

**Gulf of Mexico
Natural Gas Resources
and Pipeline
Infrastructure**

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GULF OF MEXICO
NATURAL GAS RESOURCES AND PIPELINE INFRASTRUCTURE
TABLE OF CONTENTS

	<u>Page</u>
I. EXECUTIVE SUMMARY	1
II. INTRODUCTION	6
III. GULF OF MEXICO	9
A. Resource Potential	9
B. Gulf of Mexico Producers	12
C. Gulf of Mexico Leasing	14
D. Federal Versus State Waters	16
E. Gas Supply Data -- by Area	19
IV. GULF OF MEXICO PIPELINES	22
A. Offshore Pipelines by Location and Size	22
B. Offshore Pipeline Ownership	26
C. Recent Pipeline Activity	31
D. Offshore Pipeline Regulation	34
V. EASTERN LOUISIANA REGION	40
VI. CENTRAL LOUISIANA REGION	51
VII. WESTERN LOUISIANA REGION	60
VIII. TEXAS REGION	69
IX. EASTERN GULF REGION	77

GULF OF MEXICO
NATURAL GAS RESOURCES AND PIPELINE INFRASTRUCTURE
TABLE OF CONTENTS

Appendix A: Offshore Project Profiles and Maps

ANR Pipeline Co.	Shell's Mississippi Canyon Gathering System
Chandeleur Pipe Line Co.	Southern Natural Gas
Columbia Gulf Transmission Company	Stingray Pipeline Co.
Dauphin Island Gathering System	Superior Offshore Pipeline Company
EP Operating Company	Tejas Power Corp.
High Island Offshore System and UT Offshore System	Tennessee Gas Pipeline
Leviathan Gas Pipeline	TOMCAT
Main Pass Gathering Company	Transcontinental Gas Pipe Line
Matagorda Offshore Pipeline System (MOPS)	Trunkline Gas Co.
Sea Robin Pipeline	Venice Gathering System
Shell's Auger Line	Viosca Knoll Gathering System

Appendix B: Statistical Appendix

Schedules:

- | | | |
|---|---|--|
| 1 | - | Gulf of Mexico Natural Gas Producers -- 1993 (Federal Waters) |
| 2 | - | Summary of Federal Offshore Pipeline Miles by Area, Status, Company Type, and Diameter |
| 3 | - | Summary of Pipeline Miles by Area, Company Type, and Diameter (Offshore State Waters) |
| 4 | - | Gas Pipeline Segments in Gulf of Mexico Federal Waters |
| 5 | - | Gas Pipeline Segments in Gulf of Mexico State Waters |

GULF OF MEXICO

NATURAL GAS RESOURCES AND PIPELINE INFRASTRUCTURE

I. EXECUTIVE SUMMARY

Introduction

The Gulf of Mexico offshore area is one of the most important natural gas supply areas in the United States. This report was prepared by Foster Associates, Inc., on behalf of the INGAA Foundation, to promote greater understanding of the role this dynamic producing area plays in the U.S. energy profile. The report discusses important offshore producing regions, producers and relevant new development areas, as well as the infrastructure of gas pipelines necessary to transport these supplies to U.S. markets. Pipeline characteristics covered include identification of pipelines and their ownership, location and facility configurations, diameter and new pipeline proposals.

Offshore Gas Supply Regions

The Gulf of Mexico offshore natural gas producing area provides U.S. markets with 26 percent of indigenous gas supplies and contains 18 percent of proven reserves. In addition, potential recoverable reserves total 48 Tcf, representing 21 percent of the total Lower 48 States' potential gas reserves.

The Gulf can be divided into different producing regions, such as federal and state waters. The federal waters contain the majority of the offshore producing reserves (95 percent), with the remaining reserves split between Louisiana state waters (3 percent) and Texas state waters (2 percent). For the purpose of this analysis, Foster Associates has further divided the Gulf of Mexico federal waters into five regions: Eastern Louisiana, Central Louisiana, Western Louisiana, Texas and the Eastern Gulf.

In terms of production, discovered reserves, and leased acreage, the Central and Western Louisiana regions are the largest of the Gulf's regions. The following table presents gas supply data for each of the five regions.

GAS SUPPLY DATA BY REGION 1994					
Region	Pro- duction (%)	Proven Remaining Reserves (%)	No. of Leases		
			Producing	Non- producing	Total
Eastern Louisiana	9.3%	13.5%	378	787	1,165
Central Louisiana	38.8	36.9	666	783	1,449
Western Louisiana	34.9	29.5	597	881	1,478
Texas	15.5	14.9	226	478	704
Eastern Gulf	1.5	5.2	52	118	170
TOTAL	100.0	100.0	1,919	3,047	4,966

Source: MMS, 1994 Update and Federal Offshore Statistics: 1993 and Foster Associates, Inc.

Since the mid-1950s, the Minerals Management Service of the U.S. Department of the Interior has leased 26 million acres, representing 4,966 leases in the Gulf. About 61 percent of these leases are not currently producing, providing abundant potential for further development opportunities. The regions with the highest proportion of non-producing acreage are the Eastern Gulf, Texas and Eastern Louisiana.

Three major interest areas in the Gulf of Mexico are deepwater drilling, Eastern Gulf reserves and subsalt drilling. One of the first deepwater projects commenced production in 1994 when Shell installed its tension leg platform in the Auger project (Garden Banks Block 426) at a water depth of 953 meters. Several other deepwater projects are currently underway in the Mississippi Canyon, Viosca Knoll and Green Canyon areas. Eastern Gulf discoveries have been particularly significant in the Mobile Bay area. One promising area is the Norphlet trend, with 7 to 8 Tcf of potentially recoverable reserves. Finally, the subsalt trend offers substantial promise in light of

recent drilling successes, particularly the Mahogany project in the Ship Shoal area being developed by Phillips, Anadarko and Amoco.

While the Gulf of Mexico production and lease holdings are not overly concentrated within a few large companies, market shares for the 10 largest producers in the Gulf do exceed the U.S. average. The 10 largest lease owners hold approximately 53 percent of the federal acreage and the 10 largest companies produce 52 percent of the total offshore production. For the total U.S. (onshore and offshore), the market share for the 10 largest gas producers is about 31 percent.

Offshore Pipelines

About 130 companies operate pipelines in Gulf of Mexico state and federal waters. Active offshore gas pipelines total 14,773 miles, with approximately 91 percent located in federal waters and 9 percent in state waters. Over 20 percent of the active pipeline mileage has been constructed within the past five years. Gas producers (majors and independents) have constructed three-quarters of these lines. An additional 775 miles of pipe are currently planned for the Gulf of Mexico, and producers are also responsible for the majority of this proposed mileage.

Owners of existing offshore pipelines are primarily a mix of interstate transmission companies and gas producers. The 10 largest companies own 53 percent of the total offshore mileage. Eight are interstate pipelines and two are producers. Of the next 10 large owners, four are interstate pipelines and six are producers. The concentration of pipeline ownership (e.g., the top 10 companies hold 53 percent) is consistent with the concentration of production, where the top 10 lease owners hold 53 percent of the federal offshore leases and the 10 largest producers represent 52 percent of the production.

The distribution of offshore pipeline mileage by ownership type, region and size is shown on the following table.

SUMMARY OF PIPELINE OWNERSHIP/OPERATION BY LOCATION AND DIAMETER (Percentage Distribution)					
	Interstate Pipelines	Major Producers	Indepen- dents	Pipeline Affiliates	TOTAL
A. Pipeline Location (by origin)					
Eastern Louisiana	32%	31%	32%	5%	100%
Central Louisiana	54	23	22	1	100
Western Louisiana	60	12	22	6	100
Texas	39	7	46	8	100
Eastern Gulf	10	46	21	23	100
State Waters	<u>44</u>	<u>18</u>	<u>35</u>	<u>3</u>	<u>100</u>
TOTAL OWNERSHIP	50	19	27	4	100
B. Pipeline Diameter					
<9 inches	16%	30%	50%	4%	100%
9-18 inches	63	14	18	5	100
19-27 inches	79	8	9	4	100
>27 inches	<u>99</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>100</u>
TOTAL OWNERSHIP	50	19	27	4	100

Interstate pipelines own about half of the offshore mileage, primarily in Central and Western Louisiana. Across the entire Gulf of Mexico, producers (majors and independents) own 46 percent of the total offshore pipeline mileage, with concentration of their ownership in Eastern Louisiana and in Texas. Producers own the majority of the pipelines in the newer Eastern Gulf areas.

Offshore pipeline size (diameter) ranges from very small lines (e.g., 2 inches) to large diameter pipelines. The mileage distribution by size is as follows:

Diameter (Inches)				
<9	9 - 18	19 - 27	>27	Total
40%	33%	18%	9%	100%

The larger diameter pipeline (over 18 inches) makes up 27 percent of the mileage, with about 9 percent greater than 27 inches in diameter. State waters have a higher proportion of large diameter pipelines, primarily because the larger diameter lines from federal waters traverse state waters to reach onshore points. Interstate pipelines own about 85 percent of the large diameter pipelines; however, this proportion will fall when proposed lines are constructed and become operational.

Regional Summary

The following table summarizes the relative importance of each region, the largest lease holders and pipelines, pipeline ownership and location of new pipelines.

REGIONAL SUMMARY OF LEASES AND PIPELINES						
	Eastern Louisiana	Central Louisiana	Western Louisiana	Texas	Eastern Gulf	Total
Proportion of Leases						
Producing	20%	35%	31%	12%	2%	100%
Non-producing	26%	26%	29%	15%	4%	100%
Largest lease holder a/	Shell 17%	Shell 10%	Shell 8%	Shell 10%	Chevron 27%	Shell 14%
Concentration of top 10 lease holders a/	72%	47%	37%	55%	89%	53%
Proportion of total pipeline mileage	15%	33%	36%	15%	1%	100%
Largest pipeline company b/	Southern 16%	Transco 14%	Tennessee 11%	Transco 32%	Chevron 31%	Transco 12%
Concentration of top 10 pipeline owners c/	69%	67%	59%	76%	100%	53%
Pipeline ownership ratio c/ Interstates/Other	36/64%	54/46%	61/39%	35/65%	6/94%	50/50%
New Pipelines c/	33%	22%	30%	7%	8%	100%

a/ Based on acreage

b/ Based on federal waters only

c/ Based on mileage

The regions with the highest proportion of producing leases also have the highest proportion of pipeline mileage. Only in the Central and Western Louisiana regions do interstate pipelines own the majority of the mileage. The 10 largest companies own the highest proportions of the pipeline mileage in offshore Texas and the Eastern Gulf, yet these are the areas where the interstate pipelines' percentages are the lowest.

II. INTRODUCTION

Foster Associates, Inc.¹ has prepared this report on behalf of the INGAA Foundation for the purpose of documenting the relative importance of the Gulf of Mexico natural gas resources in federal and state waters and the infrastructure of pipelines necessary to transport these supplies to U.S. markets. Section III presents supply statistics and information pertaining to the Gulf and Section IV identifies and describes the offshore pipelines, including their ownership, facility configuration and regulatory environment. Sections V through IX present information for five offshore regions -- their important producing areas, producers, pipelines, and development activities. Appendix A contains profiles and maps of 22 individual pipelines operating or being proposed in the Gulf. Appendix B to the report presents selected statistical data about offshore facilities.

For this analysis, Foster Associates has subdivided the Gulf of Mexico into five regions: Eastern Louisiana, Central Louisiana, Western Louisiana, Texas and the Eastern Gulf. The map on the following page depicts these regions and the smaller producing areas, including extensions or additions (e.g., Mustang Island and the area's eastern addition of offshore Texas) that comprise each larger region. The map also outlines the boundary between state and federal waters.

¹ This research was directed by Dr. William G. Foster, assisted by Mary Jane Klipple, Rebecca Reddick, George Warholic, David Neal, Jeffrey Humin and Pat Bradley.

GULF OF MEXICO REGIONS

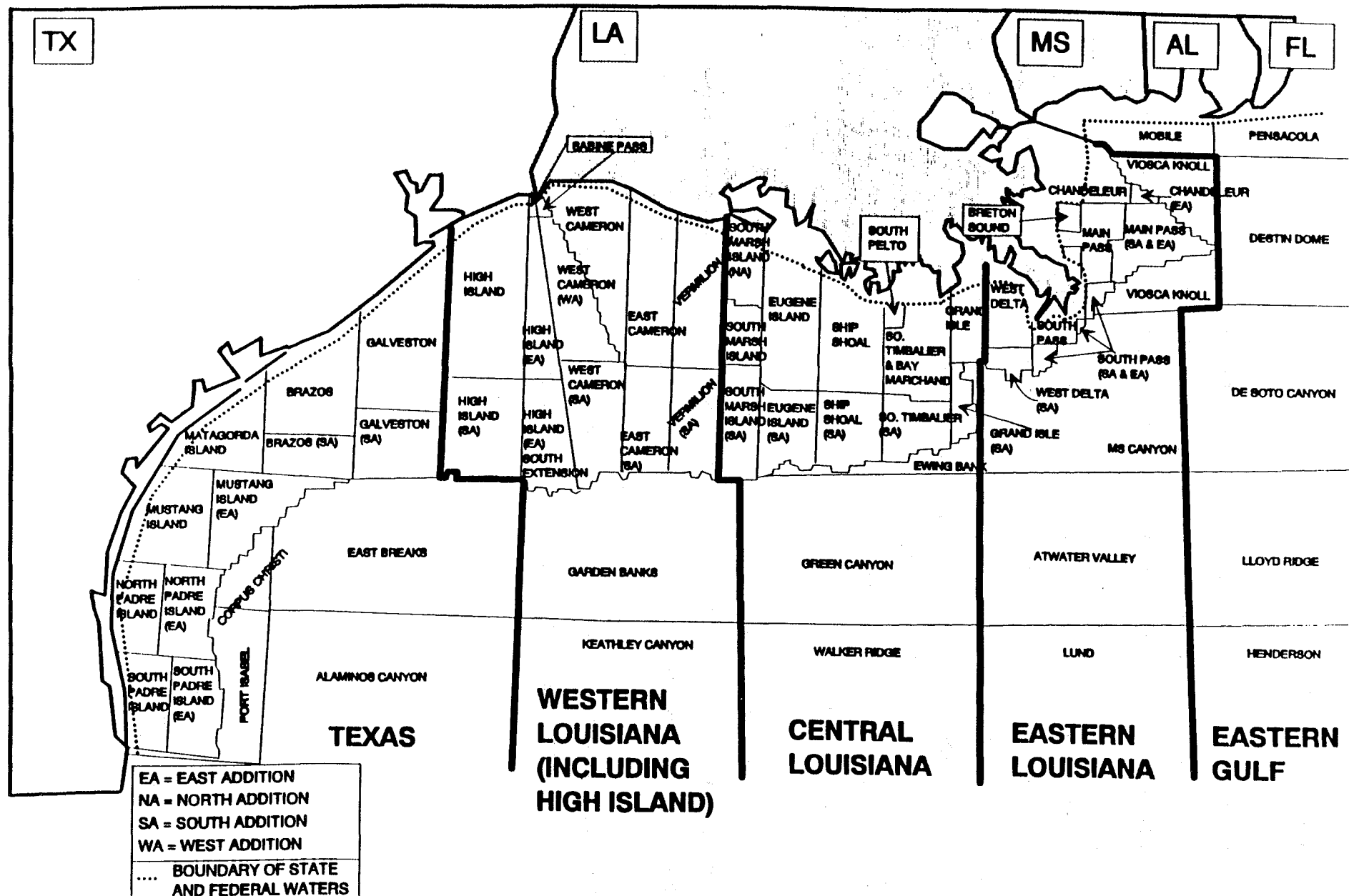


FIGURE II-1

Sources of information about Gulf of Mexico facilities include databases and reports available from the Minerals Management Service (MMS) of the U.S. Department of the Interior,¹ and the Energy Information Administration (EIA) of the U.S. Department of Energy (DOE), as well as submissions by facility owners/operators to the Federal Energy Regulatory Commission (FERC), trade press reports, annual reports to stockholders and other publicly available reports.

¹ Principal MMS sources include the report, Gulf of Mexico Update: July 1992 - June 1994, Outer Continental Shelf Oil & Gas Activities, published in 1994 (the MMS 1994 Update), and its databases of pipeline segment ownership, (the MMS Segment database) and lease ownership (the MMS Lease database).

III. GULF OF MEXICO

A. Resource Potential

The Gulf of Mexico is one of the most important natural gas supply areas in the U.S. Table III-1 compares supply statistics of the Gulf to the total Lower 48 States' gas supply.

Table III-1 U.S. NATURAL GAS SUPPLY 1994						
Producing Area	Production (Dry)		Proven Remaining Reserves		Potential Resources a/	
	Tcf	%	Tcf	%	Tcf	%
Gulf of Mexico	4,725	26.4	27.2	17.7	47.9	21.3
Other Areas	13,174	73.6	126.9	82.3	177.3	78.7
U.S. (Lower 48 States)	17,899	100.0	154.1	100.0	225.2 b/	100.0

a/ Possible likely category from the Potential Gas Committee.

b/ Excludes coal bed methane of 38.2 Tcf.

Sources: Potential Supply of Natural Gas in the United States - 1994, Potential Gas Committee and U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves 1994, EIA (DOE)

Offshore gas is produced from both oil wells (associated gas) and gas wells (non-associated gas). The table below shows the division of production and proven reserves between these type of wells.

Table III-2 PROPORTION OF GULF OF MEXICO GAS BY TYPE OF WELL			
	Associated	Non-Associated	Total
Production	13%	87%	100%
Proven Reserves	21%	79%	100%

Source: U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves 1994, EIA (DOE)

The proportion of associated gas production in the Gulf of Mexico is about the same as other Lower 48 States gas supply areas. However, the proportion of associated proven reserves in offshore areas is higher than in other areas (21 percent versus 14 percent).

Gas produced offshore may undergo preliminary separation and treatment (e.g., dehydration) on the offshore platforms, but it must ultimately be transported to shore for additional processing. Table III-3 lists a group of onshore plants that process offshore production.¹

Table III-3			
NATURAL GAS PLANTS			
Plant Name	Location	Capacity (MMcf/d)	Owner
Barracuda	Cameron Parish, LA	195	Natural Gas Clearinghouse
Blue Water	Acadia Parish, LA	950	Exxon
Cameron Meadows	Cameron Parish, LA	500	Williams/Natural Gas Clearinghouse
Garden City	Sterling Co., TX	36	Valero
Henry	Vermilion Parish, LA	860	Texaco
Lowry	Cameron Parish, LA	300	Natural Gas Clearinghouse
North Terrebonne	Terrebonne Parish, LA	1,250	Shell
Sabine Pass	Cameron Parish, LA	200	Enron
Seagull	Matagorda Co., TX	250	Tejas Power/HNG
Sea Robin	Vermilion Parish, LA	900	Texaco
Stingray	Cameron Parish, LA	300	Natural Gas Clearinghouse
Temco	Cameron Parish, LA	310	Temco
TOCA	St. Bernard Parish, LA	830	Shell
Yscloskey	St. Bernard Parish, LA	1,850	Warren (Chevron)

Source: Oil and Gas Journal, 6/12/95.

¹ In addition, a number of H₂S removal plants are located onshore, such as Mobil's plants in Mobile Co., Alabama.

The relative importance of Gulf of Mexico gas production to the U.S. total grew very rapidly from 1 to 2 percent of production in the mid 1950s to about 25 percent of supplies in 1980, and has remained at about this level ever since. As shown on Table III-1, the Gulf is the source of 26 percent of current supplies, and contains an estimated 18 percent of remaining reserves and 21 percent of the potential U.S. gas resources. Potential resources shown on the table represent the probable, possible and speculative resource estimates based on definitions developed by the Potential Gas Committee (PGC). While many areas in the Gulf of Mexico are considered to be mature areas, new and important fields continue to be discovered, especially as the continental slope and the Eastern Gulf shelf are explored further. The PGC has recently increased its speculative estimates because of exploration in the subsalt trend of offshore Texas/Louisiana.¹ The following table summarizes the PGC's minimum, likely, and maximum estimates for the three resource categories of probable, possible and speculative.

Table III-4 ESTIMATED RESOURCES OF NATURAL GAS IN THE GULF OF MEXICO OFFSHORE AREA December 31, 1994 (Bcf)									
Depth/Location	Probable			Possible			Speculative		
	Min.	Likely	Max.	Min.	Likely	Max.	Min.	Likely	Max.
<u>0-200 Meters</u>									
Eastern Gulf Shelf	900	1,900	3,700	800	4,800	16,800	200	6,600	15,100
Louisiana Shelf	3,900	10,500	12,700	4,200	16,200	27,800	550	3,750	11,250
Texas Shelf	1,600	3,300	6,100	3,100	8,350	14,000	300	1,500	4,050
<u>200-1,000 Meters</u>									
Eastern Gulf Slope	*	*	*	100	2,000	4,800	*	5,700	12,900
Louisiana Slope	400	1,400	2,500	2,500	11,500	21,200	500	3,200	9,650
Texas Slope	50	100	150	700	2,050	4,200	300	1,600	4,250
<u>Over 1,000 Meters</u>									
Gulf of Mexico	*	*	*	1,200	3,000	4,500	9,800	30,000	50,500
TOTAL	6,850	17,200	25,150	12,600	47,900	93,300	11,650	52,550	103,770

* Negligible quantity of natural gas estimated.

Source: Potential Supply of Natural Gas in the United States - 1994, Potential Gas Committee.

¹ Advancements in exploration (and production) technology have been among the most important factors contributing to subsalt and deepwater resource development. These advancements include the extended use of 3-D seismic readings, the use of semi-submersible rigs and drilling ships, construction of subsea production facilities tied to processing platforms, construction of tension-leg platforms, and improved computer technology (e.g., to adjust for distortions created by subsalt layers).

Focusing on the most likely possible category, almost two-thirds of the estimated resources are located in shallow waters (0-200 meters) and a majority of these are offshore Louisiana. Offshore Louisiana also has the greatest potential in water depths of 200-1,000 meters. Little exploratory drilling has been in the deepest waters; thus the PGC classifies these resources as speculative, totaling 30 Tcf under the likely scenario.

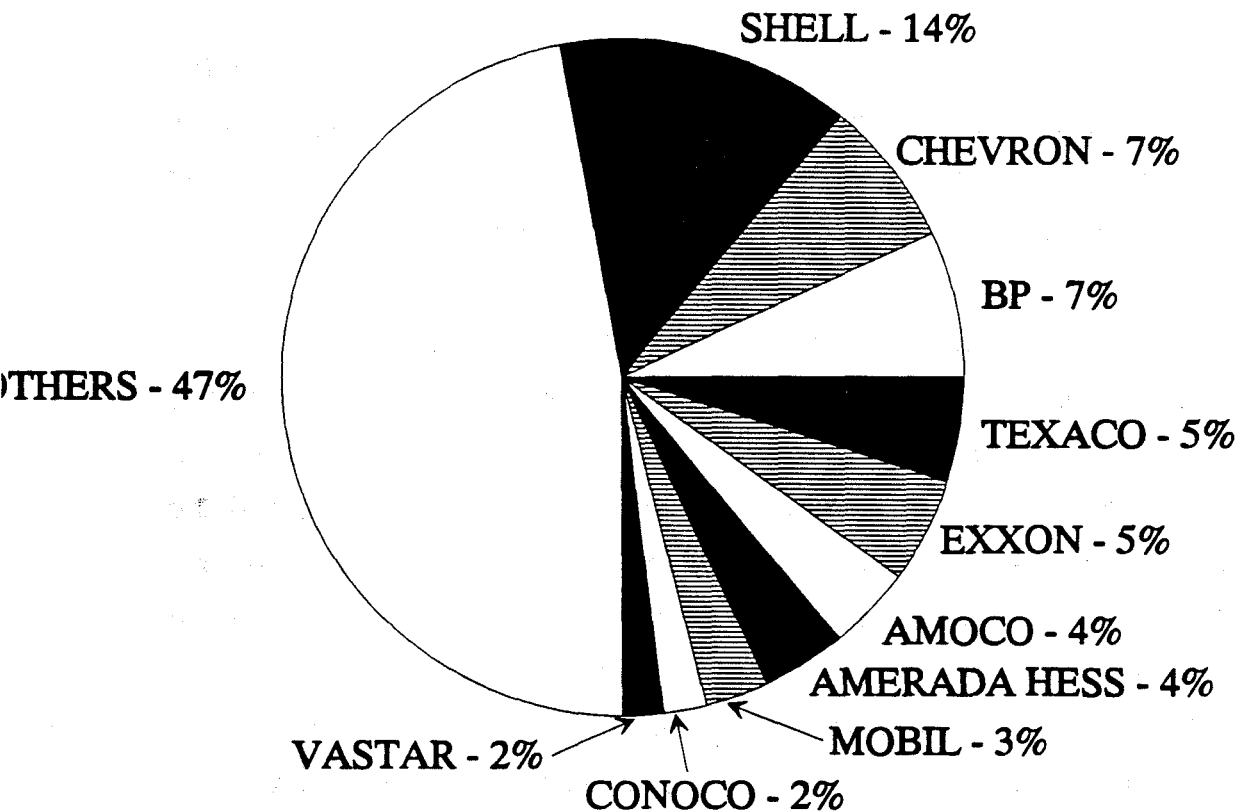
B. Gulf of Mexico Producers

While Gulf of Mexico production and lease holdings are not overly concentrated with a few large producers, these market shares exceed the U.S. average. The top 10 lease holders hold approximately 53 percent of the Gulf of Mexico acreage and the 10 largest gas producers produce 52 percent of the region's total gas production. The overall market share of the top 10 U.S. gas producers (onshore and offshore) is around 31 percent (1991 data).¹ Figures III-1 and III-2 show the largest lease holders and producers in the Gulf and their relative percentage of lease ownership and recent annual production. The largest lease holders and producers are generally the same, except for British Petroleum (BP) as a large lease holder and Unocal as a large producer.

