	31,965	4,132-
54	TEXAS RAILROAD DIST. #1 (NORTH)	41,021	37,043	3,978-	4,142	3,738	404-
55	NEW MEXICO PERMIAN BASIN	4,052,756	3,201,928	850,828-	556,426	520,913	35,513-
*	PERMIAN BASIN	11,630,719	9,708,488	1,922,231-	1,649,717	1,469,302	180,415-
60	TEXAS RAILROAD DISTRICT NO. 10	6,104,396	5,456,164	648,232-	872,778	797,323	75,455-
61	OKLAHOMA PANHANDLE	4,696,338	4,243,419	452,919-	561,658	510,366	51,292-
62	OKLAHOMA ANADARKO	1,812,723	1,834,107	21,384	260,212	248,303	11,909-
63	KANSAS	11,062,302	10,858,348	203,954-	690,792	680,998	9,794-
*	HJGOTON - ANADARKO	23,675,759	22,392,038	1,283,721-	2,385,440	2,236,990	148,450-
70	ANETH FIELD AREA UTAH	26,111	27,400	1,289	3,489	3,642	153
71	SAN JUAN BASIN	10,425,540	10,576,852	151,312	447,040	479,255	32,215
72	UTAH GREEN RIVER BASIN	4,671,422	4,445,683	225,739-	219,474	211,816	7,658-
73	COLORADO JULESBERG BASIN	723,544	713,756	9,788-	78,386	93,720	15,334
74	MONTANA WYOMING	760,008	775,305	15,297	82,663	76,353	6,310-
75	MONTANA DAKOTA	1,031,729	1,004,049	27,680-	25,772	35,434	338-
*	ROCKY MOUNTAIN	17,650,554	17,543,045	95,309-	866,824	900,220	33,396
80	UTHER AREAS	331,122	312,271	18,851-	25,966	21,936	4,030-
98	UNDIFFERENTIATED 2/	62,636	68,387	5,751	34,473	26,463	8,010-
**	TOTAL ALL COMPANIES	106,816,456	98,282,085	8,534,371-	11,991,748	11,388,608	603,140-

1/ WARRANTY CONTRACTS REPRESENT GAS RESERVES GUARANTEED BY CONTRACT BUT NOT SUPPORTED BY THE DEDICATION OF SPECIFIC PROVED SOURCES OF SUPPLY.

2/ RESERVES AND VOLUMES OF GAS PRODUCED AND PURCHASED NOT SEPARABLE BY FERC GAS AREAS.

TABLE: 2

DEDICATED GAS RESERVES, PRODUCTION AND RESERVES BY TYPE OF GAS
 BY FERC GAS AREAS
 ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
 (THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
					NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
APPALACHIAN - ILLINOIS BASIN							
10	APPALACHIAN BASIN-NORTH SUBAREA						
	*BLACKSVILLE OIL AND GAS CO		122	6			122
	*CARNEGIE NATURAL GAS CO		15,352	1,865	15,352		
	*COLUMBIA GAS TRANS CORP		74,266	13,144	10,574	55	63,637
	*CONSOLIDATED G SUPPLY CORP		147,861	17,373	147,861		
	*EQUITABLE GAS CO		55,809	3,774	55,809		
	*NATIONAL FUELS CORP		179,287	7,780	179,287		
	AREA TOTAL		472,697	43,942	408,883	55	63,759
11	APPALACHIAN BASIN-SOUTH SUBAREA						
	*BLACKSVILLE OIL AND GAS CO		32	2			32
	*CARNEGIE NATURAL GAS CO		45,209	3,660	45,209		
	*COLUMBIA GAS TRANS CORP		823,358	103,594	21,090		802,268
	*CONSOLIDATED G SUPPLY CORP		811,656	69,380	811,656		
	*EQUITABLE GAS CO		197,050	11,202	197,050		
	*GAS TRANSPORT INC		32	32			32
	*INLAND GAS CO INC		22,960	2,102			22,960
	*KENTUCKY WEST VA GAS CO		214,568	29,387	214,568		
	AREA TOTAL		2,114,865	219,359	1,289,573		825,292
12	ILLINOIS BASIN AREA						
	**PANHANDLE EASTERN P L CO			131			
	**TEXAS GAS TRANSMISSION CORP		3,196	213	3,196		
	AREA TOTAL		3,196	344	3,196		
APPALACHIAN - ILLINOIS BASIN							
	*BLACKSVILLE OIL AND GAS CO		154	8			154
	*CARNEGIE NATURAL GAS CO		60,561	5,525	60,561		
	*COLUMBIA GAS TRANS CORP		897,624	116,738	31,664	55	865,905
	*CONSOLIDATED G SUPPLY CORP		959,517	86,753	959,517		
	*EQUITABLE GAS CO		252,859	14,976	252,859		
	*GAS TRANSPORT INC		32	32			32
	*INLAND GAS CO INC		22,960	2,102			22,960
	*KENTUCKY WEST VA GAS CO		214,568	29,387	214,568		
	*NATIONAL FUELS CORP		179,287	7,780	179,287		
	**PANHANDLE EASTERN P L CO			131			
	**TEXAS GAS TRANSMISSION CORP		3,196	213	3,196		
	AREA TOTAL		2,590,758	263,645	1,701,652	55	889,051
OTHER SOUTHWEST							
20	MISSISSIPPI - ALABAMA						
	*CROWN-ZELLERBACH CORP		9,124	4,641			9,124
	*FLORIDA GAS TRANS CO		46	29	46		
	*SOUTHERN NATURAL GAS CO		181,871	27,291	180,190		1,681
	*TENNESSEE G PL DIV TENNECO		1,746	698	1,746		
	*TEXAS EASTERN TRANS CORP		670	613	670		
	*TRANSCONTINENTAL G P L CORP		3,793	528	2,470	1,323	
	*UNITED GAS PIPE LINE CO		32,083	9,814	29,285	2,798	
	AREA TOTAL		229,333	43,614	214,407	4,121	10,805
22	NORTHERN LOUISIANA						
	**ARKANSAS LOUISIANA GAS CO		647,876	48,354	625,524	17,953	4,419
	*COLUMBIA GAS TRANS CORP		47	42			47
	*CONSOLIDATED G SUPPLY CORP		1,293	391	1,293		
	*GEORGIA PACIFIC CORP		3,319	1,459			3,319
	*HORMER AND SMITH		1,353	1,708			1,353
	*INTERNATIONAL PAPER CO		40,931	730			40,931
	*LOUISIANA NEVADA TRANSIT CO		56,191	4,875		56,191	
	*MICHIGAN WIS PIPE LINE CO		30,467	1,726	10,629		19,838
	*MID-LOUISIANA GAS CO		85,521	17,194	83,332	1,759	430
	*MISS RIVER TRANS CORP		42,866	5,773	42,866		
	*SOUTHERN NATURAL GAS CO		120,616	27,975	117,411	3,205	
	*TENNESSEE G PL DIV TENNECO		29,020	915	25,261	3,759	
	*TEXAS EASTERN TRANS CORP		101,541	27,036	73,523	15,751	12,287
	*TEXAS GAS TRANSMISSION CORP		113,800	20,510	113,800		
	*TRANSCONTINENTAL G P L CORP			61			
	*UNITED GAS PIPE LINE CO		289,472	43,670	288,724	748	
	*VALLEY GAS TRANS INC		1,463	552			1,463
	AREA TOTAL		1,565,816	203,011	1,382,363	99,366	84,087
23	TEXAS RAILROAD DISTRICT NO. 6						
	**ARKANSAS LOUISIANA GAS CO		322,207	26,455	305,597	1,124	15,486
	*COLUMBIA GAS TRANS CORP		409				409
	*MISS RIVER TRANS CORP		6,291	1,467	6,291		
	*NATURAL GAS P L CO OF AMER		91,500	4,281	90,697	853	10
	*SOUTHERN NATURAL GAS CO		22,458	6,338	22,458		
	*TENNESSEE G PL DIV TENNECO		98,175	16,188	98,175		
	*TEXAS EASTERN TRANS CORP		17,414	6,628	15,087	2,327	
	*TEXAS GAS TRANSMISSION CORP		30,946	6,543	30,946		
	*UNITED GAS PIPE LINE CO		137,780	43,784	120,840	17,140	
	AREA TOTAL		727,440	111,684	690,091	21,444	15,905
24	SOUTHERN ARKANSAS						
	**ARKANSAS LOUISIANA GAS CO		77,744	4,932	9,505	68,244	
	*LOUISIANA NEVADA TRANSIT CO		30,966			30,966	
	*NATURAL GAS P L CO OF AMER		1,482	742		1,482	
	*TEXAS GAS TRANSMISSION CORP		28,403	3,389	3,399	25,004	
	AREA TOTAL		138,603	9,063	12,904	125,696	

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.
 ** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FORM-15 REPORT OR DATE OF FIRST FILING.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	1976 YEAR-END		---YEAR-END RESERVES BY TYPE OF GAS---		
			GAS RESERVES	PRODUCTION	NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
25 TEXAS RAILROAD DISTRICT NO. 3							
		**UNITED GAS PIPE LINE CO	22,087	2,662	106	21,981	
		AREA TOTAL	22,087	2,662	106	21,981	
26 TEXAS RAILROAD DISTRICT NO. 9							
		*LCNE STAR GAS CO	18,311	2,799	2,513	11,869	3,929
		**NATURAL GAS P L CO OF AMER	310,392	40,326	290,775	19,617	
		AREA TOTAL	328,703	43,125	293,288	31,486	3,929
27 OTHER OKLAHOMA							
		**ARKANSAS LOUISIANA GAS CO	1,389,648	108,240	1,389,648		
		*ARKANSAS OKLAHOMA GAS CO	18,424	1,093		18,424	
		*CIMARRON TRANSMISSION CO	44,171	8,898	5,976	37,100	1,095
		**CITIES SERVICE GAS CO	76,777	10,363	8,573	7,687	60,517
		**EL PASO NATURAL GAS CO	6,700	700			6,700
		*LONE STAR GAS CO	270,061	30,746	33,656	221,906	14,499
		**NATURAL GAS P L CO OF AMER	2,998	281		2,998	
		*UNION GAS SYSTEM INC	3,260	652			3,260
		AREA TOTAL	1,812,039	160,973	1,437,853	269,691	104,495
28 NORTHERN ARKANSAS							
		**ARKANSAS LOUISIANA GAS CO	1,372,034	61,743	1,372,034		
		AREA TOTAL	1,372,034	61,743	1,372,034		
OTHER SOUTHWEST							
		**ARKANSAS LOUISIANA GAS CO	1,809,536	240,764	3,702,300	67,321	19,935
		*ARKANSAS OKLAHOMA GAS CO	18,424	1,093		18,424	
		*CIMARRON TRANSMISSION CO	44,171	8,898	5,976	37,100	1,095
		**CITIES SERVICE GAS CO	76,777	10,363	8,573	7,687	60,517
		*COLUMBIA GAS TRANS CORP	456	42			456
		**CONSOLIDATED G SUPPLY CORP	1,293	391	1,293		
		*CROWN-ZELLERBACH CORP	9,124	4,641			9,124
		**EL PASO NATURAL GAS CO	6,700	700			6,700
		*FLORIDA GAS TRANS CO	46	29			
		*GEORGIA PACIFIC CORP	3,319	1,459			3,319
		*HURMER AND SMITH	1,353	1,708			1,353
		*INTERNATIONAL PAPER CO	40,931	730			40,931
		*LCNE STAR GAS CO	238,372	33,545	36,169	233,775	18,428
		*LOUISIANA NEVADA TRANSIT C	87,157	4,875		87,157	
		**MICHIGAN WIS PIPE LINE CO	30,467	1,726	10,629		19,838
		*MID-LOUISIANA GAS CO	85,521	17,194	83,332	1,759	430
		*MISS RIVER TRANS CORP	49,157	7,240	49,157		
		**NATURAL GAS P L CO OF AMER	406,432	45,630	381,472	24,950	10
		**SOUTHERN NATURAL GAS CO	324,943	61,604	320,059	3,205	1,631
		*TENNESSEE G PL DIV TENNECO	128,941	17,801	125,182	3,759	
		*TEXAS EASTERN TRANS CORP	119,645	34,277	89,280	18,078	12,287
		*TEXAS GAS TRANSMISSION COR	173,149	30,442	148,145	25,004	
		*TRANSCONTINENTAL G P L CORP	3,793	589	2,470	1,323	
		*UNION GAS SYSTEM INC	3,260	652			3,260
		**UNITED GAS PIPE LINE CO	481,622	99,930	434,955	42,667	
		*VALLEY GAS TRANS INC	1,463	552			1,463
		AREA TOTAL	5,196,052	635,875	5,403,046	573,785	219,221
SOUTHERN LOUISIANA							
30 SOUTHERN LOUISIANA UNSHORE							
		**COLUMBIA GAS TRANS CORP	1,912,033	275,538	1,631,374	200,276	80,383
		*COLUMBIA GULF TRANS CO	56,846	5,493	56,846		
		**FLORIDA GAS TRANS CO	59,618	17,033	40,562	13,033	23
		*MICHIGAN WIS PIPE LINE CO	834,647	87,659	740,251	91,331	3,065
		*MID-LOUISIANA GAS CO	5,138	998	4,573	565	
		**NATURAL GAS P L CO OF AMER	44,402	8,214	44,402		
		**SOUTHERN NATURAL GAS CO	897,704	164,375	635,275	262,429	
		*TENNESSEE G PL DIV TENNECO	1,989,596	180,272	1,005,372	836,024	148,270
		*TEXAS EASTERN TRANS CORP	224,787	38,309	188,376	82,362	34,049
		*TEXAS GAS TRANSMISSION CORP	1,446,489	190,908	1,408,445	39,978	76
		*TRANSCONTINENTAL G P L CORP	687,289	67,772	444,537	242,752	
		*TRUNKLINE GAS CO	324,126	58,736	278,709	45,417	
		**UNITED GAS PIPE LINE CO	1,917,152	429,624	1,494,902	442,250	
		*VALLEY GAS TRANS INC	6,932	1,351			6,932
		AREA TOTAL	10,426,769	1,521,282	7,897,624	2,256,417	272,728
SOUTHERN LOUISIANA WARRANTY	/2						
		**FLORIDA GAS TRANS CO	301,276	4,297			301,206
		*TEXAS EASTERN TRANS CORP	2,510,185	135,066			2,510,185
		AREA TOTAL	2,811,391	139,363			2,811,391
31 SOUTHERN LOUISIANA OFFSHORE	/1						
		**ARKANSAS LOUISIANA GAS CO	97,350		97,350		
		*COLUMBIA GAS TRANS CORP	1,143,360	193,297	903,084	225,964	14,312
		**CONSOLIDATED G SUPPLY CORP	122,971	31,158	114,280	3,691	
		*FLORIDA GAS TRANS CO	46,796	9,134	46,796		
		*MICHIGAN WIS PIPE LINE CO	2,855,443	350,358	2,512,933	338,936	3,374
		*MID-LOUISIANA GAS CO	21,607				21,607
		**NATURAL GAS P L CO OF AMER	2,491,492	314,461	1,494,218		997,274
		*NORTHERN NATURAL GAS CO		517			
		*SFA ROBIN PIPELINE COMPANY	574,344	251,340	364,109	125,835	84,400
		*SOUTHERN NATURAL GAS CO	1,236,011	217,125	816,155	419,856	
		*TENNESSEE G PL DIV TENNECO	5,710,872	816,247	4,222,377	1,166,639	321,856
		*TEXAS EASTERN TRANS CORP	957,585	214,757	919,738	37,847	
		*TEXAS GAS TRANSMISSION COR	1,508,503	237,135	1,468,564	39,939	
		*TRANSCONTINENTAL G P L CORP	3,198,013	471,872	1,703,681	371,374	1,122,958
		*TRUNKLINE GAS CO	1,387,565	244,633	1,340,354	47,231	
		**UNITED GAS PIPE LINE CO	354,405	92,610	139,857	164,548	
		AREA TOTAL	21,706,337	3,445,144	16,193,496	2,946,860	2,565,981

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.
 ** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FORM-15 REPORT OR DATE OF FIRST FILING.
 /1 RESERVES LOCATED IN BOTH STATE AND FEDERAL DOMAIN.
 /2 WARRANTY RESERVES ARE RESERVES GUARANTEED BY CONTRACT BUT NOT SUPPORTED BY THE DEDICATION OF SPECIFIC PROVED SOURCES OF SUPPLY.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	1976	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
			YEAR-END GAS RESERVES		NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
SOUTHERN LOUISIANA							
		**ARKANSAS LOUISIANA GAS CO	97,350		97,350		
		**COLUMBIA GAS TRANS CORP	3,055,393	468,835	2,534,458	426,240	94,695
		*COLUMBIA GULF TRANS CO	56,846	5,493	56,846		
		**CONSOLIDATED G SUPPLY CORP	122,971	31,158	114,280	8,691	
		**FLORIDA GAS TRANS CO	407,620	30,464	93,358	13,033	301,229
		**MICHIGAN WIS PIPE LINE CO	3,690,390	438,517	3,253,184	430,267	6,639
		**MID-LOUISIANA GAS CO	26,745	998	4,573	565	21,607
		**NATURAL GAS P L CO OF AMER	2,535,894	322,675	1,538,620		997,274
		**NORTHERN NATURAL GAS CO		517			
		**SEA ROBIN PIPELINE COMPANY	574,344	251,340	364,109	125,835	84,400
		**SOUTHERN NATURAL GAS CO	2,133,715	381,500	1,451,430	682,285	
		**TENNESSEE G PL DIV TENNECO	7,700,468	996,519	5,227,749	2,002,663	470,056
		**TEXAS EASTERN TRANS CORP	3,692,557	388,132	1,028,114	120,209	2,544,234
		**TEXAS GAS TRANSMISSION COR	2,955,002	428,043	2,875,009	79,917	75
		**TRANSCONTINENTAL G P L COR	3,885,302	539,644	2,148,218	614,126	1,122,958
		**TRUNKLINE GAS CO	1,711,711	303,369	1,619,063	92,648	
		**UNITED GAS PIPE LINE CO	2,291,557	517,234	1,684,759	606,198	
		*VALLEY GAS TRANS INC	6,932	1,351			6,932
	AREA TOTAL		34,944,497	5,105,789	24,091,120	5,203,277	5,650,130
TEXAS GULF COAST							
40 TEXAS RAILROAD DISTRICT NO. 2							
		**ARKANSAS LOUISIANA GAS CO	472	124	472		
		**FLORIDA GAS TRANS CO	1,654	612	1,539	115	
		**NATURAL GAS P L CO OF AMER	47,825	8,038	39,508	7,163	1,154
		*REGIS GAS SYSTEMS INC	279	571			279
		**TENNESSEE G PL DIV TENNECO	179,579	13,054	48,611	130,968	
		**TEXAS EASTERN TRANS CORP	71,912	23,611	47,070	24,842	
		**TRANSCONTINENTAL G P L COR	72,704	14,057	23,368	49,336	
		**TRUNKLINE GAS CO	41,405	8,645	41,405		
		**UNITED GAS PIPE LINE CO	157,334	39,546	138,699	18,635	
	AREA TOTAL		573,164	108,258	340,672	231,059	1,433
41 TEXAS RAILROAD DISTRICT NO. 3							
		**FLORIDA GAS TRANS CO	35,847	6,550	32,971	2,876	
		*NATIONAL FUELS CORP	36,286	18,197			36,286
		**NATURAL GAS P L CO OF AMER	223,451	38,599	127,296	22,240	73,915
		**TENNESSEE G PL DIV TENNECO	145,065	20,643	87,132	31,526	26,437
		**TEXAS EASTERN TRANS CORP	50,836	21,330	14,582	12,328	23,896
		*TEXAS GAS PIPE LINE CORP	17,332	2,751			17,332
		**TRANSCONTINENTAL G P L COR	36,049	6,805	28,310	7,739	
		**TRUNKLINE GAS CO	29,233	6,878	25,824	3,409	
		**UNITED GAS PIPE LINE CO	13,304	5,229	13,060	244	
		*VALLEY GAS TRANS INC	238	115			238
	AREA TOTAL		587,611	127,097	329,175	80,362	178,074
42 TEXAS RAILROAD DISTRICT NO. 4							
		**COLUMBIA GAS TRANS CORP	55,621				55,621
		**FLORIDA GAS TRANS CO	75,505	13,690	73,811	1,578	116
		**NATURAL GAS P L CO OF AMER	913,307	102,265	570,011	189,724	153,572
		**SOUTH TEX NAT GAS GATH CO	215,284	33,775	214,565	719	
		**TENNESSEE G PL DIV TENNECO	1,141,949	132,535	430,706	587,559	123,684
		**TEXAS EASTERN TRANS CORP	67,517	23,070	59,077	8,440	
		**TRANSCONTINENTAL G P L COR	156,897	35,608	28,347	61,883	66,667
		**TRUNKLINE GAS CO	204,366	42,238	113,624	90,742	
		**UNITED GAS PIPE LINE CO	187,219	23,413	150,345	36,864	10
		*VALLEY GAS TRANS INC	10,767	2,688			10,767
	AREA TOTAL		3,028,432	409,282	1,640,486	977,509	410,437
43 TEXAS-OFFSHORE							
		**NATURAL GAS P L CO OF AMER	44,072	12,248	8,769		35,303
		**TEXAS EASTERN TRANS CORP	7,860	1,707	7,860		
		**TRANSCONTINENTAL G P L COR	141,838	33,179			141,838
	AREA TOTAL		193,770	47,134	16,629		177,141
44 TEXAS RAILROAD DIST. #1 (SOUTH)							
		**NATURAL GAS P L CO OF AMER	41,619	11,553	41,619		
		**TENNESSEE G PL DIV TENNECO	5,139	473	5,139		
		**TEXAS EASTERN TRANS CORP	3,428	1,893	2,778	650	
		**TRANSCONTINENTAL G P L COR	93,386	22,698	75,114	18,272	
	AREA TOTAL		143,572	36,617	124,650	18,922	
TEXAS GULF COAST							
		**ARKANSAS LOUISIANA GAS CO	472	124	472		
		**COLUMBIA GAS TRANS CORP	55,621				55,621
		**FLORIDA GAS TRANS CO	113,306	20,852	108,321	4,569	116
		*NATIONAL FUELS CORP	36,286	18,197			36,286
		**NATURAL GAS P L CO OF AMER	1,270,274	172,703	787,203	219,127	263,944
		*REGIS GAS SYSTEMS INC	279	571			279
		**SOUTH TEX NAT GAS GATH CO	215,284	33,775	214,565	719	
		**TENNESSEE G PL DIV TENNECO	1,471,732	166,705	571,588	750,053	150,091
		**TEXAS EASTERN TRANS CORP	201,523	71,611	131,367	46,260	23,896
		*TEXAS GAS PIPE LINE CORP	17,332	2,751			17,332
		**TRANSCONTINENTAL G P L COR	500,874	112,347	155,139	137,230	208,505
		**TRUNKLINE GAS CO	275,004	57,761	140,853	94,151	
		**UNITED GAS PIPE LINE CO	357,857	68,188	302,104	55,743	10
		*VALLEY GAS TRANS INC	11,005	2,803			11,005
	AREA TOTAL		4,526,549	728,388	2,451,612	1,307,852	767,085
PERMIAN BASIN							
50 TEXAS RAILROAD DISTRICT NO. 78							
		**EL PASO NATURAL GAS CO	3,300	900			3,300
		**NATURAL GAS P L CO OF AMER	41	61	41		
	AREA TOTAL		3,341	961	41		3,300

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.
** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FORM-15 REPORT OR DATE OF FIRST FILING.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	1976 YEAR-END		---YEAR-END RESERVES BY TYPE OF GAS---		
			GAS RESERVES	PRODUCTION	NUN- ASSOCIATED	ASSOCIATED AND DISSOLVED UNDESIGNATED	
51	TEXAS RAILROAD DISTRICT NO. 7C						
	**EL PASO NATURAL GAS CO		553,076	94,296	445,287		107,789
	**NATURAL GAS P L CO OF AMER		4,708	168	4,708		
	**NORTHERN NATURAL GAS CO		443,925	51,002	362,040	81,885	
	AREA TOTAL		1,001,709	145,466	812,035	81,885	107,789
52	TEXAS RAILROAD DISTRICT NO. 8						
	**COLUMBIA GAS TRANS CORP		1,633	12			1,633
	**EL PASO NATURAL GAS CO		2,035,540	270,288	1,136,714	13,702	885,124
	**NATURAL GAS P L CO OF AMER		241,906	53,079	241,906		
	**NORTHERN NATURAL GAS CO		1,722,685	216,148	1,469,885	252,000	
	**PACIFIC GAS TRANSMISSION C		9,510	728			9,510
	**TRANSWESTERN PIPELINE CO		1,131,950	141,190	549,182	21,975	560,793
	**WEST TEXAS GATH CO		190,276	84,814	190,276		
	AREA TOTAL		5,333,500	766,259	3,587,963	288,477	1,457,060
53	TEXAS RAILROAD DISTRICT NO. 8A						
	**EL PASO NATURAL GAS CO		117,068	29,114	600	20,700	95,768
	**NORTHERN NATURAL GAS CO		13,899	2,851	6,465	7,434	
	AREA TOTAL		130,967	31,965	7,065	28,134	95,768
54	TEXAS RAILROAD DIST. #1 (NORTH)						
	**EL PASO NATURAL GAS CO		6,503	1,357	6,503		
	**NORTHERN NATURAL GAS CO		30,540	2,381	30,540		
	AREA TOTAL		37,043	3,738	37,043		
55	NEW MEXICO PERMIAN BASIN						
	**COLO INTERSTATE GAS CO		1,134	847	1,134		
	**EL PASO NATURAL GAS CO		1,653,367	254,292	353,582	400,880	898,905
	**NATURAL GAS P L CO OF AMER		792,275	90,276	759,648	96	32,531
	**NORTHERN NATURAL GAS CO		472,863	103,058	350,557	111,738	10,568
	**PACIFIC GAS TRANSMISSION C		905	196			905
	**TRANSWESTERN PIPELINE CO		270,615	69,579	173,939	1,335	95,341
	**WESTERN GAS INTERSTATE CO		10,769	2,665			10,769
	AREA TOTAL		3,201,928	520,913	1,638,860	514,049	1,049,019
	PERMIAN BASIN						
	**COLO INTERSTATE GAS CO		1,134	847	1,134		
	**COLUMBIA GAS TRANS CORP		1,633	12			1,633
	**EL PASO NATURAL GAS CO		4,368,854	650,247	1,942,686	435,282	1,990,886
	**NATURAL GAS P L CO OF AMER		1,038,930	143,584	1,006,303	96	32,531
	**NORTHERN NATURAL GAS CO		2,683,912	375,440	2,219,487	453,857	10,568
	**PACIFIC GAS TRANSMISSION C		10,415	924			10,415
	**TRANSWESTERN PIPELINE CO		1,402,555	210,769	723,121	23,310	656,134
	**WEST TEXAS GATH CO		190,276	84,814	190,276		
	**WESTERN GAS INTERSTATE CO		10,769	2,665			10,769
	AREA TOTAL		9,708,488	1,469,302	6,083,007	912,545	2,712,936
	HUGOTON - ANADARKO						
60	TEXAS RAILROAD DISTRICT NO. 10						
	**ARKANSAS LOUISIANA GAS CO		94,897	11,679	94,897		
	**CAPROCK PIPELINE CO		26,995	1,123	26,995		
	**CITIES SERVICE GAS CO		373,713	36,233	373,597	82	34
	**COLO INTERSTATE GAS CO		1,103,768	159,086	3,092		1,100,676
	**EL PASO NATURAL GAS CO		433,828	68,445	201,887		231,941
	**KANSAS NEBRASKA NAT GAS CO		146,819	17,490	145,912	907	
	**MICHIGAN WIS PIPE LINE CO		530,631	54,119	530,631		
	**MISS RIVER TRANS CORP		168,612	42,757	168,612		
	**NATURAL GAS P L CO OF AMER		773,298	126,262	695,513	77,785	
	**NORTHERN NATURAL GAS CO		892,897	127,149	855,244	37,369	
	**PACIFIC GAS TRANSMISSION C		1,248	191			1,248
	**PANHANDLE EASTERN P L CO		651,286	99,615	620,714	6,255	24,317
	**TRANSWESTERN PIPELINE CO		258,172	53,174	218,721	28,116	11,335
	AREA TOTAL		5,456,164	797,323	3,935,815	150,514	1,369,835
61	OKLAHOMA PANHANDLE						
	**ARKANSAS LOUISIANA GAS CO		71,195	2,362	71,195		
	**CITIES SERVICE GAS CO		673,141	54,530	658,849		14,292
	**COLO INTERSTATE GAS CO		408,939	57,147	286,455	121,527	957
	**EL PASO NATURAL GAS CO		82,709	7,325	82,709		
	**KANSAS NEBRASKA NAT GAS CO		140,626	20,125	140,626		
	**MICHIGAN WIS PIPE LINE CO		629,145	105,028	627,636	649	860
	**NATURAL GAS P L CO OF AMER		333,612	38,712	326,921	6,691	
	**NORTHERN NATURAL GAS CO		1,022,668	101,085	1,004,422	18,246	
	**PANHANDLE EASTERN P L CO		821,771	111,034	718,035	68,691	35,045
	**TRANSCONTINENTAL G P L COR		2,068				
	**TRANSWESTERN PIPELINE CO		37,173	9,454	34,404	2,769	
	**WESTERN GAS INTERSTATE CO		22,440	1,496			22,440
	AREA TOTAL		4,243,419	510,366	3,951,252	218,573	73,594
62	OKLAHOMA ANADARKO						
	**ARKANSAS LOUISIANA GAS CO		480,712	28,994	460,619	8,926	11,167
	**CITIES SERVICE GAS CO		234,170	34,836	85,431	20,441	128,298
	**COLUMBIA GAS TRANS CORP		1,508				1,508
	**EL PASO NATURAL GAS CO		156,431	29,858	156,431		
	**KANSAS NEBRASKA NAT GAS CO		39,908	4,931	39,908		
	**MICHIGAN WIS PIPE LINE CO		293,155	48,823	290,227	2,906	22
	**MISS RIVER TRANS CORP		5,661		5,661		
	**NATURAL GAS P L CO OF AMER		181,759	16,381	90,424	48,465	52,870
	**NORTHERN NATURAL GAS CO		1,123	17	1,123		
	**OKLAHOMA NAT GAS GATH CORP		69,198	14,604	58		69,140
	**PANHANDLE EASTERN P L CO		364,942	69,718	228,414	47,480	94,088
	**WHEELER GAS CO		500	141			500
	AREA TOTAL		1,834,107	248,303	1,348,296	128,218	357,593

* COMPANIES WITH LESS THAN 400 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.

** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FORM-15 REPORT OR DATE OF FIRST FILING.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	---YEAR-END RESERVES BY TYPE OF GAS---			
			1976 YEAR-END GAS RESERVES	PRODUCTION	NON- ASSOCIATED	ASSOCIATED AND DISSOLVED UNDESIGNATED
63 KANSAS						
		**ARKANSAS LOUISIANA GAS CO	5,069	69	1,924	3,145
		**CITIES SERVICE GAS CO	3,358,734	214,384	3,356,232	2,348 154
		**COLD INTERSTATE GAS CO	950,258	72,660	943,883	6,014 361
		**EL PASO NATURAL GAS CO	196,500	16,900	196,500	
		**KANSAS NEBRASKA NAT GAS CO	1,062,148	58,829	1,061,210	938
		**MICHIGAN WIS PIPE LINE CO	12,713	5,321	1,980	10,733
		**NORTHERN NATURAL GAS CO	3,112,556	190,443	3,095,697	16,859
		**PANHANDLE EASTERN P L CO	2,151,518	121,531	2,139,378	12,042 98
		**ZENITH NATURAL GAS CO	8,852	861		8,852
		AREA TOTAL	10,858,348	680,998	10,796,804	41,346 20,198
HUGOTON - ANADARKO						
		**ARKANSAS LOUISIANA GAS CO	651,873	43,104	628,635	12,071 11,167
		**CAPROCK PIPELINE CO	26,995	1,123	26,995	
		**CITIES SERVICE GAS CO	4,639,758	339,983	4,474,109	22,871 142,778
		**COLD INTERSTATE GAS CO	2,462,965	288,893	1,233,430	127,241 1,101,994
		**COLUMBIA GAS TRANS CORP	1,508			1,508
		**EL PASO NATURAL GAS CO	869,468	122,528	637,527	231,941
		**KANSAS NEBRASKA NAT GAS CO	1,389,501	101,375	1,387,656	1,845
		**MICHIGAN WIS PIPE LINE CO	1,465,644	213,291	1,450,474	3,555 11,615
		**MISS RIVER TRANS CORP	174,273	42,757	174,273	
		**NATURAL GAS P L CO OF AMER	1,288,669	181,355	1,102,858	132,941 52,870
		**NORTHERN NATURAL GAS CO	5,029,244	418,694	4,956,486	72,474 284
		**OKLAHOMA NAT GAS GATH CORP	69,198	14,604	58	69,140
		**PACIFIC GAS TRANSMISSION C	1,248	191		1,248
		**PANHANDLE EASTERN P L CO	3,994,557	401,898	3,706,541	134,468 153,548
		**TRANSCONTINENTAL G P L COR		2,068		
		**TRANSWESTERN PIPELINE CO	295,345	62,628	253,125	30,885 11,335
		**WESTERN GAS INTERSTATE CO	22,440	1,496		22,440
		**WHEELER GAS CO	500	141		500
		**ZENITH NATURAL GAS CO	8,852	861		0,052
		AREA TOTAL	22,392,038	2,236,990	20,032,167	538,651 1,821,220
ROCKY MOUNTAIN						
70 ANETH FIELD AREA UTAH						
		**EL PASO NATURAL GAS CO	27,400	3,642		27,400
		AREA TOTAL	27,400	3,642		27,400
71 SAN JUAN BASIN						
		**EL PASO NATURAL GAS CO	3,670,019	397,053	8,154,679	515,340
		**NORTHWEST PIPELINE CORP	1,906,833	82,202	1,899,769	7,064
		AREA TOTAL	10,576,852	479,255	10,054,448	7,064 515,340
72 UTAH GREEN RIVER BASIN						
		**COLD INTERSTATE GAS CO	803,352	45,741	672,621	35,156 95,575
		**MOUNTAIN FUEL RESOURCES IN	37,659	4,876		37,659
		**MOUNTAIN FUEL SUPPLY CO	1,243,079	95,648	1,153,285	75,420 14,374
		**NORTHWEST PIPELINE CORP	2,350,426	63,829	2,287,698	1,785 60,943
		**WESTERN TRANSMISSION CORP	11,167	1,722		11,167
		AREA TOTAL	4,445,683	211,816	4,113,604	112,361 219,718
73 COLORADO JULESBURG BASIN						
		**COLD INTERSTATE GAS CO	165,366	39,614	104,693	25,899 34,774
		**KANSAS NEBRASKA NAT GAS CO	92,107	6,780	43,662	8,886 39,559
		**NORTHERN NATURAL GAS CO	25,369	3,020	25,369	
		**PANHANDLE EASTERN P L CO	430,914	44,306	409,580	15,120 6,214
		AREA TOTAL	713,756	93,720	583,304	49,905 80,547
74 MONTANA WYCHING						
		**COLD INTERSTATE GAS CO	281,090	12,471	242,167	38,923
		**KANSAS NEBRASKA NAT GAS CO	138,099	11,134	106,973	5,241 25,885
		**MCCULLOCH INTERSTATE G COR	22,612	5,490		22,612
		**MONTANA DAKOTA UTILITIES C	284,362	30,412	210,425	48,114 25,823
		**NORTHERN NATURAL GAS CO	384	127	384	
		**PANHANDLE EASTERN P L CO	48,758	16,719		48,758
		AREA TOTAL	775,305	76,353	559,949	92,278 123,078
75 MONTANA DAKOTA						
		**KANSAS NEBRASKA NAT GAS CO	14,535	737	14,585	
		**MONTANA DAKOTA UTILITIES C	506,554	19,152	273,834	70,204 162,516
		**NORTHERN NATURAL GAS CO	482,910	15,545	482,910	
		AREA TOTAL	1,024,049	35,434	771,329	70,204 162,516
ROCKY MOUNTAIN						
		**COLD INTERSTATE GAS CO	1,249,803	97,826	1,019,481	99,978 130,349
		**EL PASO NATURAL GAS CO	3,697,419	400,695	8,154,679	542,740
		**KANSAS NEBRASKA NAT GAS CO	244,791	18,651	165,220	14,127 65,444
		**MCCULLOCH INTERSTATE G COR	22,612	5,490		22,612
		**MONTANA DAKOTA UTILITIES C	790,916	49,564	484,259	118,318 188,339
		**MOUNTAIN FUEL RESOURCES IN	37,659	4,876		37,659
		**MOUNTAIN FUEL SUPPLY CO	1,243,079	95,648	1,153,285	75,420 14,374
		**NORTHERN NATURAL GAS CO	508,663	18,692	508,663	
		**NORTHWEST PIPELINE CORP	4,257,259	146,031	4,137,467	8,849 60,943
		**PANHANDLE EASTERN P L CO	479,672	61,025	409,580	15,120 54,972
		**WESTERN TRANSMISSION CORP	11,167	1,722		11,167
		AREA TOTAL	17,543,045	900,220	16,082,634	331,812 1,128,599
80 OTHER AREAS						
		**FLORIDA GAS TRANS CO	260,825	19,025	43,485	217,340
		**SOUTHERN NATURAL GAS CO	48,949	2,911	48,949	
		**TENNESSEE G PL DIV TENNECO	2,497		2,497	
		AREA TOTAL	312,271	21,936	94,931	217,340

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ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

FERC GAS AREA	LOCATION	COMPANY NAME	1976			---YEAR-END RESERVES BY TYPE OF GAS---		
			YEAR-END GAS RESERVES	PRODUCTION		NON- ASSOCIATED	AND DISSOLVED	UNDESIGNATED
98 UNDIFFERENTIATED								
		**ARKANSAS LOUISIANA GAS CO	27,920	1,571				27,920
		**NATURAL GAS P L CO OF AMER	40,467	24,892				40,467
		AREA TOTAL	68,387	26,463				68,387
TOTAL ALL COMPANIES			98,282,085	11,388,608	75,940,169	9,085,317	13,256,599	

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.
** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF
THE FORM-15 REPORT OR DATE OF FIRST FILING.

TABLE: 10

1963-1976 DEDICATED GAS RESERVES, CHANGES IN GAS RESERVES
PRODUCTION AND R/P RATIOS BY FERC GAS AREA
ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES