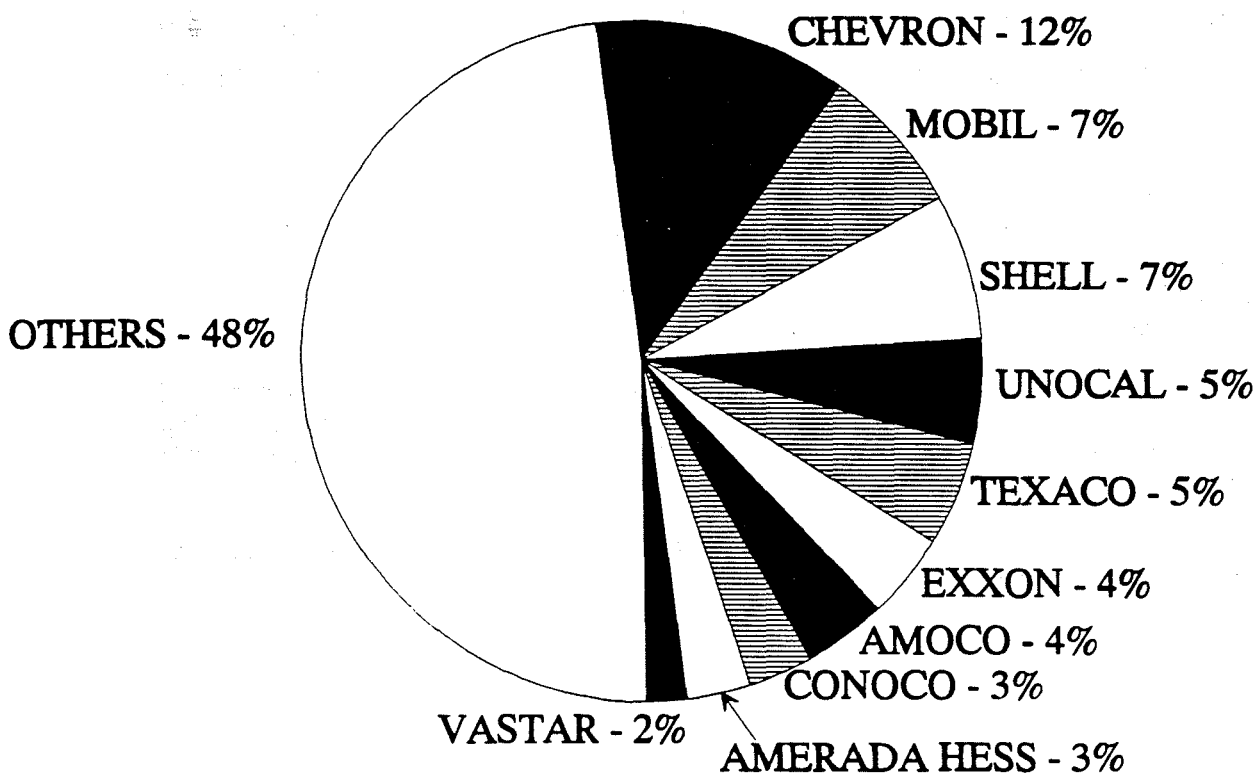
The top 10 gas producers are generally the major integrated oil companies (e.g., Shell and Chevron); however, a few are considered to be smaller independents, such as BP and Amerada Hess. Schedule 1 of Appendix B to this report provides a list of all gas producers as reported by the MMS (see Federal Offshore Statistics: 1993). In spite of the integrated oil companies' dominance in the top 10 ranking, this list indicates that independent oil companies are important producers in federal waters, producing more than one-half of the 1993 volumes.

¹ Source: API, Market Shares and Individual Company Data for U.S. Energy Markets 1950-1991.

**FIGURE III-1
GULF OF MEXICO
TOP 10 ACREAGE HOLDERS BY PERCENT OF
TOTAL ACTIVE LEASE ACREAGE 1993**



**FIGURE III-2
GULF OF MEXICO
TOP 10 NATURAL GAS PRODUCERS FOR 1993**



C. Gulf of Mexico Leasing

Leasing Gulf of Mexico lands for development is the responsibility of the MMS. The Outer Continental Shelf Lands Act (OCSLA) of 1953 requires the Secretary of the Interior to prepare five-year leasing schedules for the region.¹ The most recent draft leasing schedule, issued in July 1995, covers the 1997-2002 period.

The MMS divides the Gulf of Mexico into three planning areas: Western, Central and Eastern. Lease sales are generally conducted annually. However, because of a drilling moratorium affecting the Eastern Gulf, the lease sales in this area will only cover blocks in offshore Alabama and deepwater areas along the boundary of the Central and Eastern planning areas. Lease sales in the other Eastern Gulf areas will not occur until after 2000. Congress and the President have both imposed a moratorium on lease sales and development in the Eastern Gulf, in spite of significant natural gas discoveries in this area.^{2 3} For example, the industry estimates that the prospective target of exploration in the eastern waters (the Norphlet formation) contains 7 to 8 Tcf of undiscovered natural gas within the planning area. (Source: MMS, Outer Continental Shelf, Draft Proposed Oil and Gas Leasing Program 1997-2002, July 1995, page 36).

Section 18 of the OCSLA sets out several principles and factors to guide the MMS' leasing program, including energy need; economic, social and environmental

¹ The Outer Continental Shelf Lands Act, enacted in 1953 and amended in 1978, 1985 and 1986, charges the Secretary of the Department of the Interior with the responsibility for administering and managing mineral exploration and development of the OCS, as well as for conserving its natural resources.

² An Executive Order withdraws leases in the Eastern Planning Area, south of 26°N latitude and east of 86°W longitude. The moratoria stem from Florida's general opposition to offshore drilling within 100 miles of the state's coast. In addition to the moratorium, Florida state law prohibits oil and gas leasing, exploration and development in state waters.

³ Chevron received a permit to drill offshore Florida (Block 57) in 1995; however, the MMS imposed strict stipulations (e.g., onsite spill response boats).

values; resource potential and industry interest; benefits and risks; regional needs, fair market value and laws; and goals and policies affecting the individual states.

The MMS' leasing program has five major steps: (1) solicit comments and suggestions; (2) draft the proposed five-year program; (3) consider comments about the draft program and redraft proposed program; (4) consider comments received and prepare proposed final program for submission to the President and Congress; and (5) approve program. The sales process has several specific steps, as illustrated on Table III-5, summarizing scheduled activities associated with the Gulf of Mexico lease sales proposed earlier for the 1992-1997 period.

Table III-5 GULF OF MEXICO REGION AREA EVALUATION AND DECISION PROCESS								
Planning Area/Sale	Leasing Process Steps ^{1/}							
	I	Call	Area ID	DEIS PNS	Hearings	FEIS CD	NOS	Sale
Eastern GOM Sale 151 ^{2/}	3/	3/	3/	Mid 1994	Late 1994	Mid 1995	Late 1995	Late 1995
Central GOM Sale 152	3/	3/	3/	3/	3/	Late 1994	Early 1995	Early 1995
Central GOM Sale 157	3/	3/	Mid 1994	Early 1995	Mid 1995	Late 1995	Early 1996	Early 1996
Central GOM Sale 166	Early 1995	Early 1995	Mid 1995	Early 1996	Mid 1996	Late 1996	Early 1997	Early 1997
Western GOM Sale 150	3/	3/	3/	3/	3/	3/	Mid 1994	Mid 1994
Western GOM Sale 155	3/	3/	Mid 1994	Early 1994	Mid 1994	Late 1994	Mid 1995	Mid 1995
Western GOM Sale 161	3/	3/	Mid 1994	Early 1995	Mid 1995	Late 1995	Mid 1996	Mid 1996

1/ I = Information Base Review; Call = Call for Information and Nominations (45-day comment period); Area ID = Area Identification; DEIS = Draft Environmental Impact Statement; PNS = Proposed Notice of Sale (90-day comment period); FEIS = Final Environmental Impact Statement (30-day comment period); CD = Consistency Determination (90 days before decision on NOS); NOS = Notice of Sale.

2/ Note that Congress has determined that no funds may be spent for any leasing or preleasing activities associated with proposed Sale 151 in the Eastern Gulf of Mexico.

3/ Completed

Source MMS. 1994 Update.

D. Federal Versus State Waters

Pursuant to the OCSLA, the Gulf of Mexico is divided between federal and state waters, granting the states all rights to natural resources in submerged lands located within three nautical miles (5.6 kilometers) of the coast. However, for coastal waters of Texas and western Florida, the state jurisdiction extends further from the coastline to no more than three marine leagues (14.5 kilometers) into the Gulf of Mexico. In total, state waters contain 5 percent of the "actual submerged lands" acreage of offshore Gulf of Mexico.

The reserves of the federal waters contain the majority of the offshore production, as summarized on Table III-6.

Table III-6 GAS PRODUCTION OF STATE AND FEDERAL WATERS GULF OF MEXICO 1994 (Bcf)			
Waters	Louisiana	Texas	Total
State	153	79	232
Federal	3,350	1,276	4,626
TOTAL	3,503	1,355	4,858

Source: U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves 1994, EIA (DOE)

In total, 95 percent of Gulf of Mexico (Texas and Louisiana only) gas production occurs in federal waters, 3 percent is in Louisiana state waters, and 2 percent is in Texas state waters.¹

¹ Table III-6 summarizes offshore Texas and Louisiana areas only. The recent discoveries in the Eastern Gulf have been in the Lower Mobile Bay (state waters) and the immediately adjacent federal waters (the Norphlet trend).

As discussed in the Introduction, Foster Associates has subdivided the Gulf of Mexico into five regions (see Figure II-1) for purposes of this study. These smaller areas are more manageable than the three MMS planning areas, and they provide a better market orientation.¹ Table III-7 summarizes the production, reserves, producing leases and wells in these regions over the 1992-1994 period.

Table III-7 GAS SUPPLY DATA BY REGION 1994					
Region	Pro- duction (%)	Proven Remaining Reserves (%)	No. of Producing Leases	No. of Wells Drilled (1992 - 1994)	
				Explor- ation	Develop- ment
Eastern Louisiana	9.3	13.5%	378	112	233
Central Louisiana	38.8	36.9	666	191	371
Western Louisiana	34.9	29.5	597	201	194
Texas	15.5	14.9	226	73	69
Eastern Gulf	1.5	5.2	52	10	3
TOTAL	100.0	100.0	1,919	587	870

Source: MMS, 1994 Update and Federal Offshore Statistics: 1993 and Foster Associates, Inc.

Since the mid 1950s, the MMS has leased about 26 million acres in the Gulf of Mexico. The largest proportion of the acreage leased over the past 10 to 15 years has yet to be developed. In fact, as shown on Table III-8, of the 4,966 active offshore leases, only 1,919 (39 percent) are currently producing.²

¹ The MMS has three Gulf of Mexico planning areas: Western (includes offshore Texas and Western Louisiana), Central (includes Central Louisiana) and Eastern (includes Eastern Louisiana and offshore Mississippi, Alabama, and Florida).

² EIA reports about 12 Tcf of proven reserves in non-producing Gulf of Mexico reservoirs. These are non-producing because of operational reasons – waiting for well workovers, drilling additional wells, installing production or pipeline facilities.

Table III-8			
STATUS OF ACTIVE LEASES IN THE GULF OF MEXICO			
Region	Number of Leases		
	Producing	Non-Producing	Total
Eastern Louisiana	378	787	1,165
Central Louisiana	666	783	1,449
Western Louisiana	597	881	1,478
Texas	226	478	704
Eastern Gulf	52	118	170
TOTAL	1,919	3,047	4,966

Source: MMS, Lease database

The two regions with the highest proportion of producing leases are Central Louisiana and Western Louisiana. Eastern Louisiana, Texas and the Eastern Gulf each have more than two-thirds of active leases in the non-producing category.

Compared to U.S. reserves in the aggregate, the Gulf of Mexico areas have a significantly higher proportion of the productive capacity as "unconnected capacity," according to the Natural Gas Supply Association (see Natural Gas Field Deliveries and Productive Capacity as of January 1, 1995). Offshore unconnected capacity represents 8.8 percent of total capacity, compared with only 1.2 percent of capacity for Lower 48 States areas.

E. Gas Supply Data -- by Area

Supply data for the MMS' three planning areas are shown on Table III-9.

Table III-9 GULF OF MEXICO WELLS AND PRODUCTION PLATFORMS 1993				
	Western	Central	Eastern	Total
No. of Gas Wells Active	902	2,367	NA	3,269
Number of Production Facilities	480	3,277	NA	3,757 a/

a/ Distribution of Facilities:

Miles from Shore	Facilities	Meters Deep	Facilities
0-20	1,920	0-50	3,126
21-40	980	51-100	548
41-60	338	101-200	61
61-80	235	201-500	18
81-100	173	501-900	2
Over 100	111	Over 900	2

Source: MMS, Federal Offshore Statistics: 1993

In total, there are 3,269 active wells and 4,102 shut-in wells in the Gulf of Mexico. Central Louisiana is the focus of the majority of the current development and production activity in the Gulf.

As shown in the table's footnote, of the total 3,757 production platforms in the Gulf, over half of these are located within 20 miles of the coast. Eighty percent of these production facilities are in shallow waters (i.e., depths of 0 to 50 meters), while two facilities are in deep waters (i.e., depths greater than 900 meters).

Three major interest areas in the Gulf of Mexico are deepwater plays, Eastern Gulf reserves and subsalt drilling.

Major deepwater projects are underway in several areas. Deepwater gas production commenced in 1994 when Shell installed its tension leg platform in the Auger Project in Garden Banks (Block 426) at a water depth of 953 meters. Shell's Mars Project (Mississippi Canyon Block 807) also includes a tension leg platform in deep water. Several other notable projects are listed on Table III-10.

Table III-10 DEEPWATER PROJECTS IN THE GULF OF MEXICO				
Project Name	Company	Location	Water Depth (Meters)	Startup Date
Zinc/Alabaster	Exxon	Mississippi Canyon 411 and 400	500	1993
Oryx 1, 2 & 3	Oryx	Mississippi Canyon 400, 401 and 445	450-700	1993
Tahoe	Shell	Viosca Knoll 783	483	1993/94
Pompano	BP	Viosca Knoll 989 and 990 and Mississippi Canyon 23, 28 and 72	430	1994
Auger	Shell	Garden Banks 426	953	1994
Cooper	Enserch	Garden Banks 388	700	1995
Popeye	Shell	Green Canyon 116	773	1995
Mars	Shell/BP	Mississippi Canyon 807	978	1996
Neptune	Oryx	Viosca Knoll 826	667	1997
Mensa	Shell	Mississippi Canyon	1,800	1997
Ram-Powell	Shell, Exxon, Amoco	Viosca Knoll 956 (8 blocks)	1,060	1997
Fuji	Texaco	Green Canyon 506	1,414	1998
Gemini	Texaco	Mississippi Canyon 292	1,133	1998

Source: Energy Ventures Analysis, Inc.

The eastern Gulf of Mexico discoveries have been particularly significant in the Mobile Bay area in both state and federal waters. One promising area is the Norphlet trend, estimated to contain 7 to 8 Tcf of recoverable reserves.

Finally, the subsalt trend of the Gulf may offer enormous promise in light of recent drilling successes. The subsalt trend covers more than 36,000 square miles in

water depths from 100 to 700 meters. This trend extends from the Eastern Louisiana region (e.g., Mississippi Canyon) to offshore Texas (e.g. East Breaks). Most deep water areas have this layer of underwater salt, causing distorted seismic readings and other problems that make exploration efforts difficult. Phillips (e.g., Mahogany Prospect in the Ship Shoal area) and others have proven that subsalt drilling technology (e.g., the use of improved computer technology and 3-D seismic equipment) may allow potential resource development that at one time was not possible in a wide area of the Gulf .

IV. GULF OF MEXICO PIPELINES

A. Offshore Pipelines by Location and Size

About 130 companies operate pipelines in the Gulf of Mexico state and federal waters to bring offshore gas onshore for processing and delivery to markets. Schedules 2 and 3 in Appendix B to this report summarize pipeline mileage for those operating in federal and state waters, respectively. Schedule 4 lists segment detail¹ for pipelines operating in federal waters, and Schedule 5 shows similar data for pipelines operating in state waters. For both groups, we list the owner/operator, area of origin, destination, pipeline length, diameter, status and (for federal water pipelines) type of pipeline (e.g., gas or gas/oil). The primary source for the offshore federal pipeline information is the MMS Segment database. Foster Associates has updated this information for recent name and ownership changes announced in the trade press, as well as for a number of newly announced projects (e.g., Shell's Mississippi Canyon project). The state offshore pipeline data were compiled by Foster Associates using maps, annual reports to stockholders, and various other publicly available sources.

The Gulf of Mexico has an estimated 14,773 miles of active gas pipelines in state and federal waters. In addition, there are proposed and abandoned facilities, as shown on Table IV-1.

¹ A segment is defined as a contiguous line of one diameter.

Table IV-1		
SUMMARY OF PIPELINE MILEAGE STATUS		
Status	Miles	Percentage
Active		
Federal	13,386	78.9%
State	<u>1,387</u>	<u>8.2%</u>
Total	14,773	87.1%
Proposed	775	4.6%
Abandoned a/	1,415	8.3%
TOTAL	16,963	100.0%

a/ Federal only.

Source: Appendix B, Schedules 2 and 3

Of the active mileage in state waters, many miles represent offshore pipelines originating in federal waters but traversing state waters to reach onshore points. However, some of these pipelines gather gas from state waters as well, including Southern Natural Gas, Florida Gas Transmission and Tennessee Gas Pipeline.

Table IV-2 summarizes the distribution of the pipeline mileage in each region.

Table IV-2			
SUMMARY OF ACTIVE OFFSHORE PIPELINE MILEAGE			
Region	Federal	State	TOTAL
Mileage			
Eastern Louisiana	2,047	162	2,209
Central Louisiana	4,617	215	4,832
Western Louisiana	5,094	177	5,271
Texas	1,511	772	2,283
Eastern Gulf	<u>117</u>	<u>61</u>	<u>178</u>
Total	13,386	1,387	14,773
Proportion			
Eastern Louisiana	13.9%	1.1%	15.0%
Central Louisiana	31.3%	1.5%	32.7%
Western Louisiana	34.4%	1.2%	35.6%
Texas	10.2%	5.2%	15.5%
Eastern Gulf	<u>0.8%</u>	<u>0.4%</u>	<u>1.2%</u>
Total	90.6%	9.4%	100.0%

NOTE: Totals may not compute due to independent rounding of components.

Source: MMS, Segment database and Foster Associates, Inc.

Western and Central Louisiana federal waters have more mileage than the other regions, 35 and 31 percent, respectively. These mileage percentages are fairly consistent with these regions' relative proportion of producing leases in federal waters -- 31 and 35 percent, respectively. State water pipeline mileage in offshore Texas and in the Eastern Gulf is relatively high (compared to federal water mileage), perhaps reflecting the wider boundary distance between the shore and the start of the federal waters for these states. Also, some of the long pipelines in Texas state waters run parallel to the coast for considerable distances.

Offshore pipeline size (diameter) ranges from very small lines (e.g., 2 inches) connected to individual leases to large diameter lines generally transporting gas to onshore points. Table IV-3 presents the distribution of the pipeline mileage in the Gulf of Mexico by pipe diameter.

Table IV-3					
OFFSHORE PIPELINE MILEAGE BY DIAMETER (Active Pipelines)					
Waters	Diameter (Inches)				
	<9	9 - 18	19 - 27	>27	Total
State	28.0%	36.7%	30.5%	4.8%	100%
Federal	41.1%	32.7%	17.1%	9.1%	100%
Total	39.9%	33.1%	18.3%	8.7%	100%

Source: MMS, Segment database and Foster Associates, Inc.

On a mileage basis, relatively small diameter pipe (2- to 8-inch) makes up 40 percent of offshore pipeline mileage while large diameter pipe (over 18 inches) makes up just over one-quarter of the mileage, of which 9 percent is greater than 27 inches in diameter. State water pipelines have a larger proportion of large diameter pipe, i.e.,

35 percent with diameter of over 18 inches. A primary reason for this is the larger diameter pipes from federal waters that traverse state waters to reach onshore points.

Different types of pipelines operate in offshore waters -- some transport only gas and others transport gas and liquids. Table IV-4 summarizes the regional proportions of gas and gas/liquids (condensates and oil) pipeline mileage in federal waters.

Table IV-4 FEDERAL OFFSHORE PIPELINE MILEAGE BY TYPE OF PIPELINE			
Region	Gas a/	Gas/Liquids b/	Total
Eastern Louisiana	85.5%	14.5%	100%
Central Louisiana	80.0	20.0	100
Western Louisiana	83.6	16.4	100
Texas	60.8	39.1	100
Eastern Gulf	73.5	26.5	100
Total	80.1	19.9	100

a/ Includes "BLKG" segments defined as gas stream (pipeline) prior to processing. The category is 20 percent of the total.

b/ Condensates and oil.

Source: MMS Segment database

As expected, the percentage of total pipeline mileage represented by gas/liquids facilities (19.9 percent) is fairly close to the proportion of offshore associated gas supply (13 percent). In addition to these supplies, the MMS designates a number of the gas pipeline segments as "BLKG," defined as "Full Well Stream Production From Gas Well(s) Prior to Processing." In the aggregate, these segments represent 20 percent of the total offshore mileage. Oil companies own two-thirds of the gas/liquids facilities and almost all of the "BLKG" lines.

B. Offshore Pipeline Ownership

The 20 largest offshore pipeline owners/operators identified on Table IV-5 own 71 percent of the mileage in federal waters.¹ Figure IV-1 shows the ownership proportions of the 10 largest pipeline owners/operators. In the aggregate, the 10 largest companies own 53 percent of the mileage. Two are producers and eight are interstate pipelines. Six producers and four interstate pipelines are in the second ownership tier.

¹ A number of pipelines are jointly owned. If the pipeline is operated by one of the owners, the mileage is tabulated with the pipeline operator. If the pipeline is self-operated, it is tabulated as a stand-alone pipeline.

Table IV-5		
LARGEST GULF OF MEXICO PIPELINE OWNERS FEDERAL WATERS AND ACTIVE PIPELINES ONLY		
Company	Mileage	Percent
Transcontinental	1,560	11.7
Tennessee	1,141	8.5
Southern a/	862	6.4
Chevron	761	5.7
ANR	675	5.0
Texas Eastern	588	4.4
Columbia Gulf	406	3.0
Trunkline	402	3.0
Enron e/	330	2.5
Shell	320	2.4
Stingray b/	318	2.4
Koch Gateway	279	2.1
Exxon	275	2.1
Apache	243	1.8
Pennzoil	243	1.8
Unocal	238	1.8
Texaco	231	1.7
Mobil	227	1.7
High Island c/	204	1.5
Natural	192	1.4
Top 20 Subtotal	9,495	70.9
Others d/	3,891	29.1
TOTAL	13,386	100.0

a/ Includes Sea Robin.

b/ Owned by Natural and Leviathan.

c/ Owned by ANR, Natural and Leviathan.

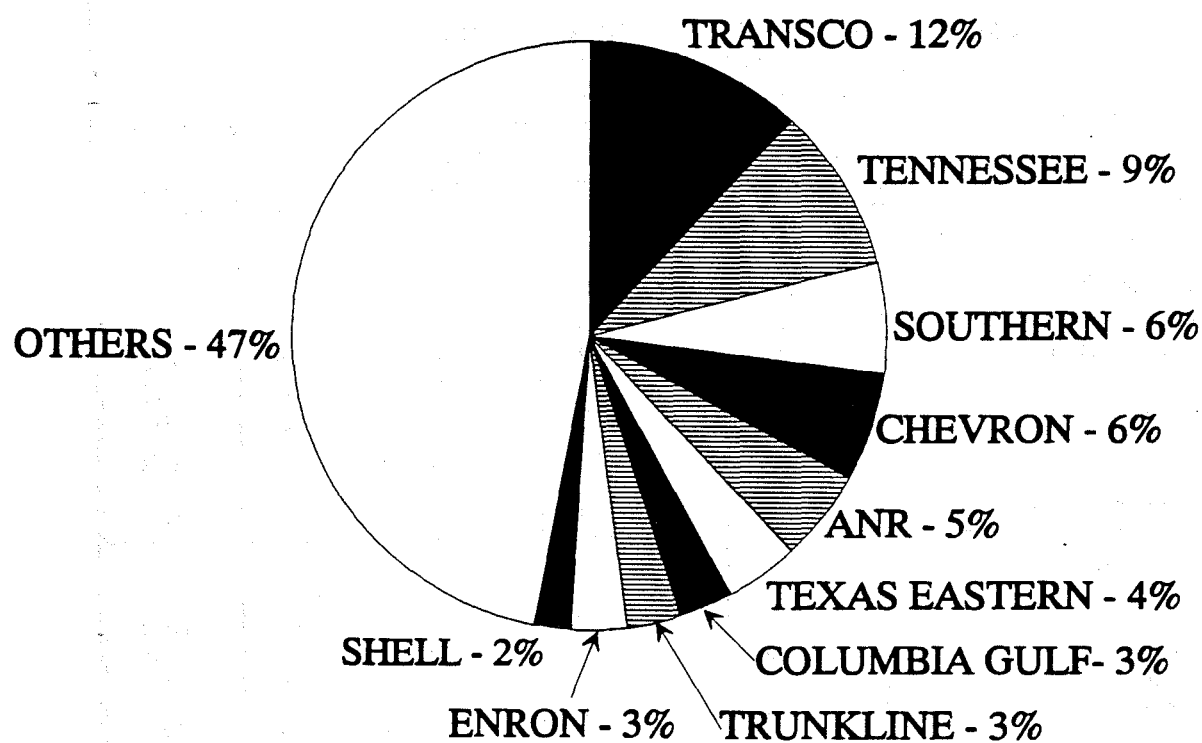
d/ 114 companies.

e/ Includes Northern Natural, Florida Gas Transmission, Houston Pipe Line, Black Marlin and Enron's own facilities.

NOTE: Totals may not compute due to independent rounding of components.

Source: MMS, Segment database.

FIGURE IV-1
TOP 10 OFFSHORE PIPELINES BY MILEAGE
(FEDERAL WATERS)



The concentration of pipeline ownership (e.g., the top 10 companies hold 53 percent) is consistent with market concentration of production in the Gulf. As shown earlier in Figures III-1 and III-2, the top 10 producers represent 52 percent of the area's production and the top 10 leaseholders control 53 percent of active leases.

Table IV-6 shows the distribution of offshore (federal and state) pipeline mileage by type of owner.

Table IV-6					
SUMMARY OF PIPELINE OWNERSHIP/OPERATION BY LOCATION AND DIAMETER (Percentage Distribution)					
	Interstate Pipelines	Major Producers	Indepen- dents	Pipeline Affiliates	TOTAL
A. Pipeline Location (by origin)					
Eastern Louisiana	32%	31%	32%	5%	100%
Central Louisiana	54	23	22	1	100
Western Louisiana	60	12	22	6	100
Texas	39	7	46	8	100
Eastern Gulf	10	46	21	23	100
State Waters	<u>44</u>	<u>18</u>	<u>35</u>	<u>3</u>	<u>100</u>
TOTAL OWNERSHIP	50	19	27	4	100
B. Pipeline Diameter					
<9 inches	16%	30%	50%	4%	100%
9-18 inches	63	14	18	5	100
19-27 inches	79	8	9	4	100
>27 inches	<u>99</u>	<u>1</u>	<u>-</u>	<u>-</u>	<u>100</u>
TOTAL OWNERSHIP	50	19	27	4	100

Source: MMS, Segment database and Foster Associates, Inc.

Interstate pipelines own about half of the offshore mileage (including state waters), primarily in the Central and Western Louisiana regions. Pipeline affiliates own and operate facilities primarily in Texas and Western Louisiana, representing about 4 percent of the total mileage. To some extent, this ownership reflects interstate

pipelines' spindowns of gathering lines, as a result of service unbundling and restructuring pursuant to FERC's Order No. 636. Selected examples of recent spindowns of offshore gathering lines and spinoffs of such facilities to independent third parties are offered on Table IV-7.¹ (For discussion of FERC's criteria for declaration of gathering lines, see Offshore Pipeline Regulation, section D.)

Table IV-7					
SUMMARY OF MAJOR SPINOFFS AND SPINDOWNS OF INTERSTATE PIPELINES' OFFSHORE GATHERING SYSTEMS a/					
Pipeline	Region	Spinoff		Spindown	
		Miles	Diameter (Inches)	Miles	Diameter (Inches)
CNG	Central LA	—	—	16	2-8"
	Central LA	—	—	12	9-17
	Western LA	6	<6"	18	9-17
	Western LA	16	12 - 16	—	—
	Total	22	6 - 16	46	2 - 17
El Paso	Western LA	—	—	2	8
	Western LA	—	—	20	16 - 20
	Total	—	—	22	8 - 20
Northern Natural a/	Texas b/	—	—	107	10 - 24
	Texas b/	—	—	2	2 - 8
	Total	—	—	109	2 - 24
Panhandle Eastern	Western LA	15	NA	—	—
Tennessee	Central LA	6	9	—	—
	Western LA	2	6 - 10	—	—
	Total	8	6 - 10	—	—
Texas Eastern	Central LA	5	8	—	—
	Central LA	5	12	—	—
	Total	10	8 - 12	—	—

a/ Includes partially owned facilities.

b/ Pending Commission approval. Includes certain facilities located onshore.

Source: Foster Associates, FERC filings, and trade press articles.

¹ Spindown occurs when an interstate pipeline transfers facilities to non-regulated affiliates. Spinoff occurs when facilities are sold to an independent company.

The major integrated oil companies own 19 percent of the total mileage and independent producers own 27 percent, for a total producer share of 46 percent. The major producers are concentrated (in terms of mileage) in Eastern Louisiana, while the independent producers own facilities in Eastern Louisiana as well as Texas. In fact, independents own almost half of the offshore Texas mileage (federal waters). Producers own the vast majority of the pipelines in the newer Eastern Gulf areas.

C. Recent Pipeline Activity

Since 1990, 2,775 miles of gas pipelines have been constructed in federal offshore waters. Stated otherwise, over 20 percent of the active offshore pipelines have been constructed in the past five years. Construction activities have focused particularly on the Eastern Gulf and the Eastern Louisiana regions. Independent gas producers have been the primary owners of these new pipelines:

Table IV-8 SUMMARY OF OFFSHORE PIPELINES CONSTRUCTED BETWEEN 1990 AND 1995 BY OWNERSHIP TYPE	
Interstate pipelines	18%
Major oil companies	21%
Independents	57%
Pipeline affiliates	4%
TOTAL	100%

About 775 miles of new pipelines are currently proposed and/or under construction in the Gulf of Mexico. As shown on Table IV-9, a majority of the proposed mileage will be owned by gas producers and/or independent (non-integrated) companies rather than interstate pipelines.

Table IV-9 SUMMARY OF PROPOSED OFFSHORE PIPELINES BY OWNERSHIP TYPE		
Category	Mileage	Percent
Interstate Pipelines	48	6
Major Oil Companies	303	39
Independents	391	51
Pipeline Affiliates	33	4
Total	775	100

Source: MMS, Segment database and Foster Associates, Inc.

Although these new lines are being planned throughout the offshore area, the greatest concentration occurs in offshore Louisiana waters:

Eastern Louisiana	33%
Central Louisiana	22
Western Louisiana	30
Texas	7
Eastern Gulf	<u>8</u>
	100%

Several large-diameter projects are underway or have been constructed recently in the Gulf.¹

- ◆ Main Pass Gathering Co. (a partnership between Centana Gathering and CNG Main Pass Gathering) recently began constructing a 30-mile, 20-inch pipeline and a 5-mile, 12-inch pipeline from the Main Pass area to interconnect with Texas Eastern; in addition there will be a 17-mile, 8-inch line from the Main Pass area to the Viosca Knoll area.

¹ Greater details pertaining to a number of projects are included in Appendix A.

- ◆ Dauphin Island Gathering System is a partnership between OEDC, Enron Gas Gathering and Tenneco. It has recently (1994/95) constructed 70 miles of pipe from the Viosca Knoll area to Mobile Bay and Alabama state waters, to add to its existing 22-mile system offshore. Construction included the following:
 - 24 miles of 20-inch diameter line
 - 39 miles of 12-inch diameter line
 - 7 miles of 8-inch diameter line
 - 70 miles

- ◆ EP Operating is constructing a new 54-mile, 12-inch diameter line extending from Garden Banks to the Eugene Island area.

- ◆ Shell's Mississippi Canyon Gathering System is a proposed three-segment pipeline extending from new deepwater projects in the Mississippi Canyon area to the West Delta area and to the Venice processing plant onshore. Total system mileage is
 - 45 miles of 30-inch diameter line
 - 45 miles of 14-inch diameter line
 - 68 miles of 12-inch diameter line
 - 158 miles

- ◆ Viosca Knoll Gathering System (jointly owned by Leviathan and Tenneco) is a 95-mile, 20-inch diameter project from the Main Pass area to interconnect with Tennessee in the South Pass area. This project went into service in November 1994. The project also has a 6-mile, 16-inch diameter proposed lateral from Viosca Knoll to interconnect with Southern in the Main Pass area.

D. Offshore Pipeline Regulation

Regulatory authority over offshore pipelines is vested in several agencies:

- ◆ The MMS has the responsibility to award permits to pipelines that transport gas and other products across the OCS. The approval process covers design, fabrication and installation plans, as well as the granting of rights-of-way for the pipeline and accessory structures. Section 5(e) of the OCSLA states that pipelines with approved permits operate in accordance with competitive principles, except when FERC has exempted a pipeline "which feeds into a facility where oil and gas are first separated, dehydrated, or otherwise processed" (Sec. 5(h)(2)). These competitive principles include open and nondiscriminatory access to both owner and nonowner shippers, and the requirement to expand capacity after FERC finds economic feasibility and that expansion is within technological limits.

Although Section 5(e) of the OCSLA grants "rights-of-way" responsibility to the MMS, it also requires consultation with the Secretary of Transportation to assure environmental protection and safety. This provision also requires that gas (and oil) be transported without discrimination, pursuant to FERC standards.

- ◆ The U.S. Department of Transportation enforces pipeline safety regulations for onshore and offshore transportation of oil and gas. Such responsibility includes review of pipeline permit applications and construction plans and review of accident reports.¹

¹ In addition, the U.S. Army Corps of Engineers is responsible for pipeline structures placed within navigable waters.

- ◆ State authority over pipelines operating in state waters is generally restricted to public utilities and safety issues. In Texas, although rates between intrastate pipelines and large customers are required to be on file with the Railroad Commission, they are deemed "just and reasonable" if no complaints are filed and they meet one of three criteria: (1) neither party has an unfair advantage; (2) rates are substantially the same for similar services; or (3) services are provided in a competitive market. The Railroad Commission has no jurisdiction to require a pipeline to provide service to a third party. In Louisiana, the Public Service Commission has no authority over intrastate pipelines' service to large customers. The Conservation Commission does have jurisdiction over pipeline safety and the prevention of waste. Alabama's Public Service Commission's regulations focus on distributors. Rates and tariffs of intrastate pipelines are not on file with the Commission; however, the Commission Staff reviews transportation contracts and construction schedules and plans of the intrastate pipelines.
- ◆ FERC's regulatory authority over interstate pipelines stems from the Natural Gas Act (NGA) and the OCSLA. Interstate pipelines that have not been declared non-jurisdictional via the gathering exception of the NGA (Section 1(b)) must obtain a certificate of public convenience and necessity to construct, acquire, extend, operate and/or abandon facilities. Applications for such a certificate must include maps and diagrams, legal name and type of business, proposed service, product description and appropriate economic/cost information and data.

Jurisdictional offshore interstate pipelines are also subject to FERC rate regulation under Sections 4 and 5 of the NGA. The important rate criteria under these sections include the "just and reasonable" standard and prohibition against undue preference. The Commission has generally

followed a cost of service (revenue requirement) procedure in establishing these rates. Interstate pipelines' offshore transportation rates on file at FERC cover both gathering and transmission services. Firm and interruptible services are being offered. Firm rates are generally designed on a straight fixed-variable (SFV) cost allocation basis.

Even when FERC has allowed a transfer of a gathering facility to a pipeline affiliate (spindown), the Commission has retained certain authority to address potential affiliate abuses. For instance, there must be nondiscriminatory access and nonpreferential treatment, and FERC prohibits tying of pipeline transportation service to any service by, on behalf of, or involving the pipeline's gathering affiliate.

Another condition imposed by FERC, applicable to both spindowns of gathering facilities to affiliates and sales to nonaffiliates (spinoff), requires successors to demonstrate that existing customers served by the gathering facilities have been offered an opportunity to continue service under acceptable terms, conditions and rates for a two-year period.

There are two important distinctions between a FERC jurisdictional pipeline and a non-jurisdictional pipeline. In the first place, a jurisdictional pipeline must receive a certificate of public convenience and necessity from the FERC prior to commencing service. A non-jurisdictional pipeline does not need such a certificate. And secondly, jurisdictional pipelines are subject to rate regulation by the Commission, while non-jurisdictional pipelines are free to negotiate rates with their customers. Both types of pipelines have to receive construction permits from the MMS and they have to abide by the open access and non-discriminatory requirements of the OCSLA, unless exempted by the FERC.

As stated above, the NGA Section 1(b) exempts gathering activities and facilities from FERC's jurisdiction. Currently, about half of all offshore pipelines are operating under non-jurisdictional status resulting from (1) a successful petition to the FERC for disclaimer of jurisdiction, (2) presumption by the pipeline owner of this status, or (3) the smallest category, spindowns and spinoffs (see above).

The Commission uses several criteria in its "Modified Primary Function" test to determine if the activities and facilities are gathering and thereby non-jurisdictional:

Physical and Geographical

- Length & diameter of the line
- Extension beyond the central point of the field
- Line's geographic configuration
- Location of compressors and processing plants
- Location of wells along the line
- Operating pressure
- Proposed location and operation of the facility

Non-Physical

- General business of the owner
- Whether jurisdictional determination is consistent with NGA and NGPA

These criteria are generally applied to both onshore and offshore gathering facility determination. However, in an Amerada Hess case¹ the Commission modified its "primary function" test to recognize the changing technology and geography of offshore production areas (e.g., moving of activities and facilities farther offshore). As a result, the Commission has allowed longer pipeline distances and larger diameter offshore facilities to be classified as gatherers.

¹ 52 FERC ¶ 61,268 (1990).

In addition to this increased length and diameter, the existence of compressors and processing plants has generally not precluded offshore pipelines from being classified as gatherers. Gas plants that process (e.g., extract liquids from) offshore production are generally located onshore. Some of the more important plants, generally owned by vertically integrated oil companies, were listed earlier in Table III-3.

Similar to plants that process offshore production, most compressor stations are located onshore with some horsepower owned by producers and pipelines located offshore on production platforms. Offshore pipelines generally rely on well pressure to achieve necessary compression, although there are exceptions. Just 49 offshore interstate pipeline compressors have been identified, of which 20 are transportation compressors and 29 are small field compressors.

The "Modified Primary Function" test is applied by the Commission in assessing jurisdictional status of facilities. Within the past few years, numerous companies have filed for non-jurisdictional status, and many of the requests have been for relatively large diameter pipelines, e.g., Blue Dolphin and Viosca Knoll Gathering.

Therefore, not all large diameter offshore pipelines are under FERC jurisdiction as interstate pipelines. Table IV-10 lists over 760 miles of non-jurisdictional lines with diameters varying from 20 to 30 inches. These large diameter lines include state water facilities and several proposed new lines, e.g., Shell.

Table IV-10				
LARGE DIAMETER* NON-JURISDICTIONAL PIPELINES				
Owner/Operator	Location	Length (Miles)	No. of Segments	Diameter
Amerada Hess	W. Cameron (WLA)	4	1	20"
Amoco	Vermilion (WLA)	6	2	20"
	Vermilion (WLA - State)	4	1	20"
Blue Dolphin	Galveston (TX)	38 a/	2	20"
Centana (Proposed)	Main Pass (ELA)	30	1	20"
	Main Pass/Viosca Knoll (ELA)	17	1	20"
Chevron	West Delta (ELA)	25	6	20-26"
	West Delta (ELA - State)	9	3	20-26"
	S. Timbalier (CLA)	127	6	20-26"
CNG Producing	High Island (WLA)	7	1	20"
	E. Cameron (WLA)	5	1	20"
Dauphin Island	Mobile Bay & Alabama State Waters (Eastern Gulf)	35 b/	5	20"
Exxon & Hunt	Mobile Bay (State)	35	4	28"
Flores & Rucks	South Pass (ELA)	2	1	20"
HPL	South Padre Island (TX - State)	59	1	20"
	Matagorda Island (TX - State)	9	1	20"
Leviathan	S. Timbalier (CLA)	18	1	24"
	S. Marsh Island (CLA)	25	1	20"
L.I.G.C.	Bay Marchand (CLA - State)	2	1	24"
Matagorda Offshore PL System	Matagorda Island (TX - State)	11	1	24"
Mobil	Mobile Bay (Eastern Gulf)	10	1	20"
	Mobile Bay (State)	0.5	1	20"
Mustang Island Gathering Sys.	Mustang Island (TX - State)	10	1	20"
Shell Shell (Proposed)	Ship Shoal (CLA)	4	1	22"
	West Delta (ELA)	45	1	30"
Tejas Power (Cavallo)	Matagorda Island (TX - State)	9	1	20"
Tejas Power (Seagull)	Matagorda Island (TX - State)	37	2	24"
	Brazos (TX - State)	2	1	20"
	Galveston (TX - State)	30	1	20"
Texaco	S. Marsh Island (CLA)	5	1	30"
	S. Marsh Island (CLA - State)	25	2	20-30"
	Eugene Island (CLA - State)	11	1	24"
Tomcat	Matagorda Island (TX - State)	11	1	20"
Viosca Knoll	Viosca Knoll/Main Pass (ELA)	95	1	20"
Total		762.5	57	20-30"

* 20" or larger

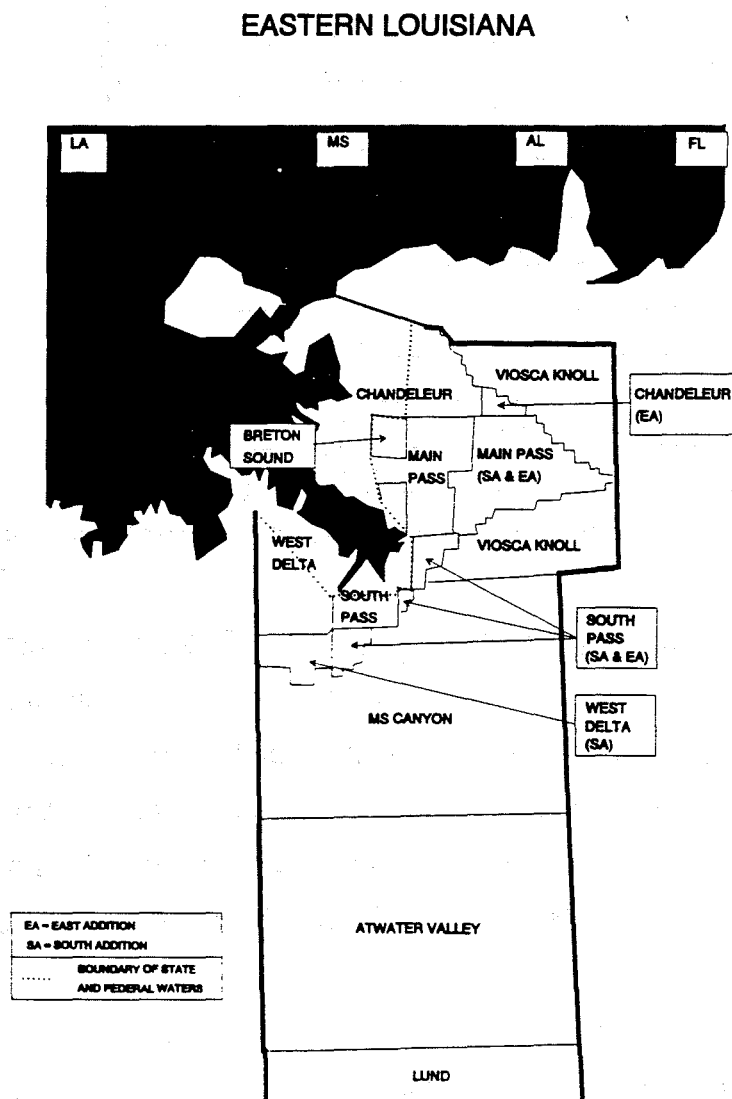
a/ Includes state waters (15 miles)

b/ Includes 24 miles of newly constructed lines.

Source: MMS, Segment database and Foster Associates, Inc.

V. EASTERN LOUISIANA REGION

The map below depicts Foster Associates' Eastern Louisiana region.



This region produces 9 percent of the Gulf of Mexico's production and has 13 percent of the remaining recoverable reserves. It consists of eight major areas (including additions) and supply characteristics of each are presented in Table V-1.

Table V-1				
GAS SUPPLY DATA FOR EASTERN LOUISIANA 1994				
Area	Pro- duction (%)	Proven Remaining Reserves (Bcf)	No. of Wells Drilled (1992 - 1994)	
			Explor- ation	Develop- ment
West Delta	26.5	557	18	54
South Pass	27.4	899	11	65
Mississippi Canyon	0.8	1,000	17	39
Main Pass	40.3	971	55	60
Chandeleur	1.9	500	1	2
Breton Sound	3.1	NA	0	0
Viosca Knoll	NA	NA	10	13
Atwater Valley	NA	NA	NA	NA
TOTAL	100.0	3,927	112	233

Source: MMS, 1994 Update and Federal Offshore Statistics 1993, and Foster Associates, Inc.

The Main Pass area had the greatest production in 1994 and the highest level of drilling activity in 1992-94. While the Mississippi Canyon area represents less than 1 percent of the current gas production, this deepwater area has 25 percent of the total discovered reserves. As will be discussed, much of the deepwater drilling for both exploration and development purposes is being conducted in the area, and as a result, there are several new pipeline projects (e.g., Shell's Mississippi Canyon project).

One measure of potential development in Eastern Louisiana is the number of acquired leases and whether they are producing or not. As shown on the following table, only about one-third of the leases acquired in this area are currently under production.

Table V-2			
STATUS OF ACTIVE EASTERN LOUISIANA LEASES			
Area	Number of Leases		
	Producing	Non-Producing	Total
Atwater Valley	5	125	130
Breton Sound	7	3	10
Chandeleur	12	5	17
Main Pass	113	108	221
Mississippi Canyon	68	370	438
South Pass	43	21	64
Viosca Knoll	50	123	173
West Delta	80	32	112
Total	378	787	1,165

Source: MMS, Lease database

Of the 1,165 outstanding leases, 787 (or 68 percent) are currently non-producing. Further exploration and development, as well as pipeline construction, will be necessary to bring these on line.

Shell is the largest holder of leases in this region, with 17 percent of the total. As shown on Table V-3, the top 10 lease holders control 57 percent of the producing leases and 79 percent of the non-producing leases.

Table V-3			
SUMMARY OF EASTERN LOUISIANA LEASES BY OWNER AND LEASE TYPE			
Owner	Proportion of Leases Owned (Percent)		
	Producing	Nonproducing	Total *
Shell Offshore	13.3%	18.5%	16.8%
BP Exploration	3.7	18.0	13.3
Chevron USA Inc.	15.2	9.5	11.4
Exxon Corp.	9.5	5.8	7.0
Mobil Oil Exploration & Prod.	2.8	6.1	5.0
Vastar Resources	4.6	4.9	4.8
BHP Petroleum Americas	0.4	6.7	4.6
Texaco Exploration and Prod.	2.3	4.6	3.9
Amoco Production Company	1.8	3.2	2.7
Samedan Oil Corporation	3.4	1.3	2.0
Others (158 companies)	42.9	21.2	28.4
Total *	100.0	100.0	100.0

* Totals may not compute due to independent rounding.

Source: MMS, Lease database

Table V-4 identifies several new (1994/1995) producible wells and/or discoveries in Eastern Louisiana.

Table V-4				
NEW PRODUCIBLE GAS WELLS EASTERN LOUISIANA				
Area	Block	Flow (MMcf/d)	Water Depth (Meters)	Operator
Main Pass	223	a/	86	Coastal Oil & Gas
Mississippi Canyon	6 blocks	60 b/	450	Oryx
South Pass	89	16	NA	Box Energy
South Pass	60	18	NA	Vastar Resources
South Pass	89	28	NA	Box Energy
West Delta	106	12 b/	NA	Vastar Resources
West Delta	18	18	NA	Newfield Expl.

a/ Platform capable of producing 100 MMcf/d.

b/ Production capability.