(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
10 APPALACHIAN BASIN-NORTH SUBAREA						
	1963	751,540		72,941		10.3
	1964	690,386	1,854	63,008	61,154-	11.0
	1965	701,376	72,010	61,020	10,990	11.5
	1966	688,896	54,066	66,546	12,480-	10.4
	1967	642,824	19,301	65,373	46,072-	9.8
	1968	479,847	103,741-	59,236	162,977-	8.1
	1969	456,805	40,154	63,196	23,042-	7.2
	1970	487,483	97,335	66,657	30,678	7.3
	1971	504,826	78,767	61,424	17,343	8.2
	1972	405,564	54,764-	44,498	99,262-	9.1
	1973	425,994	63,104	42,674	20,430	10.0
	1974	448,263	68,393	46,124	22,269	9.7
	1975	464,897	61,308	44,674	16,634	10.4
	1976	472,697	51,742	43,942	7,800	10.8
TOTAL (1963-1976)			449,529	728,372	278,843-	
PERCENT CHANGE		37.1-		39.7-		
11 APPALACHIAN BASIN-SOUTH SUBAREA						
	1963	2,942,006		231,168		12.7
	1964	3,024,399	322,061	239,668	82,393	12.6
	1965	2,938,211	160,073	246,261	86,188-	11.9
	1966	2,946,664	251,243	242,790	8,453	12.1
	1967	2,924,524	225,441	247,581	22,140-	11.8
	1968	2,890,100	239,513	273,937	34,424-	10.6
	1969	2,800,055	170,584	260,629	90,045-	10.7
	1970	2,769,373	245,672	276,354	30,682-	10.0
	1971	2,722,715	219,207	265,865	46,658-	10.2
	1972	2,380,075	79,233-	263,407	342,640-	9.0
	1973	2,344,247	205,646	241,474	35,828-	9.7
	1974	2,164,622	59,527	239,152	179,625-	9.1
	1975	2,062,183	117,932	220,371	102,439-	9.4
	1976	2,114,865	272,041	219,359	52,682	9.6
TOTAL (1963-1976)			2,409,707	3,236,848	827,141-	
PERCENT CHANGE		28.1-		5.1-		
12 ILLINOIS BASIN AREA						
	1963	1,596		428		3.7
	1964	24,013	27,938	5,521	22,417	4.3
	1965	65,249	51,933	10,697	41,236	6.1
	1966	87,756	39,753	17,246	22,507	5.1
	1967	80,860	13,461	20,357	6,896-	4.0
	1968	62,052	136-	18,672	18,808-	3.3
	1969	16,405	40,746-	4,901	45,647-	3.3
	1970	4,468	9,164-	2,773	11,937-	1.6
	1971	8,123	5,767	2,112	3,655	3.8
	1972	3,270	1,922-	2,931	4,853-	1.1
	1973	5,506	3,401	1,165	2,236	4.7
	1974	3,330	1,486-	690	2,176-	4.8
	1975	2,776	90-	464	554-	6.0
	1976	3,196	764	344	420	9.3
TOTAL (1963-1976)			89,473	87,873	1,600	
PERCENT CHANGE		100.3		19.6-		
** APPALACHIAN - ILLINOIS BASIN						
	1963	3,695,142		304,437		12.1
	1964	3,738,798	351,853	308,197	43,656	12.1
	1965	3,704,836	284,016	317,978	33,962-	11.7
	1966	3,723,316	345,062	326,582	18,480	11.4
	1967	3,648,208	258,203	333,311	75,108-	10.9
	1968	3,431,999	135,636	351,845	216,209-	9.8
	1969	3,273,265	169,992	328,726	158,734-	10.0
	1970	3,261,324	333,843	345,784	11,941-	9.4
	1971	3,235,664	303,741	329,431	25,660-	9.8
	1972	2,788,909	135,919-	310,836	446,755-	9.0
	1973	2,775,747	272,151	285,313	13,162-	9.7
	1974	2,616,215	126,434	285,966	159,532-	9.1
	1975	2,529,856	179,150	265,509	86,359-	9.5
	1976	2,590,758	324,547	263,645	60,902	9.3
TOTAL (1963-1976)			2,948,709	4,053,093	1,104,384-	
PERCENT CHANGE		29.9-		13.4-		
20 MISSISSIPPI - ALABAMA						
	1963	1,914,270		157,441		12.2
	1964	1,786,721	15,715	143,264	127,549-	12.5
	1965	1,223,168	429,148-	129,405	558,553-	9.5
	1966	1,298,775	204,712	134,195	70,607	9.7
	1967	1,240,098	60,025	118,702	58,677-	10.4
	1968	1,099,883	12,007-	128,208	140,215-	8.6
	1969	1,001,911	26,579	124,551	97,972-	8.0
	1970	829,617	56,210-	116,094	172,294-	7.1
	1971	692,896	35,099-	101,622	136,721-	6.8
	1972	514,597	102,520-	76,279	178,799-	6.7
	1973	437,457	3,945-	72,695	76,640-	6.0
	1974	303,511	69,895-	64,051	133,946-	4.7
	1975	272,866	14,334	44,979	30,645-	6.1
	1976	229,333	81	43,614	43,533-	5.3
TOTAL (1963-1976)			387,378-	1,297,559	1,684,937-	
PERCENT CHANGE		89.0-		72.3-		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
22 NORTHERN LOUISIANA						
	1963	5,111,996		509,312		10.0
	1964	4,966,615	392,070	537,451	145,381-	9.2
	1965	4,747,032	267,238	486,821	219,583-	9.8
	1966	4,485,006	212,329	474,355	262,026-	9.5
	1967	4,190,003	162,050	457,053	295,003-	9.2
	1968	3,709,615	52,900-	421,488	480,388-	8.7
	1969	3,460,367	161,250	410,498	249,248-	8.4
	1970	2,932,506	145,171-	382,690	527,861-	7.7
	1971	2,452,292	165,334-	314,876	480,214-	7.8
	1972	2,347,550	219,040	323,782	104,742-	7.3
	1973	2,030,616	29,112-	287,822	316,934-	7.1
	1974	1,758,235	13,165-	259,216	272,381-	6.8
	1975	1,524,887	18,104-	215,244	233,348-	7.1
	1976	1,565,816	243,940	203,011	40,929	7.7
	TOTAL (1963-1976)		1,234,127	4,780,307	3,546,180-	
	PERCENT CHANGE	69.4-		60.1-		
23 TEXAS RAILROAD DISTRICT NO. 6						
	1963	2,302,290		348,576		6.6
	1964	2,393,834	402,050	310,506	91,544	7.7
	1965	2,287,227	209,534	316,141	106,607-	7.2
	1966	2,170,335	182,765	299,657	116,892-	7.2
	1967	1,959,820	67,585	278,100	210,515-	7.0
	1968	1,918,234	206,960	248,546	41,586-	7.7
	1969	1,675,753	25,754-	216,727	242,481-	7.7
	1970	1,381,608	102,963-	191,182	294,145-	7.2
	1971	1,177,681	42,852-	161,075	203,927-	7.3
	1972	1,056,438	39,036	160,279	121,243-	6.6
	1973	948,767	36,715	144,386	107,671-	6.6
	1974	568,931	149,928	129,764	20,164	7.5
	1975	830,569	17,369-	120,993	138,362-	6.9
	1976	727,440	8,555	111,684	103,129-	6.5
	TOTAL (1963-1976)		1,114,190	2,689,040	1,574,850-	
	PERCENT CHANGE	68.4-		68.0-		
24 SOUTHERN ARKANSAS						
	1963	316,049		10,080		31.4
	1964	308,329	1,772	9,492	7,720-	32.5
	1965	379,991	84,798	13,136	71,662	28.9
	1966	350,854	159	29,296	29,137-	12.0
	1967	319,041	1,008-	30,805	31,813-	10.4
	1968	294,615	7,875	32,301	24,426-	9.1
	1969	246,861	1,029-	46,725	47,754-	5.3
	1970	192,805	11,032-	43,024	54,056-	4.5
	1971	207,612	56,694	41,987	14,807	5.0
	1972	180,796	6,730	33,546	26,816-	5.4
	1973	158,240	4,671	27,227	22,556-	5.8
	1974	145,179	6,963	20,024	13,061-	7.3
	1975	141,622	7,152	10,709	3,557-	13.2
	1976	138,600	6,041	9,063	3,022-	15.3
	TOTAL (1963-1976)		169,786	347,235	177,449-	
	PERCENT CHANGE	56.1-		10.1-		
25 TEXAS RAILROAD DISTRICT NO. 5						
	1963	34,202		2,133		16.0
	1964	33,221	556	1,537	981-	21.6
	1965	32,721	784	1,284	500-	25.5
	1966	31,558	232	1,395	1,163-	22.6
	1967	22,518	7,597-	1,443	9,040-	15.6
	1968	26,345	5,496	1,619	3,877	16.3
	1969	8,968	15,761-	1,666	17,427-	5.4
	1970	6,707	17	2,278	2,261-	2.9
	1971	38,535	34,329	2,501	31,828	15.4
	1972	35,176	27-	3,312	3,339-	10.6
	1973	31,322	137-	3,737	3,874-	8.4
	1974	27,841	13	3,494	3,481-	8.0
	1975	24,355	18-	3,468	3,486-	7.0
	1976	22,087	394	2,662	2,268-	8.3
	TOTAL (1963-1976)		18,281	30,396	12,115-	
	PERCENT CHANGE	35.4-		24.8		
26 TEXAS RAILROAD DISTRICT NO. 9						
	1963	730,680		50,049		14.6
	1964	856,565	176,470	50,585	125,885	16.9
	1965	842,926	44,562	58,201	13,639-	14.5
	1966	769,617	9,290-	64,019	73,309-	12.0
	1967	772,830	63,740	60,527	3,213	12.8
	1968	731,594	18,640	59,876	41,236-	12.2
	1969	672,513	923	60,004	59,081-	11.2
	1970	609,226	652	63,939	63,287-	9.5
	1971	577,872	30,556	61,910	31,354-	9.3
	1972	524,353	3,808	57,327	53,519-	9.1
	1973	474,048	303	50,608	50,305-	9.4
	1974	383,584	42,073-	48,391	90,464-	7.9
	1975	367,565	31,066	47,085	16,019-	7.8
	1976	328,703	4,263	43,125	38,862-	7.6
	TOTAL (1963-1976)		323,620	725,597	401,977-	
	PERCENT CHANGE	55.0-		13.8-		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
27 OTHER OKLAHOMA						
	1963	2,365,392		139,169		17.0
	1964	2,598,001	406,589	173,980	232,609	14.9
	1965	2,741,684	318,724	175,041	143,683	15.7
	1966	3,203,355	657,178	195,507	461,671	16.4
	1967	3,336,444	312,649	179,560	133,089	18.6
	1968	3,159,513	58,892	235,823	176,931-	13.4
	1969	3,199,850	298,321	257,984	40,337	12.4
	1970	2,980,577	45,540	264,813	219,273-	11.3
	1971	2,837,808	99,174	241,943	142,769-	11.7
	1972	2,591,353	37,667-	208,788	246,455-	12.4
	1973	2,294,951	106,296-	190,106	296,402-	12.1
	1974	2,169,485	52,949	178,415	125,466-	12.2
	1975	2,001,189	2,322	170,618	168,296-	11.7
	1976	1,812,039	28,177-	160,973	189,150-	11.3
TOTAL (1963-1976)			2,080,198	2,633,551	553,353-	
PERCENT CHANGE		23.4-		15.7		
28 NORTHERN ARKANSAS						
	1963	827,432		37,110		22.3
	1964	1,028,021	238,001	38,292	200,589	26.8
	1965	1,148,897	711,960	41,084	170,876	29.2
	1966	1,349,125	197,991	47,763	150,228	28.2
	1967	1,584,510	295,294	59,909	235,385	26.4
	1968	1,589,823	86,367	81,054	5,313	19.6
	1969	1,533,158	34,970	91,635	56,665-	16.7
	1970	1,535,110	103,031	101,079	1,952	15.2
	1971	1,493,360	47,898	89,648	41,750-	16.7
	1972	1,529,187	129,371	93,544	35,827	16.3
	1973	1,560,765	126,576	94,998	31,578	16.4
	1974	1,485,837	7,409-	67,519	74,928-	22.0
	1975	1,405,220	15,239-	65,378	80,617-	21.5
	1976	1,372,034	28,557	61,743	33,186-	22.2
TOTAL (1963-1976)			1,478,248	933,646	544,602	
PERCENT CHANGE		65.8		66.4		
** OTHER SOUTHWEST						
	1963	13,692,311		1,253,870		10.8
	1964	13,971,307	1,634,103	1,265,107	368,996	11.0
	1965	13,458,646	708,452	1,221,113	512,661-	11.0
	1966	13,658,625	1,446,076	1,246,097	199,979	11.0
	1967	13,425,264	952,738	1,186,099	233,361-	11.3
	1968	12,529,672	319,323	1,214,915	895,592-	10.3
	1969	11,799,381	479,499	1,209,790	730,291-	9.8
	1970	10,468,156	166,136-	1,165,089	1,331,225-	9.0
	1971	9,478,056	25,362	1,015,462	990,100-	9.3
	1972	8,778,970	257,771	956,857	699,086-	9.2
	1973	7,936,166	28,775	871,579	842,804-	9.1
	1974	7,242,603	77,311	770,874	693,563-	9.4
	1975	6,568,273	4,144	678,474	674,330-	9.7
	1976	6,196,052	263,654	635,875	372,221-	9.7
TOTAL (1963-1976)			6,031,072	13,437,331	7,406,259-	
PERCENT CHANGE		54.4-		49.3-		
30 SOUTHERN LOUISIANA ONSHORE						
	1963	43,638,490		2,087,078		20.9
	1964	42,274,401	876,432	2,240,521	1,364,089-	10.9
	1965	41,624,399	1,686,894	2,336,896	650,002-	17.8
	1966	39,634,025	520,364	2,510,738	1,990,374-	15.8
	1967	39,965,847	3,041,318	2,709,496	331,822	14.8
	1968	37,646,627	573,042	2,892,262	2,319,220-	13.0
	1969	34,718,223	180,664	3,109,068	2,928,404-	11.2
	1970	31,438,511	132,990-	3,146,722	3,279,712-	10.0
	1971	27,607,279	758,620-	3,072,612	3,831,232-	9.0
	1972	22,942,708	1,514,851-	3,149,720	4,664,571-	7.3
	1973	19,244,131	1,047,500-	2,651,077	3,698,577-	7.3
	1974	15,543,475	1,446,927-	2,248,729	3,695,656-	6.9
	1975	13,026,568	728,458-	1,793,449	2,521,907-	7.3
	1976	10,426,769	1,078,517-	1,521,282	2,599,799-	6.9
TOTAL (1963-1976)			170,851	33,382,572	33,211,721-	
PERCENT CHANGE		76.1-		27.1-		
SOUTHERN LOUISIANA WAPRANTY						
	1963	4,488,132				.0
	1964	4,517,036	38,430	9,526	28,904	474.2
	1965	5,227,614	773,189	62,611	710,578	83.5
	1966	5,445,580	332,931	114,565	218,366	47.5
	1967	5,643,962	408,011	205,029	202,982	27.6
	1968	5,350,764	1	298,199	298,198-	17.9
	1969	5,693,910	673,467	330,321	343,146	17.2
	1970	4,698,574	673,217-	322,119	995,336-	14.6
	1971	4,403,899	1-	294,674	294,675-	14.9
	1972	4,108,675	824	296,048	295,224-	13.9
	1973	3,880,744	43,960	271,891	227,931-	14.3
	1974	3,465,819	226,792-	188,133	414,925-	18.4
	1975	3,270,908	37,453-	157,458	194,911-	20.8
	1976	2,811,391	320,154-	139,363	459,517-	20.2
TOTAL (1963-1976)			1,013,196	2,689,937	1,676,741-	
PERCENT CHANGE		37.4-		1,363.0		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
31 SOUTHERN LOUISIANA OFFSHORE						
	1963	18,421,674		636,527		28.9
	1964	19,172,021	1,449,097	698,750	750,367	27.4
	1965	22,063,838	3,689,849	798,032	2,891,817	27.6
	1966	24,739,542	3,673,761	998,057	2,675,704	24.8
	1967	27,114,382	3,654,329	1,279,499	2,374,840	21.2
	1968	29,164,927	3,509,170	1,458,625	2,050,545	20.0
	1969	32,877,264	5,560,614	1,848,277	3,712,337	17.8
	1970	33,835,224	3,322,997	2,365,037	957,960	14.3
	1971	32,092,096	844,579	2,587,707	1,743,128-	12.4
	1972	32,091,226	2,782,814	2,783,684	870-	11.5
	1973	30,501,895	1,427,223	3,016,554	1,589,331-	10.1
	1974	27,062,712	337,702-	3,101,481	3,439,183-	8.7
	1975	22,626,872	1,124,278-	3,311,562	4,435,840-	6.8
	1976	21,706,337	2,524,609	3,445,144	920,535-	6.3
TOTAL (1963-1976)			30,977,062	27,692,399	3,284,663	
PERCENT CHANGE		17.8		441.2		
** SOUTHERN LOUISIANA						
	1963	66,548,296		2,723,605		24.4
	1964	65,963,458	2,363,959	2,948,797	584,838-	22.4
	1965	68,915,851	6,149,932	3,197,539	2,952,393	21.6
	1966	69,819,547	4,527,056	3,623,360	903,696	19.3
	1967	72,729,191	7,103,658	4,194,014	2,909,644	17.3
	1968	72,162,318	4,082,213	4,649,086	566,873-	15.5
	1969	73,289,397	6,414,745	5,287,666	1,127,079	13.9
	1970	69,972,309	2,516,790	5,833,878	3,317,088-	12.0
	1971	64,103,274	85,958	5,954,993	5,869,035-	10.8
	1972	59,142,609	1,268,787	6,229,452	4,960,665-	9.5
	1973	53,626,770	423,683	5,939,522	5,515,839-	9.0
	1974	46,077,006	2,011,421-	5,538,343	7,549,764-	8.3
	1975	38,924,348	1,890,189-	5,262,469	7,152,658-	7.4
	1976	34,944,457	1,125,938	5,105,789	3,979,851-	6.4
TOTAL (1963-1976)			32,161,109	63,764,908	31,603,799-	
PERCENT CHANGE		47.5-		87.5		
40 TEXAS RAILROAD DISTRICT NO. 2						
	1963	4,864,112		330,667		14.7
	1964	4,584,437	62,552	342,177	279,625-	13.4
	1965	4,076,858	180,279-	327,350	507,629-	12.5
	1966	3,466,305	298,702-	311,851	610,553-	11.1
	1967	2,841,291	360,124-	264,890	625,014-	10.7
	1968	2,496,730	99,472-	245,089	344,561-	10.2
	1969	2,079,077	188,520-	232,531	420,851-	8.9
	1970	1,715,090	166,748-	194,041	360,789-	8.8
	1971	1,454,790	76,816-	183,484	260,300-	7.9
	1972	1,303,237	24,532	176,085	151,553-	7.4
	1973	1,110,733	29,939-	162,565	192,504-	6.8
	1974	899,492	59,631-	152,610	212,241-	5.9
	1975	677,575	101,824-	119,093	220,917-	5.7
	1976	573,164	3,847	108,258	104,411-	5.3
TOTAL (1963-1976)			1,470,924-	2,820,024	4,290,948-	
PERCENT CHANGE		88.2-		67.3-		
41 TEXAS RAILROAD DISTRICT NO. 3						
	1963	5,078,311		387,472		13.1
	1964	4,977,012	280,602	381,901	101,299-	13.0
	1965	4,505,727	78,387-	392,898	471,285-	11.5
	1966	4,083,560	29,797-	392,370	422,167-	10.4
	1967	3,711,985	2,806-	368,769	371,575-	10.1
	1968	2,765,198	586,301-	360,486	946,787-	7.7
	1969	2,403,337	24,434-	337,427	361,861-	7.1
	1970	1,981,142	108,115-	314,080	422,195-	6.3
	1971	1,671,560	46,353-	263,229	309,582-	6.4
	1972	1,173,380	218,758-	279,422	498,180-	4.2
	1973	987,425	3,890	187,845	185,955-	5.2
	1974	892,577	56,488	151,336	94,848-	5.9
	1975	767,343	8,565	133,799	125,234-	5.7
	1976	587,611	52,635-	127,097	179,732-	4.6
TOTAL (1963-1976)			798,041-	3,692,659	4,490,700-	
PERCENT CHANGE		88.4-		67.2-		
42 TEXAS RAILROAD DISTRICT NO. 4						
	1963	11,212,220		652,194		17.2
	1964	11,878,975	1,343,910	677,155	666,755	17.5
	1965	12,556,777	1,398,834	721,032	677,802	17.4
	1966	11,606,704	195,249-	754,824	950,073-	15.4
	1967	12,470,267	1,645,773	782,210	963,563	15.9
	1968	11,459,632	212,318-	798,317	1,010,635-	14.4
	1969	10,160,480	521,612-	797,560	1,319,152-	12.7
	1970	8,473,310	826,647-	820,523	1,667,170-	10.4
	1971	7,802,139	111,923	803,594	691,171-	9.7
	1972	6,284,407	763,031-	754,701	1,517,732-	8.3
	1973	5,850,371	269,928	703,964	434,036-	8.3
	1974	4,421,859	309,209-	619,303	928,512-	7.9
	1975	3,638,375	803,868-	479,616	1,283,484-	7.6
	1976	3,028,432	200,661-	409,282	609,943-	7.4
TOTAL (1963-1976)			937,773	9,121,561	8,183,788-	
PERCENT CHANGE		73.0-		37.2-		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
43 TEXAS-OFFSHORE	1969	100,572	100,982	410	100,572	245.3
	1970	95,139	2,840	8,273	5,433-	11.5
	1971	252,911	171,120	13,348	157,772	18.9
	1972	345,840	118,835	25,906	92,929	13.3
	1973	392,138	100,098	53,800	46,298	7.3
	1974	316,801	2,284-	73,053	75,337-	4.3
	1975	227,072	36,571-	53,158	89,729-	4.3
	1976	193,770	13,832	47,134	33,302-	4.1
	TOTAL (1963-1976)		468,852	275,082	193,770	
	PERCENT CHANGE		92.7	11,396.1		
44 TEXAS RAILROAD DIST. #1 (SOUTH)	1963	1,685,227		68,838		24.5
	1964	1,580,749	35,962-	68,516	104,478-	23.1
	1965	588,192	931,344-	61,213	992,557-	9.6
	1966	541,094	11,795	58,893	47,098-	9.2
	1967	503,339	9,543	47,298	37,755-	10.6
	1968	405,252	58,695-	39,392	98,087-	10.3
	1969	337,857	34,624-	32,771	67,395-	10.3
	1970	278,516	23,399-	35,942	59,341-	7.7
	1971	166,831	77,589-	34,096	111,685-	4.9
	1972	134,839	2,238-	29,754	31,992-	4.5
	1973	181,110	78,509	32,238	46,271	5.6
	1974	162,894	27,514	45,730	18,216-	3.6
	1975	145,024	19,340	37,210	17,870-	3.9
	1976	143,572	35,165	36,617	1,452-	3.9
	TOTAL (1963-1976)		981,985-	559,670	1,541,655-	
	PERCENT CHANGE		91.5-	46.8-		
** TEXAS GULF COAST	1963	22,839,870		1,439,171		15.9
	1964	23,021,223	1,651,102	1,469,749	181,353	15.7
	1965	21,727,554	208,824	1,502,493	1,293,669-	14.5
	1966	19,677,663	511,953-	1,517,938	2,029,891-	13.0
	1967	19,526,882	1,292,386	1,463,167	170,781-	13.3
	1968	17,126,812	956,786-	1,443,284	2,400,070-	11.9
	1969	15,058,125	668,008-	1,400,679	2,068,687-	10.8
	1970	12,563,197	1,122,069-	1,372,859	2,494,928-	9.2
	1971	11,348,231	82,285	1,297,251	1,214,966-	8.7
	1972	9,241,703	840,660-	1,265,868	2,106,528-	7.3
	1973	8,521,777	422,486	1,142,412	719,926-	7.5
	1974	7,192,623	287,122-	1,042,032	1,329,154-	6.9
	1975	5,455,389	914,358-	822,876	1,737,234-	6.6
	1976	4,526,549	200,452-	728,388	928,840-	6.2
	TOTAL (1963-1976)		1,844,325-	16,468,996	18,313,321-	
	PERCENT CHANGE		80.2-	49.4-		
50 TEXAS RAILROAD DISTRICT NO. 7B	1963	46,547		7,109		6.5
	1964	45,314	5,908	7,141	1,233-	6.3
	1965	39,198	1,540	7,656	6,116-	5.1
	1966	52,435	20,195	6,958	13,237	7.5
	1967	46,429		6,006	6,006-	7.7
	1968	43,084	2,486	5,831	3,345-	7.4
	1969	39,537		5,547	3,547-	11.1
	1970	44,678	8,017	2,876	5,141	15.5
	1971	34,609	7,952-	2,117	10,089-	16.3
	1972	90,366	57,928	2,171	55,757	41.6
	1973	10,401	78,666-	1,299	79,965-	8.0
	1974	5,226	4,055-	1,120	5,175-	4.7
	1975	4,301	131	1,056	925-	4.1
	1976	3,341	1	961	960-	3.5
	TOTAL (1963-1976)		5,533	48,739	43,206-	
	PERCENT CHANGE		92.8-	86.5-		
51 TEXAS RAILROAD DISTRICT NO. 7C	1963	2,472,362		110,295		22.4
	1964	2,857,648	517,049	131,763	385,286	21.7
	1965	2,985,879	262,582	134,351	128,231	22.2
	1966	2,308,580	546,683-	130,616	677,299-	17.7
	1967	2,946,912	785,732	147,400	638,332	20.0
	1968	3,124,124	318,004	140,792	177,212	22.2
	1969	2,703,781	247,831-	172,512	420,343-	15.7
	1970	2,598,989	60,884	165,676	104,792-	15.7
	1971	2,581,063	155,988	173,914	17,926-	14.8
	1972	2,224,834	184,186-	172,043	356,229-	12.9
	1973	1,902,703	131,885-	190,246	322,131-	10.9
	1974	1,688,005	29,761-	184,937	214,698-	9.1
	1975	1,263,312	266,822-	157,871	424,693-	8.0
	1976	1,001,709	116,137-	145,466	261,603-	6.9
	TOTAL (1963-1976)		576,934	2,047,587	1,470,653-	
	PERCENT CHANGE		59.5-	31.9		
52 TEXAS RAILROAD DISTRICT NO. 8	1963	9,307,062		433,608		21.5
	1964	10,466,423	1,697,182	537,821	1,159,361	19.5
	1965	12,612,665	2,690,437	544,195	2,146,242	23.2
	1966	16,675,277	4,647,381	584,769	4,062,612	28.5
	1967	18,337,218	2,272,559	610,618	1,661,941	30.0
	1968	19,526,445	1,987,392	798,165	1,189,227	24.5
	1969	16,655,299	1,914,642-	956,504	2,871,146-	17.4
	1970	13,160,109	2,419,893-	1,075,297	3,495,190-	12.2
	1971	12,307,312	249,934	1,102,731	852,797-	11.2
	1972	10,636,582	596,964-	1,073,766	1,670,730-	9.9
	1973	9,063,723	538,353-	1,034,506	1,572,859-	8.8
	1974	7,737,050	375,102-	951,571	1,326,673-	8.1
	1975	6,048,158	744,767-	894,125	1,638,892-	6.8
	1976	5,333,500	1,601	766,259	764,658-	7.0
	TOTAL (1963-1976)		6,956,765	10,930,327	3,973,562-	
	PERCENT CHANGE		42.7-	76.7		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
53 TEXAS RAILROAD DISTRICT NO. 8A						
	1963	1,506,890		53,062		28.4
	1964	1,098,497	361,208-	47,185	408,393-	23.3
	1965	1,047,394	718-	50,385	51,103-	20.8
	1966	1,924,988	943,815	66,221	877,594	29.1
	1967	1,848,157	345	77,176	76,831-	23.9
	1968	1,768,569	5,109	84,697	79,588-	20.9
	1969	1,725,684	42,314	85,199	42,885-	20.3
	1970	1,317,343	303,809-	104,532	408,341-	12.6
	1971	1,047,531	180,712-	89,100	269,812-	11.8
	1972	687,155	293,010-	67,366	360,376-	10.2
	1973	355,474	273,088-	58,593	331,681-	6.1
	1974	285,944	25,631-	43,899	69,530-	6.5
	1975	171,171	78,676-	36,097	114,773-	4.7
	1976	130,567	8,239-	31,965	40,204-	4.1
TOTAL (1963-1976)			533,508-	842,415	1,375,923-	
PERCENT CHANGE		91.3-		39.8-		
54 TEXAS RAILROAD DIST. #1 (NORTH)						
	1963	63,381		3,869		16.4
	1964	54,662	3,640-	5,079	8,719-	10.8
	1965	56,138	5,238	3,762	1,476	14.9
	1966	52,619	141-	3,378	3,519-	15.6
	1967	49,253	503-	2,863	3,366-	17.2
	1968	45,572	715-	2,966	3,681-	15.4
	1969	44,199	1,685	3,058	1,373-	14.5
	1970	40,777	11-	3,411	3,422-	12.0
	1971	39,070	2,573	4,280	1,707-	9.1
	1972	39,623	3,364	2,811	553	14.1
	1973	36,141	313	3,795	3,482-	9.5
	1974	45,495	13,157	3,803	9,354	12.0
	1975	41,021	332-	4,142	4,474-	9.9
	1976	37,043	240-	3,738	3,978-	9.9
TOTAL (1963-1976)			20,748	47,086	26,338-	
PERCENT CHANGE		41.6-		3.4-		
55 NEW MEXICO PERMIAN BASIN						
	1963	5,519,913		312,382		17.7
	1964	5,318,335	125,321	326,849	201,528-	16.3
	1965	6,059,682	1,066,930	325,633	741,297	18.6
	1966	6,179,975	479,103	358,810	120,293	17.2
	1967	5,761,401	54,223-	364,351	418,574-	15.8
	1968	5,670,257	325,756	416,900	91,144-	13.6
	1969	5,259,163	22,982	434,076	411,094-	12.1
	1970	5,041,217	239,429	497,380	217,951-	11.0
	1971	4,938,010	369,541	472,743	103,202-	10.4
	1972	4,414,799	26,548-	496,663	523,211-	8.9
	1973	4,059,486	173,646	528,959	355,313-	7.7
	1974	3,929,411	413,273	543,348	130,075-	7.2
	1975	4,052,756	679,771	556,426	123,345	7.3
	1976	3,201,928	329,915-	520,913	850,828-	6.1
TOTAL (1963-1976)			3,485,066	5,803,051	2,317,985-	
PERCENT CHANGE		42.0-		66.8		
** PERMIAN BASIN						
	1963	18,916,155		920,325		20.6
	1964	19,840,929	1,980,612	1,055,838	924,774	18.8
	1965	22,800,956	4,026,009	1,065,982	2,960,027	21.4
	1966	27,193,874	5,543,670	1,150,752	4,392,918	23.6
	1967	28,989,370	1,003,910	1,208,414	1,795,496	24.0
	1968	30,178,051	2,638,032	1,449,351	1,188,681	20.8
	1969	26,427,663	2,095,492-	1,654,896	3,750,388-	16.0
	1970	22,203,108	2,415,383-	1,809,172	4,224,555-	12.3
	1971	20,947,595	589,372	1,844,885	1,255,513-	11.4
	1972	18,093,359	1,039,416-	1,814,820	2,854,236-	10.0
	1973	15,427,928	848,033-	1,817,398	2,665,431-	8.5
	1974	13,691,131	8,119-	1,728,678	1,736,797-	7.9
	1975	11,630,719	410,695-	1,649,717	2,060,412-	7.1
	1976	9,708,488	452,929-	1,469,302	1,922,231-	6.6
TOTAL (1963-1976)			10,511,533	19,719,205	9,207,667-	
PERCENT CHANGE		48.7-		59.7		
60 TEXAS RAILROAD DISTRICT NO. 10						
	1963	13,365,699		775,047		17.2
	1964	12,823,979	272,898	814,618	541,720-	15.7
	1965	11,871,595	134,289-	818,095	952,384-	14.5
	1966	11,501,379	478,756	848,972	370,216-	13.5
	1967	10,960,394	326,537	867,522	540,985-	12.6
	1968	10,679,578	563,932	824,748	260,816-	13.0
	1969	10,483,715	613,104	828,967	215,863-	12.6
	1970	9,639,025	57,251	901,941	844,690-	10.7
	1971	8,839,048	100,981	900,958	794,977-	9.0
	1972	8,101,237	191,027	928,838	737,811-	8.7
	1973	7,307,596	153,244	946,975	793,731-	7.7
	1974	6,805,151	436,466	938,821	502,355-	7.2
	1975	6,104,396	172,023	872,778	700,755-	7.0
	1976	5,456,164	149,091	797,323	648,232-	6.8
TOTAL (1963-1976)			3,381,021	11,290,556	7,909,535-	
PERCENT CHANGE		59.2-		2.9		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
61 OKLAHOMA PANHANDLE						
	1963	8,743,611		386,015		22.7
	1964	8,735,048	413,850	422,413	8,563-	20.7
	1965	8,519,460	246,991	462,579	215,588-	18.4
	1966	8,715,598	117,552	521,414	196,138	16.7
	1967	8,367,603	231,635	579,570	347,935-	14.4
	1968	7,971,844	169,690	565,539	395,819-	14.1
	1969	7,524,512	153,816	601,148	447,332-	12.5
	1970	7,029,998	133,172	627,686	494,514-	11.2
	1971	6,564,312	139,171	604,857	465,686-	10.9
	1972	6,412,439	492,124	643,997	151,873-	10.0
	1973	5,734,311	73,494-	604,634	678,128-	9.5
	1974	5,183,367	59,977	610,921	550,944-	8.5
	1975	4,696,338	74,629	561,658	487,029-	8.4
	1976	4,243,419	57,447	510,366	452,919-	8.3
TOTAL (1963-1976)			2,816,560	7,316,752	4,500,192-	
PERCENT CHANGE		51.5-		92.2		
62 OKLAHOMA ANADARKO						
	1963	2,698,955		167,428		16.1
	1964	2,821,448	332,397	209,904	122,493	13.4
	1965	3,011,975	407,958	217,431	190,527	13.9
	1966	2,932,383	163,311	242,903	79,592-	12.1
	1967	3,400,580	741,356	272,759	468,597	12.5
	1968	3,941,523	836,954	296,411	540,543	13.3
	1969	3,856,266	255,267	340,524	85,257-	11.3
	1970	4,011,843	513,442	357,865	155,577	11.2
	1971	3,280,177	367,977-	303,689	731,666-	9.0
	1972	2,494,996	451,540-	333,641	785,181-	7.5
	1973	2,330,036	144,358	309,318	164,960-	7.5
	1974	2,035,577	5,889-	288,170	294,059-	7.1
	1975	1,812,723	36,958	260,212	223,254-	7.0
	1976	1,834,107	269,687	248,303	21,384	7.4
TOTAL (1963-1976)			2,876,282	3,741,130	864,848-	
PERCENT CHANGE		32.0-		48.3		
63 KANSAS						
	1963	15,414,829		633,661		24.3
	1964	15,172,476	415,822	658,175	242,353-	23.1
	1965	14,733,216	223,113	662,373	439,260-	22.2
	1966	14,130,876	96,987	699,327	602,340-	20.2
	1967	13,748,844	334,322	716,354	382,032-	19.2
	1968	13,911,541	843,192	680,495	162,697	20.4
	1969	13,453,114	269,893	728,320	458,427-	18.5
	1970	13,003,378	279,017	728,753	449,736-	17.8
	1971	12,472,320	178,356	709,414	531,058-	17.6
	1972	11,945,000	182,875	710,195	527,320-	16.8
	1973	11,351,124	132,431	726,307	593,876-	15.6
	1974	11,273,113	635,968	713,979	78,011-	15.8
	1975	11,062,302	479,981	690,792	210,811-	16.0
	1976	10,858,348	477,044	680,998	203,954-	15.9
TOTAL (1963-1976)			4,549,001	9,105,432	4,556,481-	
PERCENT CHANGE		29.6-		7.5		
** HUGHTON - ANADARKO						
	1963	40,223,094		1,962,151		20.5
	1964	39,552,951	1,434,967	2,105,110	670,143-	18.8
	1965	38,136,246	743,773	2,160,478	1,416,705-	17.7
	1966	37,280,236	1,456,606	2,312,616	856,010-	16.1
	1967	36,477,881	1,633,850	2,436,205	802,355-	15.0
	1968	36,524,486	2,413,768	2,367,163	46,605	15.4
	1969	35,317,607	1,292,080	2,498,959	1,206,879-	14.1
	1970	33,684,244	982,882	2,616,245	1,633,363-	12.9
	1971	31,155,857	50,531	2,578,918	2,528,387-	12.1
	1972	28,453,672	414,486	2,616,671	2,202,185-	11.1
	1973	26,722,577	356,539	2,587,234	2,230,695-	10.3
	1974	25,297,608	1,126,522	2,551,891	1,425,369-	9.9
	1975	23,675,759	763,591	2,385,440	1,621,849-	9.9
	1976	22,392,038	953,269	2,236,990	1,283,721-	10.0
TOTAL (1963-1976)			13,622,864	31,453,920	17,831,056-	
PERCENT CHANGE		44.3-		14.0		
70 ANET4 FIELD AREA UTAH						
	1963	105,430		23,900		4.4
	1964	97,420		18,070	18,000-	4.9
	1965	74,400		13,000	13,000-	5.7
	1966	113,370	51,400	12,500	38,900	9.1
	1967	103,000		10,300	10,300-	10.0
	1968	94,000		9,000	9,000-	10.4
	1969	42,300	44,100-	7,100	51,200-	6.0
	1970	36,900		5,900	5,900-	6.3
	1971	29,500	2,700-	4,700	7,400-	6.3
	1972	20,200	5,500-	3,800	9,300-	5.3
	1973	19,984	3,500	3,716	216-	5.4
	1974	26,600	10,216	3,600	6,616	7.4
	1975	26,111	3,000	3,489	489-	7.5
	1976	27,400	4,931	3,642	1,289	7.5
TOTAL (1963-1976)			20,747	98,747	78,000-	
PERCENT CHANGE		74.0-		84.8-		

GAS AREA	DATE	YFAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
71 SAN JUAN BASIN						
	1963	14,547,700		313,700		46.5
	1964	14,464,500	237,200	370,400	133,200-	39.1
	1965	14,432,000	433,300	415,800	17,500	34.8
	1966	14,458,000	437,600	461,600	24,000-	31.3
	1967	14,152,400	183,500	489,100	105,600-	28.9
	1968	13,807,800	191,700	541,300	349,600-	25.5
	1969	13,424,200	114,700	493,300	378,600-	27.2
	1970	13,141,800	212,900	495,300	282,400-	26.5
	1971	12,459,800	162,300-	519,700	682,000-	24.0
	1972	12,400,600	495,000	554,200	59,200-	22.4
	1973	12,101,275	212,034	511,359	299,325-	23.7
	1974	10,767,947	845,386-	487,942	1,333,328-	22.1
	1975	10,425,540	104,633	447,040	342,407-	23.3
	1976	10,576,852	630,567	479,255	151,312	22.1
TOTAL (1963-1976)			2,245,448	6,266,296	4,020,848-	
PERCENT CHANGE		27.5-		52.8		
72 UINTAH GREEN RIVER BASIN						
	1963	4,056,286		155,121		26.1
	1964	4,096,175	220,739	178,850	41,489	22.9
	1965	4,544,016	624,679	176,838	447,841	25.7
	1966	4,558,700	597,002	182,318	414,684	27.2
	1967	4,966,968	197,340	189,072	8,268	26.3
	1968	4,972,327	210,736	205,377	5,359	24.2
	1969	4,817,729	65,584	220,182	154,598-	21.9
	1970	4,660,280	69,092	226,541	157,449-	20.5
	1971	4,485,063	42,603	217,920	175,217-	20.6
	1972	4,449,996	184,734	219,801	35,067-	20.2
	1973	4,255,865	71,782	225,913	154,131-	19.0
	1974	4,738,643	670,990	228,212	442,778	20.9
	1975	4,671,422	152,253	219,474	67,221-	21.3
	1976	4,445,683	13,923-	211,816	225,739-	21.0
TOTAL (1963-1976)			3,093,611	2,702,214	391,397	
PERCENT CHANGE		9.7		36.5		
73 COLORADO JULESBERG BASIN						
	1963	157,705		21,627		7.3
	1964	175,376	35,470	17,799	17,671	9.9
	1965	149,540	7,730-	18,106	25,836-	8.3
	1966	189,469	60,390	21,461	38,929	8.8
	1967	164,114	4,383-	19,972	24,355-	8.2
	1968	167,518	23,121	19,717	3,404	8.5
	1969	128,514	20,120-	18,884	39,004-	6.8
	1970	150,569	39,088	17,033	22,055	8.8
	1971	130,109	26,061	17,921	8,140	8.9
	1972	139,930	54,528	23,307	31,221	8.1
	1973	406,603	251,738	35,005	216,733	11.6
	1974	562,680	201,627	45,610	156,017	12.3
	1975	723,544	239,250	78,386	160,864	9.2
	1976	713,756	83,932	93,720	9,788-	7.6
TOTAL (1963-1976)			982,972	426,921	556,051	
PERCENT CHANGE		352.6		333.3		
74 MONTANA WYOMING						
	1963	692,110		31,379		22.1
	1964	809,541	156,985	39,554	117,431	20.5
	1965	917,105	159,469	51,905	107,564	17.7
	1966	848,548	17,803-	50,754	68,557-	16.7
	1967	787,927	15,013-	45,608	60,621-	17.3
	1968	829,837	87,134	45,174	41,960	18.4
	1969	938,834	164,781	55,834	108,947	16.8
	1970	1,236,733	370,194	72,295	297,899	17.1
	1971	1,313,212	175,586	99,107	76,479	13.3
	1972	1,102,226	97,447-	113,539	210,986-	9.7
	1973	944,113	50,645-	107,468	158,113-	8.8
	1974	843,146	4,379-	96,583	100,967-	8.7
	1975	760,008	475-	82,663	83,138-	9.2
	1976	775,305	91,650	76,353	15,297	10.2
TOTAL (1963-1976)			1,020,037	936,842	83,195	
PERCENT CHANGE		12.0		143.3		
75 MONTANA DAKOTA						
	1963	754,521		24,227		31.1
	1964	739,997	11,016	25,540	14,524-	29.0
	1965	698,083	17,261-	24,653	41,914-	28.3
	1966	684,852	11,707	24,978	13,231-	27.5
	1967	672,586	11,448	23,714	12,266-	28.4
	1968	528,803	121,498-	22,285	143,783-	23.7
	1969	515,454	7,951	21,300	13,349-	24.2
	1970	475,648	14,537-	21,169	35,756-	22.7
	1971	470,799	9,853	18,757	8,899-	25.1
	1972	991,548	577,137	14,503	520,149	59.8
	1973	1,044,473	82,848	29,923	52,925	34.9
	1974	1,031,000	27,669	40,542	12,873-	25.4
	1975	1,031,729	35,901	35,772	129	28.8
	1976	1,004,049	7,754	35,434	27,680-	28.3
TOTAL (1963-1976)			590,138	340,610	249,528	
PERCENT CHANGE		33.1		46.3		

GAS AREA	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
** ROCKY MOUNTAIN						
	1963	20,361,722		569,954		35.7
	1964	20,372,989	661,410	650,143	11,267	31.3
	1965	20,865,144	1,192,457	700,302	492,155	29.8
	1966	21,251,869	1,140,296	753,571	386,725	28.2
	1967	20,846,995	372,892	777,766	404,874-	26.8
	1968	20,395,335	391,193	842,853	451,660-	24.2
	1969	19,867,531	288,796	816,600	527,804-	24.3
	1970	19,705,580	676,687	838,238	161,551-	23.5
	1971	10,917,083	89,108	878,005	788,897-	21.5
	1972	19,154,500	1,168,647	931,230	237,417	20.6
	1973	18,812,373	571,257	913,384	342,127-	20.6
	1974	17,970,616	60,737	902,494	841,757-	19.9
	1975	17,638,354	534,562	866,824	332,262-	20.3
	1976	17,543,045	804,911	900,220	95,309-	19.5
TOTAL (1963-1976)			7,952,953	10,771,630	2,818,677-	
PERCENT CHANGE		13.8-		57.9		
80 OTHER AREAS						
	1963	26,400		1,300		20.3
	1964	21,000	3,900-	1,500	5,400-	14.0
	1965	19,200		1,800	1,800-	10.7
	1966	20,400	2,900	1,700	1,200	12.0
	1967	19,100		1,300	1,300-	14.7
	1968	18,450	252	902	650-	20.5
	1969	13,110	4,237-	1,103	5,340-	11.9
	1970	23,908	12,000	1,202	10,798	19.9
	1971	422,174	399,755	1,489	398,266	283.5
	1972	503,306	95,534	14,402	81,132	34.9
	1973	433,289	40,816-	29,201	70,017-	14.8
	1974	372,751	28,303-	32,235	60,538-	11.6
	1975	331,122	15,663-	25,966	41,629-	12.9
	1976	312,271	3,085	21,936	18,851-	14.2
TOTAL (1963-1976)			420,607	134,736	285,871	
PERCENT CHANGE		1,082.8		1,587.4		
98 UNDIFFERENTIATED						
	1963	2,327,067		175,815		13.2
	1964	2,662,769	965,236	210,134	355,702	12.8
	1965	2,448,355	31,324-	203,090	234,414-	12.1
	1966	2,484,792	240,387	203,950	36,437	12.2
	1967	2,398,272	133,215	219,735	86,520-	10.9
	1968	2,594,910	429,336	232,698	196,638	11.2
	1969	2,563,191	203,250	234,969	31,719-	10.9
	1970	1,673,519	780,356-	109,316	889,672-	15.3
	1971	1,733,454	364,621	304,686	59,935	5.7
	1972	248,619	1,418,034-	66,801	1,484,835-	3.7
	1973	60,246	94,033-	94,340	188,373-	.6
	1974	82,049	134,340	112,537	21,003	.7
	1975	62,636	15,060	34,473	19,413-	1.8
	1976	68,387	32,214	26,463	5,751	2.6
TOTAL (1963-1976)			205,488-	2,053,192	2,258,680-	
PERCENT CHANGE		97.1-		84.9-		
TOTAL ALL COMPANIES						
	1963	188,540,057		9,350,628		20.2
	1964	189,165,424	10,639,942	10,014,575	625,367	18.9
	1965	192,076,788	13,282,139	10,370,775	2,911,364	18.5
	1966	195,130,322	14,190,109	11,136,566	3,053,534	17.5
	1967	198,061,163	14,750,852	11,820,011	2,930,841	16.8
	1968	194,962,033	9,452,967	12,552,097	3,099,130-	15.5
	1969	187,609,270	6,080,625	13,433,388	7,352,763-	14.0
	1970	173,555,745	38,258	14,091,783	14,053,525-	12.3
	1971	161,341,388	1,990,733	14,205,090	12,214,357-	11.4
	1972	146,905,647	228,804-	14,206,937	14,435,741-	10.3
	1973	134,317,273	1,092,009	13,680,383	13,588,374-	9.8
	1974	120,542,602	809,621-	12,965,050	13,774,671-	9.3
	1975	106,816,456	1,734,398-	11,991,748	13,726,146-	8.9
	1976	98,282,085	2,854,237	11,388,608	8,534,371-	8.6
TOTAL (1963-1976)			71,599,039	161,857,011	90,257,972-	
PERCENT CHANGE		47.9-		21.8		

Table 11- Dedicated Domestic Gas Reserves And Production By Percent Distribution

By FERC Gas Areas

Percent Of Total Reserves

Year End	<u>Southern Louisiana</u>					<u>Percent Of Total Reserves</u>							
	<u>Onshore</u>	<u>Warrenty</u>	<u>Federal</u>	<u>State</u>	<u>Total Offshore</u>	<u>Total So. Louisiana</u>	<u>Hugoton Anadarko</u>	<u>Permian</u>	<u>Texas 1/ Gulf Coast</u>	<u>Rocky Mountain</u>	<u>Other Southwest</u>	<u>Appalachian Illinois Basin</u>	<u>All Other 2/</u>
1963	23.1	2.4	6.8	3.0	9.8	35.3	21.3	10.0	12.1	10.8	7.2	2.0	1.3
1964	22.3	2.4	7.1	3.1	10.2	34.9	20.9	10.5	12.2	10.8	7.4	2.0	1.3
1965	21.6	2.7	8.1	3.4	11.5	35.8	19.9	11.9	11.3	10.9	7.0	2.0	1.2
1966	20.2	2.8	8.8	3.9	12.7	35.8	19.1	13.9	10.1	10.9	7.0	2.0	1.2
1967	20.1	2.9	9.9	3.8	13.7	36.7	18.4	14.6	9.9	10.5	6.8	1.8	1.3
1968	19.3	2.8	11.5	3.5	15.0	37.0	18.7	15.5	8.8	10.5	6.4	1.8	1.3
1969	18.5	3.0	13.8	3.7	17.5	39.1	18.8	14.1	8.0	10.6	6.3	1.7	1.4
1970	18.1	2.7	15.6	3.9	19.5	40.3	19.3	12.8	7.2	11.4	6.2	1.9	0.9
1971	17.1	2.8	15.9	4.0	19.9	39.7	19.3	13.0	7.0	11.7	5.9	2.0	1.4
1972	15.6	2.8	17.9	4.0	21.9	40.3	19.7	12.3	6.3	13.0	6.0	1.9	0.5
1973	14.3	2.9	18.7	4.0	22.7	39.9	19.9	11.5	6.3	14.0	5.9	2.1	0.4
1974	12.9	2.9	18.6	3.8	22.4	38.2	21.0	11.3	6.0	14.9	6.0	2.2	0.4
1975	12.2	3.1	17.8	3.4	21.2	36.5	22.1	10.9	5.1	16.5	6.1	2.4	0.4
1976	10.6	2.9	18.8	3.3	22.1	35.6	22.8	9.9	4.6	17.8	6.3	2.6	0.4

Percent Of Total Production

Year	Onshore	Warrenty	Federal	State	Total Offshore	Total So. Louisiana	Hugoton Anadarko	Permian	Texas 1/ Gulf Coast	Rocky Mountain	Other Southwest	Appalachian Illinois Basin	All Other 2/
1963	22.3	-	5.1	1.7	6.8	29.1	21.0	9.8	15.4	6.1	13.4	3.3	1.9
1964	22.3	0.1	5.4	1.6	7.0	29.4	21.0	10.5	14.7	6.5	12.6	3.1	2.2
1965	22.5	0.6	5.6	2.1	7.7	30.8	20.8	10.3	14.5	6.8	11.8	3.1	1.9
1966	22.5	1.0	6.3	2.7	9.0	32.5	20.8	10.3	13.6	6.8	11.2	2.9	1.9
1967	22.9	1.7	7.1	3.8	10.9	35.5	20.6	10.2	12.4	6.6	10.0	2.8	1.9
1968	23.0	2.4	8.0	3.6	11.6	37.0	18.9	11.5	11.5	6.7	9.7	2.8	1.9
1969	23.1	2.5	10.1	3.7	13.8	39.4	18.6	12.3	10.4	6.1	9.0	2.4	1.8
1970	22.3	2.3	12.8	4.0	16.8	41.4	18.4	12.8	9.7	5.9	8.4	2.5	0.9
1971	21.6	2.1	14.4	3.8	18.2	41.9	18.2	13.0	9.1	6.2	7.1	2.3	2.2
1972	22.2	2.1	16.1	3.5	19.6	43.9	18.4	12.8	8.9	6.6	6.7	2.2	0.5
1973	19.4	2.0	18.6	3.4	22.0	43.4	18.9	13.3	8.3	6.7	6.4	2.1	0.9
1974	17.3	1.5	21.1	2.8	23.9	42.7	19.7	13.3	8.0	7.0	6.0	2.2	1.1
1975	15.0	1.3	23.9	3.7	27.6	43.9	19.9	13.8	6.9	7.2	5.6	2.2	0.5
1976	13.4	1.2	26.9	3.3	30.3	44.8	19.6	12.9	6.4	8.0	5.6	2.3	0.4

1/ Includes State and Federal Offshore.

2/ Includes States (or portions of states) not in an FERC area and Undifferentiated gas reported.