Source: Trade press articles.

One of the more important developments in Eastern Louisiana is deepwater drilling.¹ Some of the notable deepwater drilling projects are shown on the following table.

¹ Some subsalt drilling activity is occurring in Eastern Louisiana (e.g., Exxon is drilling on Mississippi Canyon Block 211). However, the greater subsalt activity is in Central Louisiana.

Table V-5 MAJOR DEEPWATER PROJECTS IN EASTERN LOUISIANA						
Project Name	Company	Location	Water Depth (Meters)	Startup Date	Peak Production	
					Oil (MBD)	Gas (MMcfd)
Cognac	Shell	Mississippi Canyon 148	342	NA	NA	230
Zinc/Alabaster	Exxon	Mississippi Canyon 411 and 400	500	1993	0.6	150
Oryx 1, 2 & 3	Oryx	Mississippi Canyon (3 blocks)	450-700	1993	NA	60
Tahoe	Shell	Viosca Knoll 783	483	1993/94	NA	100
Pompano	BP	Viosca Knoll 989 and 990 and Mississippi Canyon 23, 28 and 72	430	1994	40	50
Mars	Shell/BP	Mississippi Canyon 807	978	1996	100	110
Neptune	Oryx	Viosca Knoll 826	667	1997	15	30
Mensa	Shell	Mississippi Canyon	1,800	1997	NA	300
Ram-Powell	Shell, Exxon, Amoco	Viosca Knoll 956 (covers 8 blocks)	1,060	1998	60	200
Petronius	Texaco	Viosca Knoll 786	585	1998	NA	4.4 b/
Gemini a/	Texaco	Mississippi Canyon 292	1,133	1998	NA	NA

a/ Also a subsalt project.

b/ Initial flow.

Source: Trade press articles, annual reports and Energy Ventures Analysis, Inc.

The following table summarizes the state and federal offshore gas pipeline mileage in Eastern Louisiana.

Table V-6 SUMMARY OF PIPELINE MILEAGE STATUS EASTERN LOUISIANA		
Status	Miles	Percentage
Active		
Federal	2,047	79.0%
State	<u>162</u>	<u>6.2</u>
Total	2,209	85.3
Proposed	258	10.0
Abandoned a/	123	4.7
TOTAL	2,590	100.0%

NOTE: Totals may not compute due to independent rounding.

a/ Federal only.

Source: Appendix B, Schedules 2 and 3

This region contains 15 percent of the active gas pipeline mileage in the Gulf of Mexico waters, compared with 20 percent of the active producing leases. However, over one-third of the new pipeline mileage developments are in this region, primarily in the Viosca Knoll and Mississippi Canyon areas. Projects include the following:

- ◆ Shell's Mississippi Canyon Gathering System is a proposed three-segment pipeline extending from new deepwater projects in the Mississippi Canyon area to the West Delta area and to the Venice processing plant onshore. This project consists of 45 miles of 30-inch pipe, 45 miles of 14-inch pipe, and 68 miles of 12-inch pipe, for a total of 158 miles.
- ◆ Viosca Knoll Gathering System, owned by Leviathan and Tenneco, is a 95-mile, 20-inch project from the Main Pass area to interconnect with Tennessee in the South Pass area. The pipeline went into service in

November 1994. The project also has a 6-mile, 16-inch proposed lateral from Viosca Knoll to interconnect with Southern in the Main Pass area.

- ◆ Main Pass Gathering, jointly owned by Centana Gathering and CNG Main Pass Gathering Corp., is a project that commenced construction in 1995. Phase I is a 30-mile, 20-inch pipeline in the Main Pass area, and Phase II will add 17 miles of 20-inch pipe to the Viosca Knoll area.

A number of these pipelines are profiled in greater detail in Appendix A.

The following table shows the size distribution of pipelines across Eastern Louisiana.

Table V-7					
PIPELINE MILEAGE BY DIAMETER EASTERN LOUISIANA (Active Pipelines)					
Waters	Diameter (Inches)				Total
	<9	9 - 18	19 - 27	>27	
State	17.6%	54.7%	24.9%	2.8%	100%
Federal	53.1%	29.5%	16.5%	0.9%	100%
Total	50.6%	31.3%	17.1%	1.0%	100%

Source: MMS, Segment database and Foster Associates, Inc.

On a mileage basis, relatively small diameter (2- to 8-inch) pipe represents 51 percent of pipeline mileage in Eastern Louisiana while large diameter (over 18 inches) pipe makes up about 18 percent of the mileage. The proportion of large diameter pipeline is less than in other areas although many of the proposed pipelines in Eastern Louisiana are large. About 40 percent of the 258 miles of new pipe will have diameters over 18 inches.

Similar to other regions, state waters have a larger proportion (28 percent) of large diameter pipe (over 18 inches), compared with only 15 percent for the federal waters. Again, a primary reason for this is the larger diameter pipe from federal waters traversing state waters to reach onshore points.

As shown on Table V-8, the largest pipeline owner in federal Eastern Louisiana waters is Southern Natural with 16 percent of the mileage, and the 10 largest owners/operators in the region own 69 percent of the mileage (federal only).

In contrast to the total offshore area, however, only three interstate pipelines are in the top owners/operators in Eastern Louisiana. For the total offshore area, eight of the largest owners are interstate pipelines and two are producers.

Table V-8					
TEN LARGEST PIPELINE OWNERS/OPERATORS IN EASTERN LOUISIANA FEDERAL WATERS AND ACTIVE PIPELINES ONLY (MILES)					
Owner	<9"	9"-18"	19"-27"	>27"	Total*
Southern Natural	50	176	105	0	332
Chevron	148	88	25	0	262
Texas Eastern	18	55	92	0	166
Exxon Corp.	85	67	0	0	152
Flores & Rucks	100	4	2	0	106
Tennessee Gas	26	35	19	18	98
Viosca Knoll	0	0	95	0	95
Conoco Inc.	51	42	0	0	93
Shell Oil Co.	57	11	0	0	68
Apache Corp.	51	0	0	0	51
Others (52 companies)	501	127	0	0	628
Total *	1,087	605	338	18	2,047

* Totals may not compute due to independent rounding.

Source: MMS, Segment database

Table V-9 shows the distribution of Eastern Louisiana offshore (federal and state) pipeline mileage by type of owner. Interstate pipelines own 36 percent of the offshore mileage (including state waters), lower than their 50 percent ownership across the total Gulf of Mexico. The gas producers own 60 percent of the region's total mileage.

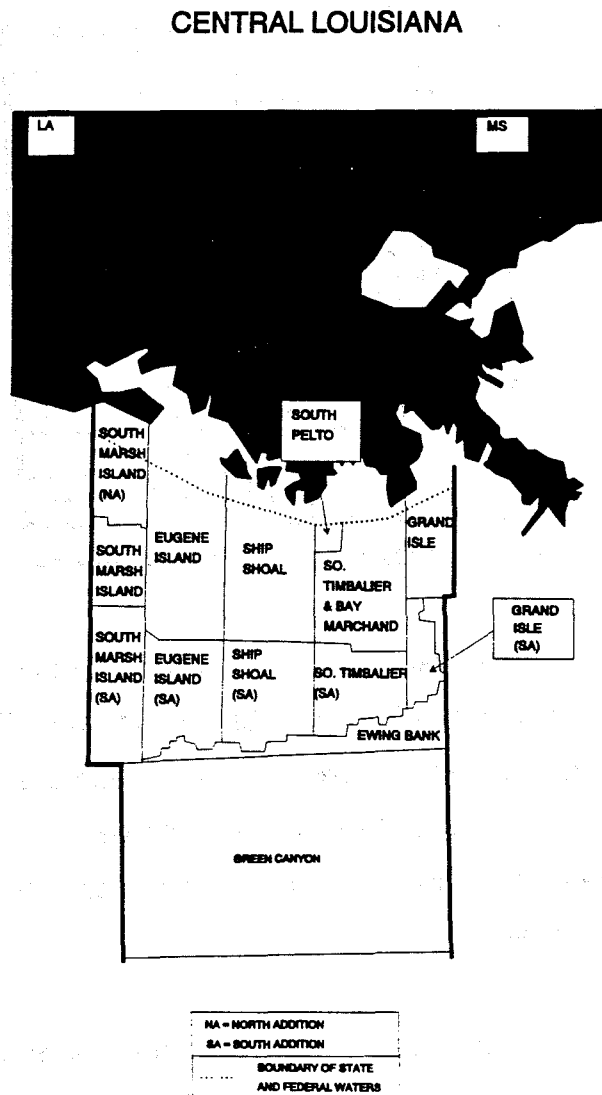
Table V-9					
SUMMARY OF EASTERN LOUISIANA PIPELINE OWNERSHIP BY DIAMETER (Federal and State Waters) Active Only					
Category	<9"	9-18"	19-27"	>27"	Total
Interstate Pipelines	12%	57%	65%	100%	36%
Major Oil Companies	38%	29%	9%	—	30%
Independents	50%	14%	1%	—	30%
Pipeline Affiliates	—	—	25%	—	4%
Total	100%	100%	100%	100%	100%

Source: MMS, Segment database and Foster Associates, Inc.

The interstate pipelines own 67 percent of all mileage with diameters over 18 inches. As the new pipelines are built (e.g. Mississippi Canyon), this percentage is expected to fall to about 55 percent.

VI. CENTRAL LOUISIANA REGION

The map below depicts Foster Associates' Central Louisiana region.



Central Louisiana produces 39 percent of total federal offshore production and contains 37 percent of the known recoverable reserves. It consists of nine major areas (including additions), and supply characteristics are presented in Table VI-1.

Table VI-1 GAS SUPPLY DATA FOR CENTRAL LOUISIANA 1994				
Area	Pro- duction (%)	Remaining Recoverable Reserves (Bcf)	No. of Wells Drilled (1992 - 1994)	
			Explor- ation	Develop- ment
South Marsh Island	24.5	2,289	39	70
Eugene Island	33.5	2,999	49	123
Ship Shoal	16.4	1,474	45	60
South Pelto	1.8	206	7	10
South Timbalier	15.0	1,703	22	37
Bay Marchand	0.1	NA	0	3
Grand Isle	4.2	459	14	59
Ewing Bank	1.7	1,592	5	4
Green Canyon	2.8	NA	10	5
TOTAL	100.0	10,722	191	371

Source: MMS, 1994 Update and Federal Offshore Statistics: 1993 and Foster Associates, Inc.

Eugene Island and South Marsh Island together represented almost 60 percent of the total Central Louisiana production in 1994. Ship Shoal and South Timbalier each have 14 to 16 percent of the production and proven reserves within the region. Ewing Bank is a developing area, with 15 percent of the known reserves but only 2 percent of the region's production. Deepwater drilling activity in the Green Canyon area also characterizes it as a developing area.

One measure of potential development in Central Louisiana is the number of acquired leases and whether they are producing or not. As shown on the following table, 46 percent of the leases here are currently under production, compared to 39 percent across the Gulf.

Table VI-2			
STATUS OF ACTIVE CENTRAL LOUISIANA LEASES			
Area	Number of Leases		
	Producing	Non-Producing	Total
South Marsh Island	95	83	178
Eugene Island	191	102	293
Ship Shoal	150	109	259
South Pelto	14	8	22
South Timbalier	102	104	206
Bay Marchand	2	2	4
Grand Isle	49	34	83
Ewing Bank	17	54	71
Green Canyon	46	287	333
Total	666	783	1,449

Source: MMS, Lease database

Of the 1,449 outstanding leases, 783 (or 54 percent) are currently non-producing, a lower proportion than other offshore areas; however, both the Ewing Bank and Green Canyon areas have a relatively high proportion of non-producing leases (76 and 85 percent, respectively). Further exploration and development, as well as pipeline construction, will be necessary to bring these leases on line.

Shell owns 10 percent of the Central Louisiana leases, most of which are currently nonproducing. The top 10 producers control 47 percent of the outstanding leases, as shown on Table VI-3.

Table VI-3			
SUMMARY OF CENTRAL LOUISIANA FEDERAL OFFSHORE LEASES BY OWNER AND LEASE TYPE			
Owner	Proportion of Leases Owned (Percent)		
	Producing	Nonproducing	Total
Shell Offshore	6.1%	14.4%	10.4%
Chevron USA	10.2	3.4	6.7
Texaco Exploration and Prod.	4.7	5.4	5.1
BP Exploration & Oil	0.8	7.4	4.2
Mobil Oil Exploration & Prod.	5.2	3.2	4.2
Exxon	4.7	3.1	3.8
Amoco Production	2.6	4.3	3.5
Zilkha Energy	0.2	6.0	3.2
Vastar Resources	2.1	4.3	3.2
Pennzoil Petroleum	4.5	1.4	2.9
Others (225 companies)	58.9	47.0	52.7
Total	100.0	100.0	100.0

Source: MMS, Lease database

Table VI-4 identifies several new producible wells and/or discoveries in Central Louisiana.

Table VI-4				
NEW PRODUCIBLE GAS WELLS CENTRAL LOUISIANA				
Area	Block	Flow (MMcf/d)	Depth (Meters)	Operator
Eugene Island	292	NA	967-2,667	Forest Oil
Eugene Island	240	140 a/	5,333-5,667	Mobil
Eugene Island	208	9.6	3,667	Green Petroleum
Eugene Island	72	12.4 (4 wells)	NA	Noble
Eugene Island	302	NA	2,567	United Meridian
Eugene Island	295	100 (5 wells)	NA	Pogo
Ewing Bank	1003	NA	NA	Tatham
Green Canyon	136	26.7	2,468	Hardy
Ship Shoal	240 & 256	35	NA	Pogo
Ship Shoal	331	NA	4,229	Tatham
South Marsh Island	154	60 b/	NA	LL&E
South Pelto	23	10.1 (3 wells)	NA	Stone Energy
South Timbalier	111	9.1	5,112	Newfield Expl.

a/ Deeper reservoir production capability

b/ Production capability

Source: Trade press articles.

One of the more important developments in Central Louisiana is deepwater drilling in the Green Canyon area. Some of the notable deepwater drilling projects are shown on the following table.

Table VI-5						
MAJOR DEEPWATER PROJECTS IN CENTRAL LOUISIANA						
Name	Company	Location	Water Depth (Meters)	Startup Date	Peak Production	
					Oil (MBD)	Gas (MMcf/d)
Bulwinkle	Shell	Green Canyon 65	451	1988	49	70
Popeye	Shell	Green Canyon 116	773	1995	NA	120
Fuji	Texaco	Green Canyon 506	1,414	1998	NA	NA

Source: Energy Ventures Analysis, Inc.

Subsalt projects are a new development primarily affecting Central Louisiana and recent projects are summarized on the following table.

Table VI-6					
MAJOR SUBSALT PROJECTS IN CENTRAL LOUISIANA					
Name	Company	Location	Drilling Depth (Meters)	Production	
				Oil (MBD)	Gas (MMcf/d)
Mahogany 1	Phillips a/	Ship Shoal 349	5,382	7.3	9.9
Teak	Phillips b/	S. Timbalier 260	5,500	4.4	7.6
Mahogany 2	Phillips	Ship Shoal 349	637	4.4	5.3
Mahogany 3	Phillips	Ship Shoal 359	NA	7.2	NA
Mahogany 4	Phillips	Ship Shoal 359	NA	NA	NA

a/ Jointly with Anadarko and Amoco.

b/ Jointly with Anadarko.

Source: Energy Ventures Analysis, Inc.

The following table summarizes the state and federal offshore gas pipeline mileage in Central Louisiana.

Table VI-7		
SUMMARY OF PIPELINE MILEAGE STATUS CENTRAL LOUISIANA		
Status	Miles	Percentage
Active		
Federal	4,617	82.2%
State	<u>215</u>	<u>3.8%</u>
Total	4,832	86.0%
Proposed	170	3.0%
Abandoned a/	617	11.0%
TOTAL	5,619	100.0%

a/ Federal only.

Source: Appendix B, Schedules 2 and 3

Central Louisiana contains about one-third of the active gas pipeline mileage in the Gulf of Mexico waters, comparable to its 35 percent share of the active producing leases.

The following table shows size distribution of pipelines across Central Louisiana.

Table VI-8					
PIPELINE MILEAGE BY DIAMETER CENTRAL LOUISIANA (Active Pipelines)					
Waters	Diameter (Inches)				Total
	<9	9 - 18	19 - 27	>27	
State	17.6%	35.1%	32.8%	14.5%	100%
Federal	40.0%	31.3%	22.5%	6.2%	100%
Total	39.0%	31.5%	23.0%	6.5%	100%

Source: MMS, Segment database and Foster Associates, Inc.

On a mileage basis, relatively small diameter (2- to 8-inch) pipe represents 39 percent of offshore pipeline mileage in Central Louisiana while large diameter (over 18

inch) pipe makes up about 29 percent of the mileage, about the same as the Gulf of Mexico as a whole.

Similar to other regions, state water pipelines have a larger proportion (47 percent) of large diameter pipe, compared with only 28 percent for the federal waters.

The largest pipeline owner in federal Central Louisiana waters is Transco, with 14 percent of the mileage, and the 10 largest owners/operators identified on Table VI-9 own about 67 percent of the mileage (federal only). Of the largest owners in this region, five are interstate pipelines and five are gas producers.

Table VI-9 TEN LARGEST PIPELINE OWNERS/OPERATORS IN CENTRAL LOUISIANA FEDERAL WATERS AND ACTIVE PIPELINES ONLY (MILES)					
Owner	<8"	9"-18"	19"-27"	>27"	Total*
Transcontinental	89	303	245	0	637
Tennessee Gas	105	201	89	80	474
ANR Pipeline	68	111	178	103	460
Trunkline Gas	12	134	171	49	366
Chevron	158	49	127	0	334
Southern Natural Gas	14	38	120	47	219
Texaco	148	29	0	5	182
Shell Oil	115	38	4	0	156
Pennzoil	66	68	0	0	134
Mobil Oil Exploration	90	18	0	0	108
Others (68 companies)	982	458	105	0	1,545
Total *	1,847	1,447	1,039	284	4,617

* Totals may not compute due to independent rounding of components.

Source: MMS, Segment database

Table VI-10 shows the distribution of Central Louisiana offshore (federal and state) pipeline mileage by type of owner. Interstate pipelines own 54 percent of the offshore mileage (including state waters), about the same as their 50 percent ownership across the total offshore area. The gas producers own 44 percent of the region's total mileage.

Table VI-10					
SUMMARY OF CENTRAL LOUISIANA PIPELINE OWNERSHIP BY DIAMETER (Federal and State Waters) Active Only					
Category	<9"	9-18"	19-27"	>27"	Total
Interstate Pipelines	20%	67%	81%	97%	54%
Major Oil Companies	41%	13%	15%	3%	24%
Independents	37%	19%	4%	—	21%
Pipeline Affiliates	2%	1%	—	—	1%
Total	100%	100%	100%	100%	100%

NOTE: Totals may not compute due to independent rounding of components.

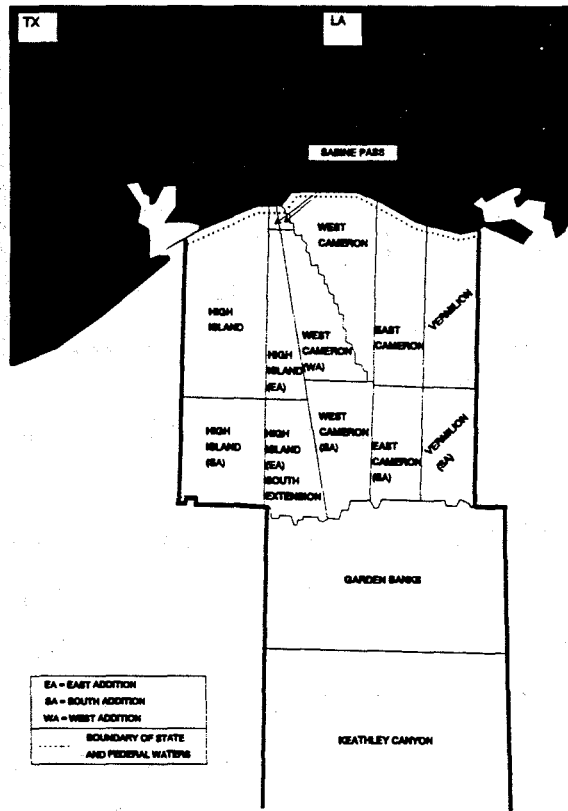
Source: MMS, Segment database and Foster Associates, Inc.

The interstate pipelines own 85 percent of all mileage with diameters over 18 inches.

VII. WESTERN LOUISIANA REGION

The map below depicts Foster Associates' Western Louisiana region.

WESTERN LOUISIANA (INCLUDING HIGH ISLAND)



Although 35 percent of the offshore Gulf of Mexico production comes from Western Louisiana, this region holds only 30 percent of the known reserves. The region consists of seven major producing areas (including additions), and the High Island area of offshore Texas. The market orientation of High Island production is more closely associated with the fields of the Western Louisiana region rather than the offshore Texas fields discussed in Section VIII. Supply characteristics of each area are presented in Table VII-1.

Table VII-1 GAS SUPPLY DATA FOR WESTERN LOUISIANA 1994				
Area	Pro- duction (%)	Proven Remaining Reserves (Bcf)	No. of Wells Drilled (1992 - 1994)	
			Explor- ation	Develop- ment
Sabine Pass	0.7	a/	0	0
West Cameron	26.8	2,822	40	56
East Cameron	22.2	1,276	45	32
Vermilion	18.4	1,998	49	53
High Island	30.3	1,830	49	35
Garden Banks	1.6	664	18	18
Keathley Canyon	NA	NA	0	0
TOTAL	100.0	8,591	201	194

a/ Included with West Cameron.

Source: MMS, 1994 Update and Federal Offshore Statistics: 1993 and Foster Associates, Inc.

The majority of Western Louisiana's production comes from four producing areas -- West Cameron, East Cameron, Vermilion and High Island -- making up 98 percent of the total production and 92 percent of the remaining recoverable reserves. The Garden Banks deepwater area represents almost 2 percent of the region's production, but holds 8 percent of the reserves, indicating further development potential.¹ Little exploration activity is evident in the Keathley Canyon area located south of Garden Banks.

In general, as a gas supply source Western Louisiana is considered more mature than other offshore Louisiana regions; however, similar to the other regions, the majority of the outstanding leases are non-producing, as shown on Table VII-2.

¹ Chevron recently has reported that Garden Banks Block 191 production has reached 220 MMcf/d.

Table VII-2			
STATUS OF ACTIVE WESTERN LOUISIANA LEASES			
Area	Number of Leases		
	Producing	Non-Producing	Total
Sabine Pass	7	6	13
West Cameron	174	227	401
East Cameron	96	152	248
Vermilion	132	159	291
High Island	161	166	327
Garden Banks	27	153	180
Keathley Canyon	0	18	18
Total	597	881	1,478

Source: MMS, Lease database

Of the 1,478 outstanding leases, 881 (or 60 percent) are currently non-producing. Further exploration and development, as well as pipeline construction, will be necessary to bring these on line.

The top 10 producers in this region hold 37 percent of the outstanding leases, as shown on Table VII-3.

Table VII-3			
SUMMARY OF WESTERN LOUISIANA FEDERAL OFFSHORE LEASES BY OWNER AND LEASE TYPE			
Owner	Proportion of Leases Owned (Percent)		
	Producing	Nonproducing	Total
Shell Offshore	5.8%	9.0%	7.7%
Zilkha Energy	0.4	6.9	4.2
Chevron USA	5.8	2.6	3.9
Pennzoil Petroleum	5.8	2.1	3.6
Union Oil of California	5.3	1.7	3.2
Samedan Oil	3.9	2.7	3.2
Amerada Hess	2.8	3.4	3.2
Amoco Production	3.1	2.7	2.8
Texaco Exploration and Prod.	2.4	3.1	2.8
Kerr-McGee	1.2	3.4	2.5
Others (221 companies)	63.5	62.4	62.8
Total	100.0	100.0	100.0

Source: MMS, Lease database

Table VII-4 identifies several new producible wells and/or discoveries in Western Louisiana.

Table VII-4 NEW PRODUCIBLE GAS WELLS WESTERN LOUISIANA				
Area	Block	Flow (MMcf/d)	Depth (Meters)	Operator
Vermilion	102	NA	NA	Forest Oil
Vermilion	410	5 a/	120	Ashland
High Island	93	12	NA	General Atlantic
Vermilion	160	26 b/	30	Freeport McMoRan
West Cameron	408	7.3 b/	NA	American Exploration
High Island	A-576	NA	97	Oryx
Vermilion	115	10 b/	NA	American Exploration
High Island	A-376	2.8 b/	NA	Anadarko
Garden Banks	388	120 b/	NA	Enserch
East Cameron	303	NA	62	Seagull
East Cameron	281	22.8	NA	Chevron
Garden Banks	240	20-30	273	Hardy Oil & Gas
High Island	A-451	10.3	NA	Pogo
High Island	23-L	5	NA	Global Natural Gas
Garden Banks	260	24.5	567	Oryx

a/ One zone

b/ Production capability

Source: Trade press articles.