CHART 6 - APPALACHIAN AND ILLINOIS BASIN AREA

Interstate Pipeline Companies
Changes in Gas Reserves
(Billion Mcf at 14.73 Psia @ 60°F)

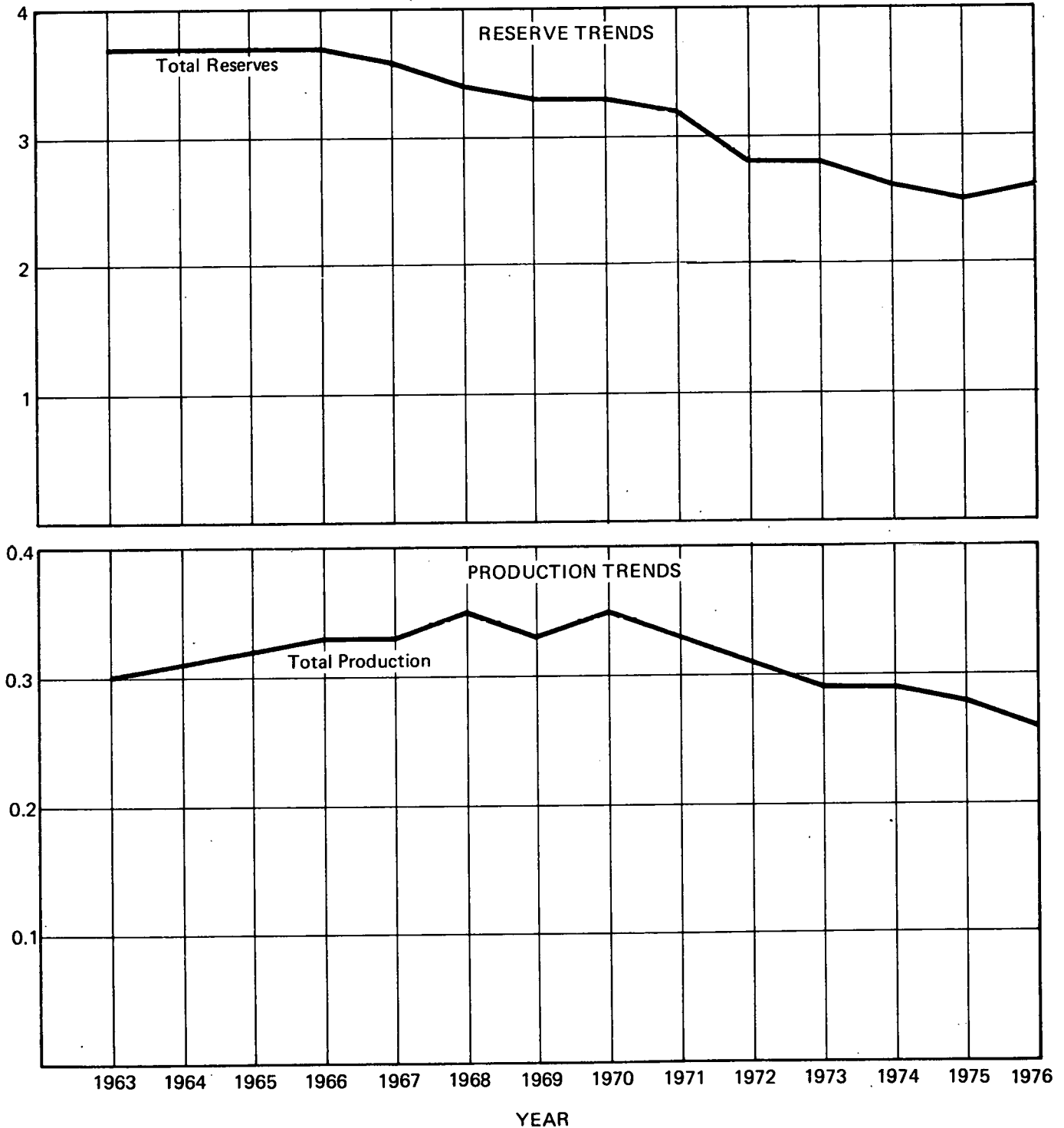


TABLE 12 - APPALACHIAN - ILLINOIS BASIN GAS AREA
CHANGES IN GAS RESERVES 1/

01

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ANNUAL 5/ ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			304,437	3,695,142				
1964	RESERVES 12-31-63	3,695,142	322,717	303,074	3,714,785				
	NEW SUPPLY 1964		29,136	5,123	24,013			29,136	5,123
	TOTAL	3,695,142	351,853	308,197	3,738,798	1.14	12.1		
1965	RESERVES 12-31-63	3,714,785	232,083	307,281	3,639,587				
	NEW SUPPLY 1964-1965		51,933	10,697	65,249				
	TOTAL	3,738,798	284,016	317,978	3,704,836	.89	11.7		
1966	RESERVES 12-31-63	3,639,587	305,309	309,336	3,635,560				
	NEW SUPPLY 1964-1966		39,753	17,246	87,756			7,765	1,496
	TOTAL	3,704,836	345,062	326,582	3,723,316	1.06	11.4		
1967	RESERVES 12-31-63	3,635,560	244,742	312,954	3,567,348				
	NEW SUPPLY 1964-1967		13,461	20,357	80,860				
	TOTAL	3,723,316	258,203	333,311	3,648,208	.77	10.9		
1968	RESERVES 12-31-63	3,567,348	135,772	333,173	3,369,947				
	NEW SUPPLY 1964-1968		136-	18,672	62,052			5,629	1,033
	TOTAL	3,648,208	135,636	351,845	3,431,999	.39	9.8		
1969	RESERVES 12-31-63	3,369,947	210,738	323,825	3,256,860				
	NEW SUPPLY 1964-1969		40,746-	4,901	16,405				
	TOTAL	3,431,999	169,992	328,726	3,273,265	.52	10.0		
1970	RESERVES 12-31-63	3,256,860	343,007	343,011	3,256,856				
	NEW SUPPLY 1964-1970		9,164-	2,773	4,468				
	TOTAL	3,273,265	333,843	345,784	3,261,324	.97	9.4		
1971	RESERVES 12-31-63	3,256,856	297,974	327,289	3,227,541				
	NEW SUPPLY 1964-1971		5,767	2,112	8,123			5,189	680
	TOTAL	3,261,324	303,741	329,401	3,235,664	.92	9.8		
1972	RESERVES 12-31-63	3,227,541	132,787-	308,641	2,786,113				
	NEW SUPPLY 1964-1972		8,123	2,195	2,796			1,742	1,358
	TOTAL	3,235,664	135,919-	310,836	2,788,909	.44-	9.0		
1973	RESERVES 12-31-63	2,786,113	268,435	284,207	2,770,241				
	NEW SUPPLY 1964-1973		3,716	1,006	5,506			1,167	293
	TOTAL	2,788,909	272,151	285,313	2,775,747	.95	9.7		
1974	RESERVES 12-31-63	2,770,241	127,920	285,276	2,612,885				
	NEW SUPPLY 1964-1974		1,486-	690	3,330				
	TOTAL	2,775,747	126,434	285,966	2,616,215	.44	9.1		
1975	RESERVES 12-31-63	2,612,885	179,240	265,045	2,527,080				
	NEW SUPPLY 1964-1975		90-	464	2,776				
	TOTAL	2,616,215	179,150	265,509	2,529,856	.67	9.5		
1976	RESERVES 12-31-63	2,527,080	323,914	263,432	2,587,562				
	NEW SUPPLY 1964-1976		633	213	3,196			1,129	131
	TOTAL	2,529,856	324,547	263,645	2,590,758	1.23	9.8		
1964-1976	RESERVES @ 12-31-63	3,695,142	2,859,064	3,966,644	2,587,562				
	NEW SUPPLY 1964-1976		89,645	86,449	3,196			51,757	10,114
	TOTAL	3,695,142	2,948,709	4,053,093	2,590,758	.73			

1/ SOURCE, FROM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES.
ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1953.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES:

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

CHART 7 - OTHER SOUTHWEST AREA

Interstate Pipeline Companies

Changes in Gas Reserves

(Billion Mcf at 14.73 Psia @ 60°F)

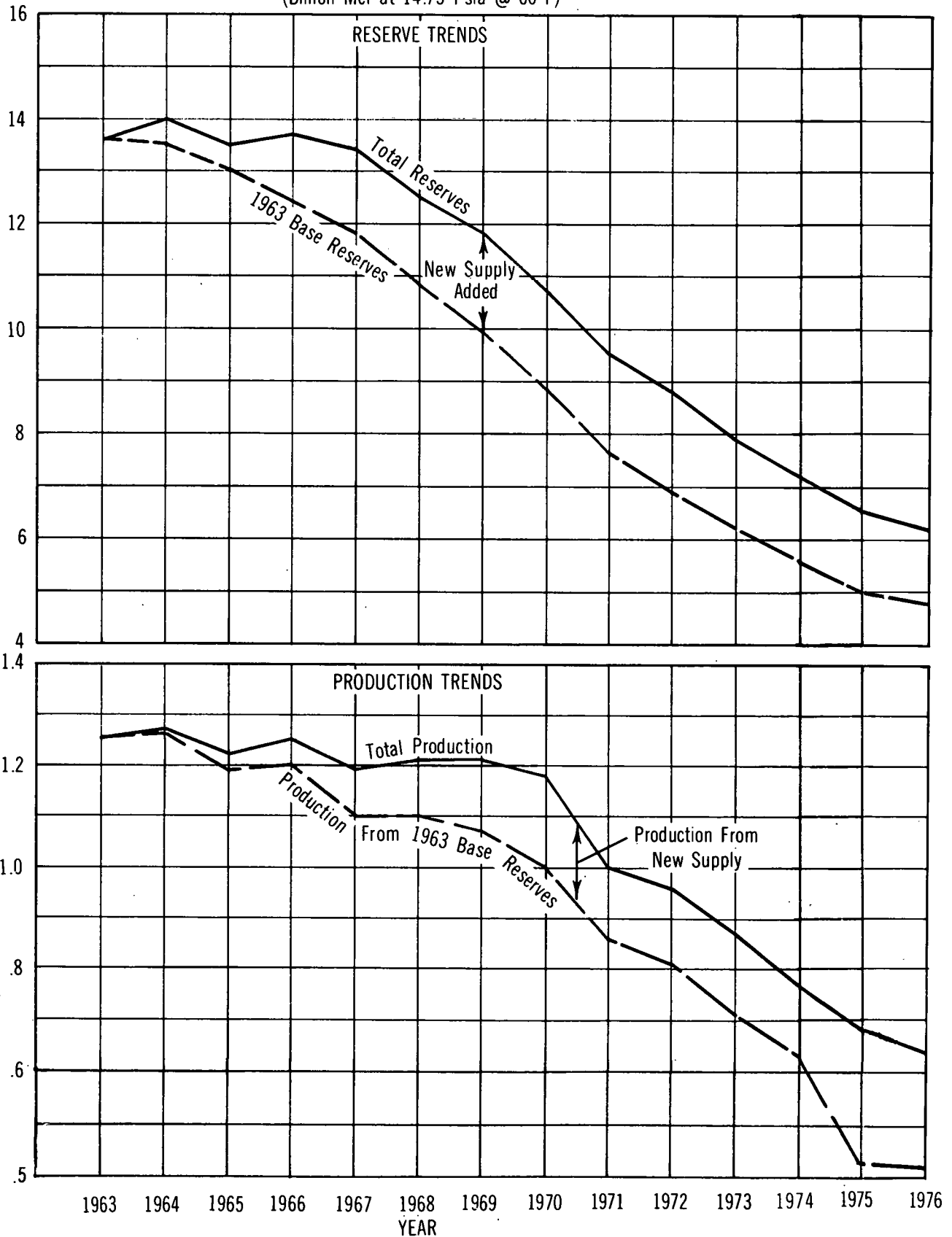


TABLE 13

OTHER SOUTHWEST GAS AREA
CHANGES IN GAS RESERVES 1/

02

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY ADDITIONS RESERVES PRODUCTION
1963	RESERVES 12-31-63			1,253,870	13,602,311			
1964	RESERVES 12-31-63	13,602,311	1,231,959	1,259,551	13,574,719			
	NEW SUPPLY 1964		402,144	5,556	396,588			402,144 5,556
	TOTAL	13,602,311	1,634,103	1,265,107	13,971,307	1.29	11.0	
1965	RESERVES 12-31-63	13,574,719	567,033	1,190,392	12,951,360			
	NEW SUPPLY 1964-1965	396,588	141,419	30,721	507,286			245,147 4,333
	TOTAL	13,971,307	708,452	1,221,113	13,458,646	.58	11.0	
1966	RESERVES 12-31-63	12,951,360	618,404	1,194,574	12,375,190			
	NEW SUPPLY 1964-1966	507,286	827,672	51,523	1,283,435			369,082 12,243
	TOTAL	13,458,646	1,446,076	1,246,097	13,658,625	1.16	11.0	
1967	RESERVES 12-31-63	12,375,190	512,947	1,101,288	11,786,849			
	NEW SUPPLY 1964-1967	1,283,435	439,791	84,811	1,638,415			128,620 6,375
	TOTAL	13,658,625	952,738	1,186,099	13,425,264	.80	11.3	
1968	RESERVES 12-31-63	11,786,849	84,742	1,103,220	10,768,371			
	NEW SUPPLY 1964-1968	1,638,415	234,581	111,695	1,761,301			97,990 5,440
	TOTAL	13,425,264	319,323	1,214,915	12,529,672	.26	10.3	
1969	RESERVES 12-31-63	10,768,371	206,358	1,070,812	9,903,957			
	NEW SUPPLY 1964-1969	1,761,301	273,101	138,978	1,895,424			80,737 3,279
	TOTAL	12,529,672	479,459	1,209,790	11,799,381	.40	9.8	
1970	RESERVES 12-31-63	9,903,957	395,090	988,118	8,520,749			
	NEW SUPPLY 1964-1970	1,895,424	228,954	176,971	1,947,407			64,699 5,995
	TOTAL	11,799,381	166,136	1,165,089	10,468,156	.14	9.0	
1971	RESERVES 12-31-63	8,520,749	105,264	852,529	7,562,956			
	NEW SUPPLY 1964-1971	1,947,407	130,626	162,933	1,915,100			81,377 2,428
	TOTAL	10,468,156	25,362	1,015,462	9,478,056	.02	9.3	
1972	RESERVES 12-31-63	7,562,956	189,958	808,987	6,943,927			
	NEW SUPPLY 1964-1972	1,915,100	67,813	147,870	1,835,043			100,630 6,248
	TOTAL	9,478,056	257,771	956,857	8,778,970	.27	9.2	
1973	RESERVES 12-31-63	6,943,927	50,921	710,397	6,182,609			
	NEW SUPPLY 1964-1973	1,835,043	79,656	161,182	1,753,557			77,586 12,784
	TOTAL	8,778,970	28,775	871,579	7,936,166	.03	9.1	
1974	RESERVES 12-31-63	6,182,609	45,700	626,495	5,601,814			
	NEW SUPPLY 1964-1974	1,753,557	31,611	144,379	1,640,789			17,227 1,854
	TOTAL	7,936,166	77,311	770,874	7,242,603	.10	9.4	
1975	RESERVES 12-31-63	5,601,814	93,892	526,919	4,981,003			
	NEW SUPPLY 1964-1975	1,640,789	98,036	151,555	1,587,270			32,204 3,940
	TOTAL	7,242,603	4,144	678,474	6,568,273	.01	9.7	
1976	RESERVES 12-31-63	4,981,003	318,573	505,417	4,794,159			
	NEW SUPPLY 1964-1976	1,587,270	54,919	130,458	1,401,893			28,326 1,691
	TOTAL	6,568,273	263,654	635,875	6,196,052	.41	9.7	
1964-1976	RESERVES @ 12-31-63	13,602,311	3,130,547	11,938,699	4,794,159			
	NEW SUPPLY 1964-1976		2,900,525	1,498,632	1,401,893			1,725,769 72,166
	TOTAL	13,602,311	6,031,072	13,437,331	6,196,052	.45		

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES. ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

CHART 8 - SOUTH LOUISIANA AREA

Interstate Pipeline Companies Changes in Gas Reserves (Billion Mcf at 14.73 Psia @ 60° F)

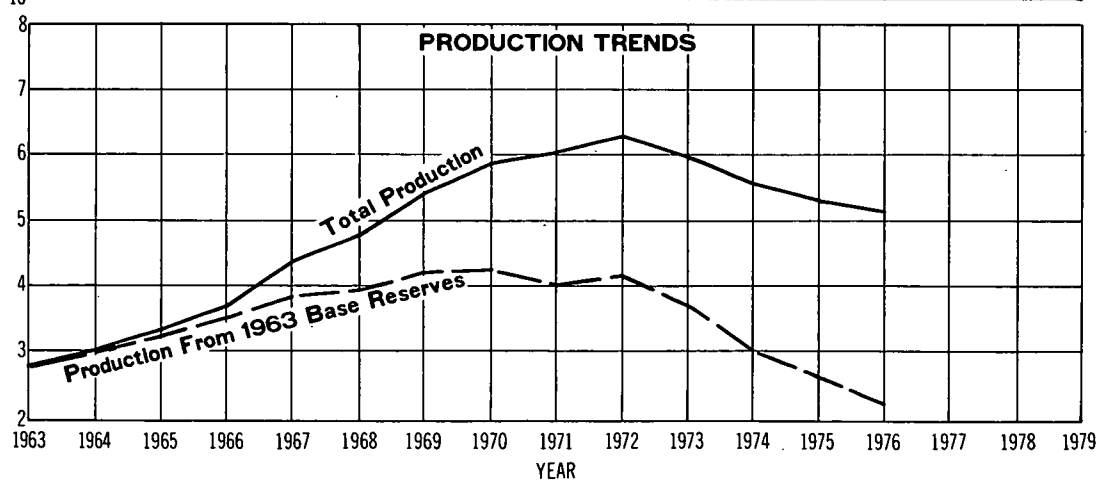
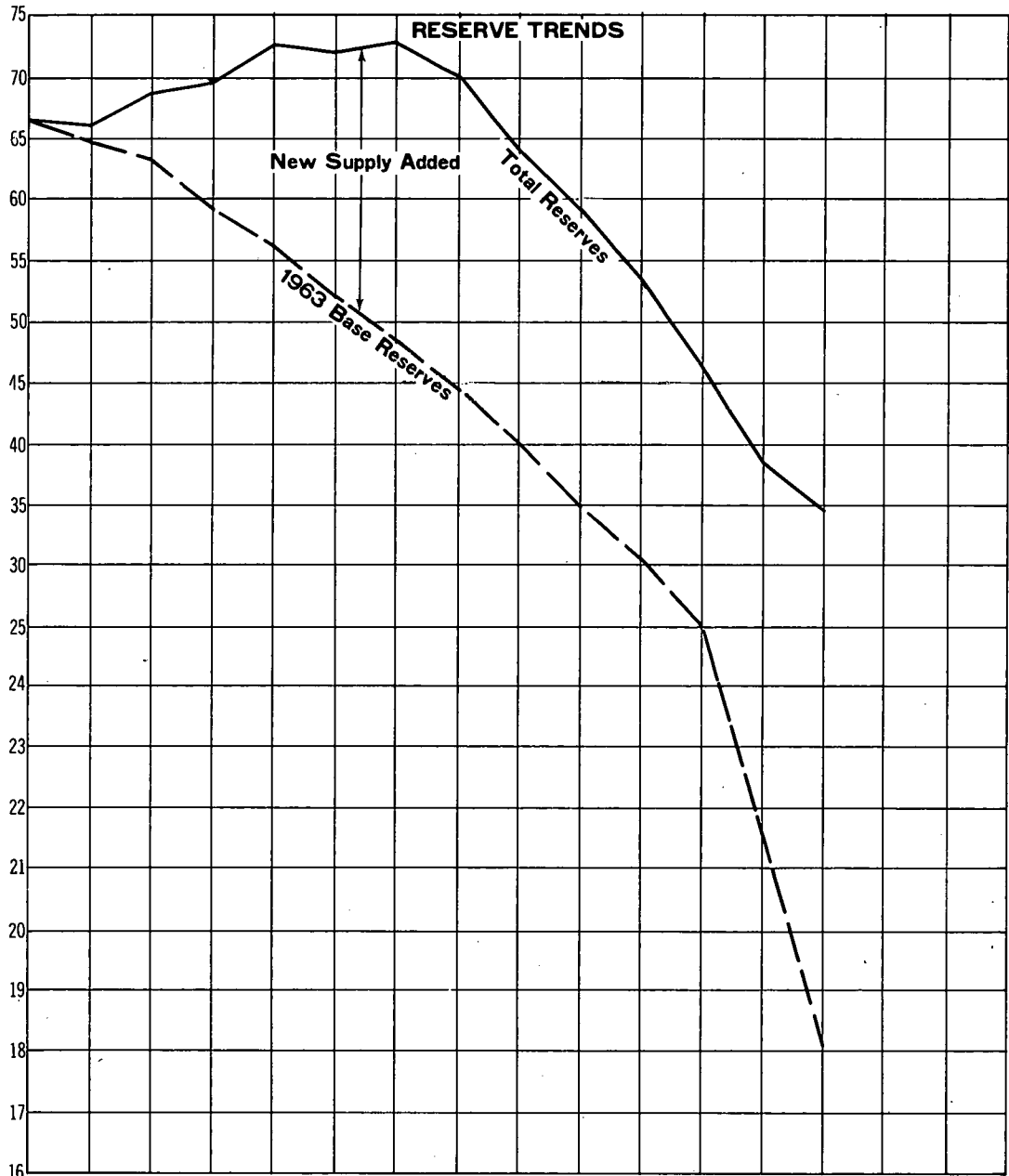


TABLE 14 - SOUTHERN LOUISIANA GAS AREA
CHANGES IN GAS RESERVES 1/

03

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY ADDITION RESERVES	PRODUCT I
1963	RESERVES 12-31-63			2,723,605	66,548,296				
1964	RESERVES 12-31-63	66,548,296	975,609	2,940,016	64,583,889				
	NEW SUPPLY 1964		1,388,350	8,781	1,379,569			1,388,350	8,781
	TOTAL	66,548,296	2,363,959	2,948,797	65,963,458	.80	22.4		
1965	RESERVES 12-31-63	64,583,889	1,984,129	3,131,076	63,436,942				
	NEW SUPPLY 1964-1965	1,379,569	4,165,803	66,463	5,478,909			4,162,765	15,348
	TOTAL	65,963,458	6,149,932	3,197,539	68,915,851	1.92	21.6		
1966	RESERVES 12-31-63	63,436,942	1,149,533	3,406,444	58,881,965				
	NEW SUPPLY 1964-1966	5,478,909	5,675,589	216,916	10,937,582			4,498,517	24,740
	TOTAL	68,915,851	4,527,056	3,623,360	69,819,547	1.25	19.3		
1967	RESERVES 12-31-63	58,881,965	1,758,596	3,721,616	56,918,945				
	NEW SUPPLY 1964-1967	10,937,582	5,345,062	472,398	15,810,246			4,475,906	33,617
	TOTAL	69,819,547	7,103,658	4,194,014	72,729,191	1.69	17.3		
1968	RESERVES 12-31-63	56,918,945	31,280	3,859,575	53,090,650				
	NEW SUPPLY 1964-1968	15,810,246	4,050,933	789,511	19,071,668			2,711,406	22,347
	TOTAL	72,729,191	4,082,213	4,649,086	72,162,318	.88	15.5		
1969	RESERVES 12-31-63	53,090,650	760,989	4,079,269	49,772,370				
	NEW SUPPLY 1964-1969	19,071,668	5,653,756	1,208,397	23,517,027			4,526,139	26,452
	TOTAL	72,162,318	6,414,745	5,287,666	73,289,397	1.21	13.9		
1970	RESERVES 12-31-63	49,772,370	1,186,416	4,165,005	44,420,949				
	NEW SUPPLY 1964-1970	23,517,027	3,703,206	1,668,873	25,551,360			2,236,847	27,150
	TOTAL	73,289,397	2,516,790	5,833,878	69,972,309	.43	12.0		
1971	RESERVES 12-31-63	44,420,949	493,437	3,977,194	39,950,318				
	NEW SUPPLY 1964-1971	25,551,360	579,395	1,977,799	24,192,956			1,073,678	16,243
	TOTAL	69,972,309	85,958	5,954,993	64,103,274	.01	10.8		
1972	RESERVES 12-31-63	39,950,318	1,327,390	4,063,290	34,559,638				
	NEW SUPPLY 1964-1972	24,152,956	2,596,177	2,166,162	24,582,971			3,324,417	41,536
	TOTAL	64,103,274	1,268,787	6,229,452	59,142,609	.20	9.5		
1973	RESERVES 12-31-63	34,559,638	763,932	3,517,922	30,277,784				
	NEW SUPPLY 1964-1973	24,582,971	1,187,615	2,421,600	23,348,986			593,882	15,301
	TOTAL	59,142,609	423,683	5,939,522	53,626,770	.07	9.0		
1974	RESERVES 12-31-63	30,277,784	2,501,256	3,022,848	24,753,680				
	NEW SUPPLY 1964-1974	23,348,986	489,835	2,515,495	21,323,326			1,554,154	24,337
	TOTAL	53,626,770	2,011,421	5,538,343	46,077,006	.36	8.3		
1975	RESERVES 12-31-63	24,753,680	1,238,326	2,623,831	20,891,573				
	NEW SUPPLY 1964-1975	21,323,326	461,063	2,038,838	18,032,825			692,930	62,336
	TOTAL	46,077,006	1,890,189	5,262,469	38,924,348	.36	7.4		
1976	RESERVES 12-31-63	20,891,523	1,481,790	2,006,208	17,403,525				
	NEW SUPPLY 1964-1976	18,032,825	2,607,728	3,099,581	17,540,972			1,600,195	121,631
	TOTAL	38,924,348	1,125,938	5,105,789	34,944,497	.22	6.8		
1964-1975	RESERVES @ 12-31-63	66,548,296	4,630,477	44,514,294	17,403,525				
	NEW SUPPLY 1964-1976		36,791,586	19,250,614	17,540,972			32,839,186	439,819
	TOTAL	66,548,296	32,161,109	63,764,908	34,944,497	.50			

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES. ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

TABLE 15 - SOUTHERN LOUISIANA - FEDERAL OFFSHORE
CHANGES IN GAS RESERVES 1/

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

AR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			476,452	12,812,153				
1964	RESERVES 12-31-63	12,812,153	679,476	537,398	12,954,231				
	NEW SUPPLY 1964	429,948	430,225	277	429,948			430,225	277
	TOTAL	12,812,153	1,109,701	537,675	13,384,179	2.06	24.9		
1965	RESERVES 12-31-63	12,954,231	1,194,237	576,121	13,572,347				
	NEW SUPPLY 1964-1965	429,948	1,658,856	10,010	2,078,794			1,654,862	2,370
	TOTAL	13,384,179	2,853,093	586,131	15,651,141	4.87	26.7		
1966	RESERVES 12-31-63	13,572,347	264,209	661,186	13,175,370				
	NEW SUPPLY 1964-1966	2,078,794	1,982,177	42,094	4,018,877			1,310,283	716
	TOTAL	15,651,141	2,246,386	703,280	17,194,247	3.19	24.4		
1967	RESERVES 12-31-63	13,175,370	876,258	721,560	13,330,108				
	NEW SUPPLY 1964-1967	4,018,877	2,432,668	114,995	6,336,550			1,767,412	1,227
	TOTAL	17,194,247	3,308,966	836,555	19,666,658	3.96	23.5		
1968	RESERVES 12-31-63	13,330,108	1,110,082	788,624	13,651,566				
	NEW SUPPLY 1964-1968	6,336,550	2,599,158	221,605	8,714,103			2,152,103	6,881
	TOTAL	19,666,658	3,709,240	1,010,229	22,365,669	3.67	22.1		
1969	RESERVES 12-31-63	13,651,566	261,305	866,914	13,045,957				
	NEW SUPPLY 1964-1969	8,714,103	4,586,467	485,662	12,814,908			3,682,029	5,007
	TOTAL	22,365,669	4,847,772	1,352,576	25,860,865	3.58	19.1		
1970	RESERVES 12-31-63	13,045,957	199,718	966,332	12,279,343				
	NEW SUPPLY 1964-1970	12,814,908	2,083,474	842,806	14,855,576			1,770,184	21,594
	TOTAL	25,860,865	3,083,192	1,809,138	27,134,919	1.70	15.0		
1971	RESERVES 12-31-63	12,279,343	32,487-	910,190	11,336,666				
	NEW SUPPLY 1964-1971	14,855,576	571,145	1,134,103	14,292,618			701,739	7,450
	TOTAL	27,134,919	533,658	2,044,293	25,629,284	.26	12.5		
1972	RESERVES 12-31-63	11,336,666	209,572-	975,717	10,151,377				
	NEW SUPPLY 1964-1972	14,292,618	3,103,309	1,294,701	16,101,226			3,205,870	24,866
	TOTAL	25,629,284	2,893,737	2,270,418	26,252,603	1.27	11.6		
1973	RESERVES 12-31-63	10,151,377	135,473	917,071	9,369,779				
	NEW SUPPLY 1964-1973	16,101,226	1,342,212	1,628,098	15,815,340			512,130	
	TOTAL	26,252,603	1,477,685	2,545,169	25,185,119	.58	9.9		
1974	RESERVES 12-31-63	9,369,779	819,665-	866,607	7,683,507				
	NEW SUPPLY 1964-1974	15,815,340	830,356	1,875,595	14,776,141			1,319,144	18,516
	TOTAL	25,185,119	16,731	2,742,202	22,459,648	.01	8.2		
1975	RESERVES 12-31-63	7,683,507	673,809-	800,593	6,209,105				
	NEW SUPPLY 1964-1975	14,776,141	108,668-	2,065,928	12,601,545			651,043	57,660
	TOTAL	22,459,648	782,477-	2,866,521	18,810,650	.27-	6.6		
1976	RESERVES 12-31-63	6,209,105	866,099-	483,516	4,859,490				
	NEW SUPPLY 1964-1976	12,601,545	3,555,888	2,582,718	13,574,715			1,593,023	121,365
	TOTAL	18,810,650	2,689,789	3,066,234	18,434,205	.88	6.0		
1964-1976	RESERVES @ 12-31-63	12,812,153	2,119,166	10,071,829	4,859,490				
	NEW SUPPLY 1964-1976		25,873,307	12,298,592	13,574,715			20,750,047	267,929
	TOTAL	12,812,153	27,492,473	22,370,421	18,434,205	1.25			

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES.
ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

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CHART 9 - TEXAS GULF AREA
 Interstate Pipeline Companies
 Changes in Gas Reserves
 (Billion Mcf at 14.73 Psia @ 60°F)

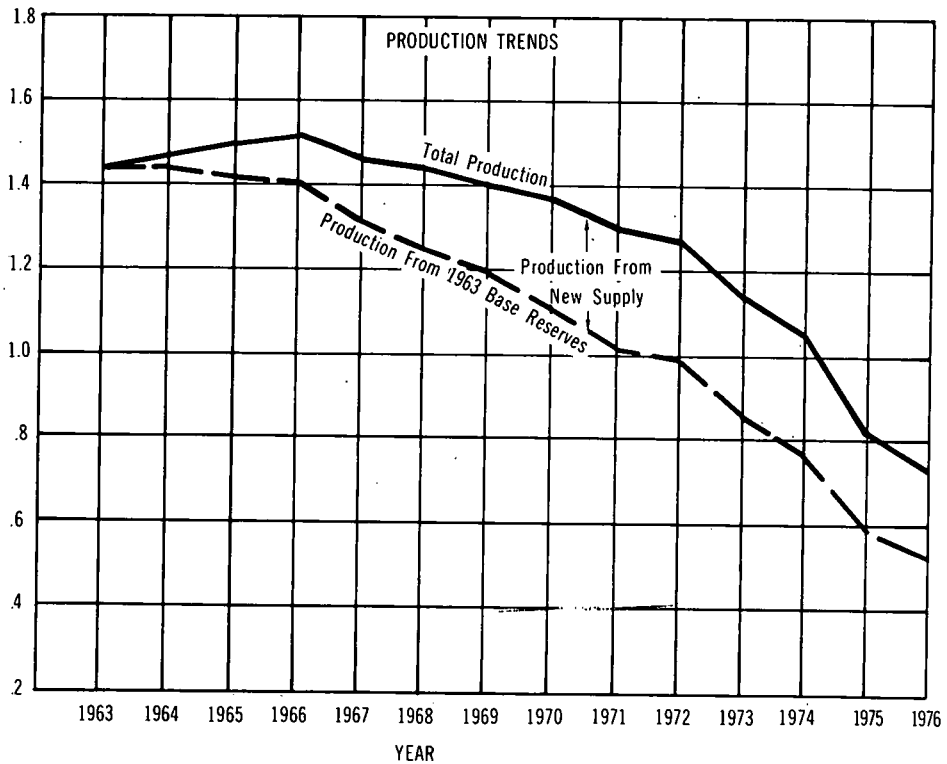
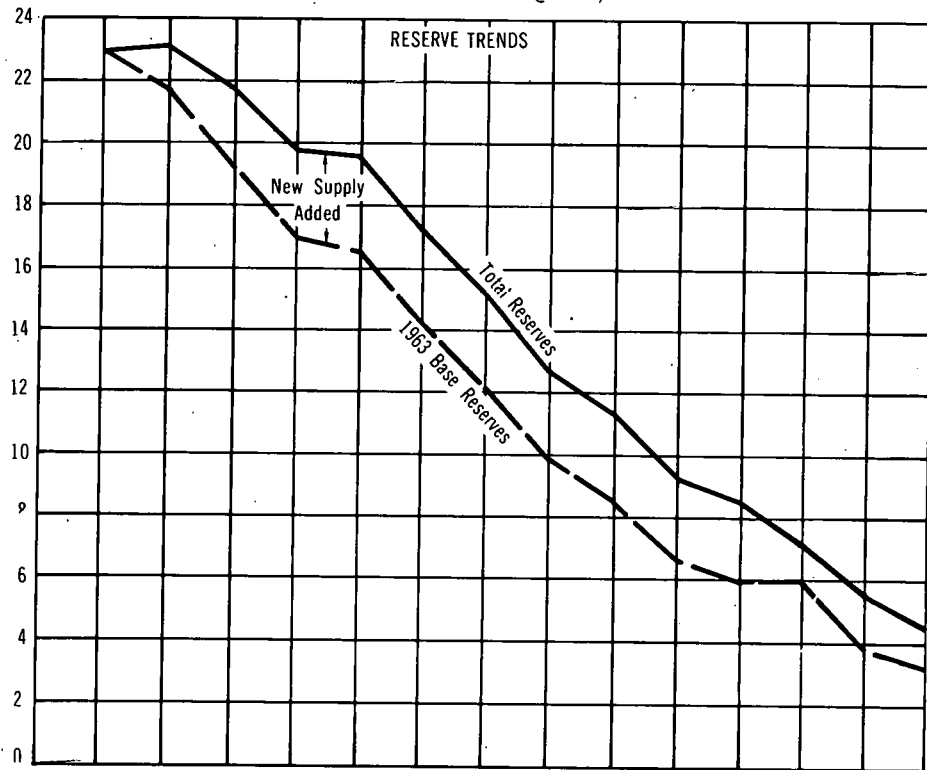


TABLE 16 — TEXAS GULF COAST GAS AREA
CHANGES IN GAS RESERVES 1/

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			1,439,171	22,839,870				
1964	RESERVES 12-31-63	22,839,870	238,220	1,442,255	21,635,835				
	NEW SUPPLY 1964		1,412,882	27,494	1,385,388			1,412,591	27,494
	TOTAL	22,839,870	1,651,102	1,469,749	23,021,223	1.12	15.7		
1965	RESERVES 12-31-63	21,635,835	1,042,795	1,417,746	19,175,294				
	NEW SUPPLY 1964-1965	1,385,388	1,251,619	84,747	2,552,260			1,331,042	10,142
	TOTAL	23,021,223	208,824	1,502,493	21,727,554	.14	14.5		
1966	RESERVES 12-31-63	19,175,294	844,941	1,405,717	16,924,636				
	NEW SUPPLY 1964-1966	2,552,260	332,588	112,221	2,773,027			435,951	4,077
	TOTAL	21,727,554	511,953	1,517,938	19,697,663	.34	13.0		
1967	RESERVES 12-31-63	16,924,636	778,255	1,307,490	16,395,441				
	NEW SUPPLY 1964-1967	2,773,027	514,091	155,677	3,131,441			362,766	10,600
	TOTAL	19,697,663	1,292,386	1,463,167	19,526,882	.88	13.3		
1968	RESERVES 12-31-63	16,395,441	1,060,656	1,244,734	14,090,051				
	NEW SUPPLY 1964-1968	3,131,441	103,870	198,550	3,036,761			70,535	3,420
	TOTAL	19,526,882	956,786	1,443,284	17,126,812	.66	11.9		
1969	RESERVES 12-31-63	14,090,051	842,755	1,185,462	12,061,834				
	NEW SUPPLY 1964-1969	3,036,761	174,747	215,217	2,996,291			152,530	7,195
	TOTAL	17,126,812	668,008	1,400,679	15,058,125	.48	10.8		
1970	RESERVES 12-31-63	12,061,834	1,163,075	1,115,656	9,783,103				
	NEW SUPPLY 1964-1970	2,996,291	41,006	257,203	2,780,094			81,938	7,215
	TOTAL	15,058,125	1,122,069	1,372,859	12,563,197	.82	9.2		
1971	RESERVES 12-31-63	9,783,103	186,352	1,020,907	8,575,844				
	NEW SUPPLY 1964-1971	2,780,094	268,637	276,344	2,772,387			413,227	7,043
	TOTAL	12,563,197	82,285	1,297,251	11,348,231	.06	8.7		
1972	RESERVES 12-31-63	8,575,844	935,007	988,881	6,651,956				
	NEW SUPPLY 1964-1972	2,772,387	94,347	276,987	2,589,747			154,577	7,561
	TOTAL	11,348,231	840,660	1,265,868	9,241,703	.66	7.3		
1973	RESERVES 12-31-63	6,651,956	161,641	857,521	5,956,076				
	NEW SUPPLY 1964-1973	2,589,747	260,845	284,891	2,565,701			268,869	18,738
	TOTAL	9,241,703	422,486	1,142,412	8,521,777	.37	7.5		
1974	RESERVES 12-31-63	5,956,076	313,521	756,108	4,886,437				
	NEW SUPPLY 1964-1974	2,565,701	26,409	285,924	2,306,186			58,021	4,857
	TOTAL	8,521,777	287,122	1,042,032	7,192,623	.28	6.9		
1975	RESERVES 12-31-63	4,886,437	508,129	586,692	3,791,616				
	NEW SUPPLY 1964-1975	2,306,186	406,229	236,184	1,663,773			66,990	6,875
	TOTAL	7,192,623	914,358	822,876	5,455,389	1.11	6.6		
1976	RESERVES 12-31-63	3,791,616	46,726	522,282	3,222,608				
	NEW SUPPLY 1964-1976	1,663,773	153,726	206,106	1,303,941			139,380	18,136
	TOTAL	5,455,389	200,452	728,388	4,526,549	.28	6.2		
1964-1976	RESERVES @ 12-31-63	22,839,870	5,765,811	13,851,451	3,222,608				
	NEW SUPPLY 1964-1976		3,921,486	2,617,545	1,303,941			4,948,417	133,441
	TOTAL	22,839,870	1,844,325	16,468,996	4,526,549	.11			

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES. ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

CHART 10 - PERMIAN BASIN AREA

Interstate Pipeline Companies

Changes in Gas Reserves

(Billion Mcf at 14.73 Psia @ 60°F)

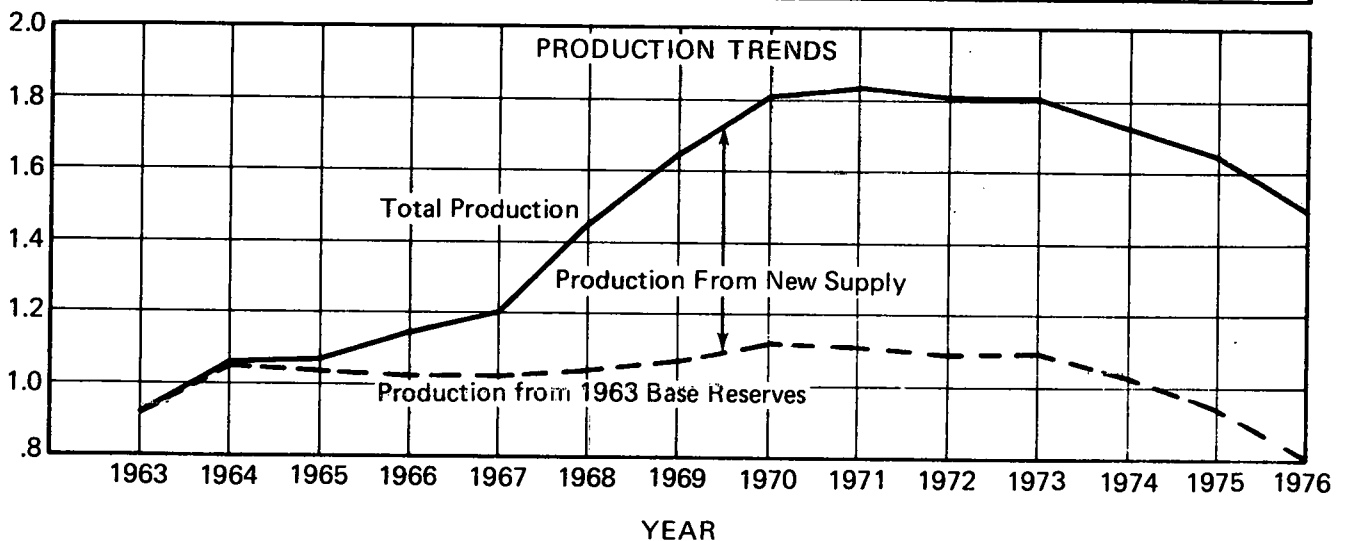
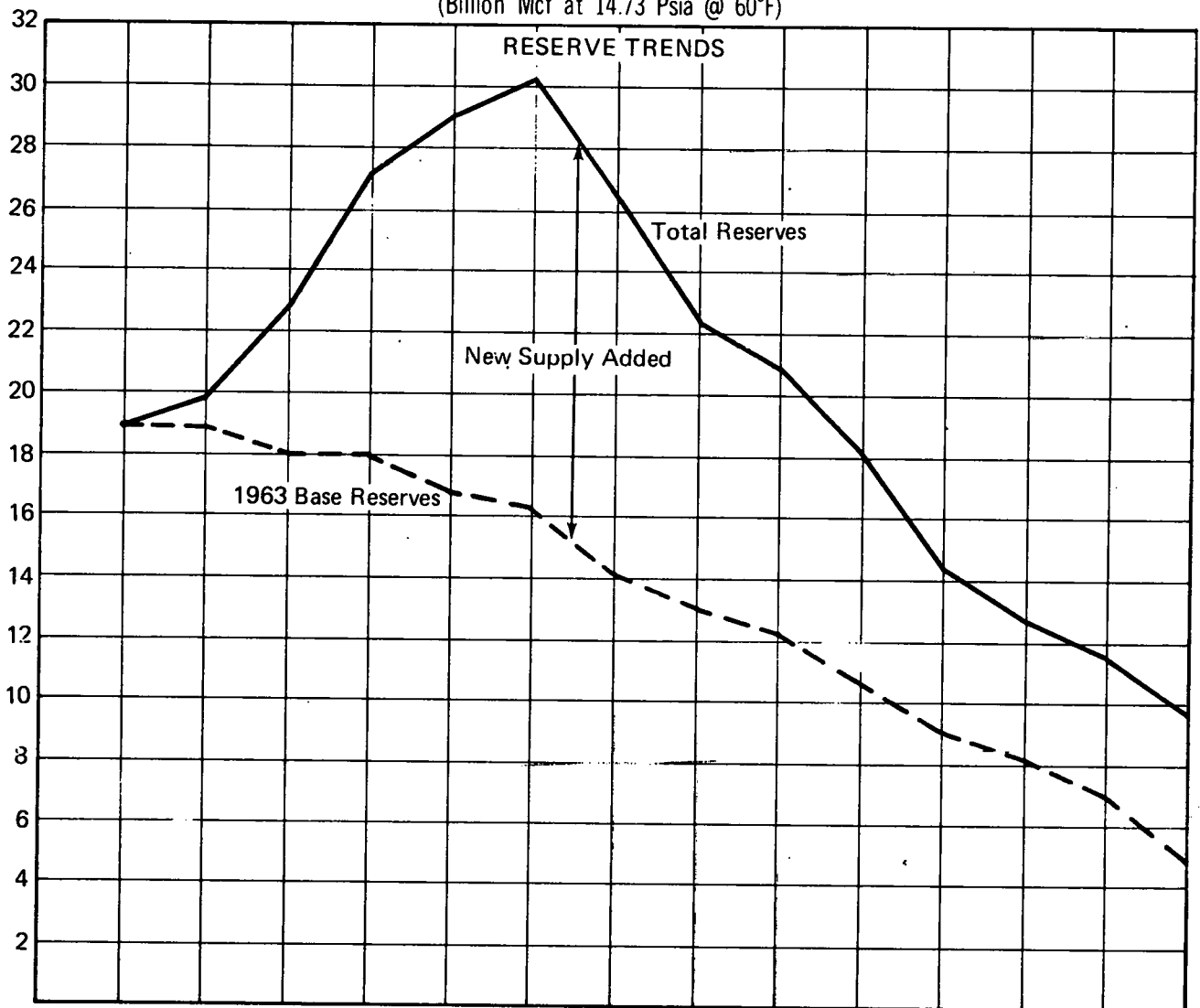


TABLE 17 - PERMIAN BASIN GAS AREA
CHANGES IN GAS RESERVES 1/

05

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			920,325	18,916,155				
1964	RESERVES 12-31-63	18,916,155	1,081,206	1,054,082	18,943,279				
	NEW SUPPLY 1964		899,406	1,756	897,650			899,406	1,756
	TOTAL	18,916,155	1,980,612	1,055,838	19,840,929	1.88	18.8		
1965	RESERVES 12-31-63	18,943,279	136,127	1,038,711	18,040,695				
	NEW SUPPLY 1964-1965		3,889,882	27,271	4,760,261			2,952,431	20,000
	TOTAL	19,840,929	4,026,009	1,065,982	22,800,956	3.78	21.4		
1966	RESERVES 12-31-63	18,040,695	1,021,234	1,022,256	18,039,673				
	NEW SUPPLY 1964-1966		4,522,436	123,496	9,154,201			3,393,439	6,065
	TOTAL	22,800,956	5,543,670	1,150,752	27,193,874	4.82	23.6		
1967	RESERVES 12-31-63	18,039,673	166,944	1,023,718	16,849,011				
	NEW SUPPLY 1964-1967		3,170,854	184,696	12,140,359			3,056,447	10,467
	TOTAL	27,193,874	3,003,910	1,208,414	28,989,370	2.49	24.0		
1968	RESERVES 12-31-63	16,849,011	487,823	1,039,759	16,297,075				
	NEW SUPPLY 1964-1968		2,150,269	409,592	13,880,976			1,799,794	17,343
	TOTAL	28,989,370	2,638,032	1,449,351	30,178,051	1.82	20.0		
1969	RESERVES 12-31-63	16,297,075	1,079,476	1,070,896	14,146,703				
	NEW SUPPLY 1964-1969		1,016,016	584,000	12,280,960			594,556	10,045
	TOTAL	30,178,051	2,095,492	1,654,896	26,427,663	1.27	16.0		
1970	RESERVES 12-31-63	14,146,703	55,236	1,115,965	13,085,974				
	NEW SUPPLY 1964-1970		2,470,619	693,207	9,117,134			144,060	2,824
	TOTAL	26,427,663	2,415,383	1,809,172	22,203,108	1.34	12.3		
1971	RESERVES 12-31-63	13,085,974	203,827	1,109,318	12,180,543				
	NEW SUPPLY 1964-1971		385,465	735,567	8,767,052			166,035	9,134
	TOTAL	22,203,108	589,312	1,844,685	20,947,595	.32	11.4		
1972	RESERVES 12-31-63	12,180,543	476,675	1,391,796	10,612,072				
	NEW SUPPLY 1964-1972		562,741	723,024	7,481,287			173,535	20,725
	TOTAL	20,947,595	1,039,416	1,814,820	18,093,359	.57	10.0		
1973	RESERVES 12-31-63	10,612,072	505,916	1,104,518	9,001,638				
	NEW SUPPLY 1964-1973		342,117	712,880	6,426,290			162,596	14,899
	TOTAL	18,093,359	848,033	1,317,398	15,427,928	.47	8.5		
1974	RESERVES 12-31-63	9,001,638	217,467	1,033,332	8,185,713				
	NEW SUPPLY 1964-1974		225,526	695,346	5,505,418			182,101	12,478
	TOTAL	15,427,928	8,119	1,728,678	13,691,131		7.9		
1975	RESERVES 12-31-63	8,185,713	190,758	952,294	7,042,621				
	NEW SUPPLY 1964-1975		219,857	697,423	4,588,098			98,675	14,043
	TOTAL	13,691,131	410,695	1,649,717	11,630,719	.25	7.1		
1976	RESERVES 12-31-63	7,042,621	406,483	846,290	5,787,848				
	NEW SUPPLY 1964-1976		44,446	623,012	3,920,640			69,911	10,144
	TOTAL	11,630,719	452,929	1,469,302	9,708,488	.31	6.6		
1964-1976	RESERVES @ 12-31-63	18,916,155	374,628	13,502,935	5,787,848				
	NEW SUPPLY 1964-1976		10,136,910	6,216,270	3,920,640			13,692,986	149,923
	TOTAL	18,916,155	10,511,538	19,719,205	9,708,488	.53			

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES. ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

CHART 11 - HUGO-ANADARKO AREA

Interstate Pipeline Companies

Changes in Gas Reserves

(Billion Mcf at 14.73 Psia @ 60°F)

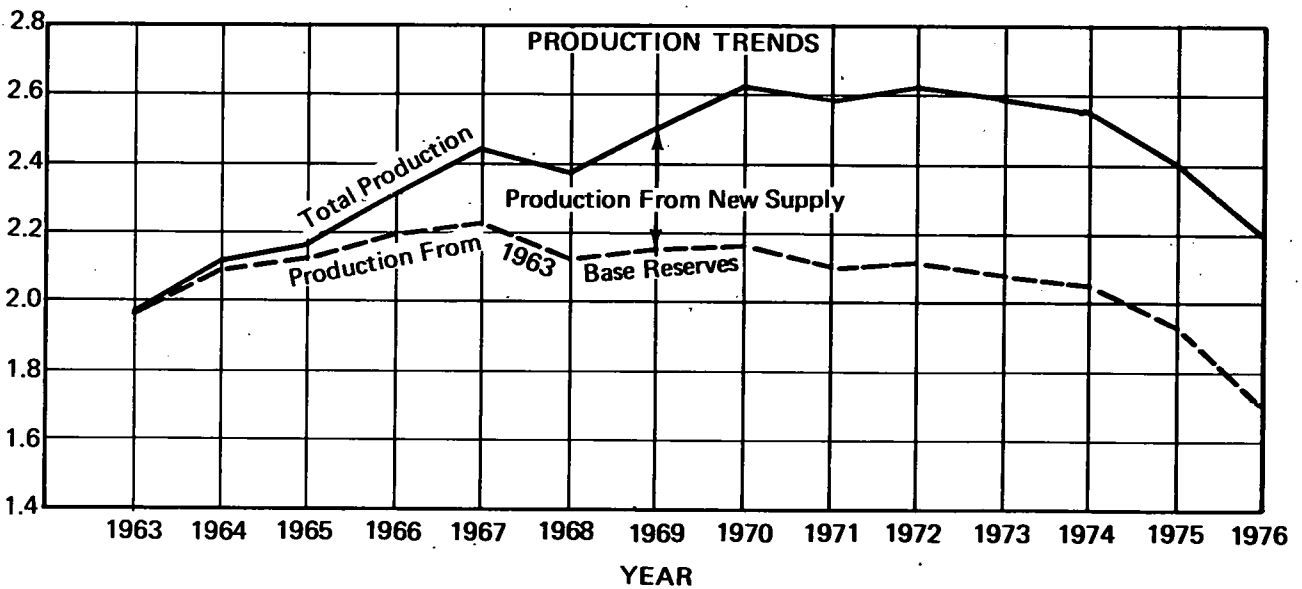
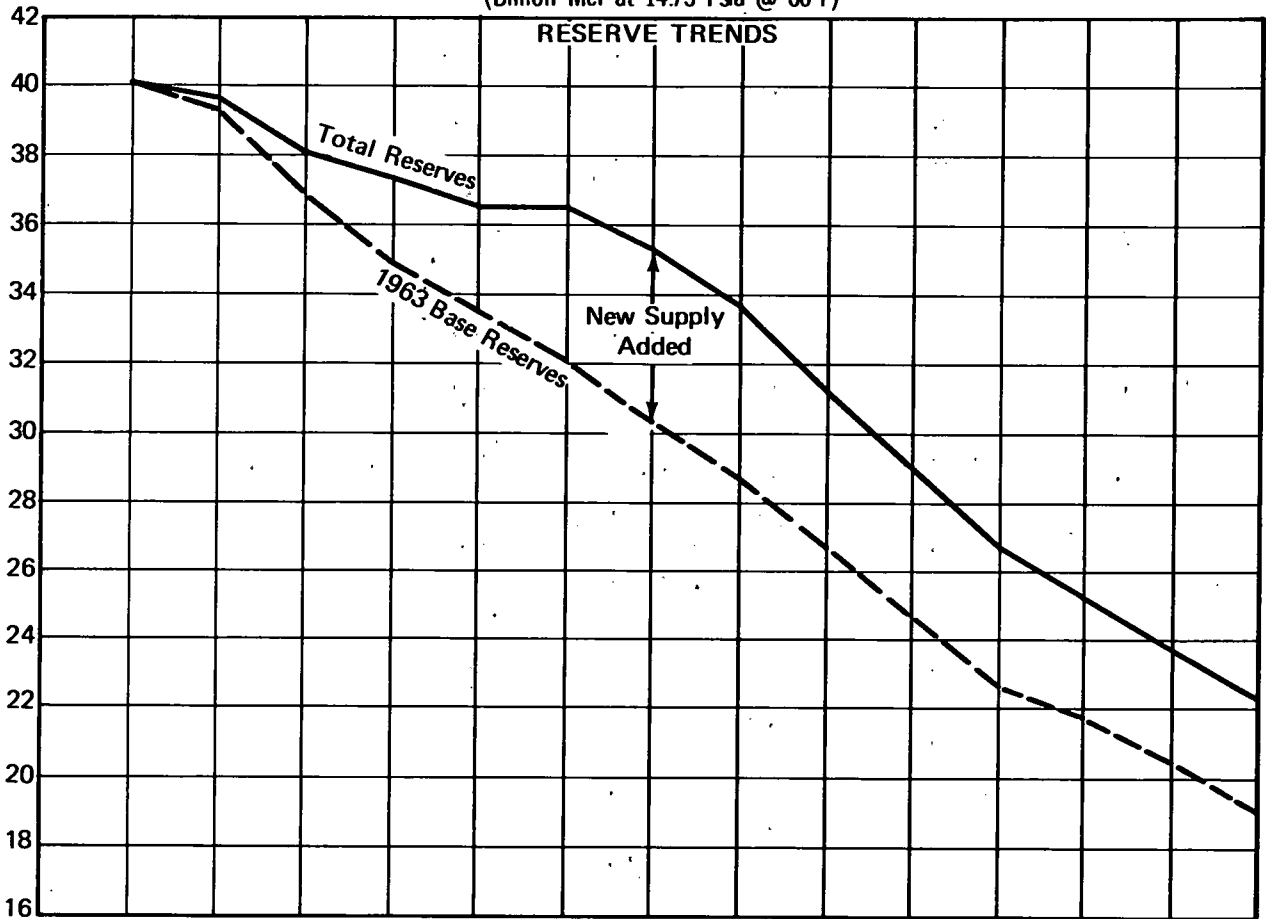


TABLE 18 - HUGOTON - ANADARKO GAS AREA
CHANGES IN GAS RESERVES 1/

(ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			1,962,151	40,223,094				
1964	RESERVES 12-31-63	40,223,094	1,132,954	2,098,836	39,257,212				
	NEW SUPPLY 1964		302,013	6,274	295,739			302,013	6,274
	TOTAL	40,223,094	1,434,967	2,105,110	39,552,951	.68	18.8		
1965	RESERVES 12-31-63	39,257,212	255,644-	2,118,161	36,883,407				
	NEW SUPPLY 1964-1965	295,739	999,417	42,317	1,252,839			926,541	15,098
	TOTAL	39,552,951	743,773	2,160,478	38,136,246	.34	17.7		
1966	RESERVES 12-31-63	36,883,407	251,686	2,197,443	34,937,650				
	NEW SUPPLY 1964-1966	1,252,839	1,204,920	115,173	2,342,586			1,181,935	24,272
	TOTAL	38,136,246	1,456,606	2,312,616	37,280,236	.63	16.1		
1967	RESERVES 12-31-63	34,937,650	762,710	2,225,607	33,474,753				
	NEW SUPPLY 1964-1967	2,342,586	871,140	210,598	3,003,128			831,596	10,432
	TOTAL	37,280,236	1,633,850	2,436,205	36,477,881	.67	15.0		
1968	RESERVES 12-31-63	33,474,753	709,054	2,123,655	32,060,152				
	NEW SUPPLY 1964-1968	3,003,128	1,704,714	243,508	4,464,334			1,415,820	3,744
	TOTAL	36,477,881	2,413,768	2,367,163	36,524,486	1.02	15.4		
1969	RESERVES 12-31-63	32,060,152	412,593	2,151,839	30,320,906				
	NEW SUPPLY 1964-1969	4,464,334	879,487	347,120	4,996,701			660,623	6,486
	TOTAL	36,524,486	1,292,080	2,498,959	35,317,607	.52	14.1		
1970	RESERVES 12-31-63	30,320,906	497,611	2,158,672	28,659,845				
	NEW SUPPLY 1964-1970	4,996,701	485,271	457,573	5,024,399			650,160	17,480
	TOTAL	35,317,607	982,882	2,616,245	33,684,244	.38	12.9		
1971	RESERVES 12-31-63	28,659,845	96,094	2,093,916	26,662,023				
	NEW SUPPLY 1964-1971	5,024,399	45,563-	485,002	4,493,834			218,141	8,020
	TOTAL	33,684,244	50,531	2,578,918	31,155,857	.02	12.1		
1972	RESERVES 12-31-63	26,662,023	162,231	2,117,306	24,706,948				
	NEW SUPPLY 1964-1972	4,493,834	252,255	499,365	4,246,724			426,818	22,011
	TOTAL	31,155,857	414,486	2,616,671	28,953,672	.16	11.1		
1973	RESERVES 12-31-63	24,706,948	18,743	2,084,837	22,640,874				
	NEW SUPPLY 1964-1973	4,246,724	337,776	502,397	4,082,103			320,482	9,610
	TOTAL	28,953,672	356,539	2,587,234	26,722,977	.14	10.3		
1974	RESERVES 12-31-63	22,640,874	1,175,343	2,046,193	21,770,024				
	NEW SUPPLY 1964-1974	4,082,103	48,821-	505,698	3,527,584			395,351	32,196
	TOTAL	26,722,977	1,126,522	2,551,891	25,297,608	.44	9.9		
1975	RESERVES 12-31-63	21,770,024	618,440	1,926,701	20,461,763				
	NEW SUPPLY 1964-1975	3,527,584	145,151	458,739	3,213,996			284,539	15,171
	TOTAL	25,297,608	763,591	2,385,440	23,675,759	.32	9.9		
1976	RESERVES 12-31-63	20,461,763	509,533	1,781,455	19,189,841				
	NEW SUPPLY 1964-1976	3,213,996	443,736	455,535	3,202,197			130,686	8,185
	TOTAL	23,675,759	953,269	2,236,990	22,392,038	.43	10.0		
1964-1976	RESERVES @ 12-31-63	40,223,094	6,091,368	27,124,621	19,189,841				
	NEW SUPPLY 1964-1976		7,531,496	4,329,299	3,202,197			7,744,705	178,979
	TOTAL	40,223,094	13,622,864	31,453,920	22,392,038	.43			

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES @ 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES.
ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

CHART 12 - ROCKY MOUNTAIN AREA

Interstate Pipeline Companies

Changes in Gas Reserves

(Billion Mcf at 14.73 Psia @ 60°F)

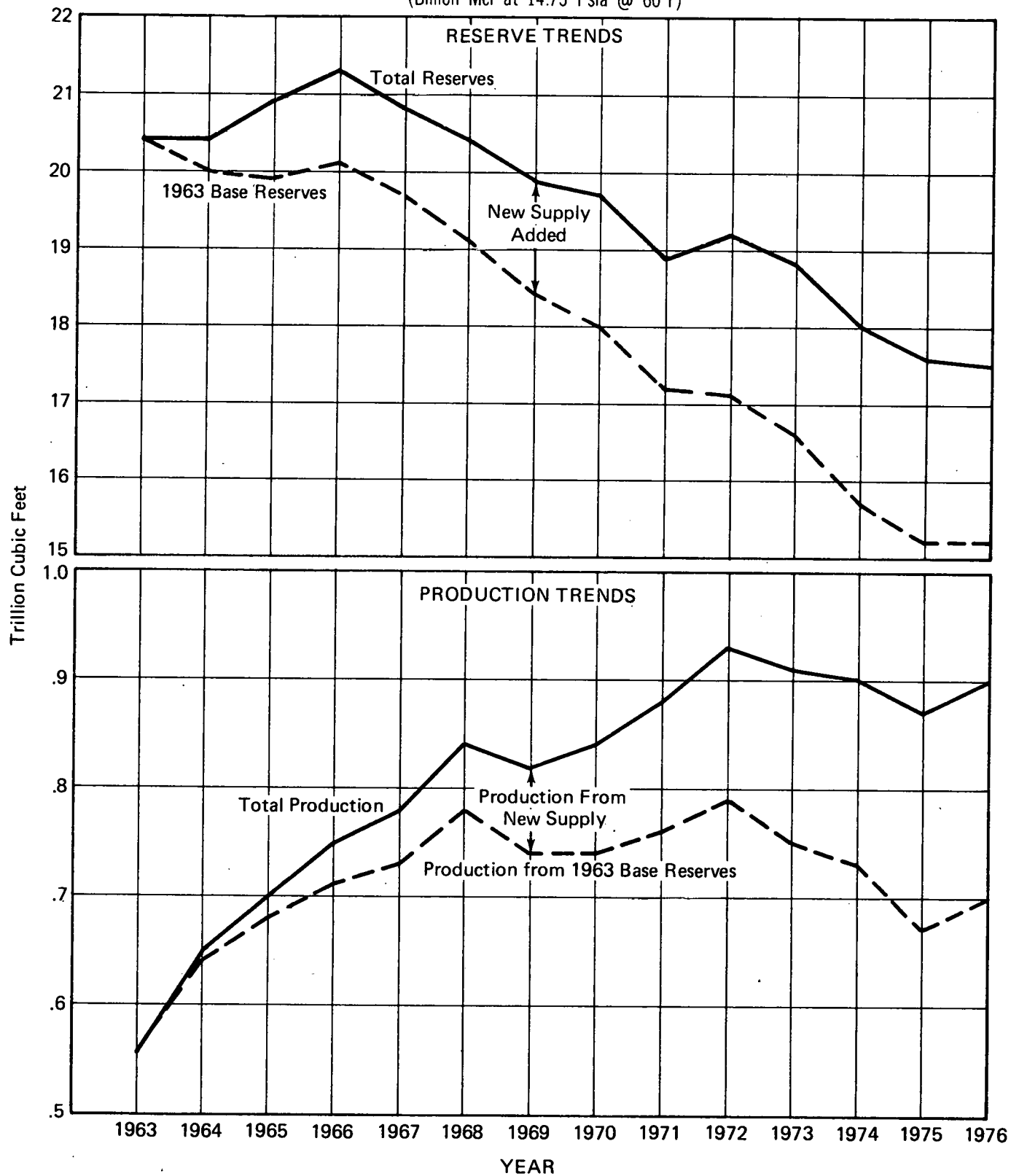


TABLE 19 - ROCKY MOUNTAIN GAS AREA
CHANGES IN GAS RESERVES 1/
ALL VOLUMES IN MILLIONS OF CUBIC FEET (MMCF) AT 14.73 PSIA @ 60 F)

YEAR	ITEM 2/	GAS RESERVES 1ST OF YEAR	REVISIONS 3/ & ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	GAS RESERVES YEAR-END	4/ GC/P RATIO	R/P RATIO	ANNUAL 5/ NEW SUPPLY RESERVES	ADDITIONS PRODUCTION
1963	RESERVES 12-31-63			569,954	20,361,722				
1964	RESERVES 12-31-63	20,361,722	341,803	647,700	20,055,825				
	NEW SUPPLY 1964		319,607	2,443	317,164			319,607	2,443
	TOTAL	20,361,722	661,410	650,143	20,372,989	1.02	31.3		
1965	RESERVES 12-31-63	20,055,825	516,108	679,163	19,892,770				
	NEW SUPPLY 1964-1965		676,349	21,139	972,374			533,923	5,960
	TOTAL	20,372,989	1,192,457	700,302	20,865,144	1.70	29.8		
1966	RESERVES 12-31-63	19,892,770	935,992	714,648	20,114,114				
	NEW SUPPLY 1964-1966		204,304	38,923	1,137,755			231,607	4,018
	TOTAL	20,865,144	1,140,296	753,571	21,251,869	1.51	28.2		
1967	RESERVES 12-31-63	20,114,114	335,051	730,731	19,718,434				
	NEW SUPPLY 1964-1967		37,841	47,035	1,128,561			177,002	680
	TOTAL	21,251,869	372,892	777,766	20,846,995	.48	26.8		
1968	RESERVES 12-31-63	19,718,434	209,853	781,941	19,146,346				
	NEW SUPPLY 1964-1968		181,340	60,912	1,248,989			172,264	2,380
	TOTAL	20,846,995	391,193	842,853	20,395,335	.46	24.2		
1969	RESERVES 12-31-63	19,146,346	36,268	738,023	18,444,591				
	NEW SUPPLY 1964-1969		252,528	78,577	1,422,940			197,840	279
	TOTAL	20,395,335	288,796	816,600	19,867,531	.35	24.3		
1970	RESERVES 12-31-63	18,444,591	267,081	743,182	17,968,490				
	NEW SUPPLY 1964-1970		409,606	95,056	1,737,490			254,364	3,073
	TOTAL	19,867,531	676,687	838,238	19,705,980	.81	23.5		
1971	RESERVES 12-31-63	17,968,490	54,523	759,883	17,154,034				
	NEW SUPPLY 1964-1971		143,631	118,122	1,762,999			182,399	186
	TOTAL	19,705,980	89,108	878,005	18,917,083	.10	21.5		
1972	RESERVES 12-31-63	17,154,084	689,862	790,442	17,053,504				
	NEW SUPPLY 1964-1972		478,785	140,788	2,100,996			718,735	11,817
	TOTAL	18,917,083	1,168,647	931,230	19,154,500	1.25	20.6		
1973	RESERVES 12-31-63	17,053,504	263,357	753,637	16,563,264				
	NEW SUPPLY 1964-1973		307,860	159,747	2,249,109			314,074	2,548
	TOTAL	19,154,500	571,257	913,384	18,812,373	.63	20.6		
1974	RESERVES 12-31-63	16,563,264	101,306	726,004	15,735,954				
	NEW SUPPLY 1964-1974		162,043	176,490	2,234,662			192,720	5,921
	TOTAL	18,817,373	60,737	902,494	17,970,616	.07	19.9		
1975	RESERVES 12-31-63	15,735,954	118,525	660,364	15,194,115				
	NEW SUPPLY 1964-1975		416,037	206,460	2,444,239			108,121	3,071
	TOTAL	17,970,616	534,562	866,824	17,638,354	.62	20.3		
1976	RESERVES 12-31-63	15,194,115	648,857	689,783	15,153,229				
	NEW SUPPLY 1964-1976		156,014	210,437	2,389,816			60,455	2,671
	TOTAL	17,638,354	804,911	900,220	17,543,045	.89	19.5		
1964-1976	RESERVES 12-31-63	20,361,722	4,207,008	9,415,501	15,153,229				
	NEW SUPPLY 1964-1976		3,745,945	1,356,129	2,389,816			3,463,111	45,047
	TOTAL	20,361,722	7,952,953	10,771,630	17,543,045	.74			

1/ SOURCE, FORM 15 REPORTS ADJUSTED TO ELIMINATE DUPLICATIONS.

2/ ITEM "RESERVES 12-31-63" REPRESENTS TOTAL RESERVES AND PRODUCTION FOR ALL GAS SUPPLY SOURCES REPORTED AS OF YEAR-END 1963 AND THE ANNUAL CHANGES IN RESERVES AND PRODUCTION FOR THESE SAME GAS SUPPLY SOURCES. ITEM "NEW SUPPLY..." SHOWS THE YEAR-END RESERVES, ANNUAL PRODUCTION AND CHANGES IN RESERVES FOR ALL NEW SOURCES OF SUPPLY REPORTED IN FORM 15 SINCE 1963.

3/ THE ARITHMETICAL DIFFERENCES BETWEEN THE CURRENT YEAR-END RESERVES PLUS PRODUCTION AND THE PREVIOUS YEAR-END RESERVES.

4/ RATIO OF "REVISIONS AND ADDITIONS" TO "ANNUAL PRODUCTION".

5/ NEW SUPPLY (FIELD OR PLANT) REPORTED FOR THE FIRST TIME IN THE YEAR SHOWN IS COMPILED ON A COMPANY BY COMPANY BASIS AND DOES NOT INCLUDE NEW RESERVOIRS OR NEW DEDICATION IN FIELDS OR PLANTS REPORTED IN THE PREVIOUS YEAR. VOLUMES REPORTED AS RESERVES REPRESENT YEAR-END RESERVES PLUS THE PRODUCTION FOR THAT YEAR.

TABLE: 20

DEDICATED GAS RESERVES, PRODUCTION AND RESERVES BY TYPE OF GAS
BY STATE
ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
				NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
ALABAMA		92,434	5,801	92,434		
ARKANSAS		1,510,634	70,806	1,384,938	125,696	
COLORADO		1,652,940	138,295	1,519,488	51,905	81,487
FLORIDA		217,340	16,135		217,340	
ILLINOIS			131			
KANSAS		10,858,348	680,998	10,796,804	41,346	20,198
KENTUCKY		471,498	61,371	217,764		253,734
LOUISIANA		30,510,313	5,308,800	25,473,483	5,302,643	5,734,187
NORTHERN LOUISIANA		1,565,816	203,011	1,382,363	99,366	84,087
SOUTHERN LOUISIANA		32,133,106	4,966,426	24,091,120	5,203,277	2,838,709
SOUTHERN LOUISIANA WARPANTY	/1	2,811,391	139,363			2,811,391
MARYLAND		611	79	611		
MISSISSIPPI		229,333	43,614	214,407	4,121	10,805
MONTANA		797,800	26,601	787,200	5,781	4,819
NEBRASKA		66,889	3,829	30,170		36,719
NEW MEXICO		13,354,680	987,403	11,269,208	521,113	1,564,359
SAN JUAN BASIN		19,152,752	460,490	9,630,348	7,064	515,340
NEW MEXICO PERMIAN BASIN		3,201,928	520,913	1,638,860	514,049	1,049,019
NEW YORK		33,516	3,129	33,461	55	
NORTH DAKOTA		226,939	9,918		64,423	162,516
OHIO		168,636	23,544			168,636
OKLAHOMA		7,829,565	919,642	6,737,601	616,482	535,682
PENNSYLVANIA		396,715	34,326	375,422		21,293
MISSISSIPPI		2,497		2,497		
TEXAS		17,567,533	2,631,571	11,815,059	1,931,773	3,820,671
TEXAS RAILROAD DIST. #1 (SOUTH)		180,615	40,355	161,693	18,922	
TEXAS RAILROAD DISTRICT NO. 2		573,164	108,258	340,672	231,059	1,433
TEXAS RAILROAD DISTRICT NO. 3		587,611	127,097	329,175	80,362	178,074
TEXAS RAILROAD DISTRICT NO. 4		3,028,432	409,282	1,640,486	977,509	410,437
TEXAS RAILROAD DISTRICT NO. 5		22,087	2,662	106	21,981	
TEXAS RAILROAD DISTRICT NO. 6		727,440	111,684	690,091	21,444	15,905
TEXAS RAILROAD DISTRICT NO. 7B		3,341	961	41		3,300
TEXAS RAILROAD DISTRICT NO. 7C		1,001,709	145,466	812,035	81,885	107,789
TEXAS RAILROAD DISTRICT NO. 8		5,333,500	766,259	3,587,963	288,477	1,457,060
TEXAS RAILROAD DISTRICT NO. 8A		130,967	31,965	7,065	28,134	95,768
TEXAS RAILROAD DISTRICT NO. 9		328,703	43,125	293,288	31,486	3,929
TEXAS RAILROAD DISTRICT NO. 10		3,456,164	797,323	3,435,815	150,514	1,369,835
TEXAS-OFFSHORE		193,770	47,134	16,629		177,141
UTAH		252,143	26,541	117,497	57,907	76,739
VIRGINIA		40,993	6,688	4,127		36,866
WEST VIRGINIA		1,478,789	132,377	1,070,267		408,522
WYOMING		4,393,532	228,546	3,997,931	144,672	250,979
UNDIFFERENTIATED	/2	68,387	26,463			68,387
TOTAL ALL COMPANIES		93,282,085	11,388,608	75,940,169	9,085,317	13,256,599

- 1/ WARRANTY RESERVES ARE RESERVES GUARANTEED BY CONTRACT BUT NOT SUPPORTED BY THE DEDICATION OF SPECIFIC PROVED SOURCES OF SUPPLY.
- 2/ RESERVES AND PRODUCTION NOT SEPARABLE BY FEED GAS AREAS.

TABLE: 21

DEDICATED GAS RESERVES, PRODUCTION AND RESERVES BY TYPE OF GAS
BY STATEALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS--- ASSOCIATED AND DISSOLVED UNDESIGNATED	
				NON- ASSOCIATED	AND DISSOLVED UNDESIGNATED
ALABAMA					
**FLORIDA GAS TRANS CO		43,485	2,890	43,485	
**SOUTHERN NATURAL GAS CO		48,949	2,911	48,949	
STATE TOTAL		92,434	5,801	92,434	
ARKANSAS					
**ARKANSAS LOUISIANA GAS CO		17,749	4,932	9,505	68,244
*LOUISIANA NEVADA TRANSIT CO		30,966			30,966
**NATURAL GAS P L CO OF AMER		1,482	742		1,482
**TEXAS GAS TRANSMISSION CORP		28,403	3,389	3,399	25,004
**ARKANSAS LOUISIANA GAS CO		1,372,034	61,743	1,372,034	
STATE TOTAL		1,510,634	70,806	1,384,938	125,696
COLORADO					
**EL PASO NATURAL GAS CO		46,590	2,400	46,590	
**NORTHWEST PIPELINE CORP		377,510	10,365	377,510	
*MOUNTAIN FUEL RESOURCES INC		37,659	4,876		37,659
**MOUNTAIN FUEL SUPPLY CO		363,777	19,858	361,717	2,060
**NORTHWEST PIPELINE CORP		180,537	10,905	180,537	
**COLD INTERSTATE GAS CO		165,366	39,614	104,693	25,899
**KANSAS NEBRASKA NAT GAS CO		25,218	2,951	13,492	8,886
**NORTHWEST NATURAL GAS CO		25,369	3,020	25,369	
**PANHANDLE EASTERN P L CO		430,914	44,306	409,580	15,120
STATE TOTAL		1,652,940	138,255	1,519,488	51,965
FLORIDA					
**FLORIDA GAS TRANS CO		217,340	16,135		217,340
STATE TOTAL		217,340	16,135		217,340
ILLINOIS					
**PANHANDLE EASTERN P L CO			131		
STATE TOTAL			131		
KANSAS					
**ARKANSAS LOUISIANA GAS CO		5,069	69	1,924	3,145
**CITIES SERVICE GAS CO		3,358,734	214,384	3,356,232	2,348
**COLD INTERSTATE GAS CO		950,258	72,660	943,883	6,014
**EL PASO NATURAL GAS CO		196,500	16,900	196,500	
**KANSAS NEBRASKA NAT GAS CO		1,062,148	58,829	1,061,210	938
**MICHIGAN WIS PIPE LINE CO		12,713	5,321	1,980	10,733
**NORTHERN NATURAL GAS CO		3,112,556	190,443	3,095,697	16,859
**PANHANDLE EASTERN P L CO		2,151,518	121,531	2,139,378	12,042
*ZENITH NATURAL GAS CO		8,852	861		8,852
STATE TOTAL		12,858,348	680,998	10,796,804	41,346
KENTUCKY					
**COLUMBIA GAS TRANS CORP		230,774	29,669		230,774
*INLAND GAS CO INC		22,960	2,102		22,960
*KENTUCKY WEST VA GAS CO		214,568	29,387	214,568	
*TEXAS GAS TRANSMISSION CORP		3,196	213	3,196	
STATE TOTAL		471,498	61,371	217,764	253,734
LOUISIANA					
NORTHERN LOUISIANA					
**ARKANSAS LOUISIANA GAS CO		647,896	48,394	625,524	17,953
**COLUMBIA GAS TRANS CORP		47	42		47
**CONSOLIDATED G SUPPLY CORP		1,293	391	1,293	
*GEORGIA PACIFIC CORP		3,319	1,459		3,319
*HURNER AND SMITH		1,353	1,708		1,353
*INTERNATIONAL PAPER CO		40,931	730		40,931
*LOUISIANA NEVADA TRANSIT CO		56,191	4,875		56,191
*MICHIGAN WIS PIPE LINE CO		30,467	1,726	10,629	19,838
*MID-LOUISIANA GAS CO		85,521	17,194	83,332	1,759
*MISS RIVER TRANS CORP		42,866	5,773	42,866	430
**SOUTHERN NATURAL GAS CO		120,616	27,975	117,411	3,205
*TENNESSEE G PL DIV TENNECO		29,020	915	25,261	3,759
*TEXAS EASTERN TRANS CORP		101,501	27,036	73,523	15,751
*TEXAS GAS TRANSMISSION CORP		113,800	20,510	113,800	12,287
*TRANSCONTINENTAL G P L CORP			61		
*UNITED GAS PIPE LINE CO		289,472	43,670	288,724	748
*VALLEY GAS TRANS INC		1,463	552		1,463
AREA TOTAL		1,565,816	203,011	1,392,363	99,366
SOUTHERN LOUISIANA					
**ARKANSAS LOUISIANA GAS CO		97,350		97,350	
**COLUMBIA GAS TRANS CORP		3,055,393	468,835	2,534,458	426,240
*COLUMBIA GULF TRANS CO		56,846	5,493	56,846	
**CONSOLIDATED G SUPPLY CORP		122,971	31,158	114,280	8,691
**FLORIDA GAS TRANS CO		106,414	26,167	93,358	13,033
*MICHIGAN WIS PIPE LINE CO		3,690,090	438,517	3,253,184	430,267
*MID-LOUISIANA GAS CO		26,745	998	4,573	565
**NATURAL GAS P L CO OF AMER		2,535,894	322,675	1,538,620	997,274
*NORTHERN NATURAL GAS CO			517		
*SEA ROBIN PIPELINE COMPANY		574,344	251,340	364,109	125,835
*SOUTHERN NATURAL GAS CO		2,133,715	381,500	1,451,430	682,285
*TENNESSEE G PL DIV TENNECO		7,700,468	996,519	5,227,749	2,002,663
*TEXAS EASTERN TRANS CORP		1,182,372	253,066	1,028,114	120,209
*TEXAS GAS TRANSMISSION CORP		2,935,002	428,043	2,875,009	79,917
*TRANSCONTINENTAL G P L CORP		3,835,302	539,644	2,148,218	614,126
*TRANSLINE GAS CO		1,711,711	303,369	1,619,063	92,648
*UNITED GAS PIPE LINE CO		2,291,557	517,234	1,634,759	606,798
*VALLEY GAS TRANS INC		6,932	1,351		6,932
AREA TOTAL		32,133,106	4,966,426	24,091,120	5,203,277

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.

** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FORM-15 REPORT OR DATE OF FIRST FILING.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
				NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
SOUTHERN LOUISIANA WARRANTY		/2				
	**FLORIDA GAS TRANS CO	301,206	4,297			301,206
	**TEXAS EASTERN TRANS CORP	2,510,185	135,066			2,510,185
	AREA TOTAL	2,811,391	139,363			2,811,391
	STATE TOTAL	36,510,313	5,308,800	25,473,483	5,302,643	5,734,187
MARYLAND						
	**COLUMBIA GAS TRANS CORP	611	79	611		
	STATE TOTAL	611	79	611		
MISSISSIPPI						
	*CROWN-ZELLERBACH CORP	9,124	4,641			9,124
	**FLORIDA GAS TRANS CO	46	29	46		
	**SOUTHERN NATURAL GAS CO	181,871	27,291	180,190		1,681
	**TENNESSEE G P L DIV TENNECO	1,746	698	1,746		
	**TEXAS EASTERN TRANS CORP	670	613	670		
	**TRANSCONTINENTAL G P L CORP	3,793	528	2,470	1,323	
	**UNITED GAS PIPE LINE CO	32,083	9,814	29,285	2,798	
	STATE TOTAL	229,333	43,614	214,407	4,121	10,805
MONTANA						
	**COLUMBIA INTERSTATE GAS CO	736	112	736		
	**MONTANA DAKOTA UTILITIES CO	19,954	973	15,135		4,819
	**KANSAS NEBRASKA NAT GAS CO	14,585	737	14,585		
	**MONTANA DAKOTA UTILITIES CO	279,615	9,234	273,834	5,781	
	**NORTHERN NATURAL GAS CO	482,910	15,545	482,910		
	STATE TOTAL	797,800	26,601	787,200	5,781	4,819
NEBRASKA						
	**KANSAS NEBRASKA NAT GAS CO	66,889	3,829	30,170		36,719
	STATE TOTAL	66,889	3,829	30,170		36,719
NEW MEXICO						
	SAN JUAN BASIN					
	**EL PASO NATURAL GAS CO	3,623,429	394,653	8,108,089		515,340
	**NORTHWEST PIPELINE CORP	1,529,323	71,837	1,522,259	7,064	
	AREA TOTAL	10,152,752	466,490	9,630,348	7,064	515,340
	NEW MEXICO PERMIAN BASIN					
	**COLUMBIA INTERSTATE GAS CO	1,134	847	1,134		
	**EL PASO NATURAL GAS CO	1,653,367	254,292	353,582	400,880	898,905
	**NATURAL GAS P L CO OF AMER	792,275	90,276	759,648	96	32,531
	**NORTHERN NATURAL GAS CO	472,863	103,058	350,557	111,738	10,568
	**PACIFIC GAS TRANSMISSION CO	935	196			905
	**TRANSWESTERN PIPELINE CO	270,615	69,579	173,939	1,335	95,341
	**WESTERN GAS INTERSTATE CO	10,769	2,665			10,769
	AREA TOTAL	3,201,928	520,913	1,638,860	514,049	1,049,019
	STATE TOTAL	13,354,680	987,403	11,269,208	521,113	1,564,359
NEW YORK						
	**COLUMBIA GAS TRANS CORP	5,371	1,331	2,318		55
	**CONSUMERS NATURAL GAS SUPPLY CORP	8,535	574	8,565		
	**NATIONAL FUELS CORP	19,580	1,224	19,580		
	STATE TOTAL	33,516	3,129	33,461		55
NORTH DAKOTA						
	**MONTANA DAKOTA UTILITIES CO	226,939	9,918		64,423	162,516
	STATE TOTAL	226,939	9,918		64,423	162,516
OHIO						
	**COLUMBIA GAS TRANS CORP	168,636	25,544			168,636
	STATE TOTAL	168,636	25,544			168,636
OKLAHOMA						
	**ARKANSAS LOUISIANA GAS CO	1,389,648	108,240	1,349,648		
	*ARKANSAS OKLAHOMA GAS CO	18,424	1,093			18,424
	*CIMARRON TRANSMISSION CO	44,171	8,898	5,976	37,100	1,095
	**CITIES SERVICE GAS CO	76,777	10,363	8,573	7,687	60,517
	**EL PASO NATURAL GAS CO	6,700	700			6,700
	*EL PASO NATURAL GAS CO	270,061	30,746	33,656	221,906	14,499
	**NATURAL GAS P L CO OF AMER	2,998	281		2,998	
	*UNION GAS SYSTEM INC	3,260	652			3,260
	**ARKANSAS LOUISIANA GAS CO	71,195	2,362	71,195		
	**CITIES SERVICE GAS CO	673,141	54,530	638,849		14,292
	**COLUMBIA INTERSTATE GAS CO	408,939	57,147	246,455	121,527	957
	**EL PASO NATURAL GAS CO	82,709	7,325	82,709		
	**KANSAS NEBRASKA NAT GAS CO	140,626	20,125	140,626		
	**MICHIGAN WIS PIPE LINE CO	629,145	105,028	627,636	649	860
	**NATURAL GAS P L CO OF AMER	333,612	38,712	326,921	6,691	
	**NORTHERN NATURAL GAS CO	1,022,660	101,065	1,004,422	18,246	
	**PANHANDLE EASTERN P L CO	821,771	111,034	718,035	68,691	35,045
	**TRANSCONTINENTAL G P L CORP		2,068			
	**TRANSWESTERN PIPELINE CO	37,173	9,454	34,404	2,769	
	**WESTERN GAS INTERSTATE CO	22,440	1,496			22,440
	**ARKANSAS LOUISIANA GAS CO	480,712	28,994	460,619	8,926	11,167
	**CITIES SERVICE GAS CO	234,170	34,836	85,431	20,441	128,298
	**COLUMBIA GAS TRANS CORP	1,508				1,508
	**EL PASO NATURAL GAS CO	156,431	29,858	156,431		
	**KANSAS NEBRASKA NAT GAS CO	39,908	4,931	39,908		
	**MICHIGAN WIS PIPE LINE CO	293,155	48,823	290,227	2,906	22
	*MISS RIVER TRANS CORP	5,661				
	**NATURAL GAS P L CO OF AMER	181,759	16,381	30,424	48,465	52,870
	**NORTHERN NATURAL GAS CO	1,123	17	1,123		
	*OKLAHOMA NAT GAS CO WITH LUMP	69,198	14,604	58		69,140
	**PANHANDLE EASTERN P L CO	369,932	69,718	228,414	47,480	94,088
	*WEFLER GAS CO	500	141			500
	STATE TOTAL	7,889,965	919,642	6,737,401	616,482	535,682

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/2 WARRANTY RESERVES ARE RESERVES GUARANTEED BY CONTRACT BUT NOT SUPPORTED BY THE DEDICATION OF SPECIFIC PROVED SOURCES OF SUPPLY.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
				NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
PENNSYLVANIA						
	*BLACKSVILLE OIL AND GAS CO	122	6			122
	*CARNEGIE NATURAL GAS CO	15,352	1,865	15,352		
	*COLUMBIA GAS TRANS CORP	26,429	5,326	5,258		21,171
	*CONSOLIDATED G SUPPLY CORP	139,296	16,799	139,296		
	*EQUITABLE GAS CO	55,809	3,774	55,809		
	*NATIONAL FUELS CORP	159,707	6,556	159,707		
	STATE TOTAL	396,715	34,326	315,422		21,293
TENNESSEE						
	**TENNESSEE G PL DIV TENNECO	2,497		2,497		
	STATE TOTAL	2,497		2,497		
TEXAS						
	TEXAS RAILROAD DIST. #1 (NORTH)					
	**EL PASO NATURAL GAS CO	6,503	1,357	6,503		
	**NATURAL GAS P L CO OF AMER	41,619	11,553	41,619		
	**NORTHERN NATURAL GAS CO	30,240	2,381	30,540		
	**TENNESSEE G PL DIV TENNECO	5,139	473	5,139		
	**TEXAS EASTERN TRANS CORP	3,428	1,893	2,774	650	
	**TRANSCONTINENTAL G P L COR	93,386	22,698	75,114	18,272	
	DISTRICT TOTAL	180,615	40,355	161,693	18,922	
	TEXAS RAILROAD DISTRICT NO. 2					
	**ARKANSAS LOUISIANA GAS CO	472	124	472		
	**FLORIDA GAS TRANS CO	1,654	612	1,539	115	
	**NATURAL GAS P L CO OF AMER	47,825	8,038	39,508	7,163	1,154
	*REGIS GAS SYSTEMS INC	279	571			279
	**TENNESSEE G PL DIV TENNECO	179,579	13,054	48,611	130,968	
	**TEXAS EASTERN TRANS CORP	71,912	23,611	47,070	24,842	
	**TRANSCONTINENTAL G P L COR	72,704	14,057	23,368	49,336	
	**TRUNKLINE GAS CO	41,405	8,645	11,405		
	**UNITED GAS PIPE LINE CO	157,334	39,546	138,699	18,635	
	DISTRICT TOTAL	573,164	108,258	340,672	231,059	1,433
	TEXAS RAILROAD DISTRICT NO. 3					
	**FLORIDA GAS TRANS CO	35,847	6,550	32,971	2,876	
	*NATIONAL FUELS CORP	36,286	18,197			36,286
	**NATURAL GAS P L CO OF AMER	223,451	38,599	127,296	22,240	73,915
	**TENNESSEE G PL DIV TENNECO	145,065	20,643	87,132	31,526	26,407
	**TEXAS EASTERN TRANS CORP	50,806	21,330	14,582	12,328	23,896
	*TEXAS GAS PIPE LINE CORP	17,332	2,751			17,332
	**TRANSCONTINENTAL G P L COR	36,049	6,805	28,310	7,739	
	**TRUNKLINE GAS CO	29,233	6,878	25,824	3,409	
	**UNITED GAS PIPE LINE CO	13,304	5,229	13,060	244	
	*VALLEY GAS TRANS INC	238	115			238
	DISTRICT TOTAL	587,611	127,097	329,175	80,362	178,074
	TEXAS RAILROAD DISTRICT NO. 4					
	**COLUMBIA GAS TRANS CORP	55,621				55,621
	**FLORIDA GAS TRANS CO	75,505	13,690	73,811	1,578	116
	**NATURAL GAS P L CO OF AMER	913,307	102,265	570,011	189,724	153,572
	**SOUTH TEX NAT GAS BATH CO	215,294	33,775	214,565	719	
	**TENNESSEE G PL DIV TENNECO	1,141,949	132,535	430,706	587,559	123,684
	**TEXAS EASTERN TRANS CORP	67,517	23,070	59,077	8,440	
	**TRANSCONTINENTAL G P L COR	156,897	35,608	28,347	61,883	66,667
	**TRUNKLINE GAS CO	204,366	42,238	113,624	90,742	
	**UNITED GAS PIPE LINE CO	187,219	23,413	150,345	36,864	10
	*VALLEY GAS TRANS INC	10,767	2,688			10,767
	DISTRICT TOTAL	3,028,432	409,282	1,640,486	977,509	410,437
	TEXAS RAILROAD DISTRICT NO. 5					
	**UNITED GAS PIPE LINE CO	22,087	2,662	106	21,981	
	DISTRICT TOTAL	22,087	2,662	106	21,981	
	TEXAS RAILROAD DISTRICT NO. 6					
	**ARKANSAS LOUISIANA GAS CO	322,207	26,455	305,597	1,124	15,486
	*COLUMBIA GAS TRANS CORP	409				409
	*MISS RIVER TRANS CORP	6,291	1,467	6,291		
	**NATURAL GAS P L CO OF AMER	91,560	4,281	90,697	853	10
	**SOUTHERN NATURAL GAS CO	22,458	6,338	22,458		
	**TENNESSEE G PL DIV TENNECO	98,175	16,188	98,175		
	**TEXAS EASTERN TRANS CORP	17,414	6,628	15,087	2,327	
	*TEXAS GAS TRANSMISSION COR	30,946	6,543	30,946		
	**UNITED GAS PIPE LINE CO	137,980	43,784	120,840	17,140	
	DISTRICT TOTAL	727,440	111,684	690,091	21,444	15,905

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ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	COMPANY NAME	1976	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
		YEAR-END GAS RESERVES		NON- ASSOCIATED	ASSOCIATED AND DISSOLVED UNDESIGNATED	
TEXAS RAILROAD DISTRICT NO. 7B						
**EL PASO NATURAL GAS CO		3,300	900			3,300
**NATURAL GAS P L CO OF AMER		41	61	41		
DISTRICT TOTAL		3,341	961	41		3,300
TEXAS RAILROAD DISTRICT NO. 7C						
**EL PASO NATURAL GAS CO		553,076	94,296	445,287		107,789
**NATURAL GAS P L CO OF AMER		4,708	168	4,708		
**NORTHERN NATURAL GAS CO		443,925	51,002	362,040	81,885	
DISTRICT TOTAL		1,001,709	145,466	812,035	81,885	107,789
TEXAS RAILROAD DISTRICT NO. d						
**COLUMBIA GAS TRANS CORP		1,633	12			1,633
**EL PASO NATURAL GAS CO		2,035,540	270,288	1,136,714	13,702	885,124
**NATURAL GAS P L CO OF AMER		241,906	53,079	241,906		
**NORTHERN NATURAL GAS CO		1,722,685	216,148	1,469,885	252,800	
**PACIFIC GAS TRANSMISSION C		9,510	728			9,510
**TRANSWESTERN PIPELINE CO		1,131,950	141,190	549,182	21,975	560,793
**WEST TEXAS GATH CO		190,276	84,814	190,276		
DISTRICT TOTAL		5,333,500	766,259	3,587,963	288,477	1,457,060
TEXAS RAILROAD DISTRICT NO. 8A						
**EL PASO NATURAL GAS CO		117,068	29,114	600	20,700	95,768
**NORTHERN NATURAL GAS CO		13,899	2,851	6,465	7,434	
DISTRICT TOTAL		130,967	31,965	7,065	28,134	95,768
TEXAS RAILROAD DISTRICT NO. 9						
*LCNE STAP GAS CO		18,311	2,799	2,513	11,869	3,929
**NATURAL GAS P L CO OF AMER		310,392	40,326	290,775	19,617	
DISTRICT TOTAL		328,703	43,125	293,288	31,486	3,929
TEXAS RAILROAD DISTRICT NO. 10						
**ARKANSAS LOUISIANA GAS CO		94,897	11,679	94,897		
*CAPROCK PIPELINE CO		26,995	1,123	26,995		
**CITIES SERVICE GAS CO		373,713	36,233	373,597	82	34
**COLD INTERSTATE GAS CO		1,103,768	159,086	3,092		1,100,676
**EL PASO NATURAL GAS CO		433,828	68,445	201,887		231,941
**KANSAS NEBRASKA NAT GAS CO		166,810	17,430	145,912	907	
**MICHIGAN WIC PIPE LINE CO		530,631	54,119	530,631		
*MISS RIVER TRANS CORP		168,612	42,757	168,612		
**NATURAL GAS P L CO OF AMER		773,298	126,262	695,513	77,785	
**NORTHERN NATURAL GAS CO		892,897	127,149	855,244	37,369	284
**PACIFIC GAS TRANSMISSION C		1,248	191			1,248
**PANHANDLE EASTERN P L CO		651,286	99,615	620,714	6,255	24,317
**TRANSWESTERN PIPELINE CO		258,172	53,174	218,721	28,116	11,335
DISTRICT TOTAL		5,456,164	797,323	3,935,815	150,514	1,369,835
TEXAS-OFFSHORE						
**NATURAL GAS P L CO OF AMER		44,072	12,248	8,769		35,303
**TEXAS EASTERN TRANS CORP		7,860	1,707	7,860		
**TRANSCONTINENTAL G P L COR		141,838	33,179			141,838
DISTRICT TOTAL		193,770	47,134	16,629		177,141
STATE TOTAL						
		17,567,503	2,631,571	11,815,059	1,931,773	3,820,671
UTAH						
**EL PASO NATURAL GAS CO		27,400	3,642			27,400
**MOUNTAIN FUEL SUPPLY CO		165,187	19,253	92,906	57,907	14,374
**NORTHWEST PIPELINE CORP		59,556	4,646	24,591		34,965
STATE TOTAL		252,143	26,541	117,497	57,907	76,739
VIRGINIA						
**COLUMBIA GAS TRANS CORP		36,866	6,148			36,866
**CONSOLIDATED G SUPPLY CORP		4,127	540	4,127		
STATE TOTAL		40,993	6,688	4,127		36,866
WEST VIRGINIA						
*BLACKSVILLE OIL AND GAS CO		32	2			32
*CARNEGIE NATURAL GAS CO		45,209	3,660	45,209		
**COLUMBIA GAS TRANS CORP		428,937	48,641	20,479		408,458
**CONSOLIDATED G SUPPLY CORP		807,529	68,840	807,529		
*EQUITABLE GAS CO		197,050	11,202	197,050		
*GAS TRANSPORT INC		32	32			32
STATE TOTAL		1,478,789	132,377	1,070,267		408,522

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.
** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FIRM IS REPORTED ON DATE OF FIRST FILING.

ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	COMPANY NAME	1976 YEAR-END GAS RESERVES	PRODUCTION	---YEAR-END RESERVES BY TYPE OF GAS---		
				NON- ASSOCIATED	ASSOCIATED AND DISSOLVED	UNDESIGNATED
WYOMING						
**	COLO INTERSTATE GAS CO	803,352	45,741	672,621	35,156	95,575
**	MOUNTAIN FUEL SUPPLY CO	714,115	57,537	698,662	15,453	
**	NORTHWEST PIPELINE CORP	2,110,333	48,278	2,082,570	1,785	25,978
**	WESTERN TRANSMISSION CORP	11,167	1,722			11,167
**	COLO INTERSTATE GAS CO	280,354	12,359	241,431	38,923	
**	KANSAS NEBRASKA NAT GAS CO	138,099	11,134	106,973	5,241	25,885
**	MCCULLOCH INTERSTATE G COR	22,612	5,490			22,612
**	MONTANA DAKOTA UTILITIES C	264,408	29,439	195,290	48,114	21,004
**	NORTHERN NATURAL GAS CO	384	127	384		
**	PANHANDLE EASTERN P L CO	48,758	16,719			48,758
	STATE TOTAL	4,393,582	228,546	3,997,931	144,672	250,979
UNDIFFERENTIATED						
**	ARKANSAS LOUISIANA GAS CO	27,920	1,571			27,920
**	NATURAL GAS P L CO OF AMER	40,467	24,892			40,467
	STATE TOTAL	68,387	26,463			68,387
	TOTAL ALL COMPANIES	93,282,083	11,300,608	75,940,169	9,085,317	13,256,599

* COMPANIES WITH LESS THAN 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES.
** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF
THE FORM-15 REPORT OR DATE OF FIRST FILING.

TABLE: 22

1963-1976 DEDICATED GAS RESERVES, CHANGES IN GAS RESERVES
PRODUCTION AND R/P RATIOS BY STATE
ALL INTERSTATE NATURAL GAS PIPELINE COMPANIES
(THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
ALABAMA	1963	12		13		.9
	1964	240	240	12	228	20.0
	1965	201	7	46	39-	4.4
	1966	199	12	14	2-	14.2
	1967	198		1	1-	198.0
	1968		197-	1	198-	.0
	1969	1,400	1,400		1,400	.0
	1970	1,400				.0
	1971	51,765	50,365		50,365	.0
	1972	137,410	86,431	786	85,645	174.8
	1973	116,416	18,728-	2,266	20,994-	51.4
	1974	110,719	400-	5,297	5,697-	20.9
	1975	95,150	10,089-	5,480	13,569-	17.4
	1976	92,434	3,085	5,801	2,716-	15.9
	TOTAL (1963-1976)		112,126	19,704	92,422	
	PERCENT CHANGE	770,183.3		44,523.1		
ARIZONA	1963	26,400		1,300		20.3
	1964	21,000	3,900-	1,500	5,400-	14.0
	1965	19,200		1,800	1,800-	10.7
	1966	20,400	2,900	1,700	1,200	12.0
	1967	19,100		1,300	1,300-	14.7
	1968	18,200		900	900-	20.2
	1969	13,100	4,000-	1,100	5,100-	11.9
	1970	11,900		1,200	1,200-	9.9
	1971	11,100		800	800-	13.9
	1972	10,600		500	500-	21.2
	1973	698	9,700-	202	9,902-	3.5
	TOTAL (1963-1976)		15,398-	11,002	26,400-	
	PERCENT CHANGE	100.0-		100.0-		
ARKANSAS	1963	1,143,481		47,190		24.2
	1964	1,336,350	240,653	47,784	192,869	28.0
	1965	1,578,888	296,758	54,220	242,538	29.1
	1966	1,699,579	198,150	77,059	121,091	22.1
	1967	1,903,551	294,286	90,714	203,572	21.0
	1968	1,884,438	94,242	113,355	19,113-	16.6
	1969	1,780,019	33,941	138,360	104,419-	12.9
	1970	1,727,915	91,999	144,103	52,104-	12.0
	1971	1,700,472	104,592	131,535	26,943-	12.9
	1972	1,709,983	136,101	127,090	9,011	13.5
	1973	1,719,005	131,247	122,225	9,022	14.1
	1974	1,631,016	446-	87,543	87,989-	18.6
	1975	1,546,842	8,087-	76,087	84,174-	20.3
	1976	1,510,634	34,598	70,806	36,208-	21.3
	TOTAL (1963-1976)		1,648,034	1,280,891	367,153	
	PERCENT CHANGE	32.1		50.0		
COLORADO	1963	1,030,172		40,174		25.6
	1964	1,040,997	52,969	42,144	10,825	24.7
	1965	1,438,536	446,551	49,012	397,539	29.4
	1966	1,730,232	350,064	58,318	291,746	29.7
	1967	1,693,474	28,583	65,391	36,808-	25.9
	1968	1,703,917	84,874	74,431	10,443	22.9
	1969	1,636,648	7,733	75,002	67,269-	21.8
	1970	1,586,609	430,847	80,886	349,961	24.6
	1971	1,902,460	4,080-	80,069	84,149-	23.8
	1972	1,797,207	22,117-	83,136	105,253-	21.6
	1973	1,974,426	279,073	101,854	177,219	19.4
	1974	1,700,575	169,958-	103,493	273,451-	16.4
	1975	1,875,520	310,137	135,592	174,545	13.8
	1976	1,652,940	84,285-	138,295	222,580-	12.0
	TOTAL (1963-1976)		1,710,391	1,087,623	622,768	
	PERCENT CHANGE	60.5		244.2		
FLORIDA	1970	11,998	12,000	2	11,998	999.0
	1971	359,309	348,000	689	347,311	521.5
	1972	355,296	9,103	13,116	4,013-	27.1
	1973	314,560	14,003-	26,733	40,736-	11.8
	1974	259,535	28,087-	26,938	55,025-	9.6
	1975	233,475	5,574-	20,486	26,060-	11.4
	1976	217,340		16,135	16,135-	13.5
	TOTAL (1963-1976)		321,439	104,099	217,340	
	PERCENT CHANGE	1,111.8		806,650.0		

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
ILLINOIS	1963	1,596		428		3.7
	1964		1,196-	398	1,596-	.0
	1972	266	361	95	266	2.8
	1973		197-	69	266-	.0
	1976		131	131		.0
	TOTAL (1963-1976)		903-	693	1,596-	
	PERCENT CHANGE	100.0-		69.4-		
KANSAS	1963	15,414,829		633,661		24.3
	1964	15,172,476	415,822	658,175	242,353-	23.1
	1965	14,733,216	223,113	662,373	439,260-	22.2
	1966	14,130,876	96,987	699,327	602,340-	20.2
	1967	13,748,844	334,322	716,354	382,032-	19.2
	1968	13,911,541	843,192	680,495	162,697	20.4
	1969	13,453,114	269,893	728,320	458,427-	18.5
	1970	13,003,378	279,017	728,753	449,736-	17.8
	1971	12,472,320	178,356	709,414	531,058-	17.6
	1972	11,945,000	182,875	710,195	527,320-	16.8
	1973	11,351,124	132,431	726,307	593,876-	15.6
	1974	11,273,113	635,968	713,979	78,011-	15.8
	1975	11,062,302	479,981	690,792	210,811-	16.0
	1976	10,858,348	477,044	680,998	203,954-	15.9
	TOTAL (1963-1976)		4,549,001	9,105,482	4,556,481-	
	PERCENT CHANGE	29.6-		7.5		
KENTUCKY	1963	1,027,086		66,165		15.5
	1964	1,054,272	97,736	70,550	27,186	14.9
	1965	1,049,127	72,540	77,685	5,145-	13.5
	1966	1,031,140	65,006	80,993	15,987-	12.8
	1967	1,062,492	114,865	85,513	29,352	12.4
	1968	1,023,815	52,279	90,956	38,677-	11.3
	1969	952,167	2,145	73,793	71,648-	12.9
	1970	952,523	68,860	68,504	356	13.9
	1971	946,960	59,061	64,624	5,563-	14.7
	1972	533,127	343,665-	68,168	411,833-	7.9
	1973	505,612	34,716	64,231	29,515-	7.9
	1974	481,124	40,670	65,158	24,488-	7.4
	1975	453,776	35,933	63,281	27,348-	7.2
	1976	471,498	79,393	61,371	17,722	7.7
	TOTAL (1963-1976)		379,239	934,827	555,588-	
	PERCENT CHANGE	54.1-		7.2-		
NORTHERN LOUISIANA	1963	5,111,996		509,312		10.0
	1964	4,966,615	392,070	537,451	145,381-	9.2
	1965	4,747,032	267,238	486,821	219,583-	9.8
	1966	4,485,006	212,329	474,355	262,026-	9.5
	1967	4,190,003	162,050	457,053	295,003-	9.2
	1968	3,709,615	52,900-	427,488	480,388-	8.7
	1969	3,460,367	161,250	410,498	249,248-	8.4
	1970	2,932,506	145,171-	382,690	527,861-	7.7
	1971	2,452,292	165,338-	314,876	480,214-	7.8
	1972	2,347,550	219,040	323,782	104,742-	7.3
	1973	2,030,616	29,112-	287,822	316,934-	7.1
	1974	1,758,235	13,185-	259,716	272,381-	6.9
	1975	1,524,837	18,104-	215,244	233,348-	7.1
	1976	1,565,816	243,940	203,011	40,929	7.7
	TOTAL (1963-1976)		1,234,127	4,780,307	3,546,180-	
	PERCENT CHANGE	69.4-		60.1-		
SOUTHERN LOUISIANA	1963	66,548,296		2,723,605		24.4
	1964	65,963,452	2,363,959	2,948,797	584,838-	22.4
	1965	68,915,851	6,149,932	3,197,539	2,952,393	21.6
	1966	69,819,547	4,527,056	3,623,360	903,696	19.3
	1967	72,729,191	7,103,658	4,194,014	2,909,644	17.3
	1968	72,162,318	4,082,213	4,649,086	566,873-	15.5
	1969	73,289,397	6,414,745	5,287,666	1,127,079	13.9
	1970	69,972,309	2,516,790	5,833,878	3,317,088-	12.0
	1971	64,103,274	85,958	5,954,993	5,869,035-	10.8
	1972	59,142,609	1,268,787	6,229,452	4,960,665-	9.5
	1973	53,626,770	423,683	5,939,522	5,515,839-	9.0
	1974	46,677,006	2,011,421-	5,538,343	7,549,764-	8.3
	1975	38,924,348	1,890,189-	5,262,459	7,152,658-	7.4
	1976	34,944,497	1,125,938	5,105,769	3,979,851-	6.9
	TOTAL (1963-1976)		32,161,109	63,764,908	31,603,799-	
	PERCENT CHANGE	47.5-		87.5		
LOUISIANA	1963	71,660,292		3,232,917		22.2
	1964	70,930,073	2,756,029	3,486,248	730,219-	20.3
	1965	73,662,883	6,417,170	3,684,360	2,732,810	20.0
	1966	74,304,553	4,739,385	4,097,715	641,670	18.1
	1967	76,919,194	7,265,708	4,651,967	2,614,641	16.5
	1968	75,871,933	4,029,313	5,076,574	1,047,261-	14.9
	1969	76,749,764	6,575,995	5,698,164	877,831	13.5
	1970	72,904,815	2,371,619	6,216,568	3,844,949-	11.7
	1971	66,555,566	79,380-	6,269,869	6,349,249-	10.6
	1972	61,493,159	1,487,827	6,553,234	5,065,407-	9.4
	1973	55,657,386	394,571	6,227,344	5,832,773-	8.9
	1974	47,835,241	2,024,586-	5,797,559	7,822,145-	8.3
	1975	40,449,235	1,908,293-	5,477,713	7,386,006-	7.4
	1976	36,519,313	1,369,873	5,308,803	3,938,922-	6.9
	TOTAL (1963-1976)		13,395,236	68,545,215	35,149,979-	
	PERCENT CHANGE	49.1-		64.2		

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
MARYLAND	1970	3,771	4,011	240	3,771	15.7
	1971	3,271	282-	213	500-	15.0
	1972	3,027		244	244-	12.4
	1973	2,716	9-	302	311-	9.9
	1974	2,639	61	138	77-	19.1
	1975	260	1,575-	96	1,671-	10.1
	1976	611	278-	79	357-	7.7
	TOTAL (1963-1976)		1,928	1,317	611	
	PERCENT CHANGE	83.8-		67.1-		
MISSISSIPPI	1963	1,914,258		157,428		12.2
	1964	1,786,481	15,475	143,252	127,777-	12.5
	1965	1,227,967	429,155-	129,359	558,514-	9.5
	1966	1,298,576	204,700	134,091	70,609	9.7
	1967	1,234,500	60,025	118,701	58,676-	10.4
	1968	1,099,883	11,810-	128,297	140,017-	8.6
	1969	1,002,511	25,179	174,551	99,372-	8.0
	1970	823,217	56,210-	116,084	172,294-	7.1
	1971	692,896	33,699-	101,622	135,321-	6.8
	1972	514,097	102,520-	76,279	178,799-	6.7
	1973	437,457	3,945-	72,695	76,640-	6.0
	1974	303,511	69,895-	64,051	133,946-	4.7
	1975	272,866	14,334	44,979	30,645-	6.1
	1976	229,333	81	43,614	43,533-	5.3
	TOTAL (1963-1976)		387,440-	1,297,485	1,684,925-	
	PERCENT CHANGE	88.0-		72.3-		
MONTANA	1963	209,731		4,583		45.8
	1964	215,928	11,016	4,819	6,197	44.8
	1965	234,251	23,357	5,034	18,323	46.5
	1966	241,337	11,707	4,621	7,086	52.2
	1967	248,832	11,447	3,952	7,495	63.0
	1968	302,851	57,943	3,924	54,019	77.2
	1969	305,464	11,401	8,788	2,613	34.8
	1970	298,364	519	7,619	7,100-	39.2
	1971	280,690	13,908-	3,766	17,674-	74.5
	1972	816,075	544,111	8,726	535,385	93.5
	1973	785,860	14,502-	15,713	30,215-	50.0
	1974	832,798	76,660	29,722	46,938	28.0
	1975	823,878	21,633	25,553	3,920-	32.4
	1976	797,800	4,477-	26,601	31,078-	30.0
	TOTAL (1963-1976)		736,907	148,838	588,069	
	PERCENT CHANGE	280.4		480.4		
NEBRASKA	1963	66,136		9,040		7.3
	1964	60,200	1,535	7,471	5,936-	8.1
	1965	54,950	6,080	7,330	1,250-	8.0
	1966	62,550	31,650	8,050	23,600	10.3
	1967	77,039	1,878	7,339	5,511-	10.4
	1968	69,893	231-	6,909	7,146-	10.1
	1969	54,791	5,767	6,343	11,812-	9.6
	1970	54,293	1,966	5,754	3,788-	9.4
	1971	54,789	5,428	4,932	496	11.1
	1972	64,903	15,044	4,930	10,114	13.2
	1973	67,830	7,716	4,789	2,927	14.2
	1974	76,543	13,484	4,671	8,813	16.4
	1975	74,375	1,555	3,923	2,268-	19.5
	1976	66,889	3,657-	3,829	7,486-	17.5
	TOTAL (1963-1976)		76,675	75,922	753	
	PERCENT CHANGE	1.1		57.6-		
SAN JUAN BASIN	1963	13,997,950		301,770		46.4
	1964	13,871,671	229,861	356,149	126,279-	39.0
	1965	13,892,254	420,864	400,045	20,583	34.7
	1966	13,872,853	424,557	443,958	19,401-	31.2
	1967	13,581,350	178,452	469,955	291,503-	28.9
	1968	13,249,352	188,431	520,429	331,998-	25.5
	1969	12,866,576	111,614	473,990	362,376-	27.2
	1970	12,266,900	151,176-	468,900	620,076-	26.2
	1971	11,591,500	180,400-	495,090	675,400-	23.4
	1972	11,582,500	523,600	532,600	9,000-	21.7
	1973	11,303,775	208,334	487,059	278,725-	23.2
	1974	10,545,647	278,486-	479,642	758,128-	22.0
	1975	9,822,030	285,550-	428,067	713,617-	23.0
	1976	10,152,752	787,212	466,490	320,722	21.8
	TOTAL (1963-1976)		2,177,077	6,022,275	3,845,198-	
	PERCENT CHANGE	27.5-		54.6		
NEW MEXICO PERMIAN BASIN	1963	5,519,913		312,332		17.7
	1964	5,318,385	125,321	326,849	291,528-	16.3
	1965	6,059,682	1,066,930	325,633	741,297	18.6
	1966	6,179,975	479,103	358,810	120,293	17.2
	1967	5,761,401	54,223-	364,351	418,574-	15.8
	1968	5,670,257	325,756	416,900	91,144-	13.6
	1969	5,259,163	22,982	434,076	411,094-	12.1
	1970	5,041,212	239,429	457,380	217,951-	11.0
	1971	4,730,010	389,541	472,743	103,202-	10.4
	1972	4,414,799	26,543-	496,663	523,211-	8.9
	1973	4,059,486	173,646	528,959	355,313-	7.7
	1974	3,929,411	413,273	543,348	139,075-	7.2
	1975	4,052,756	679,771	556,426	123,345	7.3
	1976	3,201,928	329,915-	520,913	850,828-	6.1
	TOTAL (1963-1976)		3,485,066	5,803,051	2,317,985-	
	PERCENT CHANGE	42.0-		66.3		

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
NEW MEXICO	1963	19,517,863		614,152		31.8
	1964	19,190,056	355,182	682,989	327,807-	28.1
	1965	19,951,936	1,487,558	725,678	761,880	27.5
	1966	20,052,828	903,660	802,768	100,892	25.0
	1967	19,342,751	124,229	834,306	710,077-	23.2
	1968	18,919,609	514,187	937,329	423,142-	20.2
	1969	18,146,139	134,596	908,066	773,470-	20.0
	1970	17,308,112	88,253	926,280	838,027-	18.7
	1971	16,529,510	189,141	967,743	778,602-	17.1
	1972	15,597,299	497,052	1,029,263	532,211-	15.5
	1973	15,363,261	381,980	1,016,018	634,038-	15.1
	1974	14,475,058	134,787	1,022,990	888,203-	14.1
	1975	13,884,786	394,221	984,493	590,272-	14.1
	1976	13,354,680	457,297	987,403	530,106-	13.5
	TOTAL (1963-1976)		5,662,143	11,825,326	6,163,183-	
	PERCENT CHANGE	31.6-		60.8		
NEW YORK	1963	9,772		1,136		8.6
	1964	4,579	3,737-	1,056	4,793-	4.1
	1965	4,478	833	1,334	501-	3.4
	1966	4,625	1,053	906	147	5.1
	1967	3,947	10-	668	678-	5.9
	1968	3,671	287	563	276-	6.5
	1969	3,070	54	655	601-	4.7
	1970	4,084	1,626	612	1,014	6.7
	1971	3,391	89-	604	693-	5.6
	1972	22,833	21,131	1,689	19,442	13.5
	1973	16,281	4,508-	2,044	6,552-	8.0
	1974	27,166	13,526	2,641	10,885	10.3
	1975	29,940	6,773	3,999	2,774	7.5
	1976	33,516	6,705	3,129	3,576	10.7
	TOTAL (1963-1976)		43,644	19,900	23,744	
	PERCENT CHANGE	243.0		175.4		
NORTH DAKOTA	1963	545,064		19,694		27.7
	1964	524,295		20,769	20,769-	25.2
	1965	464,064	40,571-	19,660	60,231-	23.6
	1966	443,705		20,359	20,359-	21.8
	1967	423,930	1	19,806	19,805-	21.4
	1968	264,393	140,823-	18,684	159,507-	14.2
	1969	247,596	936	17,733	16,797-	14.0
	1970	213,159	17,404-	17,033	34,437-	12.5
	1971	193,496	4,590	15,073	19,663-	12.8
	1972	178,107	4,961-	10,428	15,389-	17.1
	1973	261,163	97,267	14,211	83,056	18.4
	1974	252,690	3,060	11,533	8,473-	21.9
	1975	239,120	1,820-	11,750	13,570-	20.4
	1976	226,939	2,263-	9,918	12,181-	22.9
	TOTAL (1963-1976)		111,168-	206,957	318,125-	
	PERCENT CHANGE	58.4-		49.6-		
OHIO	1963	131,968		22,815		5.8
	1964	103,271	7,693-	21,004	28,697-	4.9
	1965	89,145	6,782	20,908	14,126-	4.3
	1966	80,323	13,220	22,042	8,822-	3.6
	1967	72,024	11,540	19,839	8,299-	3.6
	1968	96,334	43,079	18,769	24,310	5.1
	1969	109,648	39,592	26,278	13,314	4.2
	1970	156,179	76,767	30,236	46,531	5.2
	1971	157,926	31,384	29,637	1,747	5.3
	1972	174,394	46,311	29,843	16,468	5.8
	1973	201,255	55,761	28,900	26,861	7.0
	1974	215,228	43,199	29,226	13,973	7.4
	1975	196,010	7,445	26,664	19,218-	7.4
	1976	168,636	1,830-	25,544	27,374-	6.6
	TOTAL (1963-1976)		365,553	328,890	36,668	
	PERCENT CHANGE	27.8		12.0		
OKLAHOMA	1963	13,807,958		692,612		19.9
	1964	14,154,497	1,152,836	806,297	346,539	17.6
	1965	14,273,119	973,673	855,051	118,622	16.7
	1966	14,851,336	1,538,041	959,824	578,217	15.5
	1967	15,105,087	1,285,640	1,031,889	253,751	14.6
	1968	15,072,880	1,065,536	1,097,743	32,207-	13.7
	1969	14,583,628	707,404	1,199,656	492,252-	12.2
	1970	14,022,418	692,154	1,250,364	558,210-	11.2
	1971	12,682,297	129,632-	1,210,489	1,340,121-	10.5
	1972	11,494,788	2,917	1,186,426	1,183,509-	9.7
	1973	10,359,298	35,432-	1,104,058	1,139,490-	9.4
	1974	9,388,829	107,037	1,077,506	970,469-	8.7
	1975	8,510,250	113,909	992,438	878,579-	8.6
	1976	7,889,565	298,957	919,642	620,685-	8.6
	TOTAL (1963-1976)		7,773,040	13,691,433	5,918,393-	
	PERCENT CHANGE	42.9-		32.8		

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
PENNSYLVANIA						
	1963	609,800		48,890		12.5
	1964	582,136	13,284	40,948	27,664-	14.2
	1965	607,753	64,395	38,778	25,617	15.7
	1966	603,948	39,793	43,598	3,805-	13.9
	1967	566,853	7,771	44,866	37,095-	12.6
	1968	379,842	147,107-	39,904	187,011-	9.5
	1969	344,037	508	36,263	35,755-	9.5
	1970	327,220	18,942	35,809	16,867-	9.1
	1971	343,509	47,472	31,183	16,289	11.0
	1972	324,747	16,974	33,736	16,762-	9.7
	1973	363,144	70,912	34,515	36,397	10.5
	1974	364,107	37,200	36,237	963	10.0
	1975	384,814	54,622	33,915	20,707	11.3
	1976	396,715	46,227	34,326	11,901	11.6
TOTAL (1963-1976)			270,993	484,078	213,085-	
PERCENT CHANGE		34.9-		29.8-		
TENNESSEE						
	1968	250	252	2	250	125.0
	1969	10	237-	3	240-	3.3
	1970	10				.0
	1973	1,615	1,615		1,615	.0
	1974	2,497	882		882	.0
	1975	2,457				.0
	1976	2,497				.0
TOTAL (1963-1976)			2,502	5	2,497	
PERCENT CHANGE		898.8		100.0-		
TEXAS RAILROAD DIST. #1 (NORTH)						
	1963	1,748,608		72,707		24.1
	1964	1,635,411	39,602-	73,595	113,197-	22.2
	1965	644,330	926,106-	64,975	991,081-	9.9
	1966	593,713	11,654	62,271	50,617-	9.5
	1967	552,592	9,040	50,161	41,121-	11.0
	1968	450,824	59,410-	42,358	101,768-	10.6
	1969	382,056	32,939-	35,829	68,768-	10.7
	1970	313,293	23,410-	39,353	62,763-	8.1
	1971	205,901	75,016-	38,376	113,292-	5.4
	1972	174,462	1,126	32,565	31,439-	5.4
	1973	217,251	78,822	36,033	42,789	6.0
	1974	208,389	40,671	49,533	8,862-	4.2
	1975	186,045	19,008	41,352	22,344-	4.5
	1976	180,615	34,925	40,355	5,430-	4.5
TOTAL (1963-1976)			961,237-	606,756	1,567,993-	
PERCENT CHANGE		89.7-		44.5-		
TEXAS RAILROAD DISTRICT NO. 2						
	1963	4,864,112		330,667		14.7
	1964	4,584,437	62,552	342,177	279,625-	13.4
	1965	4,076,858	180,279-	327,350	507,629-	12.5
	1966	3,466,305	298,702-	311,851	610,553-	11.1
	1967	2,841,291	360,124-	264,890	625,014-	10.7
	1968	2,496,730	99,472-	245,089	344,561-	10.2
	1969	2,075,079	188,320-	232,531	420,851-	8.9
	1970	1,715,070	166,748-	194,041	360,789-	8.3
	1971	1,454,790	76,816-	183,484	260,300-	7.9
	1972	1,373,237	24,532	176,085	151,553-	7.4
	1973	1,110,733	29,939-	162,565	192,504-	6.8
	1974	898,492	59,631-	152,610	212,241-	5.9
	1975	677,575	101,824-	119,093	220,917-	5.7
	1976	573,164	3,847	108,258	104,411-	5.3
TOTAL (1963-1976)			1,470,924-	2,820,024	4,290,948-	
PERCENT CHANGE		38.2-		67.3-		
TEXAS RAILROAD DISTRICT NO. 3						
	1963	5,078,311		387,472		13.1
	1964	4,577,012	280,602	381,901	101,299-	13.0
	1965	4,505,727	78,387-	392,898	471,285-	11.5
	1966	4,083,560	29,797-	392,370	422,167-	10.4
	1967	3,711,985	2,806-	368,769	371,575-	10.1
	1968	2,765,198	586,301-	360,486	946,787-	7.7
	1969	2,403,337	24,434-	337,427	361,861-	7.1
	1970	1,981,142	108,115-	314,080	422,195-	6.3
	1971	1,671,560	46,353-	263,229	309,582-	6.4
	1972	1,173,380	218,758-	279,422	498,180-	4.2
	1973	987,425	3,890	189,845	185,955-	5.2
	1974	892,577	56,488	151,336	94,848-	5.9
	1975	767,343	8,565	133,799	125,234-	5.7
	1976	587,611	52,635-	127,097	179,732-	4.6
TOTAL (1963-1976)			798,041-	3,692,659	4,490,700-	
PERCENT CHANGE		88.4-		67.2-		
TEXAS RAILROAD DISTRICT NO. 4						
	1963	11,212,220		652,194		17.2
	1964	11,878,975	1,343,910	677,155	666,755	17.5
	1965	12,556,777	1,398,834	721,032	677,802	17.4
	1966	11,606,704	195,249-	754,824	950,073-	15.4
	1967	12,470,267	1,645,773	782,210	863,563	15.9
	1968	11,459,432	212,318-	798,317	1,010,635-	14.4
	1969	10,140,480	521,612-	797,540	1,319,152-	12.7
	1970	8,493,310	826,647-	820,523	1,647,170-	10.4
	1971	7,002,134	111,923	803,094	691,171-	9.7
	1972	6,284,407	763,031-	754,701	1,517,732-	8.3
	1973	5,850,371	269,928	703,964	434,036-	8.3
	1974	4,921,859	309,209-	619,303	928,512-	7.9
	1975	3,638,375	803,063-	479,616	1,283,484-	7.5
	1976	3,029,432	200,661-	409,282	609,943-	7.4
TOTAL (1963-1976)			937,773	9,121,561	8,183,788-	
PERCENT CHANGE		73.0-		37.2-		

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
TEXAS RAILROAD DISTRICT NO. 5						
	1963	34,202		2,133		16.0
	1964	33,221	550	1,537	981-	21.6
	1965	32,721	784	1,284	500-	25.5
	1966	31,558	232	1,395	1,163-	22.6
	1967	22,518	7,597-	1,443	9,040-	15.6
	1968	26,395	5,496	1,619	3,877	16.3
	1969	8,968	15,761-	1,666	17,427-	5.4
	1970	6,707	17	2,278	2,261-	2.9
	1971	38,535	34,329	2,501	31,828	15.4
	1972	35,196	27-	3,312	3,339-	10.6
	1973	31,322	137-	3,737	3,874-	8.4
	1974	27,841	13	3,494	3,481-	8.0
	1975	24,355	18-	3,468	3,486-	7.0
	1976	22,087	394	2,662	2,268-	8.3
TOTAL (1963-1976)			18,281	30,396	12,115-	
PERCENT CHANGE		35.4-		24.8		
TEXAS RAILROAD DISTRICT NO. 6						
	1963	2,302,290		348,576		6.6
	1964	2,393,834	402,050	310,506	91,544	7.7
	1965	2,287,227	209,534	316,141	106,607-	7.2
	1966	2,170,335	182,765	299,657	116,892-	7.2
	1967	1,959,820	67,585	278,100	210,515-	7.0
	1968	1,818,234	206,980	248,546	41,586-	7.7
	1969	1,675,753	25,754-	216,727	242,481-	7.7
	1970	1,381,608	102,963-	191,182	294,145-	7.2
	1971	1,177,681	42,852-	161,075	203,927-	7.3
	1972	1,056,438	39,036	160,279	121,243-	6.4
	1973	948,767	36,715	144,386	107,671-	6.6
	1974	568,931	149,928	129,764	20,164	7.5
	1975	830,569	17,369-	120,993	138,362-	6.9
	1976	727,440	8,555	111,684	103,129-	6.5
TOTAL (1963-1976)			1,114,190	2,689,040	1,574,850-	
PERCENT CHANGE		68.4-		68.0-		
TEXAS RAILROAD DISTRICT NO. 7a						
	1963	46,547		7,109		6.5
	1964	45,314	5,908	7,141	1,233-	6.3
	1965	39,198	1,540	7,656	6,116-	5.1
	1966	52,435	20,195	6,958	13,237	7.5
	1967	46,429		6,006	6,006-	7.7
	1968	43,084	2,486	5,831	3,345-	7.4
	1969	39,537		3,547	3,547-	11.1
	1970	44,678	8,017	2,876	5,141	15.5
	1971	34,609	7,952-	2,117	10,069-	16.3
	1972	90,366	57,928	2,171	55,757	41.6
	1973	10,401	78,666-	1,299	79,965-	8.0
	1974	5,226	4,055-	1,120	5,175-	4.7
	1975	4,301	131	1,056	925-	4.1
	1976	3,341	1	961	960-	3.5
TOTAL (1963-1976)			5,533	48,739	43,206-	
PERCENT CHANGE		92.8-		86.5-		
TEXAS RAILROAD DISTRICT NO. 7c						
	1963	2,472,362-		110,295		22.4
	1964	2,857,648	517,049	131,763	385,286	21.7
	1965	2,985,879	262,582	134,351	128,231	22.2
	1966	2,308,580	546,683-	130,616	677,299-	17.7
	1967	2,946,912	785,732	147,400	638,332	20.0
	1968	3,124,124	318,004	140,792	177,212	22.2
	1969	2,703,781	247,831-	172,512	420,343-	15.7
	1970	2,598,989	60,884	165,676	104,792-	15.7
	1971	2,581,063	155,988	173,914	17,926-	14.8
	1972	2,224,834	184,186-	172,043	356,229-	12.9
	1973	1,902,703	131,885-	190,246	322,131-	10.0
	1974	1,683,005	29,761-	184,937	214,698-	9.1
	1975	1,263,312	266,822-	157,871	424,693-	8.0
	1976	1,001,709	116,137-	145,466	261,603-	6.9
TOTAL (1963-1976)			576,934	2,047,587	1,470,653-	
PERCENT CHANGE		59.5-		31.9		
TEXAS RAILROAD DISTRICT NO. 8						
	1963	9,307,062		433,608		21.5
	1964	10,466,423	1,697,182	537,821	1,159,361	19.5
	1965	12,612,665	2,690,437	544,195	2,146,242	23.2
	1966	16,675,277	4,647,381	584,769	4,062,612	28.5
	1967	18,337,218	2,272,559	610,618	1,661,941	30.0
	1968	19,520,445	1,987,392	798,165	1,189,227	26.5
	1969	16,655,299	1,914,642-	950,506	2,871,146-	17.4
	1970	13,160,109	2,419,893-	1,075,297	3,495,190-	12.2
	1971	12,307,212	249,934	1,102,731	852,797-	11.2
	1972	10,636,542	596,964-	1,073,766	1,670,730-	9.9
	1973	9,063,723	538,353-	1,034,506	1,572,859-	8.8
	1974	7,737,050	375,102-	951,571	1,326,673-	8.1
	1975	6,098,158	744,767-	894,125	1,638,892-	6.8
	1976	5,333,500	1,601	766,259	764,658-	7.0
TOTAL (1963-1976)			6,956,765	10,930,327	3,973,562-	
PERCENT CHANGE		42.7-		76.7		

STATE	DATE	YEAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
TEXAS RAILROAD DISTRICT NO. 84						
	1963	1,506,890		53,062		28.4
	1964	1,098,467	361,208-	47,185	408,393-	23.3
	1965	1,047,394	718-	50,385	51,103-	20.8
	1966	1,924,598	943,815	66,221	877,594	29.1
	1967	1,848,157	345	77,176	76,831-	23.9
	1968	1,768,569	5,109	84,697	79,588-	20.9
	1969	1,725,684	42,314	85,199	42,885-	20.3
	1970	1,317,343	303,809-	104,532	408,341-	12.6
	1971	1,047,531	180,712-	89,100	269,812-	11.8
	1972	687,155	293,010-	67,366	360,376-	10.2
	1973	355,474	273,088-	58,593	331,681-	6.1
	1974	285,944	25,631-	43,899	69,530-	6.5
	1975	171,171	78,676-	36,097	114,773-	4.7
	1976	130,967	8,239-	31,965	40,204-	4.1
	TOTAL (1963-1976)		533,508-	842,415	1,375,923-	
	PERCENT CHANGE	91.3-		39.8-		
TEXAS RAILROAD DISTRICT NO. 9						
	1963	730,680		50,049		14.6
	1964	856,565	176,470	50,585	125,885	16.9
	1965	842,926	44,562	58,201	13,639-	14.5
	1966	769,617	9,290-	64,019	73,309-	12.0
	1967	772,830	63,740	60,527	3,213	12.8
	1968	731,594	18,640	59,876	41,236-	12.2
	1969	672,513	923	60,004	59,081-	11.2
	1970	609,226	652	63,939	63,287-	9.5
	1971	577,872	30,556	61,910	31,354-	9.3
	1972	524,353	3,808	57,327	53,519-	9.1
	1973	474,048	303	50,608	50,305	9.6
	1974	383,584	42,073-	48,391	90,464-	7.9
	1975	367,565	31,066	47,085	16,019-	7.8
	1976	328,703	4,263	43,125	38,862-	7.6
	TOTAL (1963-1976)		323,620	725,597	401,977-	
	PERCENT CHANGE	55.0-		13.8-		
TEXAS RAILROAD DISTRICT NO. 10						
	1963	13,365,699		775,047		17.2
	1964	12,823,979	272,898	814,618	541,720-	15.7
	1965	11,871,595	134,289-	818,095	952,384-	14.5
	1966	11,501,379	478,756	848,972	370,216-	13.5
	1967	10,960,394	326,537	867,522	540,985-	12.6
	1968	10,699,578	563,932	824,748	260,816-	13.0
	1969	10,483,715	613,104	828,967	215,863-	12.6
	1970	9,639,025	57,251	901,941	844,690-	10.7
	1971	8,839,048	100,981	900,958	799,977-	9.8
	1972	8,101,237	191,027	928,838	737,811-	8.7
	1973	7,307,506	153,244	946,975	793,731-	7.7
	1974	6,805,151	436,466	938,821	502,355-	7.2
	1975	6,104,396	172,023	872,778	700,755-	7.0
	1976	5,456,164	149,091	797,323	648,232-	6.8
	TOTAL (1963-1976)		3,381,021	11,290,556	7,909,535-	
	PERCENT CHANGE	59.2-		2.9		
TEXAS-OPPSHORE						
	1969	100,572	100,982	410	100,572	245.3
	1970	95,139	2,840	8,273	5,435-	11.5
	1971	252,911	171,120	13,348	157,772	18.9
	1972	345,840	118,835	25,906	92,929	13.3
	1973	392,138	100,098	53,800	46,298	7.3
	1974	316,801	2,284-	73,053	75,337-	4.3
	1975	227,072	36,571-	53,158	89,729-	4.3
	1976	193,770	13,832	47,134	33,302-	4.1
	TOTAL (1963-1976)		468,852	275,082	193,770	
	PERCENT CHANGE	92.7		11,396.1		
TEXAS						
	1963	52,668,593		3,222,919		16.3
	1964	53,651,366	4,358,367	3,375,984	982,383	15.9
	1965	53,503,297	3,288,494	3,436,563	148,069-	15.6
	1966	55,184,451	5,205,077	3,523,923	1,681,154	15.7
	1967	56,470,413	4,800,784	3,514,822	1,285,962	16.1
	1968	55,010,407	2,150,518	3,610,524	1,460,006-	15.2
	1969	49,067,574	2,213,970-	3,728,863	5,942,833-	13.2
	1970	41,361,659	3,821,924-	3,883,991	7,705,915-	10.6
	1971	37,990,652	425,130	3,795,837	3,370,707-	10.0
	1972	32,637,497	1,619,684-	3,733,781	5,353,465-	8.7
	1973	28,651,862	409,068-	3,576,557	3,985,625-	8.0
	1974	25,139,850	164,180-	3,347,832	3,512,012-	7.5
	1975	20,360,237	1,819,122-	2,960,491	4,779,613-	6.9
	1976	17,567,503	161,163-	2,631,571	2,792,734-	6.7
	TOTAL (1963-1976)		10,019,259	45,120,739	35,101,480-	
	PERCENT CHANGE	66.6-		18.3-		
UTAH						
	1963	321,082		40,161		8.0
	1964	344,280	54,802	31,634	23,198	10.9
	1965	373,316	65,596	31,490	34,106	12.0
	1966	385,028	39,589	32,943	6,662	11.7
	1967	348,855	9,714-	26,459	36,173-	13.2
	1968	332,613	8,201	24,443	16,242-	13.6
	1969	260,430	50,962	20,821	11,783-	12.5
	1970	251,661	15,981	25,150	9,169-	10.0
	1971	264,659	34,744	21,766	12,998	12.2
	1972	296,473	53,382	21,568	31,814	13.7
	1973	307,805	35,692	24,270	11,332	12.7
	1974	306,853	27,592	28,544	952-	10.8
	1975	304,029	28,251	30,175	1,924-	10.1
	1976	252,143	26,245-	26,541	52,786-	9.5
	TOTAL (1963-1976)		276,815	345,754	68,939-	
	PERCENT CHANGE	21.5-		33.9-		

STATE	DATE	YFAR-END RESERVES	REVISIONS AND ADDITIONS GAIN OR LOSS	ANNUAL PRODUCTION	NET CHANGE IN RESERVES GAIN OR LOSS	R/P RATIO
VIRGINIA	1963	10,818		1,439		7.5
	1964	11,995	2,450	1,273	1,177	9.4
	1965	17,300	8,826	3,521	5,305	4.9
	1966	16,135	2,540	3,705	1,165-	4.4
	1967	17,491	4,519	3,163	1,356	5.5
	1968	21,102	6,418	2,807	3,611	7.5
	1969	19,552	811	2,361	1,550-	8.3
	1970	28,088	10,914	2,378	8,536	11.8
	1971	30,893	4,972	2,167	2,805	14.3
	1972	38,633	10,158	2,418	7,740	16.0
	1973	41,858	7,916	4,691	3,225	8.9
	1974	38,523	3,383	6,723	3,335-	5.7
	1975	41,014	8,897	6,406	2,491	6.4
	1976	40,993	6,667	6,688	21-	6.1
	TOTAL (1963-1976)		78,476	48,301	30,175	
	PERCENT CHANGE	273.9		364.8		
WEST VIRGINIA	1963	1,904,102		163,564		11.6
	1964	1,982,145	251,011	172,968	78,043	11.5
	1965	1,937,033	130,640	175,752	45,112-	11.0
	1966	1,965,145	223,450	175,338	48,112	11.3
	1967	1,925,401	119,518	179,262	59,744-	10.7
	1968	1,907,235	180,680	198,846	18,166-	9.6
	1969	1,844,741	126,882	189,376	62,494-	9.7
	1970	1,785,454	152,723	208,005	55,282-	8.6
	1971	1,749,714	161,223	200,968	39,745-	8.7
	1972	1,687,882	112,811	174,643	61,832-	9.7
	1973	1,644,881	107,560	150,561	43,001-	10.9
	1974	1,487,428	11,610-	145,843	157,453-	10.2
	1975	1,423,334	67,054	131,148	64,094-	10.9
	1976	1,478,789	187,832	132,377	55,455	11.2
	TOTAL (1963-1976)		1,809,774	2,235,087	425,313-	
	PERCENT CHANGE	22.3-		19.1-		
WYOMING	1963	4,191,587		154,532		27.1
	1964	4,315,618	311,227	187,196	124,031	23.1
	1965	4,358,703	270,816	187,731	83,085	23.4
	1966	4,496,114	282,733	185,722	97,411	24.3
	1967	4,473,545	162,245	184,814	22,569-	24.2
	1968	4,472,316	192,804	194,033	1,229-	23.0
	1969	4,471,936	213,841	214,221	380-	20.9
	1970	4,634,494	395,954	232,896	163,058	19.9
	1971	4,629,489	251,914	257,419	5,505-	18.0
	1972	4,419,235	59,588	269,842	210,254-	16.4
	1973	4,111,514	42,233-	265,488	307,721-	15.5
	1974	4,255,610	388,385	244,889	143,496	17.4
	1975	4,483,502	460,356	231,864	228,492	19.3
	1976	4,343,582	138,626	228,546	89,920-	19.2
	TOTAL (1963-1976)		3,086,256	2,884,261	201,995	
	PERCENT CHANGE	4.8		47.9		
UNDIFFERENTIATED	1963	2,327,067		175,815		13.2
	1964	2,662,769	565,836	210,134	355,702	12.8
	1965	2,448,355	31,324-	203,090	234,414-	12.1
	1966	2,484,792	240,387	203,950	36,437	12.2
	1967	2,358,272	133,215	219,735	86,520-	10.9
	1968	2,594,910	429,336	232,698	196,638	11.2
	1969	2,563,191	203,250	234,969	31,719-	10.9
	1970	1,673,519	780,356-	109,316	889,672-	15.3
	1971	1,723,454	364,621	304,686	59,935	5.7
	1972	248,619	1,418,034-	66,801	1,484,835-	3.7
	1973	60,246	94,033-	94,340	188,373-	.6
	1974	82,049	134,340	112,537	21,803	.7
	1975	62,636	15,060	34,473	19,413-	1.8
	1976	68,387	32,214	26,463	5,751	2.6
	TOTAL (1963-1976)		205,488-	2,053,192	2,258,680-	
	PERCENT CHANGE	97.1-		84.9-		
TOTAL ALL COMPANIES	1963	148,540,057		9,350,628		20.2
	1964	189,165,424	10,639,942	10,014,575	625,367	18.9
	1965	192,076,788	13,282,139	10,370,775	2,911,364	18.5
	1966	195,130,322	14,190,100	11,136,566	3,053,534	17.5
	1967	198,061,163	14,750,852	11,820,011	2,930,841	16.8
	1968	194,962,033	9,452,967	12,552,097	3,099,130-	15.5
	1969	187,609,270	6,080,625	13,433,388	7,352,763-	14.0
	1970	173,555,745	38,258	14,091,783	14,053,525-	12.3
	1971	161,341,386	1,990,733	14,205,090	12,214,357-	11.4
	1972	146,905,647	228,804-	14,206,937	14,435,741-	10.3
	1973	134,317,273	1,092,009-	13,680,383	12,588,374-	9.8
	1974	120,542,602	809,621-	12,965,050	13,774,671-	9.3
	1975	106,816,456	1,734,398-	11,991,743	13,726,146-	8.9
	1976	98,282,085	2,854,237	11,388,608	8,534,371-	8.6
	TOTAL (1963-1976)		71,599,039	161,857,011	90,257,972-	
	PERCENT CHANGE	47.9-		21.8		

PART V

MAJOR GAS SUPPLY COMPANIES

Table 23 - 1976 YEAR-END DOMESTIC GAS RESERVES, PRODUCTION AND PURCHASES OF PIPELINE COMPANIES REPORTED ON FORM 15

	<u>Major Supply Companies</u>	<u>Minor Supply Companies</u>	<u>Total</u>
<u>Number of Companies</u>	26	32	58
<u>Gas Reserves at Year End</u>	(Billion Mcf at 14.73 Psia @ 60°F.)		
Company Owned	10.2	0.6	10.8
Independent Producer <u>2/</u> Contracts	<u>86.1</u>	<u>1.3</u>	<u>87.4</u>
Total	96.3	1.9	98.2
Percent of Total	98.0	0.2	
<u>Annual Production and Purchases</u>			
Company Owned	0.62	0.05	0.67
Independent Producer Contracts	<u>10.52</u>	<u>0.20</u>	<u>10.72</u>
Total	11.14	0.25	11.39
Percent of Total	97.8	2.2	

Table 24 - 1963 - 1976 DOMESTIC RESERVES, PRODUCTION AND PURCHASES OF MAJOR GAS SUPPLY COMPANIES 1/

<u>Year</u>	<u>Number of Companies</u>	<u>Annual Production and Purchases</u>	<u>Year End Gas Reserves</u>
1963	24	9.0	184.6
1964	24	9.7	185.0
1965	23	10.0	187.6
1966	24	10.8	190.0
1967	24	11.5	194.1
1968	24	12.2	191.3
1969	24	13.1	184.2
1970	25	13.8	170.1
1971	25	13.9	158.1
1972	25	13.9	144.2
1973	25	13.4	131.9
1974	26	12.7	118.3
1975	26	11.7	104.7
1976	26	11.1	96.4

1/ Major companies are those having over 900 billion cubic feet of domestic in-the-ground reserves at the inception of the Form 15 report or date of first filing of the form.