Deepwater and subsalt activity is not as prevalent in Western Louisiana as compared with more eastern areas although some deepwater drilling is being conducted in the Garden Banks area.¹ One example is Shell's Auger project in Garden Banks Block 426 where Shell installed a tension leg platform in 953 meters of water. Producing wells came online in 1994, representing one of the first producing

¹ While this is true, much of the Garden Banks drilling is in relatively shallow water.

facilities at these depths. Total gas production is expected to reach 125 MMcf/d. In addition, a number of subsalt exploratory projects have been developed in the region (e.g., Anadarko is active in Vermilion Block 349) although these have been unsuccessful thus far.

Table VII-5 summarizes the state and federal offshore gas pipeline mileage in Western Louisiana.

Table VII-5 SUMMARY OF PIPELINE MILEAGE STATUS WESTERN LOUISIANA		
Status	Miles	Percentage
Active		
Federal	5,094	84.5%
State	<u>177</u>	<u>2.9</u>
Total	5,271	87.4
Proposed	231	3.8
Abandoned a/	529	8.8
TOTAL	6,031	100.0%

a/ Federal only.

Source: Appendix B, Schedules 2 and 3

Western Louisiana contains 36 percent of the active gas pipeline mileage in the Gulf of Mexico waters, compared with only 31 percent of the active producing leases. About 30 percent of the new pipeline developments are in this region, primarily in the Garden Banks area.

- ◆ Shell's Auger Line is a new 36-mile, 12-inch line from Garden Banks Block 426 to interconnect with ANR.

- ◆ EP Operating Pipeline (a Hunt/Placid interest) has proposed a 54-mile, 12-inch line from Garden Banks Block 388 to a proposed platform in Eugene Island Block 315 where it will connect with Tennessee.
- ◆ Stingray Pipeline, owned by Natural Gas Pipeline and Leviathan, is proposing to construct a 16-mile, 20-inch diameter lateral from Garden Banks Block 72 to Vermilion Block 311.

A number of these proposed pipelines, as well as a number of existing ones, are profiled in greater detail in Appendix A.

The following table shows size distribution of pipelines across Western Louisiana.

Table VII-6					
PIPELINE MILEAGE BY DIAMETER WESTERN LOUISIANA (Active Pipelines)					
Waters	Diameter (Inches)				Total
	<9	9 - 18	19 - 27	>27	
State	11.3%	55.0%	21.7%	12.0%	100%
Federal	36.0%	35.3%	12.2%	16.5%	100%
Total	35.1%	36.0%	12.5%	16.4%	100%

Source: MMS, Segment database and Foster Associates, Inc.

The pipeline size distribution of the Western Louisiana offshore systems is about the same as for the Gulf of Mexico as a whole. Within this region, about 35 percent of the lines have small diameters of 2 to 8 inches, compared with 40 percent of lines throughout the total Gulf. Large diameter (over 18 inches) pipe represents 29 percent of the Western Louisiana pipe, about the same percentage as the total Gulf. The majority of the planned new lines are small diameter.

Similar to other regions, state waters have a higher proportion (34 percent) of large diameter pipe (over 18 inches) compared with only 28 percent for the federal waters.

Ten interstate pipelines are the largest pipeline owners in Western Louisiana, owning 59 percent of the total mileage in federal waters.

Table VII-7					
TEN LARGEST PIPELINE OWNERS/OPERATORS IN WESTERN LOUISIANA FEDERAL WATERS AND ACTIVE PIPELINES ONLY (MILES)					
Owner	<9"	9"-18"	19"-27"	>27"	Total*
Tennessee Gas	89	245	79	133	545
Transcontinental	60	244	135	0	439
Texas Eastern	65	111	138	90	404
Stingray Pipeline	1	90	130	97	318
Columbia Gulf	31	110	15	135	291
Southern Natural	67	85	38	95	285
High Island Offshore	0	0	0	204	204
ANR Pipeline	44	75	47	38	204
Natural Gas Pipeline	10	106	22	24	162
Koch Gateway	57	92	9	0	158
Others (82 companies)	1,409	642	6	25	2,083
Total *	1,833	1,800	619	841	5,094

* Totals may not compute due to independent rounding of components.

Source: MMS, Segment database

Table VII-8 shows the distribution of Western Louisiana offshore (federal and state) pipeline mileage by type of owner. Interstate pipelines own 61 percent of the region's offshore mileage (including state waters), higher than their 50 percent

ownership across the total offshore area. Gas producers own 33 percent of the region's total mileage.

Table VII-8					
SUMMARY OF WESTERN LOUISIANA PIPELINE OWNERSHIP BY DIAMETER (Federal and State Waters) Active Only					
Category	<9"	9-18"	19-27"	>27"	Total
Interstate Pipelines	19%	72%	96%	100%	61%
Major Oil Companies	21%	13%	1%	—	12%
Independents	50%	10%	1%	—	21%
Pipeline Affiliates	10%	5%	2%	—	6%
Total	100%	100%	100%	100%	100%

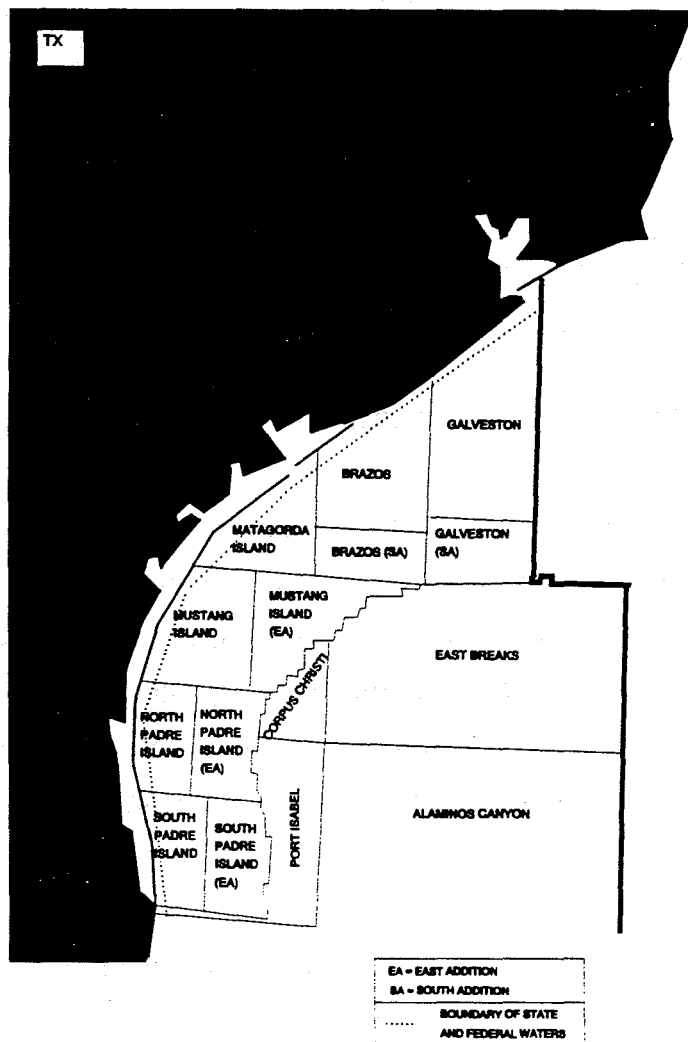
Source: MMS, Segment database and Foster Associates, Inc.

The interstate pipelines own 98 percent of all mileage with diameters above 18 inches.

VIII. TEXAS REGION

The map below depicts Foster Associates' offshore Texas region.

TEXAS



Offshore Texas accounts for 16 percent of the Gulf of Mexico's production and has 15 percent of the remaining recoverable reserves. It consists of ten major producing areas (including additions) and supply characteristics of each are presented in Table VIII-1.

Table VIII-1				
GAS SUPPLY DATA FOR OFFSHORE TEXAS 1994				
Area	Pro- duction (%)	Proven Remaining Reserves (Bcf)	No. of Wells Drilled (1992 - 1994)	
			Explor- ation	Develop- ment
Galveston	8.8	318	18	10
Brazos	26.7	893	17	15
Matagorda Island	50.0	1,739	15	22
Mustang Island	11.2	884	19	15
North Padre Island	2.4	187	2	4
East Breaks	0.9	327	2	3
TOTAL	100.0	4,348	73	69

Source: MMS, 1994 Update and Federal Offshore Statistics: 1993 and Foster Associates, Inc.

One-half of the offshore Texas production in 1994 came from the Matagorda Island area and this area contains an estimated 40 percent of the region's discovered reserves. Recent drilling activity in the region has been equally dispersed across four areas -- Matagorda Island, Galveston, Brazos and Mustang Island. The deepwater area of East Breaks represents only 1 percent of the current production, but 8 percent of the discovered reserves, indicating future development potential.

One measure of potential development in offshore Texas is the number of acquired leases and whether they are producing or not. As shown on the following table, only about one-third of the leases acquired in this area are currently under production, slightly less than the proportion across the total Gulf of Mexico.

Table VIII-2			
STATUS OF ACTIVE OFFSHORE TEXAS LEASES			
Area	Number of Leases		
	Producing	Non-Producing	Total
Galveston	40	84	124
Brazos	57	71	128
Matagorda Island	61	30	91
Mustang Island	38	54	92
North Padre Island	10	29	39
South Padre Island	1	15	16
East Breaks	15	85	100
Port Isabel	3	37	40
Alaminos Canyon	1	73	74
Total	226	478	704

Source: MMS, Lease database

Of the 704 outstanding leases, 478 (or 68 percent) are currently non-producing. Further exploration and development, as well as pipeline construction, will be necessary to bring these on line.

The following table shows the proportion of lease ownership held by the top 10 producers in offshore Texas. These 10 companies own 36 percent of the producing leases, and 65 percent of the non-producing leases.

Table VIII-3			
SUMMARY OF TEXAS FEDERAL OFFSHORE LEASES BY OWNER AND LEASE TYPE			
Owner	Proportion of Leases Owned (Percent)		
	Producing	Nonproducing	Total
Shell Offshore	5.0%	12.1%	9.8%
Enron Oil & Gas	4.7	9.9	8.2
Mobil Producing Texas & New Mexico	1.8	10.3	7.6
Amerada Hess	3.6	6.2	5.3
BP Exploration	2.1	6.2	4.8
Texaco Exploration and Prod.	3.2	5.5	4.8
Seagull Energy E&P	2.9	5.1	4.4
Exxon	4.9	3.8	4.1
Amoco Production	2.9	3.4	3.2
Vastar Resources	4.5	2.5	3.2
Others (128 companies)	64.4	35.0	44.6
Total	100.0	100.0	100.0

Source: MMS, Lease database.

Table VIII-4 identifies several new producible wells and/or discoveries in areas of offshore Texas.¹

¹ In addition, Seagull plans to install five new platforms in the Gulf, increasing production by 35 to 40 MMcf/d.

Table VIII-4				
NEW PRODUCIBLE GAS WELLS OFFSHORE TEXAS				
Area	Block	Flow (MMcf/d)	Water Depth (Meters)	Operator
Galveston	357	NA	29	Seagull
Mustang Island	783	22.0	NA	Global
Galveston	362	8.2	NA	Seagull
Brazos	375	6.6	NA	Seneca Resources
Galveston	283	8.2	22	Seagull
Galveston	420	18.0	22	Seagull
Galveston	273	4.6	21	Seagull

Source: Trade press articles.

Deepwater and subsalt drilling in offshore Texas is not as active as other offshore regions, such as Central and Eastern Louisiana.

The following table summarizes gas pipeline mileage in state and federal offshore Texas areas.

Table VIII-5		
SUMMARY OF PIPELINE MILEAGE STATUS OFFSHORE TEXAS		
Status	Miles	Percentage
Active		
Federal	1,511	61.0%
State	<u>772</u>	<u>31.2</u>
Total	2,283	92.2
Proposed	51	2.1
Abandoned a/	142	5.7
TOTAL	2,476	100.0%

a/ Federal only.

Source: Appendix B, Schedules 2 and 3

Offshore Texas contains 15 percent of the active gas pipeline mileage in the Gulf of Mexico waters, compared with 12 percent of the active producing leases. Offshore Texas state waters have many more miles of pipe than any other region, representing 31 percent of the region's offshore mileage. Most of the pipelines are owned by independent oil companies or intrastate pipelines such as Valero and Tejas Power.¹ Very few new pipelines are being proposed in this area and those that are proposed are generally small diameter gathering lines, 4 to 6 inches in diameter.

The following table shows the region's mileage distribution by pipeline size.

Table VIII-6					
PIPELINE MILEAGE BY DIAMETER OFFSHORE TEXAS (Active Pipelines)					
Waters	Diameter (Inches)				Total
	<9"	9 - 18"	19 - 27"	>27"	
State	36.8%	28.4%	33.4%	1.3%	100%
Federal	43.8%	33.7%	17.5%	4.9%	100%
Total	41.4%	32.0%	22.9%	3.7%	100%

Source: MMS, Segment database and Foster Associates, Inc.

Relatively small diameter (2- to 8-inch) pipe represents 41 percent of pipeline mileage in offshore Texas waters while large diameter (over 18 inches) pipe makes up about 27 percent of the mileage. The proportion of large diameter pipeline is about the same as the Gulf of Mexico as a whole. Similar to other areas, the state waters have a disproportionate share of the large diameter lines.

¹ Tejas Power recently purchased the offshore Texas pipeline facilities of Seagull.

The largest pipeline owner in federal offshore Texas waters is Transco, with 32 percent of the total mileage. The 10 largest owners/operators in this region own 75 percent of the mileage (federal only).

In contrast to the total offshore area, however, only three interstate pipelines are in the top owners/operators. For the total offshore area, eight of the largest facility owners are interstate pipelines.

Table VIII-7 TEN LARGEST PIPELINE OWNERS/OPERATORS IN THE TEXAS REGION FEDERAL WATERS AND ACTIVE PIPELINES ONLY (MILES)					
Owner	<9"	9"-18"	19"-27"	>27"	Total*
Transcontinental	18	191	171	75	454
Enron	42	78	72	0	192
Tejas Power	102	72	0	0	174
Walter Oil and Gas	105	0	0	0	105
Apache	36	14	0	0	51
Union Oil	29	16	0	0	45
Blue Dolphin Pipeline	14	0	23	0	37
OXY USA	10	23	0	0	33
Zapata Exploration	0	31	0	0	31
Southern Natural	6	20	0	0	26
Others (45 companies)	300	65	0	0	364
Total *	662	510	265	75	1,511

* Totals may not compute due to independent rounding of components.

Source: MMS, Segment database

As stated above, pipeline mileage in Texas state waters represents a significant proportion (31 percent) of total regional mileage. Certain pipelines in state waters are as large as or larger than the top 10 owners identified in federal waters. These include

Tejas Power with a state water total of about 142 miles, and Houston Pipe Line with just over 100 miles.

Table VIII-8 shows the distribution of offshore Texas (federal and state) pipeline mileage by type of owner. Interstate pipelines own 35 percent of the offshore mileage (including state waters), lower than their 50 percent ownership share across the Gulf. The gas producers own 40 percent of the region's total mileage and intrastate pipelines own 18 percent.

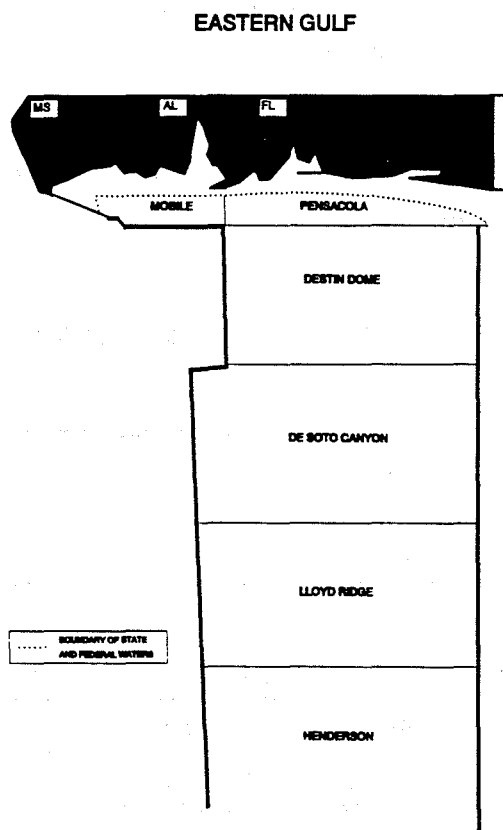
Table VIII-8 SUMMARY OF OFFSHORE TEXAS PIPELINE OWNERSHIP BY DIAMETER (Federal and State Waters) Active Only					
Category	<9"	9 - 18"	19-27"	>27"	Total
Interstate Pipelines	11%	39%	66%	100%	35%
Intrastate Pipelines	16%	13%	30%	—	18%
Major Oil Companies	13%	7%	—	—	8%
Independents	55%	27%	4%	—	32%
Pipeline Affiliates	5%	15%	0%	—	7%
Total	100%	100%	100%	100%	100%

Source: MMS, Segment database and Foster Associates, Inc.

The interstate pipelines own 70 percent of all mileage with diameters above 18 inches and intrastate pipelines own 30 percent.

IX. EASTERN GULF REGION

The offshore Mississippi/Alabama/Florida areas, including federal and state waters, represent the Eastern Gulf region as shown on the map below.



Commercial discoveries to date have been concentrated in the area offshore from Mobile Bay.

In 1994, only about 2 percent of the Gulf of Mexico production came from this region; however, production is increasing rapidly. For example, Mobil Oil reported an increase in its level of production in 1994 from 270 MMcf/d to more than 350 MMcf/d from two fields in the Mobile Bay area.

This region had 1.5 Tcf of discovered reserves at the end of 1994; however, the potential resource base in the Eastern Gulf is large. The Potential Gas Committee estimated 22.6 Tcf of potential resources. However, over half of this estimate is classified in the speculative category because of lack of drilling estimates. One promising area is the Norphlet trend that stretches 80 miles from the Destin Dome area (offshore Florida) to Mobile Block 861 (offshore Alabama). Chevron estimates that this trend alone holds 7 to 8 Tcf of recoverable gas.

Currently there are 170 outstanding leases in the Eastern Gulf region, of which 52 are producing and 118 are non-producing.

Table IX-1 identifies several new producible wells and/or discoveries in the Eastern Gulf region.

Table IX-1 NEW PRODUCIBLE GAS WELLS EASTERN GULF			
Area	Block	Flow (MMcf/d)	Operator
Mobile Bay	OCS 869	59.8	Mobil
Mobile Bay (Norphlet)	916	32.5	Unocal

Source: Trade press articles

Chevron is the largest lease holder in the Eastern Gulf region, with 27 percent of the total. As shown on Table IX-2, the top 10 producers hold 89 percent of the total.

Table IX-2			
SUMMARY OF EASTERN GULF FEDERAL OFFSHORE LEASES BY OWNER AND LEASE TYPE			
Owner	Proportion of Leases Owned (Percent)		
	Producing	Nonproducing	Total
Chevron USA	25.0%	28.4%	27.4%
Murphy Exploration & Prod.	10.2	16.1	14.2
Conoco	6.0	15.5	12.6
Mobil Oil Exploration & Prod.	3.4	11.0	8.6
Union Oil of California	17.5	3.6	8.0
Amoco Production	0.0	6.4	4.4
Exxon	12.2	0.0	3.8
Texaco Exploration and Prod.	1.5	4.2	3.4
Marathon Oil	0.0	4.7	3.2
Anadarko Petroleum	0.0	4.4	3.0
Others (23 companies)	24.2	5.7	11.4
Total	100.0	100.0	100.0

Source: MMS, Lease database

The following table summarizes the state and federal offshore gas pipeline mileage in the region.

Table IX-3		
SUMMARY OF PIPELINE MILEAGE STATUS EASTERN GULF		
Status	Miles	Percentage
Active		
Federal	117	47.4%
State	<u>61</u>	<u>24.7</u>
Total	178	72.1
Proposed	65	26.3
Abandoned a/	4	1.6
TOTAL	247	100.0%

a/ Federal only.

Source: Appendix B, Schedules 2 and 3

This Eastern Gulf contains 1 percent of the active gas pipeline mileage in the Gulf of Mexico waters, compared with 3 percent of the active producing leases. New pipelines (e.g. Dauphin Island Gathering System) for this area total about 8 percent of the offshore total. Project profiles are presented in Appendix A.

The following table shows the region's mileage distribution by pipeline size.

Table IX-4					
PIPELINE MILEAGE BY DIAMETER EASTERN GULF REGION (Active Pipelines)					
Waters	Diameter (Inches)				Total
	<9"	9 - 18"	19 - 27"	>27"	
State	29.5%	44.7%	25.8%	--	100%
Federal	63.0%	18.1%	18.9%	--	100%
Total	51.5%	27.2%	21.3%	--	100%

Source: MMS, Segment database and Foster Associates, Inc.

On a mileage basis, relatively small diameter (2- to 8-inch) pipe represents 52 percent of pipeline mileage in these waters while large diameter (over 18 inches) pipe makes up about 21 percent of the mileage. The Eastern Gulf region contains no pipelines over 27 inches in diameter.

The largest pipeline owner in federal Eastern Gulf waters is Chevron. Only 10 pipelines are operating in these waters, as shown on Table IX-5.

In contrast to the total offshore area, however, all Eastern Gulf owners/operators are producers. For the total offshore area, only two producers are among the 10 largest pipeline facility owners.

Table IX-5					
PIPELINES IN EASTERN GULF REGION FEDERAL WATERS AND ACTIVE PIPELINES ONLY (MILES)					
Owner	<9"	9"-18"	19"-27"	>27"	Total*
Chevron	17	19	0	0	36
Dauphin Island a/	3	1	22	0	26
Apache	18	0	0	0	18
Murphy Exploration	15	0	0	0	15
Union Oil	11	1	0	0	12
OEDC	4	0	0	0	4
Offshore Energy	2	0	0	0	2
Mobil Oil Exploration	1	b/	b/	0	2
Santa Fe Energy	1	0	0	0	1
Exxon	b/	0	0	0	b/
Others (0 companies)	0	0	0	0	0
Total *	73	21	22	0	117

* May not compute due to independent rounding.

a/ Excluding segments in the Eastern Louisiana region and newly constructed lines.

b/ Less than one mile.

Source: MMS, Segment database

Table IX-5 only lists pipelines in federal waters. In state waters, the largest pipelines are owned by Exxon (24 miles of 4- to 20-inch diameter pipe) and Mobil (9 miles of 8- to 20-inch diameter pipe).

Table IX-6 shows the distribution of the Eastern Gulf offshore (federal and state) pipeline mileage by type of owner. Interstate pipelines own only 6 percent of the offshore mileage (solely in state waters), compared with 50 percent ownership of facilities across the total offshore area. Major producers own 51 percent of the mileage and independents own 18 percent.

Table IX-6					
SUMMARY OF EASTERN GULF PIPELINE OWNERSHIP BY DIAMETER (Federal and State Waters) Active Only					
Category	<9"	9 - 18"	19 - 27"	>27"	Total
Interstate Pipelines	0	24%	0	—	6%
Major Oil Companies	65%	42	30%	—	51
Independents	27	14	—	—	18
Pipeline Affiliates	8	20	70	—	25
Total	100	100	100	100	100

Source: MMS, Segment database and Foster Associates, Inc.

APPENDIX A

OFFSHORE PROJECT PROFILES AND MAPS

ANR Pipeline Co.
Chandeleur Pipe Line Co.
Columbia Gulf Transmission Company
Dauphin Island Gathering System
EP Operating Company
High Island Offshore System (HIOS) and UT Offshore System (UTOS)
Leviathan Gas Pipeline
Main Pass Gathering Company
Matagorda Offshore Pipeline System (MOPS)
Sea Robin Pipeline
Shell's Auger Line
Shell's Mississippi Canyon Gathering System
Southern Natural Gas
Stingray Pipeline Co.
Superior Offshore Pipeline Company
Tejas Power Corp.
Tennessee Gas Pipeline
TOMCAT
Transcontinental Gas Pipe Line
Trunkline Gas Co.
Venice Gathering System
Viosca Knoll Gathering System

ANR Pipeline Co.

(Central and Western Louisiana and Texas)

Owner/Operator: ANR Pipeline (a subsidiary of Coastal Corp.)

Status: Interstate gas pipeline subject to FERC jurisdiction.

Description: ANR purchased the "Placid" line in 1967, a large diameter line (non-looped) extending 77 miles from Eugene Island (Blocks 77 and 198) to onshore facilities at Avalon, Louisiana. Subsequently, ANR constructed various diameter pipelines (up to 30-inch) to connect South Marsh, Vermilion and Ship Shoal, as well as Eugene Island producing areas to the Placid line.

Currently, ANR owns and operates an extensive offshore system, generally located in the Eugene Island, South Marsh Island and Ship Shoal areas of Central Louisiana of the Gulf of Mexico, as shown on the following map. About 70 percent of the pipeline mileage is located in Central Louisiana. ANR is also active in gathering supplies in certain fields of the Western Louisiana region of the Gulf.