2/ Includes emergency purchases.

Table 25 - MAJOR GAS SUPPLY COMPANIES

Annual Gross Change in Reserves, Annual Production and Gross Change-Production (GC/P) Ratios 1/
 12-31-71 to 12-31-76
 (All Volumes in Thousands Mcf at 14.73 Psia @ 60°F.)

Company	Item	* Year End 1971	Annual Gross Change in Reserves <u>2/</u> Year End Increase or (Decrease)				1976	Year End 1976	Total Change 12-31-71 to 12-31-75
			1972	1973	1974	1975			
Arkansas Louisiana Gas Co.	Reserves	5,968,565	161,335	(181,276)	26,951	79,204	256,179	4,559,229	342,193
	Annual Production	431,951	407,515	405,981	331,051	315,888	291,294	291,294	1,751,529
	GC/P Ratio		0.40	(0.44)	0.08	0.25	0.88		0.20
Cities Service Gas Co.	Reserves	5,655,636	111,489	174,245	(47,224)	317,544	568,305	4,716,535	1,124,359
	Annual Production	493,461	487,177	462,220	401,820	358,041	354,202	354,202	2,063,460
	GC/P Ratio		0.23	0.38	0.12	0.89	0.61		0.54
Colorado Interstate Gas Co.	Reserves	4,631,091	21,304	(78,418)	237,397	546,012	283,254	3,713,907	1,009,549
	Annual Production	353,564	361,472	409,664	384,318	383,713	387,566	387,566	1,926,733
	GC/P Ratio		0.06	(0.19)	0.62	1.42	0.73		0.52
Columbia Gas Transmission Corp.	Reserves	8,993,706	(832,317)	235,589	(253,256)	(359,172)	(50,244)	4,012,235	(1,259,400)
	Annual Production	839,510	878,895	860,401	792,489	616,105	574,181	574,181	3,722,071
	GC/P Ratio		(0.95)	0.27	0.32	(0.58)	(0.09)		(0.34)
Consolidated Gas Supply Corp.	Reserves	1,129,710	57,802	165,761	140,487	44,146	88,027	1,083,781	496,223
	Annual Production	107,426	101,248	109,618	109,209	103,775	118,302	118,302	542,152
	GC/P Ratio	1.89	0.57	1.51	1.29	0.43	0.74		0.92
El Paso Natural Gas Co.	Reserves	25,186,100	(25,800)	(200,711)	(4,341,425)	139,461	166,239	13,942,441	(4,262,236)
	Annual Production	1,703,600	1,588,800	1,533,799	1,341,780	1,242,874	1,174,170	1,174,170	6,981,423
	GC/P Ratio		(0.02)	(0.13)	3.23	0.11	0.14		(0.61)
Florida Gas Transmission Co.	Reserves	1,437,251	(93,728)	(11,782)	(119,776)	66,005	(13,909)	781,497	(173,190)
	Annual Production	115,157	114,953	119,242	102,166	75,833	70,370	70,370	482,564
	GC/P Ratio		(0.82)	(0.10)	(1.17)	0.87	(0.20)		(0.36)
Kansas-Nebraska Natural Gas Co., Inc.	Reserves	2,309,560	(52,127)	8,631	(1,628)	41,630	(75,288)	1,631,540	(78,782)
	Annual Production	126,338	121,281	115,075	123,347	119,509	120,026	120,026	599,238
	GC/P Ratio		(0.43)	0.07	0.01	0.35	(0.63)		(0.13)
Michigan Wisconsin Pipe Line Co.	Reserves	7,880,179	716,251	364,072	(263,703)	(76,392)	11,132	5,186,201	751,360
	Annual Production	636,082	678,604	713,671	711,218	688,311	653,534	653,534	3,445,338
	GC/P Ratio		1.06	0.61	0.37	(0.11)	0.02		0.22

Table 25 - MAJOR GAS SUPPLY COMPANIES

Annual Gross Change In Reserves, Annual Production and Gross Change-Production (GC/P) Ratios 1/
12-31-71 to 12-31-76

(All Volumes in Thousands Mcf at 14.73 Psia @ 60°F.)

Company	Item	Year End 1971	Annual Gross Change in Reserves 2/ Increase or (Decrease)			1975	1976	Year End 1976	Total Change 12-31-71 to 12-31-75
			1972	1973	1974				
Montana-Dakota Utilities Co.	Reserves	887,528	15,202	93,954	56,657	(14,458)	16,791	790,916	168,146
	Annual Production	58,264	55,811	55,838	53,072	51,444	48,593	48,593	264,758
	GC/P Ratio		0.27	1.68	1.07	(0.28)	0.35		0.64
Mountain Fuel Supply Co.	Reserves	1,429,104	155,622	83,789	49,008	85,065	(71,953)	1,243,079	301,531
	Annual Production	95,129	94,098	99,578	97,713	100,519	95,648	95,648	487,556
	GC/P Ratio		1.65	0.84	0.50	0.85	(0.75)		0.62
Natural Gas Pipeline Co. of America	Reserves	9,878,508	124,780	161,613	476,765	(139,277)	502,716	6,580,608	1,126,597
	Annual Production	961,834	923,390	879,868	844,835	880,405	895,999	895,999	4,424,497
	GC/P Ratio		0.14	(0.18)	0.56	(0.16)	0.56		0.25
Northern Natural Gas Co.	Reserves	13,620,456	315,283	(614,121)	(99,633)	(393,398)	(111,146)	8,205,522	(903,015)
	Annual Production	907,108	928,633	949,810	918,252	905,911	809,313	809,313	4,511,919
	GC/P Ratio		0.34	(0.65)	0.11	(0.43)	(0.14)		(0.20)
Northwest Pipeline Corp. (First Form 15 Filed for year 1974)	Reserves				4,661,581	(17,275)	54,026	4,257,259	36,751
	Annual Production				147,507	147,535	146,031	146,031	293,566
	GC/P Ratio					(0.12)	0.37		0.13
Panhandle Eastern Pipe Line Co.	Reserves	5,939,074	(9,657)	175,816	765,975	316,971	62,344	4,474,229	1,311,449
	Annual Production	586,469	594,061	592,761	586,258	540,160	463,054	463,054	2,776,294
	GC/P Ratio		0.02	0.30	1.31	0.59	0.13		0.47
Sea Robin Pipeline Co.	Reserves	697,230	762,190	120,873	127	35,641	74,479	574,344	993,310
	Annual Production	77,431	96,811	206,206	270,863	290,976	251,340	251,340	1,116,196
	GC/P Ratio		7.87	0.59	0.00	0.12	0.30		0.89
South Texas Natural Gas Gathering Co.	Reserves	512,712	106,760	36,743	(43,527)	(100,986)	(42,894)	215,284	(43,904)
	Annual Production	73,308	63,037	60,286	52,268	43,858	33,775	33,775	253,224
	GC/P Ratio		1.69	0.61	0.83	(2.30)	(1.27)		(0.17)
Southern Natural Gas Co.	Reserves	5,459,989	74,569	(31,596)	(362,167)	82,922	(276,809)	2,507,609	(513,081)
	Annual Production	574,727	601,355	507,789	472,977	442,492	414,686	414,686	2,439,299
	GC/P Ratio		0.12	(0.06)	(0.77)	0.19	(0.67)		(0.21)
Tennessee Gas Pipeline Co. (Division of Tenneco)	Reserves	17,582,419	(838,072)	385,003	(1,206,733)	(785,339)	507,348	9,303,638	(1,937,853)
	Annual Production	1,346,791	1,348,791	1,327,130	1,273,023	1,211,104	1,181,025	1,181,025	6,340,928
	GC/P Ratio		(0.62)	0.29	0.95	(0.65)	0.43		(0.31)

Table 25 - MAJOR GAS SUPPLY COMPANIES

Annual Gross Change in Reserves, Annual Production and Gross Change-Production (GC/P) Ratios ^{1/}
12-31-71 to 12-31-76

(All Volumes in Thousands Mcf at 14.73 Psia @ 60°F.)

Company	Item	Year End 1971	1972	1973	1974	1975	1976	Year End 1976	Total Change 12-31-71 to 12-31-75
Texas Eastern Transmission Corp.	Reserves	6,503,239	239,577	28,541	(84,136)	(60,734)	(42,007)	4,012,682	81,041
	Annual Production	620,179	613,491	544,477	486,033	433,980	493,617	493,617	2,571,598
	GC/P Ratio		0.29	0.05	0.17	(0.14)	(0.09)		0.03
Texas Gas Transmission Corp.	Reserves	5,858,762	67,580	(59,941)	(7,322)	29,727	(8,520)	3,130,875	21,524
	Annual Production	591,913	616,031	601,348	567,169	509,368	455,495	455,495	2,749,411
	GC/P Ratio		(0.11)	0.10	0.01	0.06	(0.02)		0.01
Transcontinental Gas Pipe Line Corp.	Reserves	8,085,867	(205,539)	654,489	(75,959)	(380,373)	328,331	4,389,969	320,899
	Annual Production	987,378	988,430	913,263	799,210	703,996	611,898	611,898	4,016,797
	GC/P Ratio		(0.2.)	0.72	(0.10)	(0.54)	0.54		0.08
Transwestern Pipeline Co.	Reserves	3,996,761	(235,853)	(63,217)	(290,569)	(144,593)	109,046	1,697,910	(625,186)
	Annual Production	350,159	365,952	381,800	345,035	307,544	273,324	273,324	1,673,655
	GC/P Ratio		(0.64)	(0.17)	0.84	(0.47)	0.40		(0.37)
Trunkline Gas Co.	Reserves	5,236,582	6,554	(239,587)	(316,252)	(805,512)	187,387	1,986,715	(1,167,410)
	Annual Production	511,111	522,254	448,655	385,002	364,348	362,218	362,218	2,082,457
	GC/P Ratio		0.01	(0.53)	0.82	(2.21)	0.52		(0.56)
United Gas Pipe Line Co.	Reserves	9,017,378	(539,253)	(433,842)	(272,485)	(67,428)	17,040	3,131,036	(1,295,968)
	Annual Production	1,295,149	1,178,111	1,032,315	861,102	777,407	741,439	741,439	4,590,374
	GC/P Ratio		(0.46)	(0.42)	0.32	(0.09)	0.02		(0.28)
West Texas Gathering Co.	Reserves	744,515	(47,594)	(12,783)	(21,992)	(42,212)	25,195	190,276	99,386
	Annual Production	94,029	93,124	94,736	92,612	89,627	84,814	84,814	454,913
	GC/P Ratio		(0.51)	(0.13)	0.24	(0.47)	0.30		0.22
Total	Reserves	158,641,672	56,103	761,845	(1,392,899)	(1,602,821)	2,565,069	96,319,317	(4,075,707)
	Annual Production	13,938,068	13,923,160	13,425,531	12,550,329	11,704,723	11,105,914	11,105,914	62,471,950
	GC/P Ratio		0.004	0.05	(0.11)	(0.14)	0.23		(0.07)
Totals Adjusted to Eliminate Duplications Between Major Companies and to Correct Arithmetic Errors in Reported Data.									
	Reserves	158,071,184	52,985	1,027,694	(841,802)	(1,808,837)	2,731,557	96,367,859	1,161,597
	Annual Production	13,914,403	13,891,095	13,402,126	12,706,198	11,728,308	11,137,197	11,137,197	62,864,922
	GC/P Ratio		0.004	0.08	0.07	(0.15)	0.25		

^{1/} Excludes pipeline imports, LNG and SNG.^{2/} Gross change in reserves is the net change in reserves plus annual production.

PART VI

1976 TOTAL GAS SUPPLY COMPOSITION BY COMPANY

The gas supplies, production and purchases of the natural gas pipeline companies are summarized by Gas Supply Source and show the percentage relationship of each source to total company supply and production. These summaries are presented in two tables.

Table 26 presents a summary of the gas supply for pipeline companies with in-the-ground reserves as of year-end 1976.

Table 27 presents a summary of gas supply for pipeline companies who purchase their total from other pipeline companies.

TABLE: 26 INTERSTATE PIPELINE COMPANIES FILING FORM 15 REPORTS
WITH OWNED AND CONTRACTED GAS RESERVES
TOTAL GAS SUPPLY COMPOSITION

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

		-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
COMPANY NAME	GAS SUPPLY SOURCE	VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
A. MAJOR GAS SUPPLY COMPANIES					
ARKANSAS LOUISIANA GAS CO.					
GAS RESERVES					
COMPANY OWNED		23,836	7.61	446,862	8.96
PRODUCER CONTRACTS		267,458	85.49	4,112,367	82.45
SUB-TOTAL		291,294	93.10	4,559,229	91.41
DOMESTIC PIPELINE PURCHASE					
CITIES SERVICE GAS CO		223	.07	4,400	.08
MISS RIVER TRANS CORP		3,315	1.05	68,840	1.38
NATURAL GAS P L CO OF AMER		5	.00	120	.00
OKLAHOMA NATURAL GAS CO		1,117	.35	23,840	.47
TENNESSEE G PL DIV TENNECO		69	.02	1,120	.02
TEXAS EASTERN TRANS CORP		469	.14	8,440	.16
TEXAS GAS TRANSMISSION COR		6,706	2.14	124,260	2.49
UNITED GAS PIPE LINE CO		8,170	2.61	168,960	3.38
*LO-VACA GATHERING CO		1,447	.52	27,920	.61
*KUCH INDUSTRIES		2	.00		.00
SUB-TOTAL		21,523	6.90	427,900	8.59
TOTAL COMPANY GAS SUPPLY		312,817	100.00	4,987,129	100.00
CITIES SERVICE GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		154,202	78.88	4,716,535	74.49
SUB-TOTAL		154,202	78.88	4,716,535	74.49
DOMESTIC PIPELINE PURCHASE					
ARKANSAS LOUISIANA GAS CO		19,569	4.35	417,470	6.59
OKLAHOMA NAT GAS GATH CORP		13,718	3.05	71,160	1.12
TRANSWESTERN PIPELINE CO		61,541	13.72	1,126,256	17.80
SUB-TOTAL		94,828	21.12	1,614,886	25.51
TOTAL COMPANY GAS SUPPLY		449,030	100.00	6,331,421	100.00
COLO INTERSTATE GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		387,566	88.03	3,713,907	88.46
SUB-TOTAL		387,566	88.03	3,713,907	88.46
DOMESTIC PIPELINE PURCHASE					
MCCULLOCH INTERSTATE G COR		1,581	.38	1,540	.03
NORTHWEST PIPELINE CORP		49,788	11.30	473,534	11.27
WESTERN TRANSMISSION CORP		1,204	.29	9,420	.24
SUB-TOTAL		52,673	11.97	484,494	11.54
TOTAL COMPANY GAS SUPPLY		440,239	100.00	4,198,401	100.00
COLUMBIA GAS TRANS CORP					
GAS RESERVES					
COMPANY OWNED		52,241	4.91	425,159	3.19
PRODUCER CONTRACTS		521,943	49.14	3,589,856	26.96
SUB-TOTAL		574,184	54.05	4,015,015	30.15
DOMESTIC PIPELINE PURCHASE					
PANHANDLE EASTERN P L CO		67,262	6.33	1,102,110	8.27
TENNESSEE G PL DIV TENNECO		213,223	20.07	2,334,071	17.53
TEXAS EASTERN TRANS CORP		105,998	9.98	1,528,440	11.48
TEXAS GAS TRANSMISSION COR		32,031	7.72	1,362,515	10.23
TRANSCONTINENTAL G P L COR		19,347	1.85	196,770	1.47
IMPORTS					
COLUMBIA LNG CORP			.00	2,773,075	20.87
SUB-TOTAL		487,861	45.95	9,296,981	69.85
TOTAL COMPANY GAS SUPPLY		1,062,045	100.00	13,311,996	100.00

* NON-JURISDICTIONAL COMPANIES NOT REQUIRED TO FILE FORM 15 REPORT.

1/ INCLUDES 2780 THOUSAND MCF OF LNG.

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

		-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
COMPANY NAME	GAS SUPPLY SOURCE	VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
A. MAJOR GAS SUPPLY COMPANIES					
CONSOLIDATED G SUPPLY CORP					
GAS RESERVES					
	COMPANY OWNED	37,341	5.91	496,222	4.36
	PRODUCER CONTRACTS	80,961	12.82	587,559	5.17
	SUB-TOTAL	118,302	18.73	1,083,781	9.53
DOMESTIC PIPELINE PURCHASE					
	TENNESSEE G PL DIV TENNECO	210,385	33.40	2,496,025	21.98
	TEXAS EASTERN TRANS CORP	198,024	31.36	2,943,932	25.92
	TEXAS GAS TRANSMISSION COR	97,273	15.40	1,390,013	12.24
	TRANSCONTINENTAL G P L COR	6,904	1.11	97,204	.85
IMPORTS					
	EL PASO ALGERIA CORP		.00	3,344,468	29.48
	SUB-TOTAL	513,086	81.27	10,271,642	90.47
	TOTAL COMPANY GAS SUPPLY	631,388	100.00	11,355,423	100.00
EL PASO NATURAL GAS CO					
GAS RESERVES					
	COMPANY OWNED	243,009	19.18	5,197,547	36.74
	PRODUCER CONTRACTS	921,161	73.49	8,744,894	61.82
	SUB-TOTAL	1,174,170	92.67	13,942,441	98.56
DOMESTIC PIPELINE PURCHASE					
	NORTHERN NATURAL GAS CO	14,410	1.13	14,163	.10
	WEST TEXAS GATH CO	78,400	6.20	188,500	1.34
	SUB-TOTAL	92,810	7.33	202,663	1.44
	TOTAL COMPANY GAS SUPPLY	1,266,980	100.00	14,145,104	100.00
FLORIDA GAS TRANS CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	70,370	80.58	897,922	79.41
	SUB-TOTAL	70,370	80.58	897,922	79.41
DOMESTIC PIPELINE PURCHASE					
	C B GAS GATHERING INC		.00	3	.00
	SOUTHERN NATURAL GAS CO	16,957	19.42	232,712	20.59
	SUB-TOTAL	16,957	19.42	232,715	20.59
	TOTAL COMPANY GAS SUPPLY	87,327	100.00	1,130,637	100.00
KANSAS NEBRASKA NAT GAS CO					
GAS RESERVES					
	COMPANY OWNED	46,490	33.75	772,469	44.64
	PRODUCER CONTRACTS	73,536	53.39	859,071	49.65
	SUB-TOTAL	120,026	87.14	1,631,540	94.29
DOMESTIC PIPELINE PURCHASE					
	COLO INTERSTATE GAS CO	10,513	7.63	72,323	4.18
	NORTHERN NATURAL GAS CO	5,363	3.89	16,155	.93
	PANHANDLE EASTERN P L CO	1,814	1.34	7,651	.44
	*SUNFLOWER ELECTRIC CORP	1	.00	2,490	.16
	SUB-TOTAL	17,691	12.86	98,619	5.71
	TOTAL COMPANY GAS SUPPLY	137,717	100.00	1,730,159	100.00
MICHIGAN WIS PIPE LINE CO					
GAS RESERVES					
	COMPANY OWNED	4,415	.54	27,707	.33
	PRODUCER CONTRACTS	649,119	79.73	5,158,494	63.20
	SUB-TOTAL	653,534	80.27	5,186,201	63.53
DOMESTIC PIPELINE PURCHASE					
	GREAT LAKES GAS TRANS CO	4,830	.59	94,900	1.16
	MIDWESTERN GAS TRANS CO	99,340	12.20	1,978,300	24.24
	NORTHERN NATURAL GAS CO	25,370	3.07	340,670	4.17
	TEXAS GAS TRANSMISSION COR	13,364	1.60	195,956	2.40
IMPORTS					
	TRANS-CANADA PIPELINE, LTD	18,300	2.27	365,000	4.50
	SUB-TOTAL	160,604	19.73	2,974,826	36.47
	TOTAL COMPANY GAS SUPPLY	814,138	100.00	8,161,027	100.00

* NON-JURISDICTIONAL COMPANIES NOT REQUIRED TO FILE FORM 15 REPORT.

2/ INCLUDES PURCHASES FROM SOUTHERN UNION GAS CO. OF 26,262 THOUSAND MCF AND REMAINING RESERVES OF 422,875 THOUSAND MCF REPORTED AS A PIPELINE PURCHASE.

3/ INCLUDES 116,425 THOUSAND MCF OF LNG FROM SOUTHERN NATURAL GAS CO.

4/ INCLUDES PURCHASES FROM UNION OIL CO. OF CALIFORNIA OF 159 THOUSAND MCF AND REMAINING RESERVES OF 9,950 THOUSAND MCF REPORTED AS A PIPELINE PURCHASE.

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

		-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
COMPANY NAME	GAS SUPPLY SOURCE	VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
A. MAJOR GAS SUPPLY COMPANIES					
MONTANA DAKOTA UTILITIES CO					
GAS RESERVES					
	COMPANY OWNED	7,283	14.98	274,088	34.65
	PRODUCER CONTRACTS	41,310	85.02	516,828	65.35
	SUB-TOTAL	48,593	100.00	790,916	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	48,593	100.00	790,916	100.00
MOUNTAIN FUEL SUPPLY CO					
GAS RESERVES					
	COMPANY OWNED	39,178	31.51	645,233	41.07
	PRODUCER CONTRACTS	56,470	45.42	597,846	38.05
	SUB-TOTAL	95,648	76.93	1,243,079	79.12
DOMESTIC PIPELINE PURCHASE					
	CASCADE NATURAL GAS CORP	4,876	3.92	37,659	2.39
	COLO INTERSTATE GAS CO	763	.61	8,581	.54
	MESA PIPELINE CO	3,809	3.06	50,212	3.19
	NORTHWEST PIPELINE CORP	19,097	15.36	229,964	14.63
	UINTA PIPELINE CO	124	.12	1,348	.13
	SUB-TOTAL	28,669	23.07	327,764	20.88
	TOTAL COMPANY GAS SUPPLY	124,317	100.00	1,570,843	100.00
NATURAL GAS P L CO OF AMER					
GAS RESERVES					
	COMPANY OWNED	54,260	5.00	340,422	4.02
	PRODUCER CONTRACTS	841,739	77.66	6,240,186	73.81
	SUB-TOTAL	895,999	82.66	6,580,608	77.83
DOMESTIC PIPELINE PURCHASE					
	CIMARRON TRANSMISSION CO	8,679	.80	43,076	.50
	COLO INTERSTATE GAS CO	85,962	7.93	899,000	10.63
	GREAT LAKES GAS TRANS CO	57,452	5.30	783,060	9.26
	SOUTH TEXAS NAT GAS CO	791	.07	3,225	.03
	TENNESSEE G PL DIV TENNECO	16,847	1.55		.00
	UNITED GAS PIPE LINE CO	18,023	1.69	144,800	1.75
	SUB-TOTAL	187,754	17.34	1,073,161	22.17
	TOTAL COMPANY GAS SUPPLY	1,083,753	100.00	8,453,769	100.00
NORTHERN NATURAL GAS CO					
GAS RESERVES					
	COMPANY OWNED	3,617	.44	52,620	.62
	PRODUCER CONTRACTS	809,683	98.63	8,163,755	97.72
	SUB-TOTAL	813,300	99.07	8,216,375	98.34
DOMESTIC PIPELINE PURCHASE					
	COLO INTERSTATE GAS CO	6,573	.80	121,493	1.45
	*OKLAHOMA NATURAL GAS CO		.00	424	.00
	*ANADARKO PRODUCTION CO	1,041	.13	12,237	.14
	*PIONEER NATURAL GAS CO		.00	1,712	.02
	*PIONEER CORP		.00	1,196	.05
	SUB-TOTAL	7,614	.93	137,062	1.66
	TOTAL COMPANY GAS SUPPLY	820,914	100.00	8,353,437	100.00
NORTHWEST PIPELINE CORP					
GAS RESERVES					
	COMPANY OWNED	38,593	9.47	1,013,009	12.86
	PRODUCER CONTRACTS	107,438	26.37	3,244,250	41.20
	SUB-TOTAL	146,031	35.84	4,257,259	54.06
DOMESTIC PIPELINE PURCHASE					
	*UTAH GAS SERVICE	371	.09	60	.00
IMPORTS					
	WEST COAST TRANSMISSION CO	260,974	64.07	3,616,420	45.94
	SUB-TOTAL	261,345	64.16	3,616,480	45.94
	TOTAL COMPANY GAS SUPPLY	407,376	100.00	7,873,739	100.00

* NON-JURISDICTIONAL COMPANIES NOT REQUIRED TO FILE FORM 15 REPORT.

5/ INCLUDES PURCHASES FROM ILAND INC., MOBIL OIL CORP. AND DIAMOND SHAMROCK OF 3,987 THOUSAND MCF AND REMAINING RESERVES OF 10,852 MCF REPORTED AS PIPELINE PURCHASES.

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	PRODUCED AND/OR PURCHASED VOLUME 1976	PERCENT COMPANY TOTAL	---REMAINING GAS VOLUME 1976	SUPPLY--- PERCENT COMPANY TOTAL
A. MAJOR GAS SUPPLY COMPANIES					
PANHANDLE EASTERN P L CO					
GAS RESERVES					
COMPANY OWNED					
PRODUCER CONTRACTS					
		463,054	74.17	4,474,229	82.69
	SUB-TOTAL	463,054	74.17	4,474,229	82.69
DOMESTIC PIPELINE PURCHASE					
	BACA GAS GATH SYSTEM INC	971	.15	10,887	.20
	GAS MARKETING INC	14	.00	37	.00
	KANSAS NEBRASKA NAT GAS CO	5,327	.85	56,711	1.04
	NORTHERN NATURAL GAS CO		.00	7,891	.14
	TRUNKLINE GAS CO	154,881	24.83	860,879	15.93
	WESTERN GAS INTERSTATE CO	23	.00	26	.00
	SUB-TOTAL	161,216	25.83	936,431	17.31
	TOTAL COMPANY GAS SUPPLY	624,270	100.00	5,410,660	100.00
SEA ROBIN PIPELINE COMPANY					
GAS RESERVES					
COMPANY OWNED					
PRODUCER CONTRACTS					
		251,340	100.00	574,344	100.00
	SUB-TOTAL	251,340	100.00	574,344	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	251,340	100.00	574,344	100.00
SOUTH TEX NAT GAS GATH CO					
GAS RESERVES					
COMPANY OWNED					
PRODUCER CONTRACTS					
		33,775	100.00	215,284	100.00
	SUB-TOTAL	33,775	100.00	215,284	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	33,775	100.00	215,284	100.00
SOUTHERN NATURAL GAS CO					
GAS RESERVES					
COMPANY OWNED					
PRODUCER CONTRACTS					
		31,056	5.25	243,487	3.55
	SUB-TOTAL	383,630	64.96	2,264,122	33.05
		414,686	70.21	2,507,609	36.60
DOMESTIC PIPELINE PURCHASE					
	SEA ROBIN PIPELINE COMPANY	124,005	21.00	355,835	5.19
	UNITED GAS PIPE LINE CO	51,795	8.79	730,843	10.66
IMPORTS					
	EL PASO ALGERIA CORP		.00	3,255,821	47.55
	SUB-TOTAL	175,800	29.79	4,342,499	63.40
	TOTAL COMPANY GAS SUPPLY	590,486	100.00	6,850,108	100.00
TENNESSEE G PL DIV TENNECO					
GAS RESERVES					
COMPANY OWNED					
PRODUCER CONTRACTS					
		21,570	1.82	204,454	2.19
	SUB-TOTAL	1,159,455	98.18	9,099,184	97.81
		1,181,025	100.00	9,303,638	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	1,181,025	100.00	9,303,638	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED- VOLUME 1976	PERCENT COMPANY TOTAL	---REMAINING GAS SUPPLY--- VOLUME 1976	PERCENT COMPANY TOTAL
A. MAJOR GAS SUPPLY COMPANIES					
TEXAS EASTERN TRANS CORP					
GAS RESERVES					
	COMPANY OWNED	13,340	1.68	18,578	.21
	PRODUCER CONTRACTS	480,277	60.81	3,994,104	45.63
	SUB-TOTAL	493,617	62.49	4,012,682	45.84
DOMESTIC PIPELINE PURCHASE					
	SOUTHERN UNION GATHERING C	15,467	1.95	172,000	1.96
	TEXAS GAS PIPE LINE CORP	787	.09	913	.01
	TEXAS GAS TRANSMISSION CORP	85,636	10.84	1,362,021	15.56
	UNITED GAS PIPE LINE CO	194,219	24.63	3,205,222	36.63
	SUB-TOTAL	256,109	37.51	4,740,156	54.16
	TOTAL COMPANY GAS SUPPLY	789,726	100.00	8,752,838	100.00
TEXAS GAS TRANSMISSION CORP					
GAS RESERVES					
	COMPANY OWNED	112	.01	1,020	.01
	PRODUCER CONTRACTS	455,383	74.45	3,129,855	57.79
	SUB-TOTAL	455,495	74.46	3,130,875	57.80
DOMESTIC PIPELINE PURCHASE					
	TENNESSEE G PL DIV TENNECO	9,370	1.53	138,206	2.55
	TEXAS EASTERN TRANS CORP	48,222	7.88	720,729	13.30
	UNITED GAS PIPE LINE CO	98,530	16.13	1,425,479	26.35
	SUB-TOTAL	156,122	25.54	2,284,414	42.20
	TOTAL COMPANY GAS SUPPLY	611,617	100.00	5,415,289	100.00
TRANSCONTINENTAL G P L CORP					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	611,898	95.02	4,389,969	95.57
	SUB-TOTAL	611,898	95.02	4,389,969	95.57
DOMESTIC PIPELINE PURCHASE					
	SOUTH TEXAS NAT GAS CO	30,176	4.68	188,971	4.11
	TEXAS GAS PIPE LINE CORP	1,845	.30	14,498	.32
	SUB-TOTAL	32,021	4.98	203,469	4.43
	TOTAL COMPANY GAS SUPPLY	643,919	100.00	4,593,438	100.00
TRANSWESTERN PIPELINE CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	273,324	100.00	1,697,910	100.00
	SUB-TOTAL	273,324	100.00	1,697,910	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	273,324	100.00	1,697,910	100.00
TRUNKLINE GAS CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	362,218	99.85	1,986,715	99.92
	SUB-TOTAL	362,218	99.85	1,986,715	99.92
DOMESTIC PIPELINE PURCHASE					
	REGIS GAS SYSTEMS INC	536	.15	1,459	.08
	SUB-TOTAL	536	.15	1,459	.08
	TOTAL COMPANY GAS SUPPLY	362,754	100.00	1,988,174	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED-	---	REMAINING GAS	SUPPLY---	
		VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL	
A. MAJOR GAS SUPPLY COMPANIES						
UNITED GAS PIPE LINE CO						
GAS RESERVES						
COMPANY OWNED			.00	91,190	2.66	
PRODUCER CONTRACTS		741,439	85.67	3,039,846	88.93	
SUB-TOTAL		741,439	85.67	3,131,036	91.59	
DOMESTIC PIPELINE PURCHASE						
SEA ROBIN PIPELINE COMPANY		124,005	14.33	287,172	8.41	
SUB-TOTAL		124,005	14.33	287,172	8.41	
TOTAL COMPANY GAS SUPPLY		865,444	100.00	3,418,208	100.00	
WEST TEXAS GATH CO						
GAS RESERVES						
COMPANY OWNED			.00		.00	
PRODUCER CONTRACTS		84,314	100.00	190,276	100.00	
SUB-TOTAL		84,314	100.00	190,276	100.00	
DOMESTIC PIPELINE PURCHASE						
SUB-TOTAL			.00		.00	
TOTAL COMPANY GAS SUPPLY		84,314	100.00	190,276	100.00	

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

		-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
COMPANY NAME	GAS SUPPLY SOURCE	VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
B. MINOR GAS SUPPLY COMPANIES					
ARKANSAS OKLAHOMA GAS CORP					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		1,093	59.33	18,424	67.40
SUB-TOTAL		1,093	59.33	18,424	67.40
DOMESTIC PIPELINE PURCHASE					
MISS RIVER TRANS CORP		749	40.67	8,909	32.60
SUB-TOTAL		749	40.67	8,909	32.60
TOTAL COMPANY GAS SUPPLY		1,842	100.00	27,333	100.00
BLACKSVILLE OIL AND GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		8	21.62	154	25.20
SUB-TOTAL		8	21.62	154	25.20
DOMESTIC PIPELINE PURCHASE					
COLUMBIA GAS TRANS CORP		29	78.38	457	74.80
SUB-TOTAL		29	78.38	457	74.80
TOTAL COMPANY GAS SUPPLY		37	100.00	611	100.00
CAPROCK PIPELINE CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		1,123	100.00	26,995	100.00
SUB-TOTAL		1,123	100.00	26,995	100.00
DOMESTIC PIPELINE PURCHASE					
SUB-TOTAL			.00		.00
TOTAL COMPANY GAS SUPPLY		1,123	100.00	26,995	100.00
GARNICOT NATURAL GAS CO					
GAS RESERVES					
COMPANY OWNED		2,135	6/ 13.66	38,804	6/ 16.78
PRODUCER CONTRACTS		5,740	6/ 36.74	25,692	6/ 11.11
SUB-TOTAL		7,875	50.40	64,496	27.89
DOMESTIC PIPELINE PURCHASE					
TEXAS EASTERN TRANS CORP		7,746	49.60	166,646	72.11
SUB-TOTAL		7,746	49.60	166,646	72.11
TOTAL COMPANY GAS SUPPLY		15,621	100.00	231,142	100.00
CIMARRON TRANSMISSION CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		8,898	7/ 100.00	44,171	7/ 100.00
SUB-TOTAL		8,898	100.00	44,171	100.00
DOMESTIC PIPELINE PURCHASE					
SUB-TOTAL			.00		.00
TOTAL COMPANY GAS SUPPLY		8,898	100.00	44,171	100.00
COLUMBIA GULF TRANS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS		4,382	100.00	56,846	100.00
SUB-TOTAL		4,382	100.00	56,846	100.00
DOMESTIC PIPELINE PURCHASE					
SUB-TOTAL			.00		.00
TOTAL COMPANY GAS SUPPLY		4,382	100.00	56,846	100.00

6/ NET GAS VOLUMES

7/ INCLUDES PURCHASES FROM LINCOLN ROCK CORP OF 219 THOUSAND MCF AND REMAINING RESERVES OF 1,095 THOUSAND MCF.

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	PRODUCED AND/OR VOLUME 1976	PURCHASED- PERCENT COMPANY TOTAL	---REMAINING GAS VOLUME 1976	SUPPLY--- PERCENT COMPANY TOTAL
B. MINOR GAS SUPPLY COMPANIES					
CRUMM-ZELLERBACH CORP					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	4,641	100.00	9,124	100.00
	SUB-TOTAL	4,641	100.00	9,124	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	4,641	100.00	9,124	100.00
EQUITABLE GAS CO					
GAS RESERVES					
	COMPANY OWNED	2,322	2.64	50,276	5.52
	PRODUCER CONTRACTS	12,654	14.42	202,583	22.27
	SUB-TOTAL	14,976	17.06	252,859	27.79
DOMESTIC PIPELINE PURCHASE					
	CHANEL INDUSTRIES INC	14	.01		.00
	KENTUCKY WEST VA GAS CO	18,037	20.55	24,461	2.68
	TENNESSEE G PL DIV TENNECO	23,738	27.05	327,880	36.04
	TEXAS EASTERN TRANS CORP	30,982	35.33	304,325	33.49
	SUB-TOTAL	72,771	82.94	656,666	72.21
	TOTAL COMPANY GAS SUPPLY	87,747	100.00	909,525	100.00
GAS TRANSPORT INC					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	32	1.02	32	.12
	SUB-TOTAL	32	1.02	32	.12
DOMESTIC PIPELINE PURCHASE					
	COLUMBIA GAS TRANS CORP	3,103	98.98	25,419	99.88
	SUB-TOTAL	3,103	98.98	25,419	99.88
	TOTAL COMPANY GAS SUPPLY	3,135	100.00	25,451	100.00
GEORGIA PACIFIC CORP					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	1,459	100.00	3,319	100.00
	SUB-TOTAL	1,459	100.00	3,319	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	1,459	100.00	3,319	100.00
HORNER AND SMITH					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	1,708	100.00	1,353	100.00
	SUB-TOTAL	1,708	100.00	1,353	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	1,708	100.00	1,353	100.00
INLAND GAS CO INC					
GAS RESERVES					
	COMPANY OWNED	1,977	14.60	21,789	10.57
	PRODUCER CONTRACTS	2,125	15.69	1,171	.56
	SUB-TOTAL	4,102	30.29	22,960	11.13
DOMESTIC PIPELINE PURCHASE					
	TENNESSEE G PL DIV TENNECO	9,438	69.71	183,141	88.87
	SUB-TOTAL	9,438	69.71	183,141	88.87
	TOTAL COMPANY GAS SUPPLY	13,540	100.00	206,101	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED- VOLUME 1976	PERCENT COMPANY TOTAL	---REMAINING GAS VOLUME 1976	SUPPLY--- PERCENT COMPANY TOTAL
B. MINOR GAS SUPPLY COMPANIES					
INTERNATIONAL PAPER CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	730	100.00	40,931	100.00
	SUB-TOTAL	730	100.00	40,931	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	730	100.00	40,931	100.00
KENTUCKY WEST VA GAS CO					
	GAS RESERVES				
	COMPANY OWNED	27,053	92.05	199,657	93.05
	PRODUCER CONTRACTS	2,334	7.95	14,911	6.95
	SUB-TOTAL	29,387	100.00	214,568	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	29,387	100.00	214,568	100.00
LONE STAR GAS CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	33,545	100.00	288,372	100.00
	SUB-TOTAL	33,545	100.00	288,372	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	33,545	100.00	288,372	100.00
LOUISIANA NEVADA TRANSIT C					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	4,875	100.00	87,157	100.00
	SUB-TOTAL	4,875	100.00	87,157	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	4,875	100.00	87,157	100.00
MCCULLOCH INTERSTATE G COR					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	5,490	100.00	22,612	100.00
	SUB-TOTAL	5,490	100.00	22,612	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	5,490	100.00	22,612	100.00
MID-LOUISIANA GAS CO					
	GAS RESERVES				
	COMPANY OWNED	9,362	37.93	64,349	52.71
	PRODUCER CONTRACTS	8,902	36.06	47,917	39.25
	SUB-TOTAL	18,264	73.99	112,266	91.96
	DOMESTIC PIPELINE PURCHASE				
	UNITED GAS PIPE LINE CO	6,416	26.01	9,800	8.04
	SUB-TOTAL	6,416	26.01	9,800	8.04
	TOTAL COMPANY GAS SUPPLY	24,680	100.00	122,066	100.00

8/ INCLUDES REMAINING RESERVES OF 58 THOUSAND MCF AND 117 THOUSAND MCF PRODUCED FROM LOCUST RIDGE GAS PROCESSING CO. REPORTED AS PIPELINE PURCHASE.