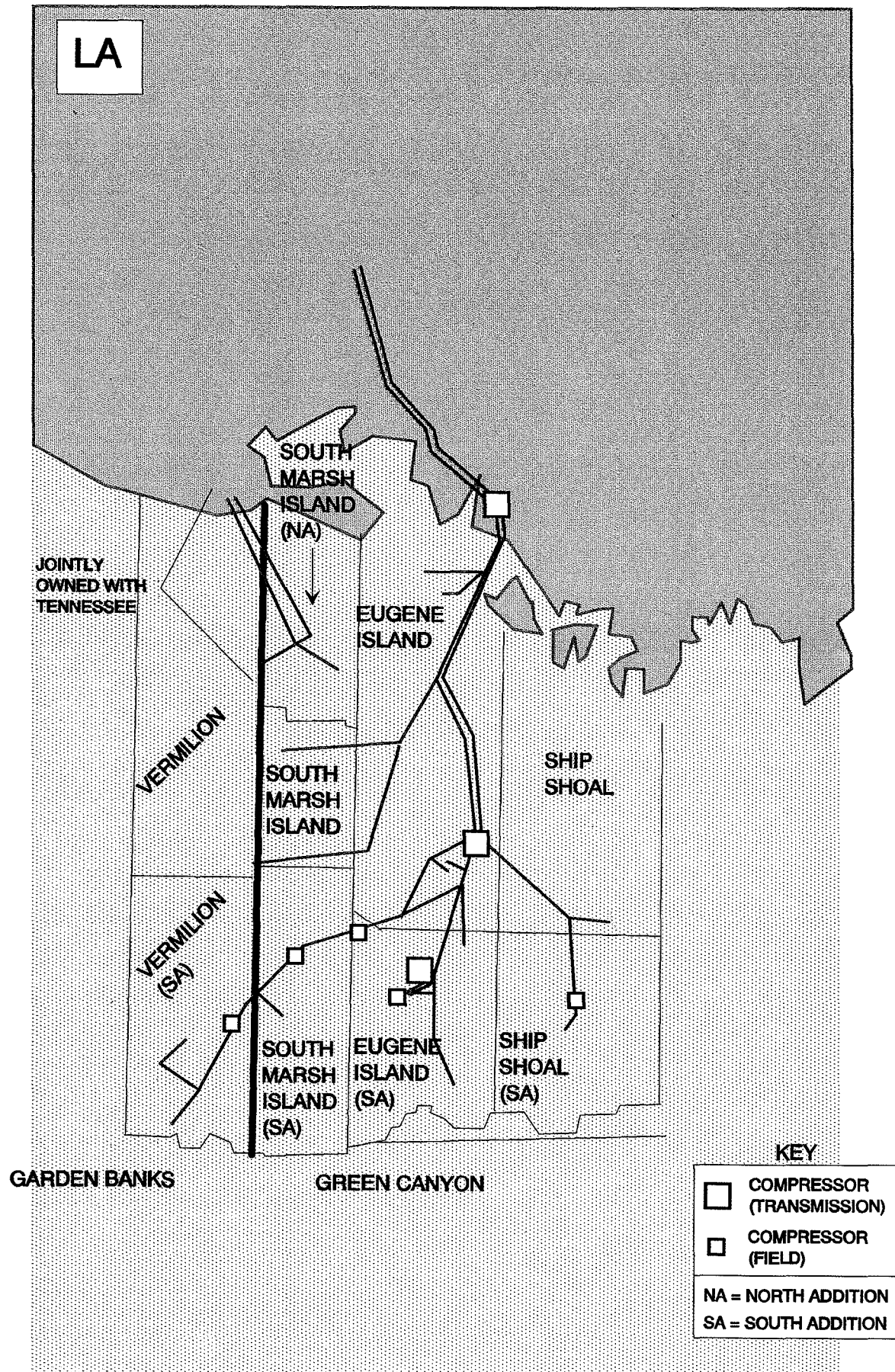
ANR owns offshore compression stations in the Eugene Island area, and five field compressors scattered across the Ship Shoal, Eugene Island, South Marsh and Vermilion areas. In Eastern Louisiana, ANR is a partner with several other interstates in deepwater facilities connecting Mississippi Canyon reserves.

In total, ANR owns 675 miles of offshore pipe in federal waters:

ANR'S FEDERAL OFFSHORE MILEAGE BY DIAMETER					
	<8"	8 - 18"	19 - 27"	>27"	Total
Central Louisiana	68	111	178	103	460
Western Louisiana	44	75	47	38	204
Texas	11	—	—	—	11
Total	123	186	225	141	675

ANR PIPELINE COMPANY

(Central Louisiana)



Chandeleur Pipe Line Co.
(Eastern Louisiana and Mississippi)

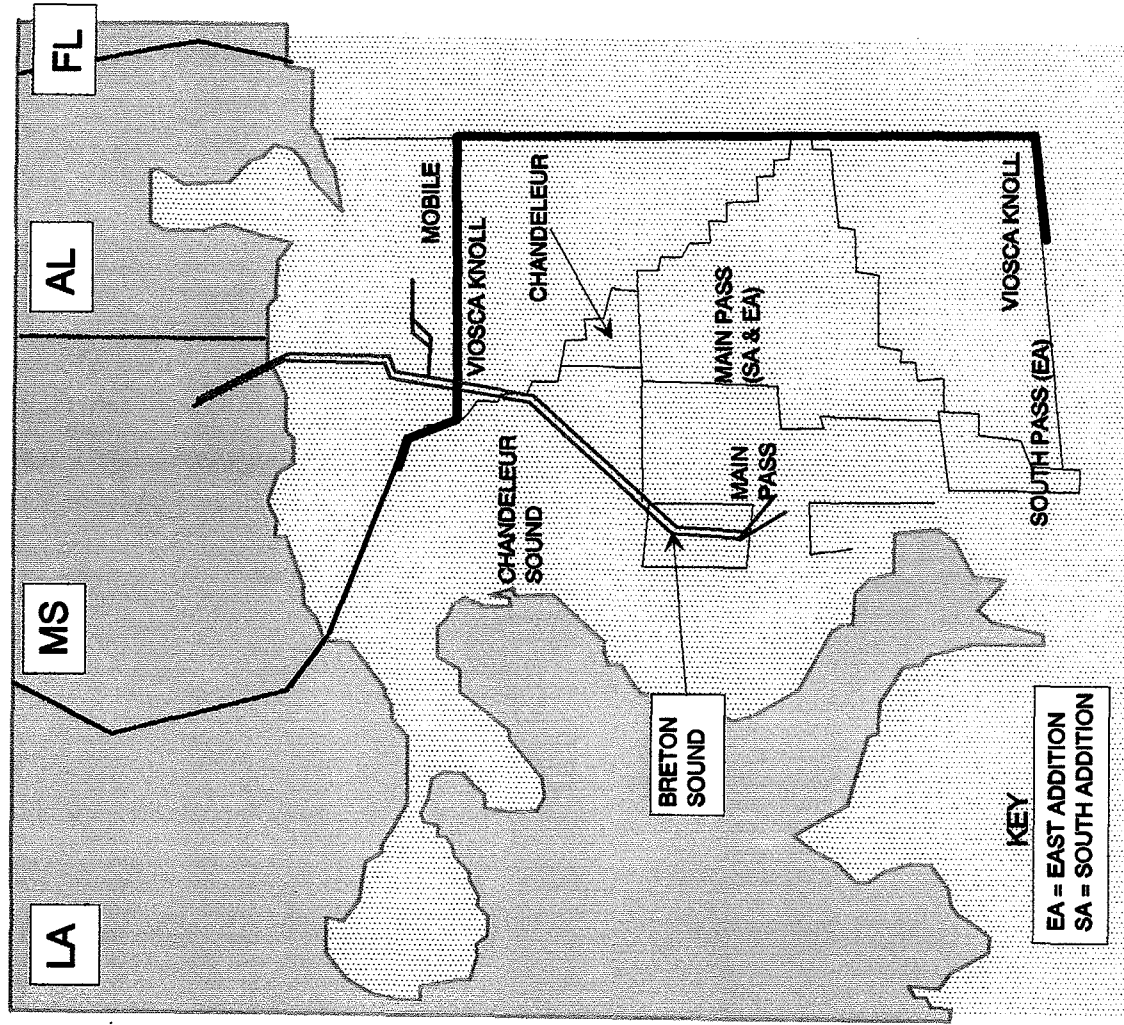
Owner/Operator: Chandeleur Pipe Line Co., affiliate of Chevron U.S.A. and Chevron Chemical Co.

Status: Operational, jurisdictional pipeline. The initial construction was authorized in 1963; expansion occurred in 1969 and 1987.

Description: Chandeleur has authorized system capacity of 280 MMcf/d. The offshore system has a number of segments:

- 79.9-mile, 12-inch mainline with maximum operating pressure of 1,200 psig;
- parallel 82.3-mile, 16-inch mainline that loops the 12-inch line both extending from Main Pass Block 41 to Pascagoula MS and delivering either to Chevron's refinery-chemical plant complex or to interconnection with Koch Gateway, with maximum operating pressures of 1,200 psig;
- 11.3-mile, 12-inch lateral extending from Mobile Block 861 to interconnect with the 12-inch mainline in Mobile Block 902 with maximum operating pressure of 1,424 psig; and
- 7.4-mile, 6- to 10-inch lateral from Mobile Block 902 to Mobile Block 907.

CHANDELEUR PIPE LINE CO.



Owned by Chandeleur Pipe Line Co., an affiliate of Chevron U.S.A. and Chevron Chemical Co.

Columbia Gulf Transmission Company

(Gulf of Mexico System)

Owner/Operator: Columbia Gulf Transmission Company is a wholly owned subsidiary of The Columbia Gas System.

Status: Interstate pipeline subject to FERC jurisdiction.

Description: Within the Gulf of Mexico, Columbia Gulf owns and operates approximately 406 total miles of pipe.

By diameter, Columbia Gulf's federal onshore lines are as follows:

Columbia Gulf's Offshore Mileage					
Area	<9"	9-18"	19-27"	>27"	Total
Eastern Louisiana	1.2	8.9	6.4	6.6	23.1
Central Louisiana	9.1	32.3	32.8	26.7	100.9
Western Louisiana	24.9	117.9	8.5	106.0	257.3
Texas	0.5	6.1	4.3	13.9	24.8
TOTAL	35.7	165.2	52.0	153.2	406.1

Columbia Gulf's offshore system is not highly concentrated in any one area of the Gulf, but rather attaches reserves in both offshore Louisiana and offshore Texas. Offshore Louisiana facilities are located in Garden Banks, West Cameron, East Cameron, Vermilion, South Marsh Island, Eugene Island, Ship Shoal, South Timbalier, West Delta, South Pass, and Mississippi Canyon areas. Offshore Texas facilities are located in High Island, Brazos and Galveston Island areas.

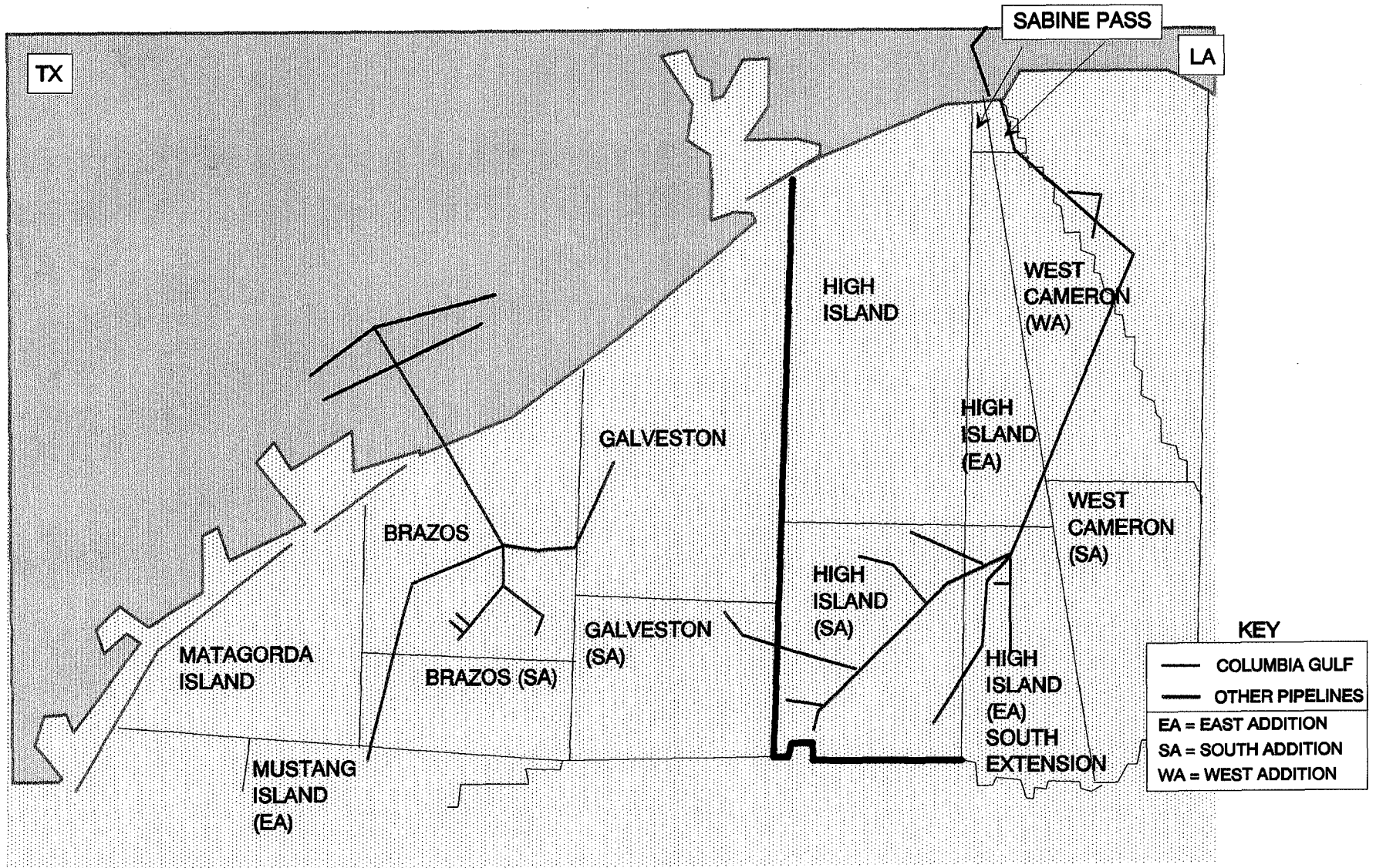
One of Columbia Gulf's major offshore Louisiana pipelines is the Blue Water System, a project jointly owned with Tennessee Gas Pipeline. The "Western Shoreline" portion of this system is operated by Columbia Gulf and consists of 74 miles of 36-inch diameter line from Vermilion 245 to Egan in Vermilion Parish, Louisiana. The "Eastern Shoreline" leg of the system is operated by Tennessee and consists of 41 miles of 36-inch diameter line from Ship Shoal 144 to shore in Terrebonne Parish. The two legs are connected through pipe in which Columbia Gulf has capacity but no ownership. The connection consists of the "header" from Vermilion Block 245 to Ship Shoal Block 198, and the remainder of

the Eastern Shoreline which connects Ship Shoal Block 198 to Ship Shoal Block 144.

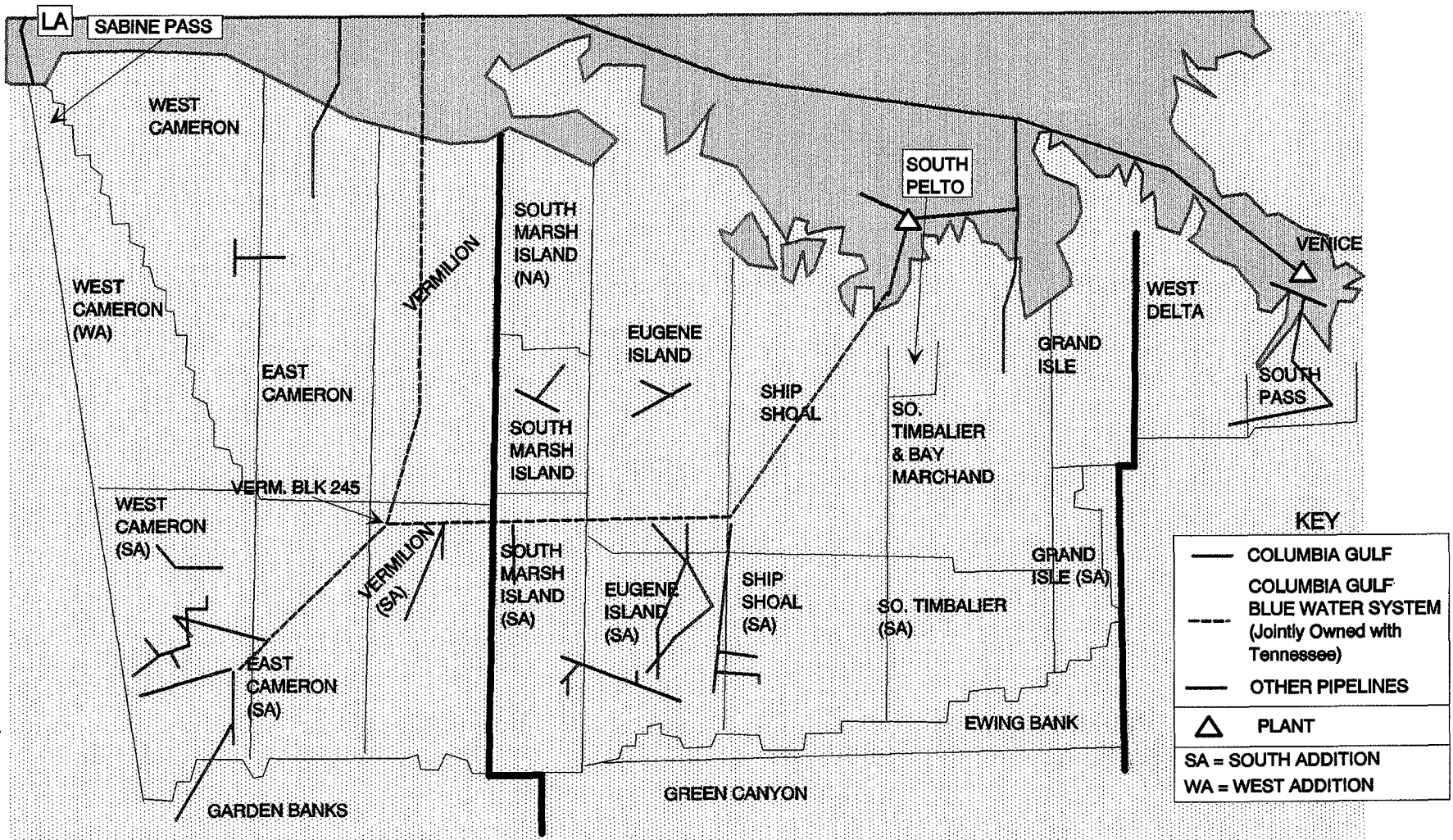
Several extensions of Blue Water have been constructed, including the Southwest Extension (47 miles of 30-inch and 10 miles of 24-inch diameter line), the Garden Banks line (19 miles of 16-inch diameter line), the Vermilion system (6 miles of 16-inch diameter line) and two systems in the Eugene Island area (24 miles of 20-inch, 5 miles of 24-inch, and 18 miles of 26-inch diameter line).

In addition to the Blue Water System, Columbia Gulf also owns several non-contiguous pipelines that connect to other offshore systems. These facilities are located both offshore Texas and offshore Louisiana, and range in size from 6-inch to 36-inch diameter line.

COLUMBIA GULF TRANSMISSION COMPANY (Texas)



COLUMBIA GULF TRANSMISSION COMPANY (Louisiana)



Dauphin Island Gathering System

(Eastern Louisiana and Eastern Gulf)

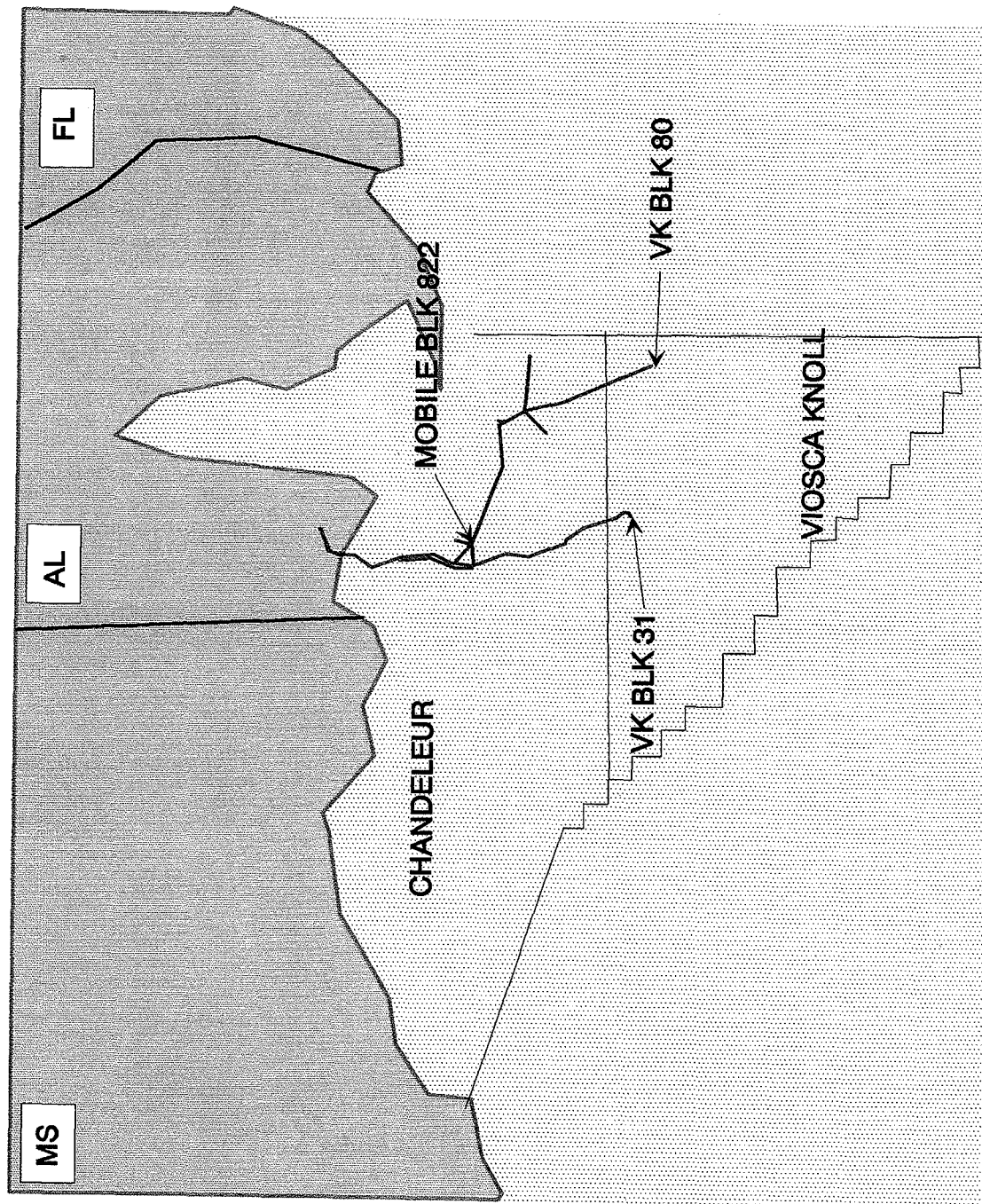
Owner/Operator: Dauphin Island Gathering Partners, L.L.C., a partnership between affiliates of Offshore Energy Development Corp. (OEDC) (25%), Enron Gas Gathering Inc. (25%) and Tenneco (50%).

Status: Dauphin Island Gathering System is a non-jurisdictional active pipeline. Prior to 1994, it consisted of 22 miles of 8- to 20-inch diameter pipeline connecting state water and Mobile Bay leases to onshore facilities near Coden, Alabama. In 1994, 67 miles of 8- to 20-inch pipe were added to loop sections of the existing pipe and connect additional leases. Another 3 miles were added in 1995 to connect new state leases.

Description: Dauphin Island has a total of 92 miles of gas/condensate pipe, extending from Viosca Knoll (in the Eastern Louisiana region) to Mobile Bay and Alabama state waters in the Eastern Gulf area. Specific pipeline segments are as follows:

- ◆ 22.3 miles of 8-, 12- and 20-inch pipe running from Alabama state lease number 83, Mobile Bay Blocks 821 and 822 to onshore near Coden, Alabama.
- ◆ 66.8 miles of 8-, 12- and 20-inch pipe that loops the sections from Mobile Bay Block 821 to Alabama state lease 73, and connects Mobile Bay Blocks 870, 914, 916, 959 and Viosca Knoll Blocks 31 and 80 to the system.
- ◆ 3.0 miles of 8-inch pipe connecting Alabama state lease numbers 58 and 59 to the system.

DAUPHIN ISLAND GATHERING SYSTEM



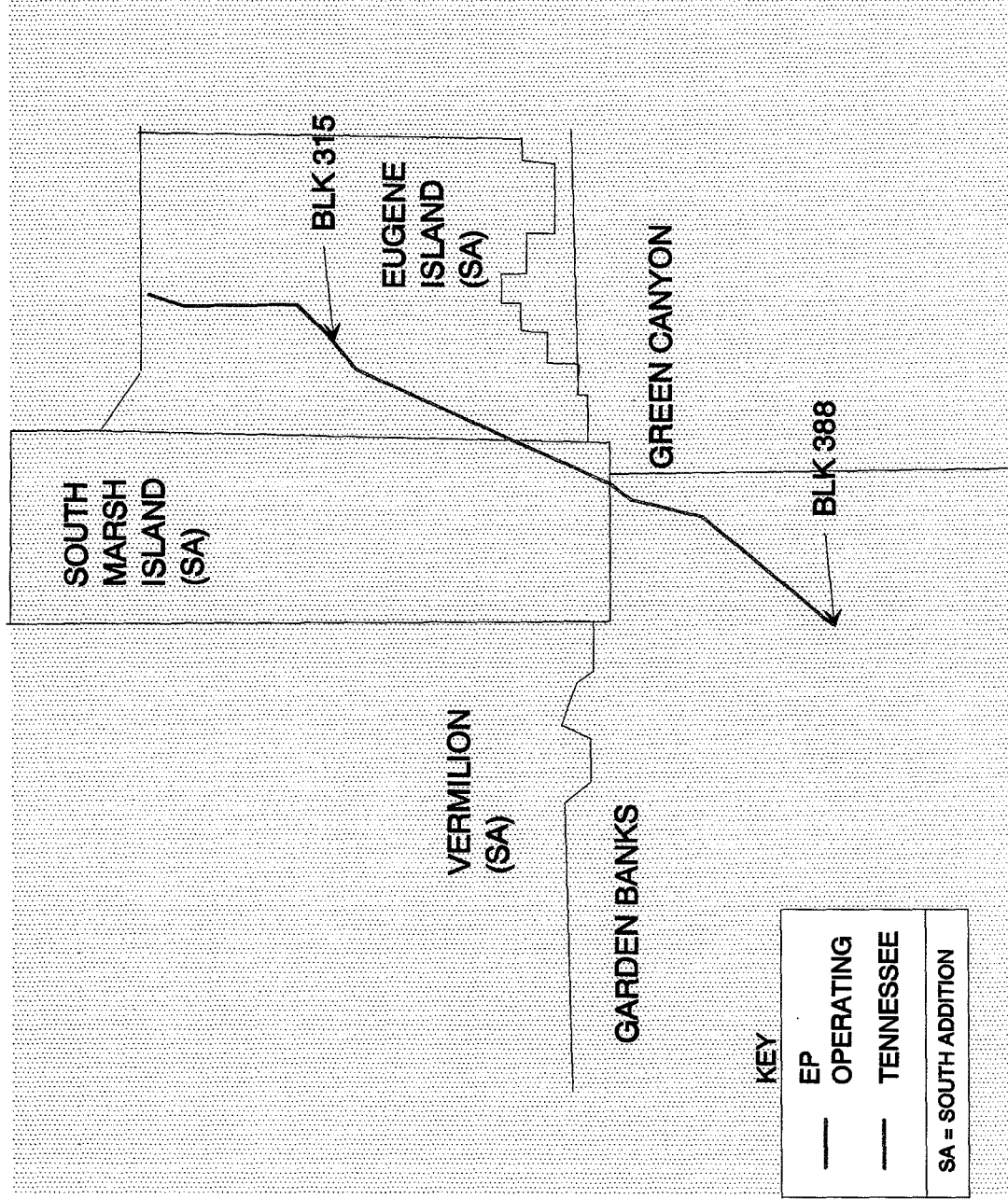
EP Operating Company
(Western and Central Louisiana)

Owner/Operator: EP Operating Company is owned by Hunt/Placid interests.

Status: On 3/23/94, EP Operating Limited Partnership filed applications to install both oil and gas pipelines. Construction was scheduled to begin in mid-1994.

Description: This pipeline is a 54-mile, 12-inch gas pipeline, in water depths ranging from 230 to 2,400 feet, extending from Garden Banks Block 388 to a proposed platform in Eugene Island Block 315 where it connects with a Tennessee Gas Pipeline 12-inch diameter line.

EP OPERATING COMPANY SYSTEM



High Island Offshore System (HIOS)
and
UT Offshore System (UTOS)
(Western Louisiana and Texas)

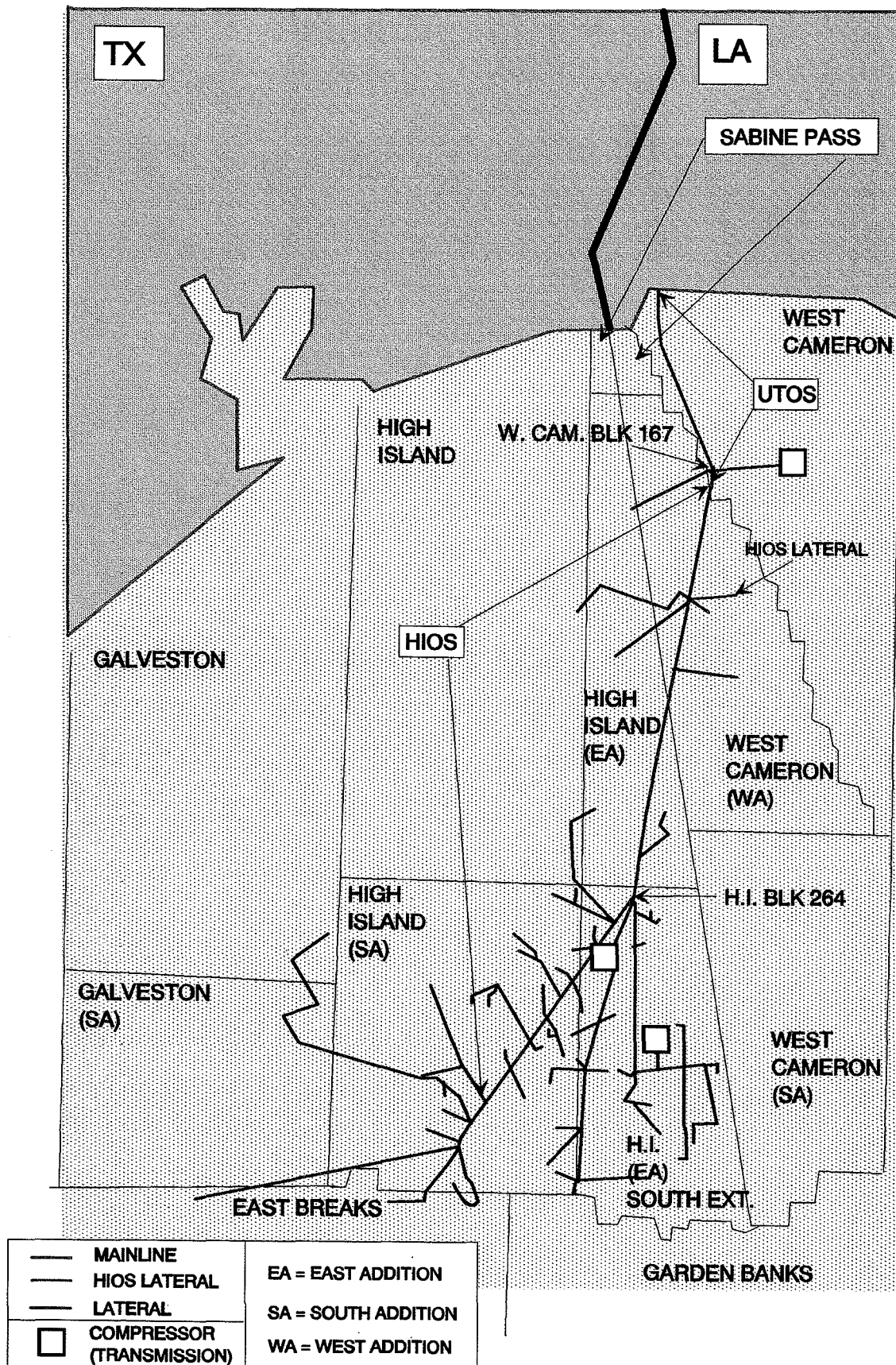
Owner/Operator: Partnership of subsidiaries of ANR Pipeline Co., Natural Gas Pipeline Co. and Leviathan Gas Pipeline Co.

Status: Jurisdictional and operational

Description: HIOS is shaped like a three-pronged fork pointing generally south-by-southwest into production areas in the Western Louisiana area of the Gulf of Mexico; the three prongs are 41.2-mile East Leg, 41.3-mile Central Leg, and 54.4-mile West Leg, and all legs converge at High Island Block 264 and deliver into HIOS' main trunkline extending 66 miles to West Cameron Block 167 and delivering to ANR and UTOS. HIOS also delivers relatively small volumes to Stingray through interconnection at terminus of East Leg in High Island Block 330-A.

UTOS extends from interconnection with HIOS at West Cameron Block 167 to interconnection with other pipelines at Johnson's Bayou in Cameron Parish LA.

HIOS-UTOS SYSTEM*



* HIOS and UTOS are owned by ANR, NGPL, and Leviathan Gas Pipeline Co.; operated by ANR. Lateral lines are owned by multiple parties.

Leviathan Gas Pipeline

(Central Louisiana)

Owner/Operator: Leviathan Gas Pipeline Partners L.P., a subsidiary of DeepTech International, Inc., is primarily a gas gatherer. Leviathan is a partner in HIOS and UTOS and has acquired the former Green Canyon Line and extension, originally owned by Placid/Hunt interests. Leviathan jointly owns the Viosca Knoll Gathering System (with Tenneco Gas Gathering) being constructed in the Viosca Knoll-Main Pass area of Eastern Louisiana (see profile). Leviathan is also a joint owner, with NGPL Offshore Company, of Stingray Pipeline in Western Louisiana (see profile).

Status: Operational pipeline. At least part of Leviathan's pipeline system, Manta Ray (formerly Green Canyon Pipeline System) is non-jurisdictional. The Eugene Island to Ship Shoal line (formerly Tarpon) is jurisdictional, as are Leviathan's interests in Stingray, HIOS and UTOS.

Description: Leviathan's holdings¹ in Central Louisiana are

◆ **Manta Ray Gathering System**

1. Original Green Canyon Line (a 51-mile, 16-inch diameter gas pipeline and parallel 14-inch crude oil pipeline extending from Green Canyon Block 29, in 1,640 feet of water, to Ship Shoal Block 207, interconnect with Texas Gas Transmission (see map)
2. Green Canyon extension includes
 - (a) 25.39-mile, 20-inch diameter pipeline from South Marsh Island (SMI) Block 174 to interconnect with Transco in SMI Block 106;
 - (b) Block 52 Lateral: 26.57-mile 16-inch diameter pipeline from Green Canyon Block 52 to SMI Block 174;
 - (c) 4.02-mile, 10.75-inch diameter pipeline from Green Canyon Block 6 to an interconnect with the Block 52 Lateral in Ewing Bank Block 976;

¹ Stingray, HIOS, UTOS and Viosca Knoll Gathering System are separately profiled.

(d) 10.22-mile, 16-inch diameter pipeline from SMI Block 205 to SMI Block 174; and

(e) various meters and regulating stations.

Deliverabilities at the various blocks are

SMI Block 174 - 10 MMcf/d

SMI Block 205 - 90 MMcf/d

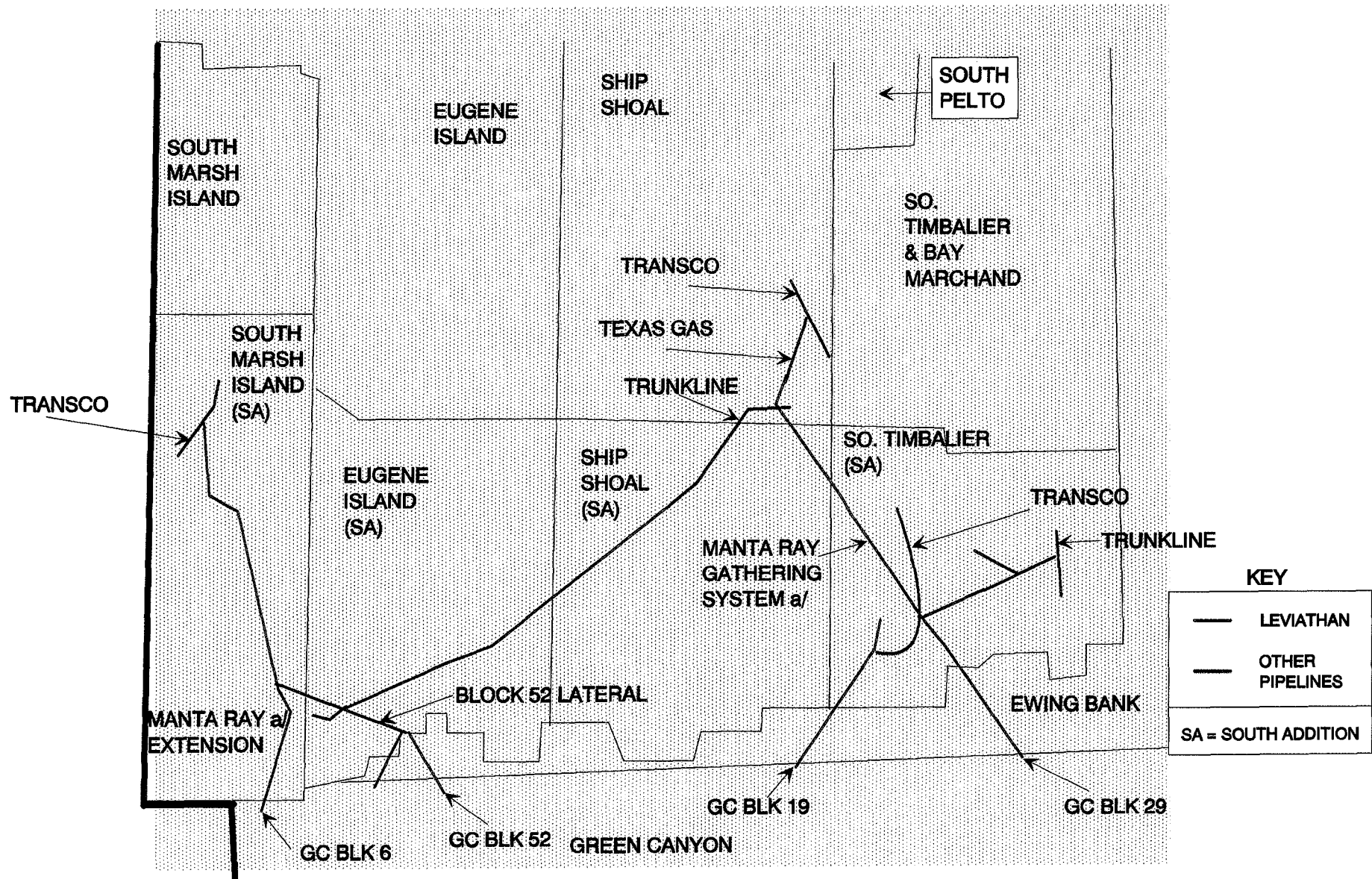
Green Canyon Block 52 - 85 MMcf/d

Green Canyon Block 6 - 50 MMcf/d

SMI Block 106 - 225 MMcf/d

- ◆ Line from Eugene Island Block 380 to Ship Shoal Block 274 (formerly Tarpon) is a 40.12-mile, 16-inch diameter line interconnecting with Trunkline Gas.

LEVIATHAN GAS PIPELINE PARTNERS L.P.



a/ Formerly Green Canyon Pipeline System and Green Canyon Extension.
 Leviathan Gas Pipeline Partners L.P. is a subsidiary of DeepTech International, Inc.

Main Pass Gathering Company

(Eastern Louisiana)

Owner/Operator: A partnership of Centana Gathering Company (Operator) and CNG Main Pass Gas Gathering Corp.

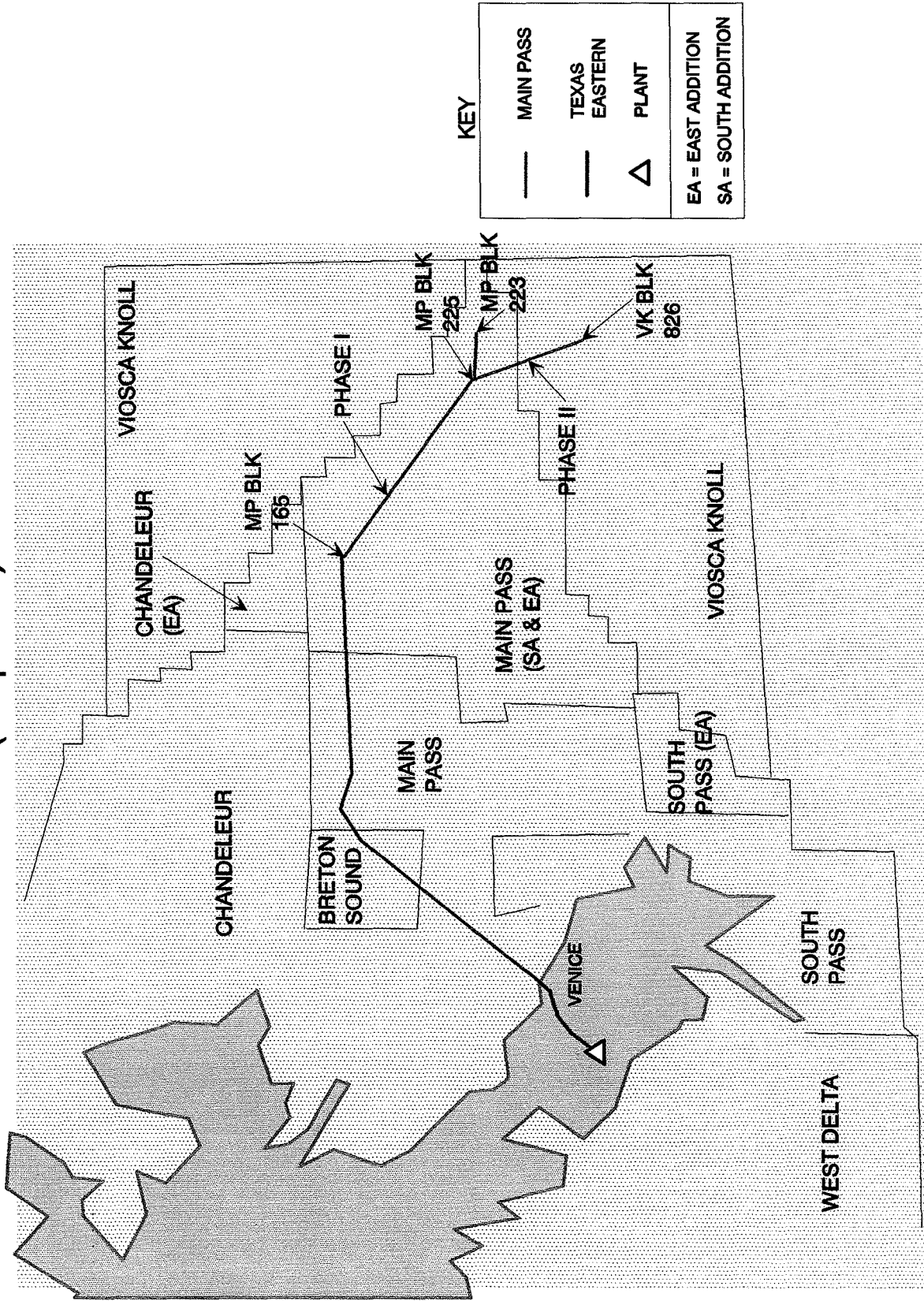
Status: Construction of Phase 1 began in late 1995, and is proposed to be completed in early 1996. Phase 2 is proposed to be completed by the end of 1996.

Description: Phase 1 will be a 30-mile, 20-inch diameter gas line from Main Pass Block 225 to an existing interconnect with Texas Eastern Transmission in Main Pass Block 165 and a 5-mile, 12-inch diameter wet gas line from Main Pass Block 223 to Main Pass Block 225. The gas will be transported to the Venice plant onshore, as shown on the map.

Phase 2 will be a 17-mile, 8-inch diameter line, extending from Main Pass Block 225 to Viosca Knoll 826.

The gathering system will have the capacity to carry 300 MMcf/d of gas, and 5,000 b/d of condensate.

MAIN PASS GAS GATHERING COMPANY (Proposed)



Matagorda Offshore Pipeline System (MOPS) (Texas)

Owner/Operator: Northern Natural Gas Co. Various segments are jointly owned with other pipelines

Status: Operational; in May 1995, Northern Natural applied for permission to spin down facilities to Enron Gulf Coast Gathering Limited Partnership.

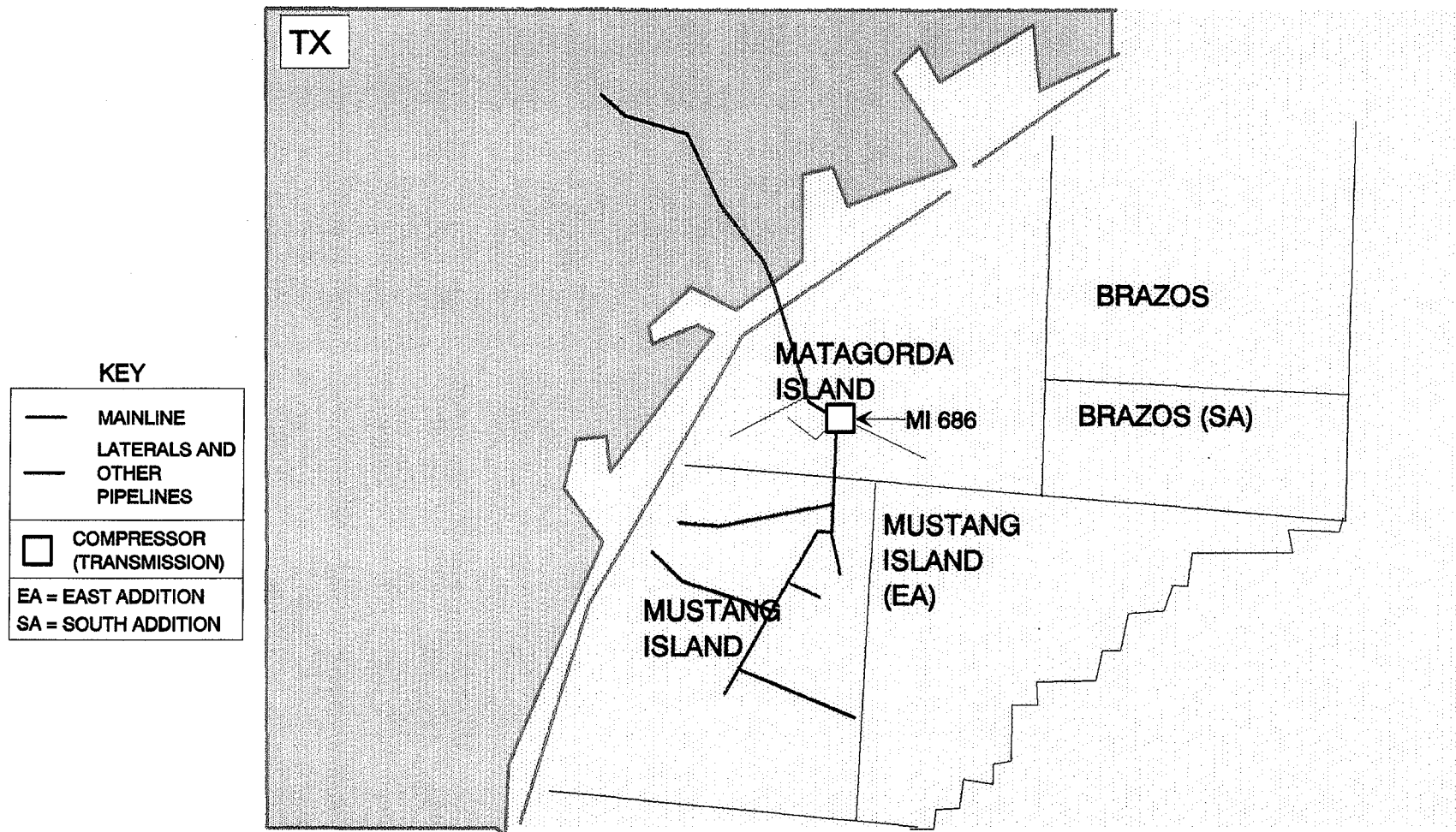
Description: MOPS is configured as an inverted "Y" with western and southern laterals feeding into a south-north line terminating onshore. In total, MOPS facilities consist of approximately 60 miles of 24-inch pipeline, 25 miles of 20-inch pipeline and 9 miles of 10-inch pipeline, along with a compression facility and other small diameter pipelines, involving Northern Natural and other companies as follows:

	Length (Miles)	Diameter (Inches)	Pressure (psig)	Owners/ Operators	Origin/ Destination
MOPS Phases I and II	42.0	24	880	NNG, SNG, FGT	Matagorda Island 664, 665, 686/onshore interconnect with Houston Pipe Line
Matagorda Island Block 700	0.5	10	1,059	NNG	Matagorda Island 700/Mustang Island 758 lateral in Matagorda 713
Matagorda Island Block 713	0.8	12	1,059	NNG, Tennessee	Matagorda Island 713/Mustang Island 758
Mustang Island Block 755	9.4	10	1,080	NNG	Mustang Island 755/Mustang Island 738 interconnection with joint line of NNG, SNG, Transco and NGPL
Mustang Island Block 758	16.8	24	NA	NNG, Transco, NGPL, FGT	Mustang Island 758/Matagorda 686 inter- connection with joint line of NNG, SNG and FGT
Mustang Island Blocks 787 & 805	1.6	12	1,190	Morgan Assoc., leased by NNG	Mustang Island 787/Mustang Island 786
Mustang Island Block 831	25.0	20	1,080	NNG	Mustang Island 831/Mustang Island 758 and Tejas Pipeline onshore

During the 1980s, Northern extended MOPS to interconnect with (1) Koch Gateway Pipeline (onshore Texas) through 8.5-mile, 24-inch diameter line with 848 psig pressure; (2) Natural Gas Pipeline (onshore Texas) through 2.5-mile, 24-inch diameter line with 852 psig pressure; (3) Union Carbide's Seadrift system (from Tivoli) through 1.3-mile, 6-inch diameter line with 870 psig.