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	--PRODUCED AND/OR PURCHASED--		---REMAINING GAS SUPPLY---		
		VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL	
B. MINOR GAS SUPPLY COMPANIES						
MISS RIVER TRANS CORP						
GAS RESERVES						
COMPANY OWNED		2,189	.92	19,492	1.75	
PRODUCER CONTRACTS		47,408	20.29	203,938	18.33	
SUB-TOTAL		49,997	21.21	223,430	20.08	
DOMESTIC PIPELINE PURCHASE						
NATURAL GAS P L CO OF AMER		19,031	8.07	154,819	13.91	
TRUNKLINE GAS CO		26,302	11.16	144,910	13.02	
UNITED GAS PIPE LINE CO		140,288	59.56	589,348	52.99	
SUB-TOTAL		165,621	78.79	889,077	79.92	
TOTAL COMPANY GAS SUPPLY		235,618	100.00	1,112,507	100.00	
MOUNTAIN FUEL RESOURCES IN						
GAS RESERVES						
COMPANY OWNED			.00		.00	
PRODUCER CONTRACTS		4,876	100.00	37,659	100.00	
SUB-TOTAL		4,876	100.00	37,659	100.00	
DOMESTIC PIPELINE PURCHASE						
SUB-TOTAL			.00		.00	
TOTAL COMPANY GAS SUPPLY		4,876	100.00	37,659	100.00	
NATIONAL FUEL GAS SUPPLY C						
GAS RESERVES						
COMPANY OWNED		6,054	3.02	162,143	7.25	
PRODUCER CONTRACTS		19,923	9.96	53,430	2.38	
SUB-TOTAL		25,977	12.98	215,573	9.63	
DOMESTIC PIPELINE PURCHASE						
COLUMBIA GAS TRANS CORP		5,531	2.76	114,777	5.13	
CONSOLIDATED G SUPPLY CORP		32,557	16.27	309,738	13.85	
TENNESSEE G PL DIV TENNECO		100,285	50.14	1,212,010	54.20	
TEXAS EASTERN TRANS CORP		18,692	9.34	228,144	10.20	
TRANSCONTINENTAL G P L COR		6,459	3.22	109,667	4.90	
VALLEY GAS TRANS INC		5,238	2.61	43,098	1.92	
SNG PURCHASES						
COLUMBIA LNG CORP		286	.14	3,171	.17	
COKE OVEN GAS		4,968	2.54		.00	
SUB-TOTAL		174,016	87.02	2,020,605	90.37	
TOTAL COMPANY GAS SUPPLY		199,993	100.00	2,236,178	100.00	
OKLAHOMA NAT GAS GATH CORP						
GAS RESERVES						
COMPANY OWNED			.00		.00	
PRODUCER CONTRACTS		14,604	100.00	69,198	100.00	
SUB-TOTAL		14,604	100.00	69,198	100.00	
DOMESTIC PIPELINE PURCHASE						
SUB-TOTAL			.00		.00	
TOTAL COMPANY GAS SUPPLY		14,604	100.00	69,198	100.00	
PACIFIC INTERSTATE TRANS						
GAS RESERVES						
COMPANY OWNED			.00		.00	
PRODUCER CONTRACTS		1,115	100.00	11,663	100.00	
SUB-TOTAL		1,115	100.00	11,663	100.00	
DOMESTIC PIPELINE PURCHASE						
SUB-TOTAL			.00		.00	
TOTAL COMPANY GAS SUPPLY		1,115	100.00	11,663	100.00	

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	PRODUCED AND/OR PURCHASED VOLUME 1976	PERCENT COMPANY TOTAL	REMAINING GAS VOLUME 1976	SUPPLY PERCENT COMPANY TOTAL
B. MINOR GAS SUPPLY COMPANIES					
REGIS GAS SYSTEMS INC					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	571	100.00	279	100.00
	SUB-TOTAL	571	100.00	279	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	571	100.00	279	100.00
TEXAS GAS PIPE LINE CORP					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	2,751	100.00	17,332	100.00
	SUB-TOTAL	2,751	100.00	17,332	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	2,751	100.00	17,332	100.00
UNION GAS SYSTEM INC					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	652	3.48	3,260	3.48
	SUB-TOTAL	652	3.48	3,260	3.48
	DOMESTIC PIPELINE PURCHASE				
	CITIES SERVICE GAS CO	17,822	95.25	89,110	95.25
	OKLAHOMA NATURAL GAS CO	235	1.27	1,175	1.27
	SUB-TOTAL	18,057	96.52	90,285	96.52
	TOTAL COMPANY GAS SUPPLY	18,709	100.00	93,545	100.00
VALLEY GAS TRANS INC					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	4,706	100.00	19,400	100.00
	SUB-TOTAL	4,706	100.00	19,400	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	4,706	100.00	19,400	100.00
WESTERN GAS INTERSTATE CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	4,161	56.17	32,209	64.62
	SUB-TOTAL	4,161	56.17	32,209	64.62
	DOMESTIC PIPELINE PURCHASE				
	CITIES SERVICE GAS CO	82	1.10	82	.16
	COLO INTERSTATE GAS CO	2,711	36.60	15,745	31.59
	* DIAMOND SHAPIROCK CORP	227	3.06	1,577	3.16
	EL PASO NATURAL GAS CO	226	3.07	226	.47
	SUB-TOTAL	3,246	43.83	17,630	35.38
	TOTAL COMPANY GAS SUPPLY	7,407	100.00	49,839	100.00
WESTERN TRANSMISSION CORP					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	1,722	100.00	11,167	100.00
	SUB-TOTAL	1,722	100.00	11,167	100.00
	DOMESTIC PIPELINE PURCHASE				
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	1,722	100.00	11,167	100.00

* NON-JURISDICTIONAL COMPANIES NOT REQUIRED TO FILE FORM 15 REPORT

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED- VOLUME 1976	PERCENT COMPANY TOTAL	---REMAINING GAS SUPPLY--- VOLUME 1976	PERCENT COMPANY TOTAL
B. MINOR GAS SUPPLY COMPANIES					
WHEELER GAS CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	141	95.27	500	62.73
	SUB-TOTAL	141	95.27	500	62.73
DOMESTIC PIPELINE PURCHASE					
	NATURAL GAS P L CO OF AMER	7	4.73	297	37.27
	SUB-TOTAL	7	4.73	297	37.27
	TOTAL COMPANY GAS SUPPLY	148	100.00	797	100.00
ZENITH NATURAL GAS CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS	861	100.00	8,852	100.00
	SUB-TOTAL	861	100.00	8,852	100.00
DOMESTIC PIPELINE PURCHASE					
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY	861	100.00	8,852	100.00

TABLE: 27 INTERSTATE PIPELINE COMPANIES FILING FORM 15 REPORTS
WHO PURCHASE THEIR TOTAL GAS SUPPLY FROM OTHER PIPELINE COMPANIES
TOTAL GAS SUPPLY COMPOSITION

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

		-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
COMPANY NAME	GAS SUPPLY SOURCE	VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
ALABAMA TENNESSEE NAT GAS					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
TENNESSEE G PL DIV TENNECO		28,488	100.00	506,353	100.00
SUB-TOTAL		28,488	100.00	506,353	100.00
TOTAL COMPANY GAS SUPPLY		28,488	100.00	506,353	100.00
ALGONQUIN GAS TRANS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
TEXAS EASTERN TRANS CORP		119,466	86.34	1,864,112	94.08
SNG PURCHASES					
ALGONQUIN SNG, INC		18,890	13.66	117,262	5.92
SUB-TOTAL		138,356	100.00	1,981,374	100.00
TOTAL COMPANY GAS SUPPLY		138,356	100.00	1,981,374	100.00
ARKANSAS MISSOURI POWER CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
MISS RIVER TRANS CORP		218	3.93	9,593	10.85
TEXAS EASTERN TRANS CORP		3,336	60.16	46,288	52.35
TEXAS GAS TRANSMISSION COR		1,991	35.91	32,523	36.80
SUB-TOTAL		5,545	100.00	88,404	100.00
TOTAL COMPANY GAS SUPPLY		5,545	100.00	88,404	100.00
BLUEFIELD GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
COLUMBIA GAS TRANS CORP		1,414	100.00	23,285	100.00
SUB-TOTAL		1,414	100.00	23,285	100.00
TOTAL COMPANY GAS SUPPLY		1,414	100.00	23,285	100.00
COMMERCIAL PIPELINE CO INC					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
CITIES SERVICE GAS CO		520	100.00	2,080	100.00
SUB-TOTAL		520	100.00	2,080	100.00
TOTAL COMPANY GAS SUPPLY		520	100.00	2,080	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED- VOLUME 1976	PERCENT COMPANY TOTAL	---REMAINING GAS SUPPLY--- VOLUME 1976	PERCENT COMPANY TOTAL
EAST TENNESSEE NATURAL GAS					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
TENNESSEE G PL DIV TENNECO		61,650	100.00	1,440,000	100.00
SUB-TOTAL		61,650	100.00	1,440,000	100.00
TOTAL COMPANY GAS SUPPLY		61,650	100.00	1,440,000	100.00
EASTERN SHORE NAT GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
TRANSCONTINENTAL G P L COR		4,815	100.00	127,248	100.00
SUB-TOTAL		4,815	100.00	127,248	100.00
TOTAL COMPANY GAS SUPPLY		4,815	100.00	127,248	100.00
EMMITSBURG GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
COLUMBIA GAS TRANS CORP		343	100.00	8,125	100.00
SUB-TOTAL		343	100.00	8,125	100.00
TOTAL COMPANY GAS SUPPLY		343	100.00	8,125	100.00
GRANITE STATE GAS TRAN INC					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
TENNESSEE G PL DIV TENNECO		4,043	100.00	58,450	100.00
SUB-TOTAL		4,043	100.00	58,450	100.00
TOTAL COMPANY GAS SUPPLY		4,043	100.00	58,450	100.00
GREAT LAKES GAS TRANS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
IMPORTS					
TRANS-CANADA PIPELINE, LTD		109,539	100.00	1,721,304	100.00
SUB-TOTAL		109,539	100.00	1,721,304	100.00
TOTAL COMPANY GAS SUPPLY		109,539	100.00	1,721,304	100.00
GREAT PLAINS NAT GAS CO					
GAS RESERVES					
COMPANY OWNED			.00		.00
PRODUCER CONTRACTS			.00		.00
SUB-TOTAL			.00		.00
DOMESTIC PIPELINE PURCHASE					
MIDWESTERN GAS TRANS CO		1,301	35.39	15,655	39.46
NORTHERN NATURAL GAS CO		2,375	64.61	24,016	60.54
SUB-TOTAL		3,676	100.00	39,671	100.00
TOTAL COMPANY GAS SUPPLY		3,676	100.00	39,671	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
		VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
INDIANA UTILITIES CORP					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		100.00
	SUB-TOTAL		.00		100.00
	DOMESTIC PIPELINE PURCHASE				
	TEXAS GAS TRANSMISSION COR	307	100.00	1/	.00
	SUB-TOTAL	307	100.00		.00
	TOTAL COMPANY GAS SUPPLY	307	100.00		100.00
INTER CITY MINN PL LTD INC					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	IMPORTS				
	ICG TRANSMISSION, LTD	7,704	100.00	155,037	100.00
	SUB-TOTAL	7,704	100.00	155,037	100.00
	TOTAL COMPANY GAS SUPPLY	7,704	100.00	155,037	100.00
INTERSTATE POWER CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	NATURAL GAS P L CO OF AMER	13,779	56.01	177,448	63.69
	NORTHERN NATURAL GAS CO	10,921	43.99	101,156	36.31
	SUB-TOTAL	24,600	100.00	278,604	100.00
	TOTAL COMPANY GAS SUPPLY	24,600	100.00	278,604	100.00
IOWA ILLINOIS GAS AND ELEC					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		100.00
	SUB-TOTAL		.00		100.00
	DOMESTIC PIPELINE PURCHASE				
	NATURAL GAS P L CO OF AMER	73,349	92.04	2/	.00
	NORTHERN NATURAL GAS CO	6,339	7.96	2/	.00
	SUB-TOTAL	79,688	100.00		.00
	TOTAL COMPANY GAS SUPPLY	79,688	100.00		100.00
IOWA PUBLIC SERVICE CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		100.00		100.00
	SUB-TOTAL		100.00		100.00
	DOMESTIC PIPELINE PURCHASE				
	NORTHERN NATURAL GAS CO	2/	.00	2/	.00
	SUB-TOTAL		.00		.00
	TOTAL COMPANY GAS SUPPLY		100.00		100.00
LAWRENCEBURG GAS TRAN CORP					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	TEXAS GAS TRANSMISSION COR	3,879	100.00	69,223	100.00
	SUB-TOTAL	3,879	100.00	69,223	100.00
	TOTAL COMPANY GAS SUPPLY	3,879	100.00	69,223	100.00

1/ LIMITED DEMAND MAXIMUM OF 3,162 THOUSAND CUBIC FEET PER DAY.
2/ NOT REPORTED

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR VOLUME 1976	PURCHASED- PERCENT COMPANY TOTAL	---REMAINING GAS VOLUME 1976	SUPPLY--- PERCENT COMPANY TOTAL
MICHIGAN GAS STORAGE CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
DOMESTIC PIPELINE PURCHASE					
	PANHANDLE EASTERN P L CO	70,910	100.00	204,911	100.00
	SUB-TOTAL	70,910	100.00	204,911	100.00
TOTAL COMPANY GAS SUPPLY					
		70,910	100.00	204,911	100.00
MIDWESTERN GAS TRANS CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
DOMESTIC PIPELINE PURCHASE					
	TENNESSEE G PL DIV TENNECO	178,908	59.99	2,596,571	65.40
IMPORTS					
	TRANS-CANADA PIPELINE, LTD	119,315	40.01	1,373,297	34.60
	SUB-TOTAL	298,223	100.00	3,969,868	100.00
TOTAL COMPANY GAS SUPPLY					
		298,223	100.00	3,969,868	100.00
NORTH PENN GAS CO					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
DOMESTIC PIPELINE PURCHASE					
	CONSOLIDATED G SUPPLY CORP	4,662	17.06	4,745	2.06
	TENNESSEE G PL DIV TENNECO	19,359	69.75	170,854	74.41
	TRANSCONTINENTAL G P L COR	3,602	13.19	54,002	23.53
	SUB-TOTAL	27,323	100.00	229,601	100.00
TOTAL COMPANY GAS SUPPLY					
		27,323	100.00	229,601	100.00
OHIO RIVER PIPELINE CORP					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
DOMESTIC PIPELINE PURCHASE					
	TEXAS GAS TRANSMISSION COR	7,795	100.00	252,936	100.00
	SUB-TOTAL	7,795	100.00	252,936	100.00
TOTAL COMPANY GAS SUPPLY					
		7,795	100.00	252,936	100.00
ORANGE & ROCKLAND UTIL INC					
GAS RESERVES					
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
DOMESTIC PIPELINE PURCHASE					
	ALGONQUIN GAS TRANS CO	1,216	4.64	1,465	.32
	COLUMBIA GAS TRANS CORP	8,494	32.45	177,087	39.67
	TENNESSEE G PL DIV TENNECO	14,500	55.39	237,106	53.12
	TEXAS EASTERN TRANS CORP	1,033	3.94	22,500	5.04
SNG PURCHASES					
	ALGONQUIN SNG, INC	464	1.77	2,988	.66
	COLUMBIA LNG CORP	468	1.81	5,149	1.19
	SUB-TOTAL	26,175	100.00	446,295	100.00
TOTAL COMPANY GAS SUPPLY					
		26,175	100.00	446,295	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
		VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
PACIFIC GAS TRANSMISSION C					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	IMPORTS				
	ALBERTA & SOUTHERN GAS CO	392,463	100.00	4,303,910	100.00
	SUB-TOTAL	392,463	100.00	4,303,910	100.00
	TOTAL COMPANY GAS SUPPLY	392,463	100.00	4,303,910	100.00
PENNSYLVANIA-SOUTHERN G CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	EASTERN SHORE NAT GAS CO	261	6.42	7,018	6.18
	TENNESSEE G PL DIV TENNECO	2,061	50.72	53,858	47.49
	TRANSCONTINENTAL G P L COR	1,741	42.86	52,510	46.33
	SUB-TOTAL	4,063	100.00	113,386	100.00
	TOTAL COMPANY GAS SUPPLY	4,063	100.00	113,386	100.00
RATON NATURAL GAS COMPANY					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	COLD INTERSTATE GAS CO	1,600	100.00	17,000	100.00
	SUB-TOTAL	1,600	100.00	17,000	100.00
	TOTAL COMPANY GAS SUPPLY	1,600	100.00	17,000	100.00
SOUTH GEORGIA NAT GAS CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	SOUTHERN UNION GATHERING C	23,418	100.00	241,164	100.00
	SUB-TOTAL	23,418	100.00	241,164	100.00
	TOTAL COMPANY GAS SUPPLY	23,418	100.00	241,164	100.00
SOUTHWEST GAS CORP					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	NORTHWEST PIPELINE CORP	31,068	100.00	413,583	100.00
	SUB-TOTAL	31,068	100.00	413,583	100.00
	TOTAL COMPANY GAS SUPPLY	31,068	100.00	413,583	100.00
TENNESSEE NAT G LINES INC					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	TENNESSEE G PL DIV TENNECO	28,700	100.00	612,243	100.00
	SUB-TOTAL	28,700	100.00	612,243	100.00
	TOTAL COMPANY GAS SUPPLY	28,700	100.00	612,243	100.00

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA 60 DEGREES F.)

COMPANY NAME	GAS SUPPLY SOURCE	-PRODUCED AND/OR PURCHASED-		---REMAINING GAS SUPPLY---	
		VOLUME 1976	PERCENT COMPANY TOTAL	VOLUME 1976	PERCENT COMPANY TOTAL
UNION LT HEAT AND POWER CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	COLUMBIA GAS TRANS CORP	15,385	95.63	274,115	97.29
	IMPORTS				
	COLUMBIA LNG CORP	702	4.37	7,633	2.71
	SUB-TOTAL	16,087	100.00	281,748	100.00
	TOTAL COMPANY GAS SUPPLY	16,087	100.00	281,748	100.00
WASHINGTON GAS LIGHT CO					
	GAS RESERVES				
	COMPANY OWNED		.00		.00
	PRODUCER CONTRACTS		.00		.00
	SUB-TOTAL		.00		.00
	DOMESTIC PIPELINE PURCHASE				
	COLUMBIA GAS TRANS CORP	103,933	87.60	2,091,429	90.81
	TRANSCONTINENTAL G P L COR	14,575	12.40	211,487	9.19
	SUB-TOTAL	117,608	100.00	2,302,916	100.00
	TOTAL COMPANY GAS SUPPLY	117,608	100.00	2,302,916	100.00

PART VII

DELIVERABILITY

DELIVERABILITY

The interstate pipeline companies include a deliverability forecast in their Form 15 reports which is a 20-year projection of the total annual volumes of gas expected to be deliverable from their year-end gas supplies. In addition, a 5-year projection of the annual volumes expected to be deliverable from each certificated source of supply is included. These deliverability forecasts are the reporting company's best estimate by year of its ability to deliver present total annual gas requirements from present total gas supply. Future load growth and future increases in gas supply are excluded. The market requirements are only those that have been authorized by the end of the report year. Both firm and interruptible authorized gas requirements, however, are included.

The following charts and tables show the declining trends in the composite deliverability projections of annual gas volumes estimated to be deliverable from corresponding year-end gas reserves. Chart 13 is a comparison of the 1963 composite 20-year deliverability forecast of the individual pipeline companies with the composite for the year 1976.

A comparison of the 5-year volumes that had been projected to be deliverable from the respective year-end reserves over the past 5 years, 1972 to 1976 (Table 28) shows a peak aggregate projection of 59.6 trillion cubic feet as of the year-end 1972, declining by 30 percent to a projection of 41.9 trillion cubic feet as of year-end 1976 for the 5-year period 1977 through 1981. The overall progressive decline in deliverability is also demonstrated in Chart 14.

Table 29 shows the 5-year deliverability projections by the FERC Gas Supply Areas and percent depletion at the end of the 5th year.

The continuing decline in annual deliverability projections reflects the decline in the volume of domestic gas reserves dedicated to the interstate pipeline companies. During the past 5-years these reserves have declined by 39 percent from 161.3 to 98.3 trillion cubic feet. The accumulated deliveries for the period 1972 through 1976 was 64 trillion cubic feet while net additions (including revisions) during this period were only 1.2 trillion cubic feet.

CHART - 13 PRODUCTION AND COMPOSITE FORECAST OF ANNUAL DELIVERIES 1963 THROUGH 1996

Source: Form 15 Reports of Interstate Natural Gas Pipeline Companies
(All Volumes in Billions of Cubic Feet at 14.73 Psia @ 60°F)

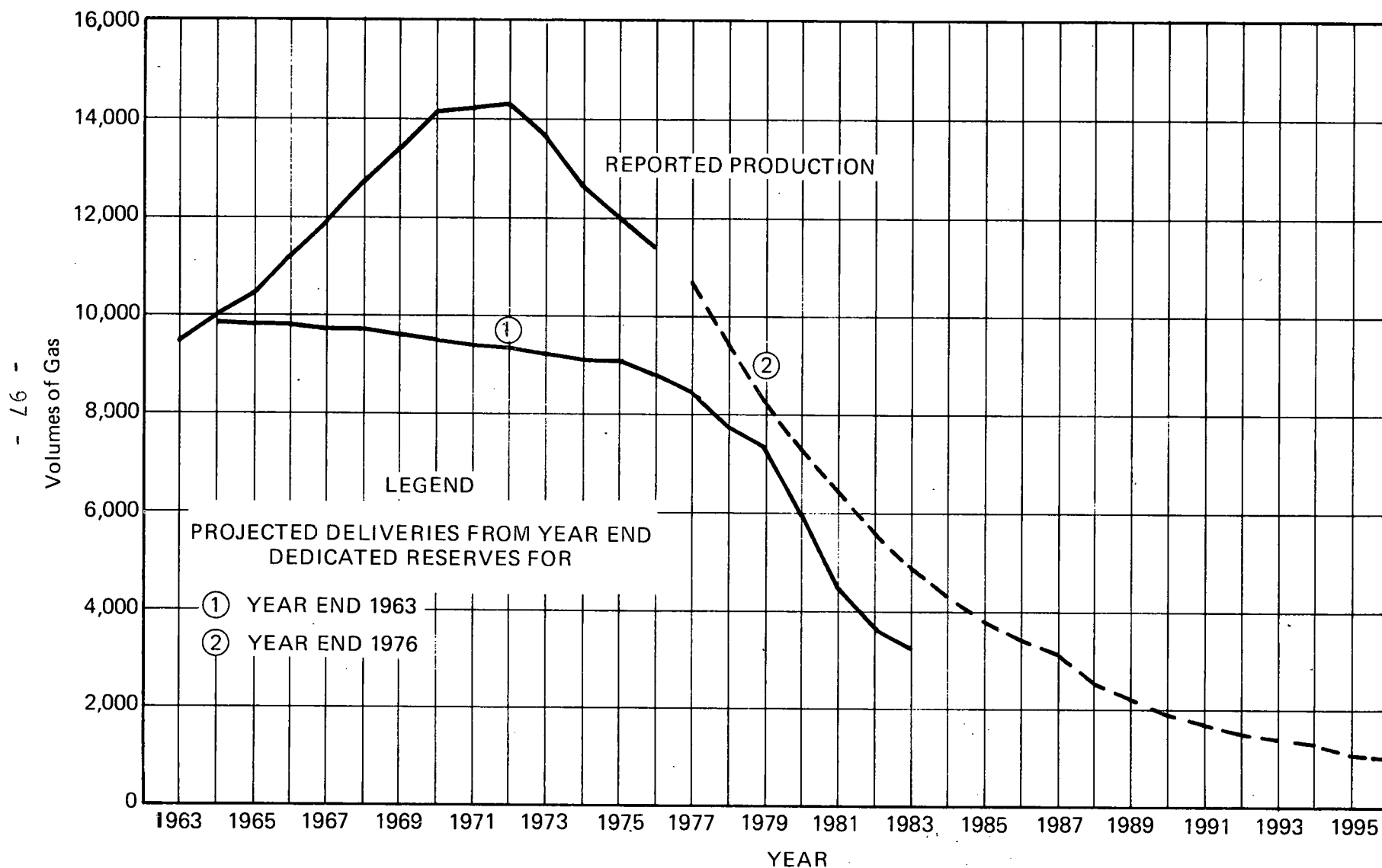


CHART 14 - SUPERIMPOSED TWENTY-YEAR ANNUAL DELIVERABILITY PROJECTIONS
FROM YEAR-END RESERVES 1963, AND 1976

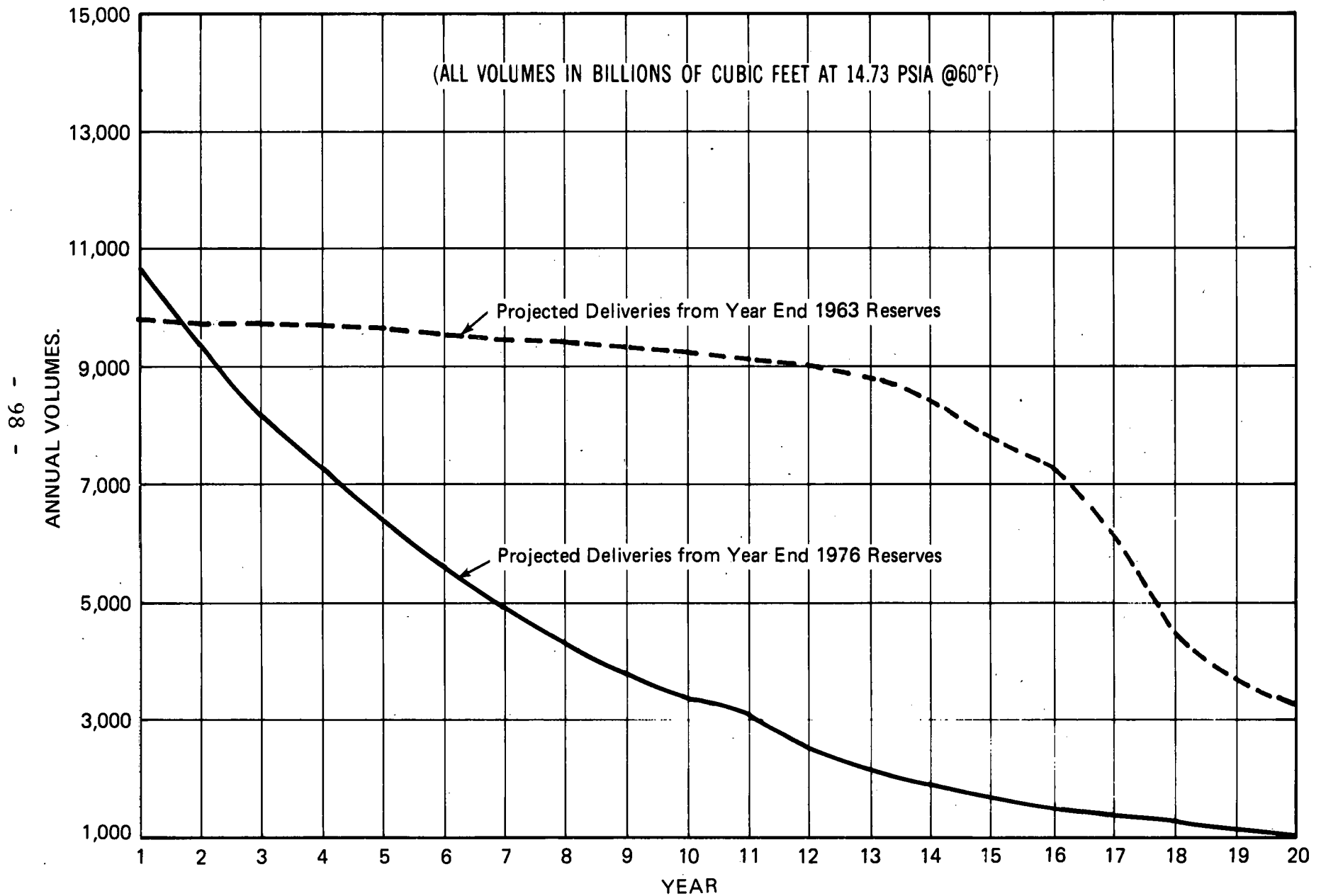


Table 28 - COMPARISONS OF COMPOSITE 5-YEAR DELIVERABILITY PROJECTIONS
From Year End Dedicated Domestic Gas Reserves
(Billion Cubic Feet at 14.73 Psia @ 60°F.)

Date of Estimate	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>
Year End Reserves	146,906	134,317	120,543	106,816	98,282

<u>Year</u>	<u>Annual Volumes Scheduled</u>				
1972	*14,207				
1973	13,633	*13,680			
1974	12,907	13,062	*12,965		
1975	12,007	12,346	11,885	*11,992	
1976	10,984	10,980	10,844	11,006	*11,389
1977	10,029	9,993	9,807	9,839	10,652
1978		9,002	8,753	8,750	9,363
1979			7,803	7,730	8,209
1980				6,848	7,259
1981					6,412
Five Year Total	59,560	55,383	49,092	44,173	41,895
Percent of Year End Reserves	40.5	41.2	40.7	41.4	42.6

* Actual volumes purchased and/or produced.

Table 29 5-YEAR COMPOSITE DELIVERABILITY PROJECTIONS BY FERC GAS AREAS
INTERSTATE PIPELINE COMPANIES FILING FORM 15 REPORTS
1977 - 1981
(All Volumes in Billion Cubic Feet at 14.73 Psia @ 60°F.)

FERC Gas Area	Year-End Gas Reserves 12-31-76	Production 1976	Annual Deliverability Projections					Total Volumes 1977-1981	Remaining Reserves @ 12-31-81	Percent Depletion @ 12-31-81
			1977	1978	1979	1980	1981			
<u>Appalachian-Illinois Basin</u>	2,590.8	263.5	258.9	234.4	219.3	206.6	152.5	1,111.7	1,479.1	42.9
<u>Other Southwest</u>	6,196.1	635.9	559.6	478.6	410.5	354.4	313.0	2,116.1	4,080.0	34.2
<u>Southern Louisiana</u>										
Onshore	10,426.8	1,521.3	1,188.7	1,005.1	872.5	769.3	678.6	4,514.2	5,912.6	43.3
Warranty	2,811.4	139.4	233.1	262.5	262.5	263.1	262.5	1,283.7	1,527.7	45.7
Sub-total	13,238.2	1,660.7	1,421.8	1,267.6	1,135.0	1,032.4	942.1	5,797.9	7,440.3	43.8
State Offshore	3,466.9	449.1	414.1	386.4	352.5	318.3	272.3	1,744.1	1,722.8	50.3
Federal Offshore	18,239.4	2,996.1	3,036.9	2,547.4	2,148.1	1,845.8	1,570.4	11,148.6	7,090.8	61.1
Sub-total	21,706.3	3,445.2	3,451.0	2,933.8	2,500.6	2,164.1	1,843.2	12,892.7	8,813.6	59.4
Total Southern Louisiana	34,944.5	5,105.9	4,872.8	4,201.4	3,635.6	3,196.5	2,785.3	18,690.6	16,253.9	53.5
<u>Texas Gulf Coast</u>										
Onshore and State Offshore	4,332.8	681.2	589.8	493.7	411.0	340.5	287.9	2,122.9	2,209.9	49.0
Federal Offshore	193.7	47.2	46.3	40.8	31.8	21.4	15.7	156.0	37.7	80.5
Total Texas Gulf Coast	4,526.5	728.4	636.1	534.5	442.8	361.9	303.6	2,278.9	2,247.6	50.3
<u>Permian Basin</u>	9,708.5	1,469.3	1,249.4	1,058.7	895.4	743.5	632.9	4,579.9	5,128.6	47.2
<u>Hugoton-Anadarko</u>	22,392.0	2,237.0	2,175.2	1,995.5	1,791.4	1,642.0	1,452.8	9,057.8	13,334.2	40.5
<u>Rocky Mountain</u>	17,543.0	900.2	868.6	828.2	782.8	721.5	701.4	3,902.5	13,640.3	22.2
<u>Other</u>	380.7	48.4	31.8	31.8	31.1	31.0	30.1	155.8	224.9	40.9
Total All Areas	98,282.1	11,388.6	10,652.4	9,363.1	8,208.9	7,259.2	6,411.6	41,895.2	56,386.9	42.6

TABLE: 30

1976 DELIVERABILITY SUMMARIES-ESTIMATED ANNUAL VOLUMES
(ALL VOLUMES IN THOUSANDS OF MCF AT 14.72 PSIA AT 60 DEGREES F)

YEAR	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	YEAR
ARKANSAS LOUISIANA GAS CO					CARNEGIE NATURAL GAS CO				
1977	282,978	21,395	304,373	559,200	5,125	21,593	26,718	27,185	1977
1978	249,556	21,395	270,951	550,700	4,965	21,593	26,558	27,470	1978
1979	219,834	21,395	241,229	550,800	4,715	21,593	26,308	27,465	1979
1980	197,059	21,395	218,454	550,900	4,470	20,845	25,315	27,455	1980
1981	180,196	21,395	201,591	551,100	4,220	16,755	20,975	27,450	1981
1982	167,889	21,395	189,284	551,300	3,975	16,755	20,730	27,445	1982
1983	156,609	21,395	178,004	551,300	3,730	16,755	20,485	27,445	1983
1984	144,943	21,395	166,338	551,300	3,475	16,800	20,275	27,435	1984
1985	134,647	21,395	156,042	551,300	3,225	13,957	17,182	27,425	1985
1986	123,303	21,395	144,698	551,300	2,970		2,970	27,415	1986
1987	112,879	21,395	134,274	551,300	2,720		2,720	27,405	1987
1988	103,890	21,395	125,285	551,300	2,470		2,470	27,400	1988
1989	96,465	21,395	117,860	551,300	2,225		2,225	27,395	1989
1990	89,853	21,395	111,248	551,300	1,960		1,960	27,375	1990
1991	84,281	21,395	105,676	551,300	1,705		1,705	27,365	1991
1992	79,337	21,395	100,732	551,300	1,465		1,465	27,365	1992
1993	75,173	21,395	96,568	551,300	1,225		1,225	27,365	1993
1994	71,382	21,395	92,777	551,300	985		985	27,365	1994
1995	67,939	21,395	89,334	551,300	845		845	27,365	1995
1996	64,760	21,395	86,155	551,300	720		720	27,365	1996
2,702,973					57,190				
427,900					166,646				
3,130,873					223,836				
11,032,200					547,955				
CIMARRON TRANSMISSION CO					CITIES SERVICE GAS CO				
1977	7,551	219	7,770	7,770	349,217	88,694	437,911	619,411	1977
1978	7,774	219	7,993	7,993	337,712	85,389	423,101	619,411	1978
1979	8,254	219	8,473	8,473	323,527	76,686	400,213	619,411	1979
1980	6,422	219	6,641	6,641	306,530	68,681	375,211	619,411	1980
1981	4,479	219	4,698	4,698	294,787	62,544	357,331	619,411	1981
1982	3,215		3,215	3,215	266,560	57,057	323,617	619,411	1982
1983	2,114		2,114	2,114	244,523	52,340	296,863	619,411	1983
1984	676		676	676	224,782	47,531	272,313	619,411	1984
1985	607		607	607	201,746	43,318	245,064	619,411	1985
1986	418		418	418	182,220	30,317	212,537	619,411	1986
1987	300		300	300	165,584	28,550	194,134	619,411	1987
1988	273		273	273	151,122	27,017	178,139	619,411	1988
1989	210		210	210	139,387	11,982	151,369	619,411	1989
1990	183		183	183	126,971	9,189	136,160	619,411	1990
1991	104		104	104	124,081	8,325	132,406	619,411	1991
1992	74		74	74	98,001		98,001	619,411	1992
1993	70		70	70	91,762		91,762	619,411	1993
1994	65		65	65	86,102		86,102	619,411	1994
1995	61		61	61	80,713		80,713	619,411	1995
1996	57		57	57	75,879		75,879	619,411	1996
42,907					3,871,206				
1,095					697,620				
43,982					4,568,826				
43,982					12,388,220				
COLORADO INTERSTATE GAS CO					COLUMBIA GAS TRANS CORP				
1977	382,729	52,039	434,768	436,885	527,359	618,314	1,145,673	1,472,663	1977
1978	354,674	51,276	405,950	437,447	428,166	670,357	1,098,523	1,472,663	1978
1979	318,150	50,793	368,943	436,886	349,008	728,314	1,077,322	1,472,663	1979
1980	285,382	50,352	335,734	436,722	327,022	721,794	1,048,816	1,472,663	1980
1981	252,002	50,181	302,183	435,986	288,031	720,130	1,008,161	1,472,663	1981
1982	221,120	50,045	271,165	435,986	255,203	718,448	973,651	1,472,663	1982
1983	197,290	49,934	247,224	435,986	228,642	707,381	936,023	1,472,663	1983
1984	168,418	49,847	218,265	435,986	206,854	709,010	915,864	1,472,663	1984
1985	149,900	49,777	199,677	435,986	173,114	707,381	880,495	1,472,663	1985
1986	135,246	28,288	163,534	435,986	156,315	645,299	801,614	1,472,663	1986
1987	117,427	179	117,606	435,986	140,922	335,062	475,984	1,472,663	1987
1988	104,797	143	104,940	435,986	130,245	315,316	445,561	1,472,663	1988
1989	61,647	114	61,761	435,986	108,681	199,296	307,977	1,472,663	1989
1990	54,507	92	54,599	435,986	94,439	110,923	205,362	1,472,663	1990
1991	46,640	74	46,714	435,986	74,216	110,923	185,139	1,472,663	1991
1992	41,318	59	41,377	435,986	65,042	110,923	175,965	1,472,663	1992
1993	36,981	47	37,028	435,986	56,775	110,923	167,698	1,472,663	1993
1994	34,023	38	34,061	435,986	49,836	110,923	160,759	1,472,663	1994
1995	30,865	30	30,895	435,986	43,449	110,923	154,372	1,472,663	1995
1996	28,503	24	28,527	435,986	36,250	110,923	147,173	1,472,663	1996
3,021,619					3,739,569				
483,332					8,572,563				
3,504,951					12,312,132				
8,723,716					29,453,260				

YEAR	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	YE
COLUMBIA GULF TRANS CO					CONSOLIDATED G SUPPLY CORP				
1977	8,680	400,442	409,122	743,529	115,773	518,460	634,233	717,920	1977
1978	7,419	317,362	324,781	743,529	101,558	531,873	633,431	717,920	1978
1979	6,275	245,250	251,525	743,529	86,418	592,950	679,368	717,920	1979
1980	5,432	230,355	235,787	742,558	77,269	571,069	648,338	717,920	1980
1981	4,709	200,270	204,979	743,529	67,215	539,479	606,694	717,920	1981
1982	4,079	174,643	178,722	743,529	50,753	530,092	580,845	717,920	1982
1983	3,422	155,509	158,931	743,529	46,771	519,128	565,899	717,920	1983
1984	2,911	140,343	143,254	742,558	43,836	513,664	557,500	717,920	1984
1985	2,545	127,116	129,661	743,529	40,240	505,520	545,760	717,920	1985
1986	2,217	115,201	117,418	743,529	38,285	498,484	536,769	717,920	1986
1987	1,866	104,350	106,216	743,529	35,750	481,461	517,211	717,920	1987
1988	1,628	96,886	98,514	742,558	33,600	417,568	451,168	717,920	1988
1989	1,421	84,155	85,576	743,529	31,750	411,492	443,242	717,920	1989
1990	1,240	78,283	79,523	743,529	29,970	405,745	435,715	717,920	1990
1991	1,082	71,037	72,119	743,529	28,220	399,070	427,290	717,920	1991
1992	944	63,291	64,235	742,558	26,900	388,792	415,692	717,920	1992
1993	824	55,770	56,594	743,529	25,420	381,765	407,185	717,920	1993
1994	152	48,977	49,129	743,529	24,070	375,337	399,407	717,920	1994
1995		42,695	42,695	743,529	22,630	370,767	393,397	717,920	1995
1996		35,544	35,544	742,558	21,620	367,276	388,896	717,920	1996
	56,846	2,787,479	2,844,325	14,823,725	948,048	9,319,992	10,268,040	14,358,400	
EL PASO NATURAL GAS CO					EQUITABLE GAS CO				
1977	1,018,058	103,076	1,121,134	1,631,126	14,894	87,280	102,174	97,600	1977
1978	905,273	78,731	984,004	1,663,050	14,406	67,307	81,713	96,200	1978
1979	827,382	54,203	881,585	1,663,050	13,955	67,307	81,262	96,200	1979
1980	752,849	27,083	779,932	1,667,606	13,459	67,490	80,949	96,700	1980
1981	691,237	14,929	706,166	1,663,050	13,002	67,217	80,219	96,200	1981
1982	632,216	13,834	646,050	1,663,050	12,556	67,217	79,773	96,200	1982
1983	577,248	13,359	590,607	1,663,050	12,135	66,469	78,604	96,200	1983
1984	528,045	13,031	541,076	1,667,606	11,751	60,171	71,922	96,700	1984
1985	485,924	12,958	498,882	1,663,050	11,393	27,690	39,083	96,200	1985
1986	445,628	12,958	458,586	1,663,050	11,040	27,690	38,730	96,200	1986
1987	407,705	12,666	420,371	1,663,050	10,701	27,690	38,391	96,200	1987
1988	373,687	12,191	385,878	1,667,606	10,352	23,138	33,490	96,700	1988
1989	341,567	11,644	353,211	1,663,050	10,016		10,016	96,200	1989
1990	314,703	11,169	325,872	1,663,050	9,701		9,701	96,200	1990
1991	292,000	10,731	302,731	1,663,050	9,445		9,445	96,200	1991
1992	271,049	10,330	281,379	1,667,606	9,155		9,155	96,700	1992
1993	252,726	10,001	262,727	1,663,050	8,892		8,892	96,200	1993
1994	236,374	9,527	245,901	1,663,050	8,609		8,609	96,200	1994
1995	221,738	9,125	230,863	1,663,050	8,317		8,317	96,200	1995
1996	206,919	8,833	215,752	1,667,606	8,121		8,121	96,700	1996
	9,782,328	450,379	10,232,707	33,251,856	221,900	656,666	878,566	1,927,900	
FLORIDA GAS TRANS CO					KANSAS-NEBRASKA NAT GAS CO				
1977	88,803	16,615	105,418	147,490	116,709	15,491	132,200	132,200	1977
1978	92,707	18,250	110,957	147,490	114,623	15,077	129,700	129,700	1978
1979	92,522	18,250	110,772	147,490	112,494	14,206	126,700	126,700	1979
1980	82,950	18,300	101,250	147,490	113,647	9,316	122,963	125,700	1980
1981	74,066	18,250	92,316	147,490	97,464	9,015	106,479	124,500	1981
1982	66,172	18,250	84,422	147,490	85,509	8,065	93,574	123,000	1982
1983	62,202	18,250	80,452	147,490	76,324	8,041	84,365	123,000	1983
1984	57,721	18,300	76,021	147,490	67,745	8,015	75,760	123,000	1984
1985	53,923	18,250	72,173	147,490	63,976	8,015	71,991	123,000	1985
1986	50,338	18,250	68,588	147,490	60,938	6,100	67,038	123,000	1986
1987	32,494	18,250	50,744	147,490	58,448	350	58,798	123,000	1987
1988	16,895	18,300	35,195	147,490	54,391	350	54,741	123,000	1988
1989	15,223	15,200	30,423	147,490	50,804	350	51,154	123,000	1989
1990	14,975		14,975	147,490	47,501	350	47,851	123,000	1990
1991	14,070		14,070	147,490	44,617	350	44,967	123,000	1991
1992	12,917		12,917	147,490	43,290	350	43,640	123,000	1992
1993	11,171		11,171	147,490	40,714	350	41,064	123,000	1993
1994	10,236		10,236	147,490	38,337	350	38,687	123,000	1994
1995	6,677		6,677	147,490	36,175	350	36,525	123,000	1995
1996	5,441		5,441	147,490	34,088	350	34,438	123,000	1996
	861,503	232,715	1,094,218	2,949,800	1,357,794	104,841	1,462,635	2,483,800	

1/ Volumes to be Transported for Columbia Gas Transmission Corporation.

YEAR	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	YEAR
KENTUCKY WEST VA GAS CO				LONE STAR GAS CO					
1977	29,387		29,387	29,387	26,545		26,545	34,589	1977
1978	29,387		29,387	29,387	21,799		21,799	35,448	1978
1979	29,387		29,387	29,387	19,294		19,294	36,263	1979
1980	29,387		29,387	29,387	17,143		17,143	36,629	1980
1981	29,387		29,387	29,387	15,224		15,224	36,334	1981
1982	29,387		29,387	29,387	13,496		13,496	36,617	1982
1983	8,859		8,859	8,859	11,671		11,671	36,780	1983
1984					9,637		9,637	36,937	1984
1985					8,075		8,075	36,401	1985
1986					6,915		6,915	36,543	1986
1987					6,144		6,144	36,681	1987
1988					5,394		5,394	36,822	1988
1989					4,047		4,047	36,959	1989
1990					3,023		3,023	37,093	1990
1991					2,639		2,639	37,222	1991
1992					2,489		2,489	37,355	1992
1993					2,321		2,321	37,484	1993
1994					9,008		9,008	37,612	1994
1995					8,398		8,398	37,738	1995
1996					7,844		7,844	37,860	1996
	185,181		185,181	185,181	201,106		201,106	735,367	

LOUISIANA NEVADA TRANSIT C				MICHIGAN WIS PIPE LINE CO					
1977	4,589		4,589	5,798	624,987	158,138	783,125	783,125	1977
1978	4,440		4,440	5,798	583,964	156,326	740,290	783,125	1978
1979	4,376		4,376	5,798	502,193	154,606	656,799	783,125	1979
1980	4,292		4,292	5,798	444,573	152,975	597,548	783,125	1980
1981	8,978		8,978	5,798	381,137	151,422	532,559	783,125	1981
1982	9,086		9,086	5,798	325,502	149,947	475,449	783,125	1982
1983	8,366		8,366	5,798	278,006	148,721	426,727	783,125	1983
1984	8,130		8,130	5,798	239,581	147,845	387,426	783,125	1984
1985	7,468		7,468	5,798	204,692	147,013	351,705	783,125	1985
1986	6,534		6,534	5,798	175,995	146,223	322,218	783,125	1986
1987	5,760		5,760	5,798	151,976	146,161	298,137	783,125	1987
1988	5,043		5,043	5,798	132,897	146,161	279,058	783,125	1988
1989	2,410		2,410	5,798	116,323	146,161	262,484	783,125	1989
1990	1,671		1,671	5,798	100,981	146,161	247,142	783,125	1990
1991	1,432		1,432	5,798	89,227	146,161	235,388	783,125	1991
1992	1,229		1,229	5,798	77,766	146,161	224,127	783,125	1992
1993	1,038		1,038	5,798	69,126	146,161	215,287	783,125	1993
1994	895		895	5,798	61,224	146,161	207,385	783,125	1994
1995	764		764	5,798	53,704	146,161	199,865	783,125	1995
1996	656		656	5,798	45,579	146,161	191,740	783,125	1996
	87,157		87,157	115,960	4,659,633	2,974,826	7,634,459	15,662,500	

MID LOUISIANA GAS CO				MISS RIVER TRANS CORP					
1977	19,201	5,059	24,260	32,857	50,151	166,503	216,654	227,852	1977
1978	18,454	3,599	22,053	30,962	43,659	129,343	173,002	229,704	1978
1979	15,860	1,200	17,060	27,920	31,070	102,028	133,098	225,356	1979
1980	13,196		13,196	17,677	22,252	79,853	102,105	222,139	1980
1981	11,197		11,197	17,677	17,375	68,542	85,917	215,318	1981
1982	8,613		8,613	17,677	13,638	55,936	69,574	214,004	1982
1983	6,662		6,662	17,677	10,480	45,271	55,751	213,024	1983
1984	5,132		5,132	17,677	8,296	37,833	46,129	212,289	1984
1985	4,050		4,050	17,677	6,604	31,344	37,948	211,730	1985
1986	3,203		3,203	17,677	5,072	26,136	31,208	211,269	1986
1987	2,486		2,486	17,677	4,128	22,437	26,565	210,957	1987
1988	1,838		1,838	17,677	2,700	18,793	21,493	210,485	1988
1989	1,033		1,033	17,677	1,463	15,390	16,853	210,075	1989
1990	434		434	17,677	1,318	12,809	14,127	210,024	1990
1991	285		285	17,677	1,191	10,103	11,294	210,020	1991
1992	192		192	17,677	971	8,361	9,332	210,000	1992
1993	132		132	17,677	720	6,997	7,717	210,000	1993
1994	46		46	17,677	648	6,153	6,801	210,000	1994
1995	39		39	17,677	594	5,353	5,947	210,000	1995
1996	34		34	17,677	470	4,117	4,587	210,000	1996
	112,087	9,858	121,945	392,248	222,800	853,302	1,076,102	4,284,246	

YEAR	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	YEAR
MONTANA DAKOTA UTILITIES C					MOUNTAIN FUEL SUPPLY CO				
1977	49,058		49,058	59,678	92,742	31,835	124,577	124,800	1977
1978	47,555		47,555	55,014	82,542	31,750	114,292	123,900	1978
1979	44,109		44,109	55,422	72,630	31,705	104,335	123,000	1979
1980	44,280		44,280	54,662	64,559	31,068	95,627	122,100	1980
1981	42,357		42,357	56,085	52,532	30,551	83,083	121,300	1981
1982	38,030		38,030	57,551	46,822	30,046	76,868	120,400	1982
1983	34,320		34,320	59,060	42,470	29,555	72,025	119,500	1983
1984	31,526		31,526	60,613	36,605	28,881	65,486	118,600	1984
1985	29,155		29,155	62,213	32,264	28,102	60,366	117,800	1985
1986	26,033		26,033	62,213	29,700	23,569	53,269	113,400	1986
1987	23,663		23,663	62,213	35,314	3,624	38,938	109,000	1987
1988	21,612		21,612	62,213	27,851	3,291	31,142	105,600	1988
1989	20,111		20,111	62,213	27,313	3,070	30,383	102,900	1989
1990	18,730		18,730	62,213	23,356	2,407	25,763	102,900	1990
1991	17,139		17,139	62,213	20,543	1,937	22,480	102,900	1991
1992	15,612		15,612	62,213	19,097	1,707	20,804	102,900	1992
1993	14,260		14,260	62,213	17,024	1,193	18,217	102,900	1993
1994	12,825		12,825	62,213	17,424	1,059	18,483	102,900	1994
1995	12,144		12,144	62,213	16,863	1,013	17,876	102,900	1995
1996	11,343		11,343	62,213	15,796	934	16,730	102,900	1996
	553,862		553,862	1,204,641	773,447	317,297	1,090,744	2,242,600	

NATIONAL FUEL G SUPPLY COR					NATURAL GAS P L CO OF AMER				
1977	29,212	191,502	220,714	201,000	884,808	162,524	1,047,332	1,003,000	1977
1978	28,039	191,502	219,541	203,000	809,736	150,602	960,338	1,003,000	1978
1979	9,556	191,502	201,058	205,000	718,355	150,547	868,902	1,003,000	1979
1980	9,322	191,502	200,824	207,000	645,295	143,744	789,039	1,003,000	1980
1981	9,000	189,824	198,824	209,000	544,567	138,518	683,085	1,003,000	1981
1982	7,580	189,002	196,582	211,000	442,200	131,790	573,990	1,003,000	1982
1983	7,324	189,002	196,326	213,000	366,445	124,989	491,434	1,003,000	1983
1984	7,078	188,215	195,293	215,000	317,266	117,806	435,072	1,003,000	1984
1985	6,840	146,260	153,100	217,000	257,464	111,882	369,346	1,003,000	1985
1986	6,611	143,230	149,841	219,000	206,983	107,293	314,276	1,003,000	1986
1987	6,391	116,206	122,597	222,000	184,473	103,975	288,448	1,003,000	1987
1988	6,178	70,937	77,115	224,000	150,862	96,103	246,965	1,003,000	1988
1989	5,973	7,738	13,711	226,000	117,918	93,985	211,903	1,003,000	1989
1990	5,775	7,738	13,513	228,000	84,695	82,903	167,598	1,003,000	1990
1991	5,584	6,445	12,029	231,000	74,126	33,204	107,330	1,003,000	1991
1992	5,401		5,401	233,000	63,013	32,674	95,687	1,003,000	1992
1993	5,224		5,224	235,000	58,465	31,270	89,735	1,003,000	1993
1994	5,053		5,053	238,000	60,412	30,065	90,477	1,003,000	1994
1995	4,888		4,888	240,000	56,216	29,061	85,277	1,003,000	1995
1996	4,728		4,728	242,000	46,633	57	46,690	1,003,000	1996
	175,757	2,020,605	2,196,362	4,419,000	6,089,932	1,872,992	7,962,924	20,060,000	

NORTHERN NATURAL GAS CO					NORTHWEST PIPELINE CORP				
1977	720,560	11,655	732,215	762,500	155,173	297,274	452,447	497,713	1977
1978	644,118	11,508	655,626	713,500	156,773	286,919	443,692	497,779	1978
1979	592,377	11,023	603,400	706,500	149,289	287,562	436,851	494,211	1979
1980	524,009	9,347	533,356	711,500	144,043	290,382	434,425	497,329	1980
1981	474,036	7,771	481,807	710,500	139,253	291,197	430,450	497,112	1981
1982	423,777	7,601	431,378	708,500	141,893	244,293	386,186	497,573	1982
1983	376,960	7,481	384,441	707,500	135,578	280,601	416,179	497,573	1983
1984	335,765	7,393	343,158	707,500	129,909	281,370	411,279	497,573	1984
1985	298,631	7,019	305,650	707,500	123,915	280,601	404,516	497,573	1985
1986	266,303	6,966	273,269	707,500	118,659	280,601	399,260	497,573	1986
1987	238,802	6,926	245,728	707,500	113,517	280,601	394,118	497,573	1987
1988	212,774	6,904	219,678	707,500	107,496	281,370	388,866	497,573	1988
1989	190,997	6,885	197,882	707,500	102,143	233,706	335,849	497,573	1989
1990	172,045	6,870	178,915	707,500	97,529		97,529	497,573	1990
1991	152,010	6,852	158,862	707,500	93,143		93,143	497,573	1991
1992	139,334	6,836	146,170	707,500	89,263		89,263	497,573	1992
1993	125,449	6,829	132,278	707,500	85,137		85,137	497,573	1993
1994	112,889	6,516	119,405	707,500	81,463		81,463	497,573	1994
1995	101,551	16	101,567	707,500	78,022		78,022	497,573	1995
1996	91,314	11	91,325	707,500	74,934		74,934	497,573	1996
	6,193,701	142,409	6,336,110	14,216,000	2,317,132	3,616,477	5,933,609	9,947,739	

YEAR	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	YEAR
OKLAHOMA NAT GAS GATH CORP					PANHANDLE EASTERN P L CO				
1977	13,517		13,517	13,517	450,933	179,864	630,797	851,793	1977
1978	11,640		11,640	11,640	419,047	151,199	570,246	851,793	1978
1979	9,680		9,680	9,680	351,211	116,415	467,626	851,793	1979
1980	7,838		7,838	7,838	300,042	87,923	387,965	851,793	1980
1981	6,290		6,290	6,290	260,323	72,088	332,411	851,793	1981
1982	5,139		5,139	5,139	229,598	56,191	285,789	851,793	1982
1983	4,211		4,211	4,211	207,736	41,298	249,034	851,793	1983
1984	3,335		3,335	3,335	181,905	34,200	216,105	851,793	1984
1985	2,866		2,866	2,866	159,441	30,120	189,561	851,793	1985
1986	2,440		2,440	2,440	140,592	26,304	166,896	851,793	1986
1987					125,421	21,808	147,229	851,793	1987
1988					113,539	18,177	131,716	851,793	1988
1989					103,141	12,139	115,280	851,793	1989
1990					94,081	11,012	105,093	851,793	1990
1991					85,413	9,246	94,659	851,793	1991
1992					78,424	7,418	85,842	851,793	1992
1993					73,183	5,122	78,305	851,793	1993
1994					68,262	3,712	71,974	851,793	1994
1995					63,933	3,309	67,242	851,793	1995
1996					59,251	3,074	62,325	851,793	1996
	66,956		66,956	66,956	3,565,476	890,619	4,456,095	17,035,860	
SEA ROBIN PIPELINE COMPANY					SOUTH TEX NAT GAS GATH CO				
1977	184,144		184,144	184,144	30,494		30,494	30,494	1977
1978	137,130		137,130	184,144	25,875		25,875	25,875	1978
1979	95,605		95,605	184,144	21,789		21,789	21,562	1979
1980	66,375		66,375	184,144	18,617		18,617	18,228	1980
1981	43,349		43,349	184,144	15,811		15,811	15,477	1981
1982	24,643		24,643	184,144	13,690		13,690	13,402	1982
1983	11,775		11,775	184,144	11,676		11,676	10,834	1983
1984	6,671		6,671	184,144	9,992		9,992		1984
1985	3,152		3,152	184,144	8,783		8,783		1985
1986	1,182		1,182	184,144	7,832		7,832		1986
1987	114		114	184,144	6,666		6,666		1987
1988	91		91	184,144	5,714		5,714		1988
1989	68		68	184,144	5,059		5,059		1989
1990	30		30	184,144	4,284		4,284		1990
1991	15		15	184,144	3,992		3,992		1991
1992				184,144	3,380		3,380		1992
1993				184,144	2,820		2,820		1993
1994				184,144	2,399		2,399		1994
1995				184,144	2,013		2,013		1995
1996				184,144	1,845		1,845		1996
	574,344		574,344	3,682,880	202,740		202,740	135,872	
2/ SOUTHERN NATURAL GAS CO					TENNESSEE G PL DIV TENNECO				
1977	384,767	157,233	542,000	542,000	1,137,818		1,137,818	1,137,818	1977
1978	414,263	127,737	542,000	542,000	937,883		937,883	1,137,818	1978
1979	443,574	98,426	542,000	542,000	873,751		873,751	1,137,818	1979
1980	399,925	80,128	480,053	542,000	802,803		802,803	1,137,818	1980
1981	343,131	65,505	408,636	542,000	717,892		717,892	1,137,818	1981
1982	299,412	54,361	353,773	542,000	611,665		611,665	1,137,818	1982
1983	261,772	46,701	308,473	542,000	521,839		521,839	1,137,818	1983
1984	231,543	43,478	275,021	542,000	454,030		454,030	1,137,818	1984
1985	211,889	39,773	251,662	542,000	400,649		400,649	1,137,818	1985
1986	196,872	37,252	234,124	542,000	358,162		358,162	1,137,818	1986
1987	189,087	35,253	224,340	542,000	313,557		313,557	1,137,818	1987
1988	182,331	33,833	216,164	542,000	276,074		276,074	1,137,818	1988
1989	175,722	33,402	209,124	542,000	241,283		241,283	1,137,818	1989
1990	170,113	33,389	203,493	542,000	204,195		204,195	1,137,818	1990
1991	166,280	33,376	199,656	542,000	174,373		174,373	1,137,818	1991
1992	159,791	33,368	193,159	542,000	144,973		144,973	1,137,818	1992
1993	144,392	33,368	177,760	542,000	121,303		121,303	1,137,818	1993
1994	142,347	33,368	175,715	542,000	96,990		96,990	1,137,818	1994
1995	140,090	33,368	173,458	542,000	78,449		78,449	1,137,818	1995
1996	138,060	33,368	171,428	542,000	62,259		62,259	1,137,818	1996
	4,795,361	1,086,678	5,882,039	10,840,000	8,529,948		8,529,948	22,756,360	

2/ Includes LNG Imports after 1977.

YEAR	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	OWNED AND CONTRACTED	PIPELINE PURCHASES	TOTAL PIPELINE SYSTEM	ANNUAL REQUIREMENTS	YEAR
TEXAS EASTERN TRANS CORP					TEXAS GAS TRANSMISSION COR				
1977	523,124	277,496	800,620	1,055,749	409,365	150,449	559,814	559,814	1977
1978	466,276	263,404	729,680	1,055,749	377,479	144,990	522,469	547,099	1978
1979	421,619	249,874	671,493	1,055,749	329,268	139,733	469,001	547,099	1979
1980	390,358	237,093	627,451	1,058,641	283,069	134,668	417,737	547,099	1980
1981	362,871	224,756	587,627	1,055,749	250,092	129,792	379,884	547,099	1981
1982	339,075	224,756	563,831	1,055,749	217,516	125,095	342,611	547,099	1982
1983	318,992	224,756	543,748	1,055,749	185,470	120,570	306,040	547,099	1983
1984	303,667	224,756	528,423	1,058,641	166,049	116,222	282,271	547,099	1984
1985	289,168	224,756	513,924	1,055,749	148,767	112,016	260,783	547,099	1985
1986	277,401	224,756	502,157	1,055,749	131,520	107,972	239,492	547,099	1986
1987	235,474	224,756	460,232	1,055,749	118,287	104,485	222,772	547,099	1987
1988	23,251	226,569	249,820	1,058,641	106,243	103,249	209,492	547,099	1988
1989	13,823	235,601	249,424	1,055,749	74,355	102,050	176,405	547,099	1989
1990	11,196	235,601	246,797	1,055,749	51,576	100,887	152,463	547,099	1990
1991	7,827	233,789	241,616	1,055,749	44,302	99,760	144,062	547,099	1991
1992	5,229	224,756	229,985	1,058,641	38,851	98,831	137,682	547,099	1992
1993	3,900	224,756	228,656	1,055,749	28,293	98,657	126,950	547,099	1993
1994	2,245	224,756	227,001	1,055,749	17,081	98,490	115,571	547,099	1994
1995	842	224,756	225,598	1,055,749	14,588	98,328	112,916	547,099	1995
1996	627	224,756	225,383	1,058,641	10,643	98,170	108,813	547,099	1996
	3,996,967	4,656,499	8,653,466	21,123,440	3,002,814	2,284,414	5,287,228	10,954,695	

TRANSCONTINENTAL G P L COR					TRANSWESTERN PIPELINE CO				
1977	557,624	26,281	583,905	1,118,120	234,598		234,598	383,250	1977
1978	474,141	22,083	496,224	1,118,760	193,691		193,691	383,250	1978
1979	400,688	18,871	419,559	1,118,760	162,531		162,531	383,250	1979
1980	344,910	22,083	366,993	1,118,760	136,862		136,862	383,250	1980
1981	302,405	20,769	323,174	1,118,760	115,547		115,547	383,250	1981
1982	258,651	18,251	276,902	1,118,760	97,560		97,560	383,250	1982
1983	212,762	15,446	228,208	1,118,760	82,572		82,572	383,250	1983
1984	185,152	13,651	198,803	1,118,760	71,156		71,156	383,250	1984
1985	162,284	12,264	174,548	1,118,760	62,871		62,871	383,250	1985
1986	155,711	12,045	167,756	1,118,760	60,369		60,369	383,250	1986
1987	131,378	12,045	143,423	1,118,760	60,666		60,666	383,250	1987
1988	111,295	9,680	120,885	1,118,760	54,324		54,324	383,250	1988
1989	95,977		95,977	1,118,760	49,190		49,190	383,250	1989
1990	93,063		93,063	1,118,760	45,277		45,277	383,250	1990
1991	88,122		88,122	1,118,760	41,132		41,132	383,250	1991
1992	77,750		77,750	1,118,760	35,868		35,868	383,250	1992
1993	69,550		69,550	1,118,760	31,622		31,622	383,250	1993
1994	65,610		65,610	1,118,760	26,590		26,590	383,250	1994
1995	59,463		59,463	1,118,760	22,130		22,130	383,250	1995
1996	42,317		42,317	1,118,760	15,158		15,158	383,250	1996
	3,888,763	203,469	4,092,232	22,374,560	1,599,714		1,599,714	7,665,000	

TRUNKLINE GAS CO					UNITED GAS PIPE LINE CO				
1977	396,619	208	396,827	612,500	594,637	92,072	686,709	686,709	1977
1978	331,707	208	331,915	612,500	439,307	68,565	507,872	686,709	1978
1979	253,884	208	254,092	612,500	344,249	47,803	392,052	686,709	1979
1980	190,206	205	190,411	612,500	265,659	33,187	298,846	686,709	1980
1981	154,898	170	155,068	612,500	237,758	21,675	259,433	686,709	1981
1982	119,183	145	119,328	612,500	200,692	12,321	213,013	686,709	1982
1983	85,701	26	85,727	612,500	168,243	5,888	174,131	686,709	1983
1984	69,997	26	70,023	612,500	140,276	3,335	143,611	686,709	1984
1985	61,209	16	61,225	612,500	115,105	1,576	116,681	686,709	1985
1986	52,850		52,850	612,500	95,273	591	95,864	686,709	1986
1987	44,641		44,641	612,500	80,571	57	80,628	686,709	1987
1988	36,553		36,553	612,500	67,269	46	67,315	686,709	1988
1989	24,362		24,362	612,500	56,421	34	56,455	686,709	1989
1990	22,313		22,313	612,500	47,046	15	47,061	686,709	1990
1991	18,539		18,539	612,500	39,351	7	39,358	686,709	1991
1992	14,498		14,498	612,500	32,199		32,199	686,709	1992
1993	9,402		9,402	612,500	27,080		27,080	686,709	1993
1994	6,282		6,282	612,500	23,419		23,419	686,709	1994
1995	5,494		5,494	612,500	19,666		19,666	686,709	1995
1996	5,494		5,494	612,500	16,598		16,598	686,709	1996
	1,903,832	1,212	1,905,044	12,250,000	3,310,819	287,172	3,297,991	13,734,180	

WEST TEXAS GATH CO				
1977	75,972		75,972	75,972
1978	58,033		58,033	58,033
1979	39,246		39,246	39,246
1980	13,836		13,836	13,836
1981	3,189		3,189	3,189
1982				
1983				
1984				
1985				
1986				
1987				
1988				
1989				
1990				
1991				
1992				
1993				
1994				
1995				
1996				
	190,276		190,276	190,276

APPENDIX A

DEFINITIONS

APPENDIX A

RESERVES AND PRODUCTION - DEFINITIONS

Dedicated Reserves

As used in this staff report and defined in Form 15, dedicated reserves are the volume of recoverable salable gas reserves committed to, controlled by, or possessed by the reporting pipeline company and which are used for acts and service for which both the seller and the company have received certificate authorization from the Federal Energy Regulatory Commission.

Reserves include both company-owned reserves and reserves under contract from independent producers. Gas volumes under contract from other pipelines are not included as reserves but may constitute part or all of a company's gas supply.

Deliverability

As used in this staff report and defined by the Commission in its Order No. 279 (CFR 2.61, 260.7), "--represents the number of future years during which a pipeline company can meet its annual requirements for its presently certificated delivery capacity from presently committed sources of supply. The availability of gas from these sources of supply shall be governed by the physical capabilities of these sources to deliver gas, by the terms of existing gas-purchase contracts and limitations imposed by state or federal regulatory agencies."

Gas Supply

As defined in the revised Form 15, gas supply is the certificated dedicated recoverable salable natural gas, including Liquefied Natural Gas (LNG) and Substitute Natural Gas (SNG), available to the reporting company from:

- (1) Company Owned Reserves
- (2) Independent Producer Contracts
- (3) LNG Contracts
- (4) SNG Contracts
- (5) Gas Purchases Contracts with other
Interstate Pipeline Companies
subject to the jurisdiction of the
Federal Energy Regulatory Commission
- (6) Commitments with foreign suppliers

APPENDIX A

Gross Change - Production (GC/P Ratio)

The ratio (plus or minus) expressed in percent arrived at by dividing the revisions and additions for a given year by the production for that year.

Offshore Reserves and Production

Unless otherwise indicated, reserves and production which are in both State and Federal domain located seaward of the coastline.

Pipeline Purchase

Gas supply contracted from and volumes purchased from other Natural Gas Companies as defined by the Natural Gas Act, as amended (52 Stat. 821), excluding Independent Producers, as defined in Paragraph 154.91(a), Chapter 1, Title 18 of the Code of Federal Regulations.

Production

Includes both gas produced from pipeline company-owned reserves and that purchased from independent producers.

Reserves by Type of Gas

Year-end remaining recoverable reserves are reported as Non-Associated, as Associated and Dissolved, or as Mixed gas defined as follows:

- (1) Non-Associated Gas - Natural gas which is in reservoirs that do not contain significant quantities of crude oil
- (2) Associated Gas - Natural gas, commonly known as gas-cap-gas, which overlies and is in contact with crude oil in the reservoir.
- Dissolved Gas - Natural gas which is in solution with crude oil in the reservoir.

APPENDIX A

3. Undesignated (Mixed Gas) - Includes gas reserves for which none of the above classifications can be differentiated.

Revisions and Additions

The difference (plus or minus) between the year-end reserves plus production for a given year and the year-end gas reserves for the previous year.

Undifferentiated Reserves and Production

Reserves and production which are not separable by FERC Production Areas or by States.

Warranty Contract Reserves

Gas supplies dedicated under gas purchase agreements for the sale of natural gas by a producer to a pipeline company wherein the producer warrants it will have available sufficient gas supplies to meet its commitments over the life of the contract. Generally, the producer does not dedicate gas reserves underlying any specific acreage, lease or fields to the agreement. Substitution of various sources of gas supply may be permitted according to the terms of the contract. However, Warranty Contracts by their terms, may vary from the above.

Appendix B

INDEX OF JURISDICTIONAL COMPANIES

Appendix B is an index of 87 1/ companies that filed annual reports of gas supply for 1976, together with the total volumes of gas which they reported as purchased and produced and the percent of these volumes sold under firm and interruptible sales contracts during 1976.

The 26 major supply companies are identified by **. These companies had over 900 billion cubic feet of in-the-ground reserves at the inception of the Form 15 reports or date of first filing. The 31 companies with lesser in-the-ground reserves are identified by *. The remaining 30 companies purchase all of their gas supply from interstate or foreign pipeline companies.

1/ Excludes two companies filing incomplete data who purchase all of their gas supply from other pipeline companies.

APPENDIX: B

COMPANIES FILING FORM 15
TOTAL PURCHASES AND SALES DISPOSITION

(ALL VOLUMES IN THOUSAND MCF AT 14.73 PSIA AT 60 DEGREES F.)

--- TOTAL GAS PRODUCED AND PURCHASES DURING 1976 ---
SALES DISPOSITION 1/

COMPANY	TOTAL VOLUME	PERCENT FIRM	PERCENT INTERRUPTIBLE	PERCENT OTHER USE
ALABAMA TENNESSEE NAT GAS	28,488	.00	.00	.00
ALCONQUIN GAS TRANS CO	138,356	.00	.00	.00
** ARKANSAS LOUISIANA GAS CO	312,817	89.10	.00	10.90
ARKANSAS MISSOURI POWER CO	5,545	.00	.00	.00
* ARKANSAS OKLAHOMA GAS CORP	1,842	.00	.00	.00
* BLACKSVILLE OIL AND GAS CO	37	.00	.00	.00
BLUEFIELD GAS CO	1,414	.00	.00	.00
* CAPROCK PIPELINE CO	1,123	.00	.00	.00
* CARNEGIE NATURAL GAS CO	15,621	68.90	28.90	2.20
* CIMARRON TRANSMISSION CO	8,898	100.00	.00	.00
** CITIES SERVICE GAS CO	449,030	94.60	.00	5.40
** COLU INTERSTATE GAS CO	440,239	86.20	7.50	6.30
** COLUMBIA GAS TRANS CORP	1,062,045	98.50	.00	1.50
* COLUMBIA GULF TRANS CO	4,382	96.10	.00	3.90
COMMERCIAL PIPELINE CO INC	520	.00	.00	.00
** CONSOLIDATED G SUPPLY CORP	631,388	96.10	.00	3.90
* CROWN-ZELLERBACH CORP	4,641	.00	.00	.00
EAST TENNESSEE NATURAL GAS	61,650	.00	.00	.00
EASTERN SHORE NAT GAS CO	4,815	.00	.00	.00
** EL PASO NATURAL GAS CO	1,266,580	89.80	.00	10.20
EMMITSBURG GAS CO	343	.00	.00	.00
* EQUITABLE GAS CO	87,747	90.80	.60	8.60
** FLORICA GAS TRANS CO	87,327	42.60	52.90	4.50
* GAS TRANSPORT INC	3,135	.00	.00	.00
* GEORGIA PACIFIC CORP	1,459	.00	.00	.00
GRANITE STATE GAS TRAN INC	4,043	.00	.00	.00
GREAT LAKES GAS TRANS CO	109,539	.00	.00	.00
GREAT PLAINS NAT GAS CO	3,676	.00	.00	.00
* HORNBER AND SMITH	1,708	.00	.00	.00
INDIANA UTILITIES CORP	307	.00	.00	.00
* INLAND GAS CO INC	13,540	.00	.00	.00
INTER CITY MINN PL LTD INC	7,704	.00	.00	.00
* INTERNATIONAL PAPER CO	730	.00	.00	.00
INTERSTATE POWER CO	24,600	.00	.00	.00
IOWA ILLINOIS GAS AND ELEC	79,688	.00	.00	.00
IOWA PUBLIC SERVICE CO	2/	.00	.00	.00
** KANSAS NEBRASKA NAT GAS CO	137,717	70.80	18.00	11.20
* KENTUCKY WEST VA GAS CO	29,387	94.30	.00	5.70
LAWRENCEBURG GAS TRAN CORP	3,879	.00	.00	.00
* LUNE STAR GAS CO	33,545	39.80	53.50	6.70
* LOUISIANA NEVADA TRANSIT C	4,875	85.20	.70	14.10
* MCCULLOCH INTERSTATE G COR	5,490	.00	.00	.00
MICHIGAN GAS STORAGE CO	70,910	.00	.00	.00
** MICHIGAN WIS PIPE LINE CO	814,138	94.50	.40	5.10
* MID-LOUISIANA GAS CO	24,680	94.70	.00	5.30
MIDWESTERN GAS TRANS CO	298,223	.00	.00	.00
* MISS RIVER TRANS CORP	235,618	94.80	2.80	2.40
** MONTANA DAKOTA UTILITIES C	48,593	67.60	28.80	3.60
* MOUNTAIN FUEL RESOURCES IN	4,876	.00	.00	.00
** MOUNTAIN FUEL SUPPLY CO	124,317	55.10	44.90	.00
* NATIONAL FUEL GAS SUPPLY C	199,993	98.30	.00	1.70
** NATURAL GAS P L CO OF AMER	1,083,753	91.00	.00	9.00
NORTH PENN GAS CO	27,323	.00	.00	.00
** NORTHERN NATURAL GAS CO	820,914	73.70	16.60	9.70
** NORTHWEST PIPELINE CORP	407,376	96.60	.10	3.30
OHIO RIVER PIPELINE CORP	7,795	.00	.00	.00
* OKLAHOMA NAT GAS GATH CORP	14,604	99.40	.00	.60
ORANGE & ROCKLAND UTIL INC	26,175	.00	.00	.00
* PACIFIC INTERSTATE TRANS	1,115	.00	.00	.00
PACIFIC GAS TRANSMISSION C	392,463	.00	.00	.00
** PANHANDLE EASTERN P L CO	624,270	87.80	3.70	8.50
PENNSYLVANIA-SOUTHERN G CO	4,063	.00	.00	.00
RATON NATURAL GAS COMPANY	1,600	.00	.00	.00
* REGIS GAS SYSTEMS INC	571	.00	.00	.00
** SEA ROBIN PIPELINE COMPANY	251,340	100.00	.00	.00
SOUTH GEORGIA NAT GAS CO	23,418	.00	.00	.00
** SOUTH TEX NAT GAS GATH CO	33,775	99.90	.00	.10
** SOUTHERN NATURAL GAS CO	590,486	92.50	4.50	1.00
SOUTHWEST GAS CORP	31,068	.00	.00	.00
** TENNESSEE G PL DIV TENNECO	1,181,025	94.30	.00	5.70
TENNESSEE NAT G LINES INC	28,700	.00	.00	.00
** TEXAS EASTERN TRANS CORP	789,726	96.50	.00	3.50
* TEXAS GAS PIPE LINE CORP	2,751	.00	.00	.00
** TEXAS GAS TRANSMISSION CUR	611,617	96.00	.00	4.00
** TRANSCONTINENTAL G P L COR	643,919	97.60	.00	2.40
** TRANSWESTERN PIPELINE CO	273,324	92.60	.20	7.20
* TRUNKLINE GAS CO	362,754	99.70	.10	.20
* UNION-GAS SYSTEM INC	18,709	.00	.00	.00
UNION LT HEAT AND POWER CO	16,087	.00	.00	.00
** UNITED GAS PIPE LINE CO	865,444	99.90	.00	.10
* VALLEY GAS TRANS INC	4,706	.00	.00	.00
WASHINGTON GAS LIGHT CO	117,608	.00	.00	.00
** WEST TEXAS GATH CO	84,814	100.00	.00	.00
* WESTERN GAS INTERSTATE CO	7,407	.00	.00	.00
* WESTERN TRANSMISSION CORP	1,722	.00	.00	.00
* WHEELER GAS CO	148	.00	.00	.00
* ZENITH NATURAL GAS CO	861	.00	.00	.00

* COMPANIES OWNING OR CONTROLLING DOMESTIC IN-THE-GROUND RESERVES.

** COMPANIES WITH OVER 900 BILLION CUBIC FEET OF DOMESTIC IN-THE-GROUND RESERVES AT THE INCEPTION OF THE FIRM 15 REPORT OR DATE OF FIRST FILING.

1/ PIPELINE COMPANIES WITH LESS THAN 50 BILLION CUBIC FEET OF OWNED AND CONTRACTED FOR GAS RESERVES ARE NOT REQUIRED TO FURNISH THIS INFORMATION.

2/ Not Reported

APPENDIX C

GEOGRAPHICAL DESCRIPTION OF FERC GAS AREAS
AND
SUBAREAS

APPENDIX C - GEOGRAPHICAL DESCRIPTION OF FERC GAS AREAS

AREA 1 APPALACHIAN - ILLINOIS

- 10 - APPALACHIAN BASIN - NORTH SUBAREA
- 11 - APPALACHIAN BASIN - SOUTH SUBAREA
- 12 - ILLINOIS BASIN

10 APPALACHIAN BASIN - NORTH SUBAREA

NEW YORK
BROOME, CHENANGO, MADISON, CENNDAGA, CAYUGA, WAYNE, MONROE, ORLEANS AND NIAGARA COUNTIES AND ALL COUNTIES TO THE SOUTH AND WEST

PENNSYLVANIA
FRANKLIN, HUNTINGDON, CENTRE, LYCOMING, SULLIVAN, SUSQUEHANNA COUNTIES AND ALL COUNTIES WEST OF THIS GROUP

NORTHERN OHIO
VAN WERT, ALLEN, HANCOCK, WYANDOT, CRAWFORD, RICHLAND, ASHLAND, WAYNE, STARK AND COLUMBIANA COUNTIES AND ALL COUNTIES NORTH OF THIS GROUP
ALSO INCLUDES OFFSHORE LAKE ERIE AND OFFSHORE LAKE CATARIO AREAS ADJACENT TO NEW YORK, PENNSYLVANIA, OHIO

11 APPALACHIAN BASIN - SOUTH SUBAREA

WEST VIRGINIA
ENTIRE STATE

MARYLAND
GARRETT, ALLEGANY, WASHINGTON

VIRGINIA
BLUHANAN, DICKINSON, LEE, RUSSELL, SCOTT, SMYTH, TAZEWELL, WASHINGTON, WISE

SOUTHERN OHIO
ALL COUNTIES SOUTH OF THE FOLLOWING: VAN WERT, ALLEN, HANCOCK, WYANDOT, CRAWFORD, RICHLAND, ASHLAND, WAYNE, STARK, COLUMBIANA

KENTUCKY
CLINTON, MERCER, RUSSELL, WOODFORD, CASEY, SCOTT, BOYLE, GRANT AND BOONE COUNTIES AND ALL COUNTIES EAST OF THIS GROUP

12 ILLINOIS BASIN

ILLINOIS
ENTIRE STATE

INDIANA
GIBSON COUNTY

KENTUCKY
ALL COUNTIES WEST OF BUT NOT INCLUDING CLINTON, RUSSELL, CASEY, BOYLE, MERCER, WOODFORD, SCOTT, GRANT AND BOONE COUNTIES

AREA 2 OTHER SOUTHWEST

- 20 MISSISSIPPI - ALABAMA
- 21 MISSISSIPPI - OFFSHORE
- 22 NORTHERN LOUISIANA
- 23 TEXAS RAILROAD COMMISSION DISTRICT NO. 6
- 24 SOUTHERN ARKANSAS
- 25 TEXAS RAILROAD COMMISSION DISTRICT NO. 5
- 26 TEXAS RAILROAD COMMISSION DISTRICT NO. 9
- 27 OTHER OKLAHOMA
- 28 NORTHERN ARKANSAS

20 MISSISSIPPI - ALABAMA
ENTIRE STATE OF MISSISSIPPI PLUS FOUR ALABAMA COUNTIES: MARION, FAYETTE, LAMAR, PICKENS

21 MISSISSIPPI - OFFSHORE - FEDERAL DOMAIN

22 NORTHERN LOUISIANA
ALL OF LOUISIANA NORTH OF 31 DEGREE PARALLEL INCLUDING THESE COUNTIES:

BIENVILLE	CATAHULLA	FRANKLIN	LINCOLN	OUACHITA	RICHLAND	WEBSTER
BOSSIER	CLAIBORNE	GRANT	MADISON	* POINTE	SABINE	WEST CARROLL
CADDIS	DE SOTO	JACKSON	MOREHOUSE	COUPEE	TENSAS	* WEST FELICIANA
CALDWELL	EAST CARROLL	LA SALLE	NATCHITOCHES	RED RIVER	UNION	WINN

* PORTIONS OF THESE COUNTIES LIE NORTH OF THE 31ST PARALLEL

23 TEXAS RAILROAD COMMISSION DISTRICT NO. 6

ANDERSON	CAMP	FRANKLIN	HOUSTON	NACOGDOCHES	RUSK	SHELBY	UPSHUR
ANGELINA	CASS	GREGG	MARION	PANOLA	SABINE	SMITH	WOOD
BOWIE	CHEROKEE	HARRISON	MORRIS	RED RIVER	SAN AUGUSTINE	TITUS	

24 SOUTHERN ARKANSAS

ASHLEY	CALHOUN	COLUMBIA	LAFAYETTE	MILLER	OUACHITA
BRADLEY	CHICOT	HEMPSTEAD	LITTLE RIVER	NEVADA	UNION

25 TEXAS RAILROAD COMMISSION DISTRICT NO. 5

BOSQUE	DELTA	FANNIN	HILL	JOHNSON	LEON	NAVARRO	ROCKWALL
COLLIN	ELLIS	FREESTONE	HOPKINS	KAUFMAN	LIVESTONE	RAINS	TARRANT
DALLAS	FALLS	HENDERSON	HUNT	LAMAR	MCCLENNAN	ROBERTSON	VAN ZANDT

26 TEXAS RAILROAD COMMISSION DISTRICT NO. 9

ARCHER	CLAY	DENTON	GRAYSON	JACK	MONTAGUE	WICHITA	YOUNG
BAYLOR	COOKE	FORD	HARDEMAN	KNOX	WILBARGER	WISE	

27 OTHER OKLAHOMA

ADAIR	COAL	GREEN	KAY	MC CLAIN	NOBLE	PAWNEE	SEMINOLE
ATOKA	COMANCHE	HARMON	KIOWA	MC CURTAIN	NOWATA	PAYNE	SEQUOYAH
BRYAN	COTTEN	HASKELL	LATIMER	MC INTOSH	OKFUSKEE	PITTSBURG	TILLMAN
CARTER	CRAIG	HUGHES	LE FLORE	MARSHALL	OKLAHOMA	PONTOTOC	TULSA
CHEROKEE	CREEK	JACKSON	LINCOLN	MAYES	OKMULGEE	POTTAWATOMIE	WAGONER
CHOCTAW	DELAWARE	JEFFERSON	LOGAN	MURRAY	OSAGE	PUSHMATAHA	WASHINGTON
CLEVELAND	GARVIN	JOHNSTON	LOVE	MUSKOGEE	OTTAWA	ROGERS	

ALSO INCLUDES STEPHENS COUNTY NOT WITHIN TOWNSHIP 2 NORTH, RANGES 4 AND 5 WEST.

- 28 NORTHERN ARKANSAS
SEVIER DALLAS HOWARD CLEVELAND PIKE DREW CLARK DESHA
ALSO INCLUDES ALL OTHER ARKANSAS COUNTIES NORTH OF THIS GROUP.

AREA 3 - SOUTHERN LOUISIANA

- 30 SOUTHERN LOUISIANA - CNFSHORE
31 SOUTHERN LOUISIANA - CFFSHORE

- 30 SOUTHERN LOUISIANA - CNFSHORE
INCLUDES ALL OF LOUISIANA SOUTH OF THE 31 DEGREE PARALLEL INCLUDING ALL OR PART OF THE FOLLOWING COUNTIES:
- | | | | | | | |
|-------------|----------------|------------|-------------|-------------|------------|------------|
| ACACIA | CALCASIEU | EVANGELINE | LAFAYETTE | ST BERNARD | ST LANDRY | VERMILION |
| ALLEN | CAMERON | IBERIA | LA FOURCHE | ST CHARLES | ST MARTIN | * VERNON |
| ASCENSION | * CENACORDIA | IBERVILLE | LIVINGSTON | ST HELENA | ST PARY | WASHINGTON |
| ASSUMPTION | EAST BATON | JEFFERSON | ORLEANS | ST JAMES | ST TAMMANY | WEST BATON |
| * AVOYELLES | ROUGE | JEFFERSON | PLAQUEMINES | ST JOHN THE | TANGIPAHOA | ROUGE |
| BEAUREGARD | EAST FELICIANA | DAVIS | * RAPIDES | BAPTIST | TERREBONNE | |
- * PORTIONS OF THESE COUNTIES LIE SOUTH OF THE 31ST PARALLEL.

- 31 SOUTHERN LOUISIANA - CFFSHORE

AREA 4 - TEXAS GULF COAST

- 40 TEXAS RAILROAD COMMISSION DISTRICT NO. 2
41 TEXAS RAILROAD COMMISSION DISTRICT NO. 3
42 TEXAS RAILROAD COMMISSION DISTRICT NO. 4
43 TEXAS - OFFSHORE
44 TEXAS RAILROAD COMMISSION DISTRICT NO. 1 (SCUTH)

- 40 TEXAS RAILROAD COMMISSION DISTRICT NO. 2
BEE CALHOUN DE WITT GOLIAD JACKSON KARNES LAVACA LIVE OAK REFUGIO VICTORIA

- 41 TEXAS RAILROAD COMMISSION DISTRICT NO. 3
AUSTIN CHAMBERS GALVESTON JASPER MADISON ORANGE TYLER WHARTON
BRAZORIA COLORADO GRIMES MATAGORCA POLK WALKER
BRAZOS FAYETTE HARDIN LEE MONTGOMERY SAN JACINTO WALLER
BURLESON FT. BEND HARRIS LIBERTY NEWTON TRINITY WASHINGTON

- 42 TEXAS RAILROAD COMMISSION DISTRICT NO. 4
ARANSAS DUVAL JIM WELLS NUECES WEBB
BROOKS HIDALGO KENEDY SAN PATRICIO WILLACY
CAMERON JIM HOGG KLEBERG STARR ZAPATA

- 43 TEXAS - OFFSHORE (FEDERAL DOMAIN)

- 44 TEXAS RAILROAD COMMISSION DISTRICT NO. 1 (SCUTH)
ATASCOSA CALDWELL GONZALES LASALLE MEDINA ZAVALA
BASTROP DIMMIT GUADALUPE MCMULLEN LUALDE
BEXAR FRIC KINNEY MAVERICK WILSON

AREA 5 - PERMIAN BASIN

- 50 TEXAS RAILROAD COMMISSION DISTRICT NO. 7-B
51 TEXAS RAILROAD COMMISSION DISTRICT NO. 7-C
52 TEXAS RAILROAD COMMISSION DISTRICT NO. 8
53 TEXAS RAILROAD COMMISSION DISTRICT NO. 8-A
54 TEXAS RAILROAD COMMISSION DISTRICT NO. 1 (NCRTH)
55 NEW MEXICO - PERMIAN BASIN

- 50 TEXAS RAILROAD COMMISSION DISTRICT NO. 7-B
BROWN CORYELL HAMILTON LAMPASAS PARKER STEPHENS
CALLAHAN EASTLAND HASKELL MILLS SAN SABA STONEWALL
COLEMAN ERATH HOOD NOLAN SHACKELFORD TAYLOR
COMANCHE FISHER JONES PALO PINTO SCHMERVELL THROCKMORTON

- 51 TEXAS RAILROAD COMMISSION DISTRICT NO. 7-C
COKE CROCKETT KIMBLE MENARD RUNNELS SUTTON TOM GREEN
CONCHO IRICH MCCULLOCH REAGAN SCHLEICHER TERRELL UPTON

- 52 TEXAS RAILROAD COMMISSION DISTRICT NO. 8
ANDREWS CRANE ECTOR GLASSCOCK HUDSPETH LOVING MIDLAND PECOS REEVES WARD
BREWSTER CULBERSON EL PASO HOWARD JEFF DAVIS MARTIN MITCHELL PRESIDIO STERLING WINKLER

- 53 TEXAS RAILROAD COMMISSION DISTRICT NO. 8-A
BAILEY CATTLE CICKENS GARZA KENT LEBECK SCURRY
BORDEN CROSBY FLOYD HALE KING LYNN TERRY
COCHRAN DAWSON GAINES HOCKLEY LAMB MCTLEY YOAKUM

- 54 TEXAS RAILROAD COMMISSION DISTRICT NO. 1 (NCRTH)
BANDERA BLANCO COMAL GILLESPIE KENDALL LLANO MILAM TRAVIS WILLIAMSON
BELL BURNET EDWARDS HAYS KERR MASON REAL VAL VERDE

- 55 NEW MEXICO - 4 COUNTIES
CHAVES EDDY LEA ROOSEVELT

AREA 6 - HUGOTON - ANADARKO

60 TEXAS RAILROAD COMMISSION DISTRICT NO. 10
61 OKLAHOMA PANHANDLE
62 OKLAHOMA ANADARKO
63 KANSAS

60 TEXAS RAILROAD COMMISSION DISTRICT NO. 10
ARMSTRONG CASTRO DALLAM GRAY HARTLEY LIPSCOMB OLDHAM RANDALL SWISHER
BRISCOE CHILDRESS DEAF SMITH HALL HEMPHILL MOORE PARKER ROBERTS WHEELER
CARSON COLLINGSWORTH DONLEY HANSFORD HUTCHINSON OCHILTREE POTTER SHERMAN

61 OKLAHOMA PANHANDLE
BEAVER CIMARRON ELLIS HARPER TEXAS WOODWARD

62 OKLAHOMA ANADARKO
ALFALFA CADDO DEWEY GRADY- KINGFISHER WASHITA
BECKHAM CANADIAN GARFIELD CARTER KNOX MAJOR WOODS
BLAINE CUSTER GRADY GRANT ROGER MILLS
AND PART OF STEPHENS COUNTY LYING WITHIN TOWNSHIP 2 NORTH, RANGES 4 AND 5 WEST.

63 KANSAS
ENTIRE STATE

AREA 7 - ROCKY MOUNTAIN

70 UTAH - ANETH FIELD
71 SAN JUAN BASIN
72 UTAH - GREEN RIVER BASIN
73 COLORADO - JULESBURG BASIN
74 MONTANA - WYOMING
75 MONTANA - DAKOTA

70 UTAH - ANETH FIELD AREA
INCLUDES THAT PART OF SAN JUAN COUNTY, UTAH LYING WITHIN TOWNSHIP 39 THROUGH 43 SOUTH, RANGES 18
THROUGH 26 EAST AND TOWNSHIP 38 SOUTH, RANGES 20 AND 21 EAST.

71 SAN JUAN BASIN AREA
NEW MEXICO
MCKINLEY RIC ARRIBA SANDOVAL SAN JUAN
COLORADO
ARCHULETA, COLORADO, HINSDALE, LA PLATA, MINERAL, MONTEZUMA, MONTROSE, OURAY, SAN JUAN, SAN MIGUEL

72 UTAH - GREEN RIVER BASIN AREA
WYOMING
CARBON LINCOLN SUBLETTE SWEETWATER UTAH
UTAH
CARBON DAGGETT DUCHESNE EMERY GRAND SUMMIT UTAH WASHACHE
COLORADO
GARFIELD MESA MOFFAT RIO BLANCO ROUTT

73 COLORADO - JULESBURG AREA
WYOMING
ALBANY GOSHUTE LARAMIE PLATTE
NEBRASKA
BANNER CHEYENNE DEUEL KIMBALL SCOTTS BLUFF SIOUX
BOZEMAN CAMBES GARDEN MCRRILL SHERIDAN
COLORADO
ALL COUNTIES EAST OF BUT NOT INCLUDING ROUTT, GARFIELD, MESA, MONTROSE, OURAY, HINSDALE, MINERAL, AND
ARCHULETA COUNTIES.

74 MONTANA - WYOMING AREA
MONTANA
BIG HORN PARK ROSEBUD SWEET GRASS YELLOWSTONE
CARBON FORT RIVER STILLWATER TREASURE
WYOMING
BIG HORN CONVERSE FREMONT JOHNSON NICBRARA SHERIDAN WASHAKIE YELLOWSTONE
CAMPBELL CROCK HOT SPRINGS NATRONA PARK TETON WESTON NATIONAL PARK

75 MONTANA - DAKOTA AREA
NORTH DAKOTA
ENTIRE STATE
SOUTH DAKOTA
BUTTE HARDING PERKINS
MONTANA
CARTER CLUSTER GLACIER MEAGHER PONDERA WHEATLAND
CASCADE GARFIELD GOLDEN VALLEY MUSSELSHELL TETON
ALSO ALL COUNTIES NORTH AND EAST OF THIS GROUP.

AREA 8 - OTHER AREAS

80 OTHER AREAS
CONSISTS OF THE REMAINDER OF THE CONTINENTAL UNITED STATES NOT INCLUDED IN ANY OF THE OTHER
PRODUCTION AREAS