The Tivoli, Texas plant with dehydration capability of 450 MMcf/d is the terminus of MOPS and outlet for volumes into Houston Pipe Line, Florida Gas, Koch Gateway and United Texas Transmission. In 1984, Northern and Southern constructed a compressor platform in Matagorda Island Block 686, increasing design capacity to approximately 486 MMcf/d, and 2,300 feet of 16-inch diameter pipeline from the Block 686 platform to Southern's facilities connecting Blocks 703 and 710; in 1989 Northern acquired Southern's interest in the compression facilities. Facilities operate near 1,060 psig suction and 1,190 psig discharge.

MATAGORDA OFFSHORE PIPELINE SYSTEM (MOPS)*



* Certain pipeline segments are jointly owned lines with various parties; pipeline from MI686 onshore owned by Northern Natural, Southern Natural, and Florida Gas.

Sea Robin Pipeline

(Western and Central Louisiana)

Owner/Operator: Sonat, Inc. (parent of Southern Natural Gas) and Southern Natural Gas Company

Status: Interstate pipeline originally organized as a joint venture of affiliates of the old United Gas Pipe Line (now Koch Gateway) and Southern Natural Gas. Southern is now the sole owner through two subsidiary corporations. Sea Robin is seeking nonjurisdictional status for its operations. Sea Robin represents almost one-half of Sonat's offshore mileage in the Gulf of Mexico. The company's remaining mileage is owned by Southern Natural Gas, a jurisdictional pipeline operating in the Eastern Louisiana region of the Gulf (see profile).

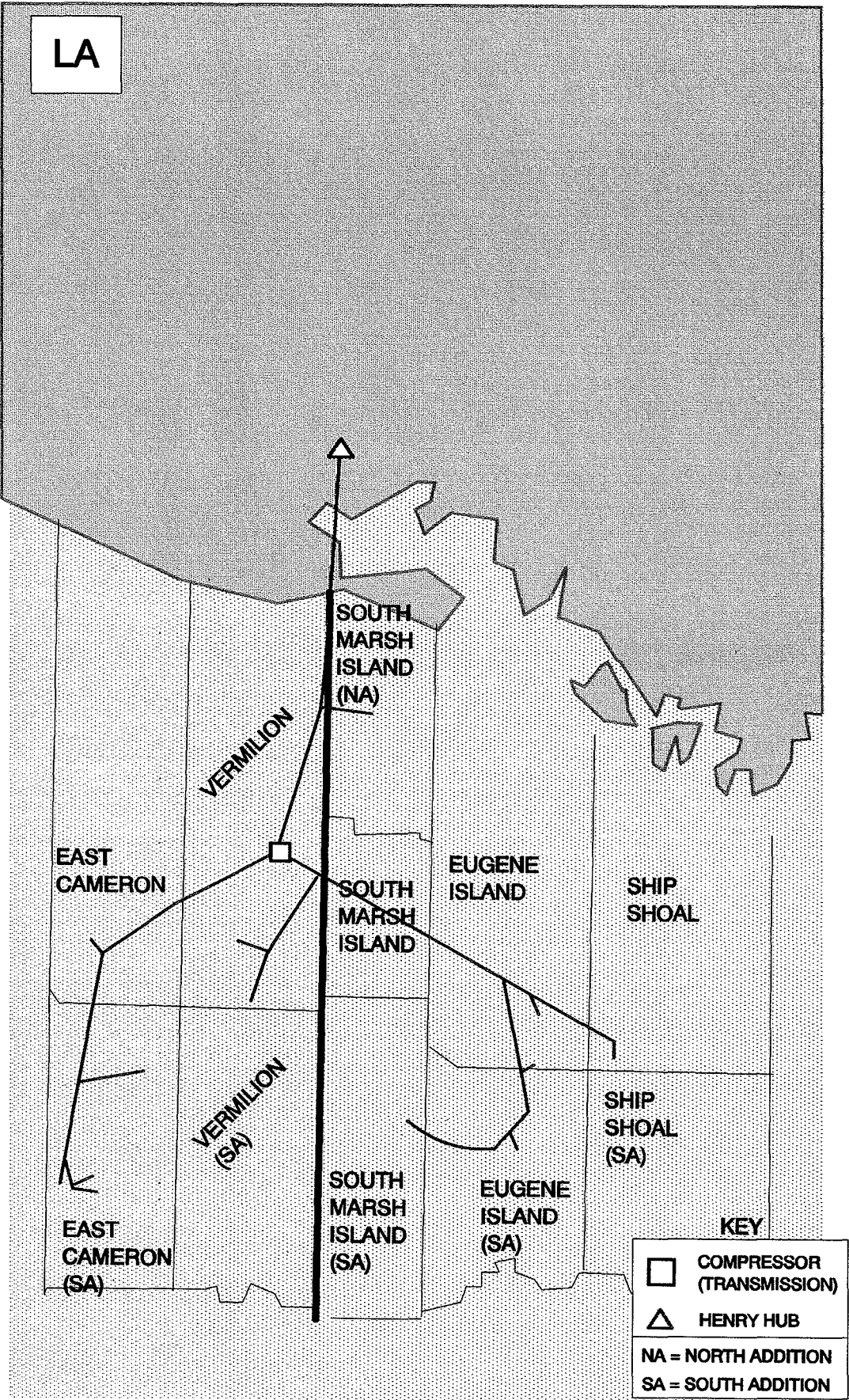
Description: Sea Robin's 440 miles of facilities are configured as an inverted "Y" and are concentrated in the South Marsh Island, Eugene Island, and Ship Shoal fields of Central Louisiana but extend also into the Vermilion and East Cameron fields of western Louisiana. Sea Robin also has a few laterals in the West Cameron area which are connected to Stingray.

These facilities make deliveries onshore at Erath, Louisiana to five connecting pipelines, including Southern, Koch Gateway, and Columbia Gulf.

Sea Robin's mileage located in federal waters is summarized below by diameter:

Sea Robin's Federal Offshore Mileage by Diameter					
	0-8"	9-18"	19-27"	>27"	Total
Central Louisiana	14	38	119	47	219
Western Louisiana	18	36	38	95	186
TOTAL	32	74	157	142	405

SEA ROBIN PIPELINE CO.



Sea Robin Pipeline Co. is wholly owned by Southern Natural Gas Co.

Shell's Auger Line

(Western Louisiana)

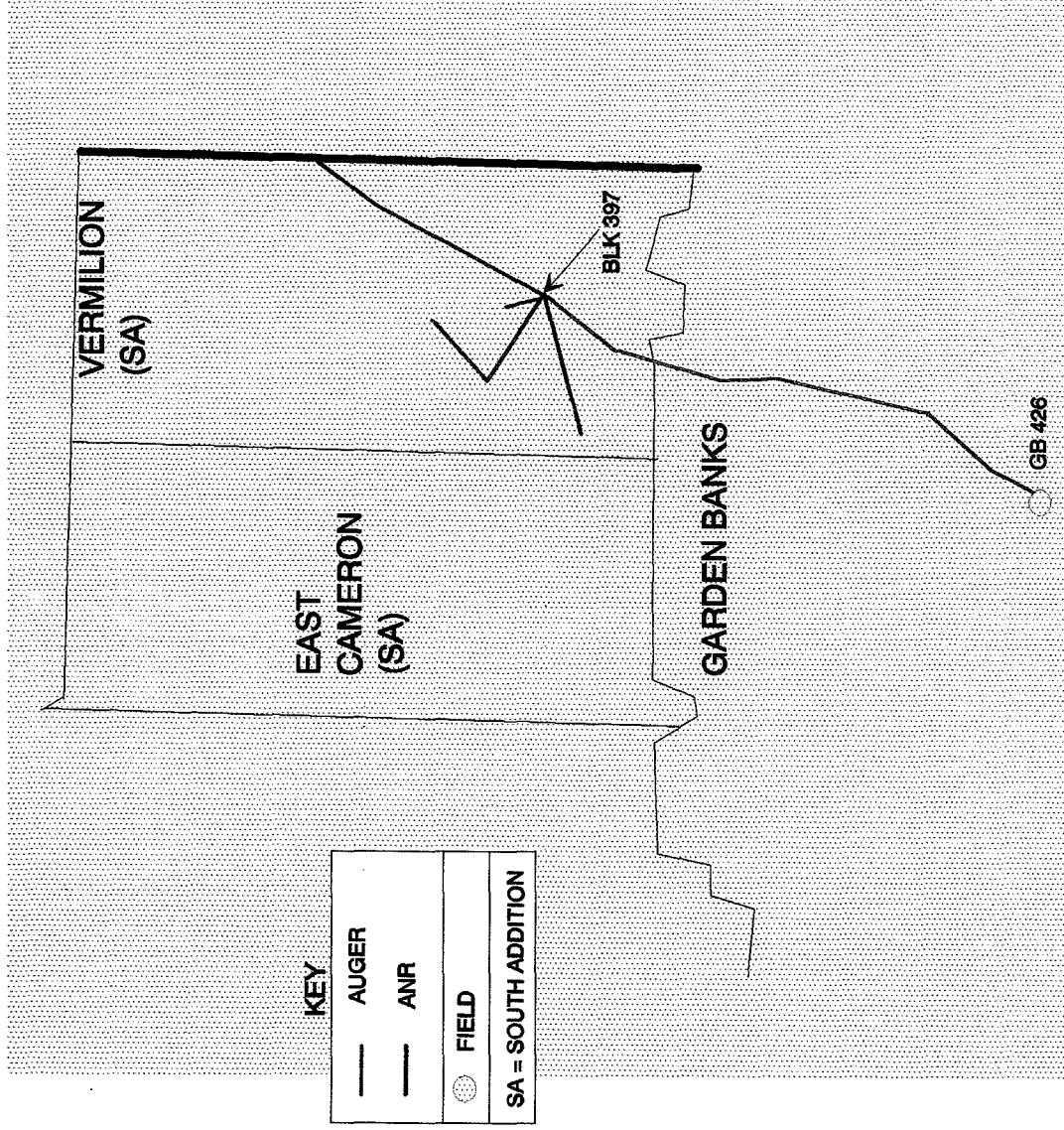
Owner/Operator: Shell Gas Pipeline, a subsidiary of Shell Oil Co. In total, Shell owns 320 miles of offshore pipeline and is the ninth largest pipeline owner in the Gulf. In addition, Shell has two offshore pipeline projects -- Mississippi Canyon and the Cognac prospect, both in Eastern Louisiana.

Status: Operational; received declaratory order in May 1991 for nonjurisdictional status

Description: The Auger Line is a 36-mile, 12-inch diameter line (see map) to gather gas produced by affiliate Shell Offshore, Inc., from its deepwater Auger prospect in four blocks of the Garden Banks area; the line extends from Garden Banks Block 426 platform to interconnect with ANR Pipeline in Vermilion Block 397. Design capacity is 150 MMcf/d at 1,750 psig. Gas is minimally separated and dehydrated on the platform and processed onshore at the Calumet plant.

Production of 125 MMcf/d is projected, once all 14 wells are completed in 1995.

SHELL GAS PIPELINE CO. - AUGER LINE (Western Louisiana)



Shell's Mississippi Canyon Gathering System

(Eastern Louisiana)

Owner/Operator: Shell Gas Pipeline, a subsidiary of Shell Oil Co. In total, Shell owns 320 miles of pipeline in the offshore areas and the company is the ninth largest pipeline owner. These facilities include the Auger project (see profile) and the proposed Cognac line.

Status: Shell requested expedited action and FERC declaratory order disclaiming jurisdiction on 10/4/95; one segment, the Mars lateral, was declared nonjurisdictional in December 1994.

Description: The system is a proposed three-segment gathering system designed as an inverted "Y" to support deepwater production development by affiliate Shell Offshore Inc. in the Mississippi Canyon area: Segment 1 - 68-mile, 12-inch diameter line from Mensa Prospect in Mississippi Canyon Block 731 to platform in West Delta Block 143; Segment 2 - 45-mile, 14-inch diameter line from Mars Prospect in Mississippi Canyon Block 807 to same West Delta platform; and Segment 3 - 45-mile, 30-inch diameter line from West Delta Block 143 to Venice processing plant onshore in Plaquemines Parish, LA (see map).

System will offer no compression because pressure from subsea wells is sufficient at 6,000 psig in segment 1, 1,550 psig at the platform in segment 2, and 1,200 psig at the platform and 1,050 psig at the plant in segment 3. Segment 1 will transport gas, while segments 2 and 3 will transport gas and retrograde condensate. Segment 3 will have 600 MMcf/d capacity for gas and 123,000 bbl/d capacity of retrograde condensate.

The Mensa prospect is being developed exclusively by Shell Offshore and production is expected in 1997. Recoverable reserves are estimated as 720 Bcf with 300 MMcf/d production capacity. It will be a subsea development project at a depth of 5,400 feet, and host production facilities will be located 68 miles away at West Delta Block 143 -- the first attempt at deepwater production from this distance.

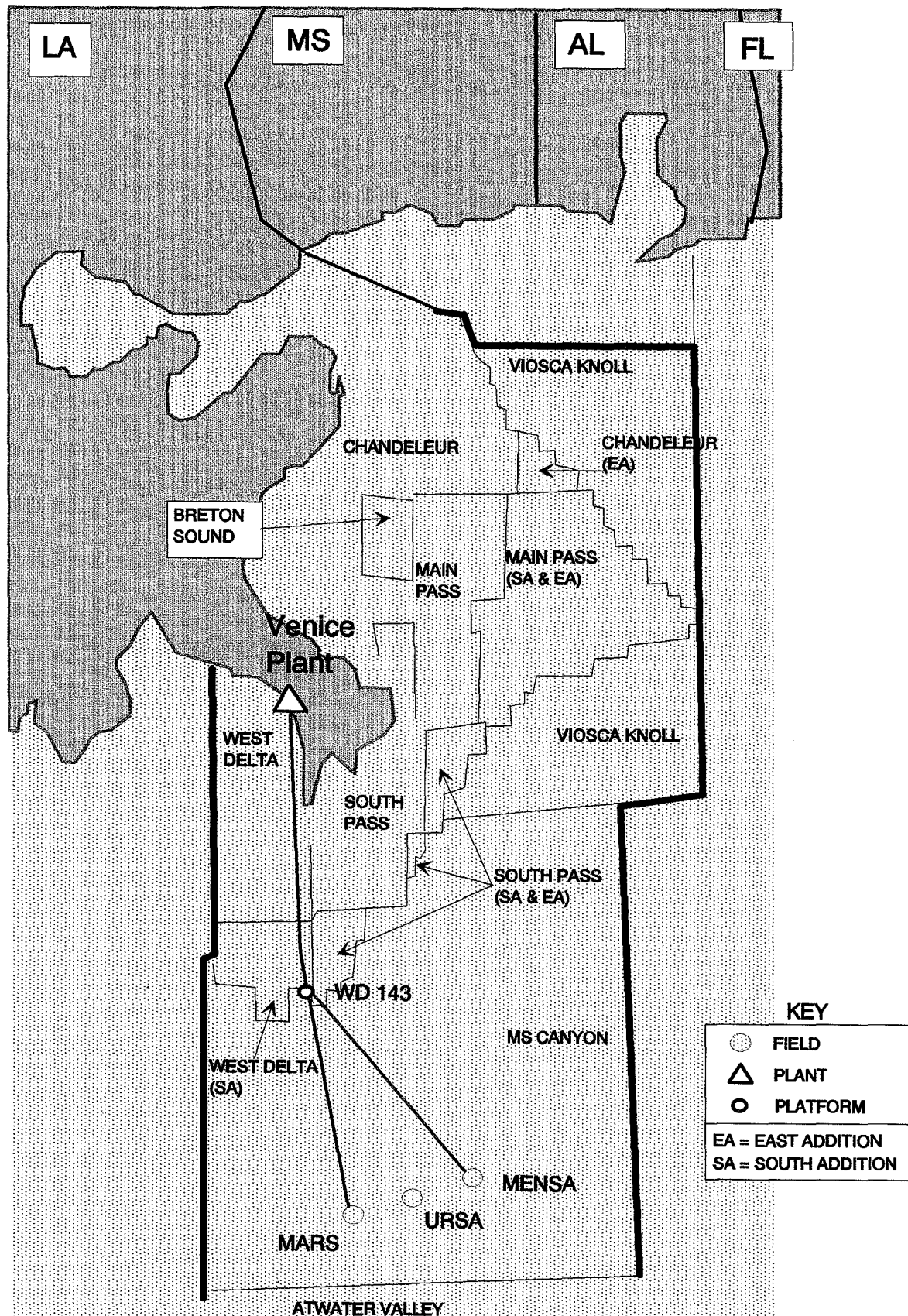
The Mars prospect is under joint development by Shell Offshore (71.5 percent) and BP Exploration (28.5 percent) and represents the "largest" Gulf of Mexico oil discovery in 20 years. Depth is 2,940 feet and Phase I deliverability is estimated as 110 MMcf/d

gas, 100,000 bbl/d oil and 2,400 bbl/d retrograde condensate. Production is scheduled to begin in June 1996.

Shell Offshore also operates the Ursa prospect found at a depth of 3,950 feet in Mississippi Canyon Block 809. It is currently being evaluated for further development by owners Shell Offshore (45 percent), BP Exploration (23 percent), Conoco (16 percent) and Exxon (16 percent).

Shell proposes to separate and remove the condensate at onshore facilities. Besides, the estimated project deliverability exceeds available capacity of "nearest" pipelines, located over 40 miles away.

MISSISSIPPI CANYON GATHERING SYSTEM



Mississippi Gathering System is a proposed system to be constructed by Shell Gas Pipeline to serve Shell Offshore Inc. gas projects.

Southern Natural Gas

(Eastern Louisiana)

Owner/Operator: Southern Natural Gas is a wholly owned subsidiary of Sonat, Inc.

Status: Southern Natural is an interstate gas pipeline subject to FERC jurisdiction.

Description: Southern owns and operates an extensive pipeline system in Eastern Louisiana. This system extends from virtually every producing area in this region, with concentration in the Main Pass area. In total, Southern's federal offshore mileage is as follows:

Southern Natural Gas' Mileage by Diameter					
	0-8"	9-18"	19-27"	>27"	Total
Louisiana	99	226	105	—	430
Texas	6	20	—	—	26
TOTAL	105	246	105	0	456

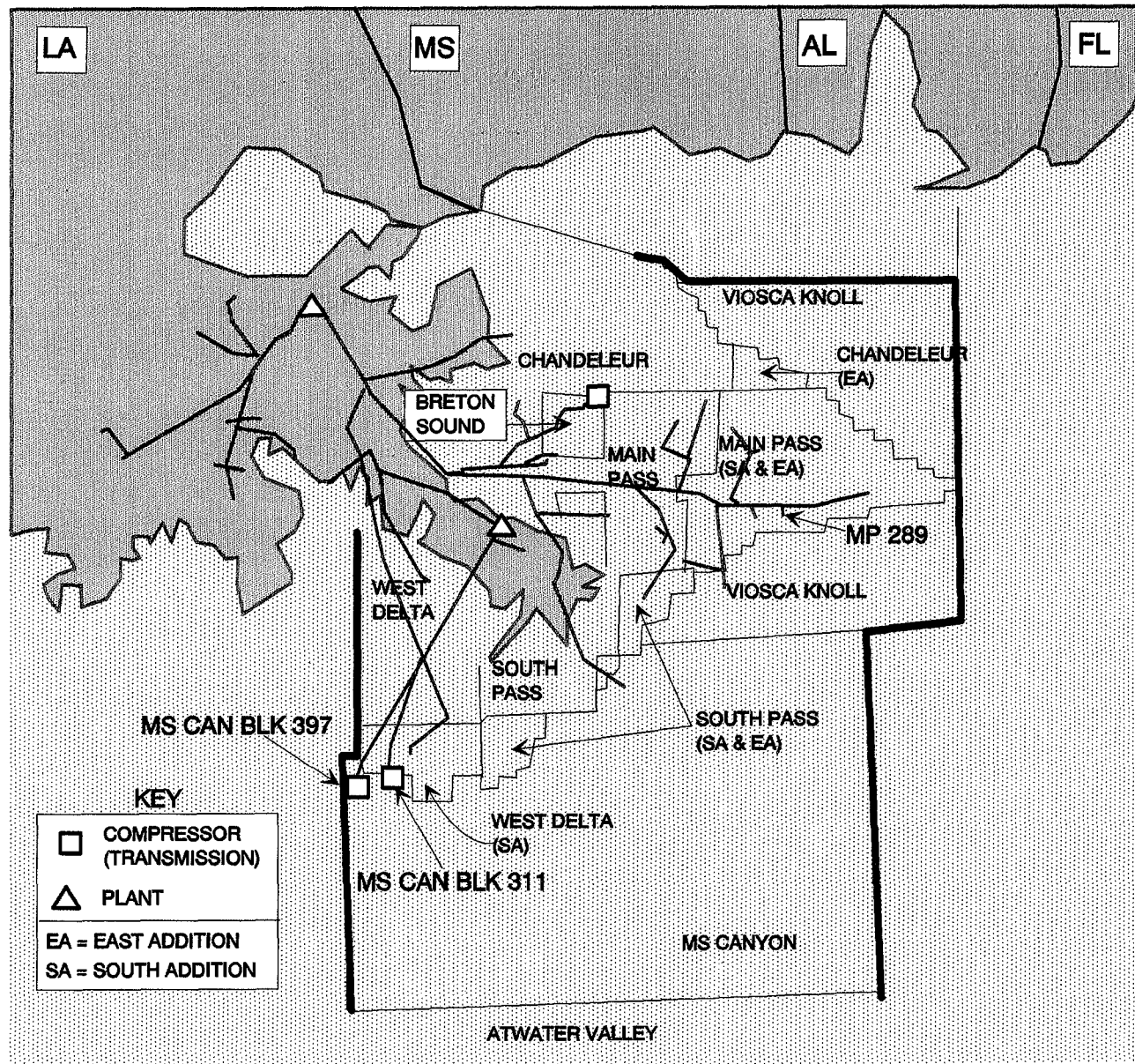
Southern owns 17 percent of the total Eastern Louisiana mileage in federal waters. Southern also owns 172 miles in Eastern Louisiana state waters.

Southern's line pressure is generally 1,200 or 1,440 psig. Southern has three offshore compressors in this region.

Southern's facilities gather gas from over 30 federal producing leases in the Eastern Louisiana region. The majority of the connections are on leases in the Main Pass area. Southern also gathers from state water leases, e.g., Breton Sound, Chandeleur, Main Pass and South Pass areas.

In 1991, Southern received a Section 7(c) certification from the Commission to construct and operate a pipeline and compression facility extending from a production facility in Mississippi Canyon Block 397 (operated by Exxon) to Southern's onshore Venice-Lake Washington pipeline in Plaquemines Parish. This Mississippi Canyon line is approximately 59 miles of 20-inch diameter pipe, interconnecting with Southern's 18-inch West Delta Block 105 line. The Mississippi Canyon line has capacity of 162 MMcf/d to its interconnect with the West Delta line, when the capacity increases to 198 MMcf/d for onshore delivery.

SOUTHERN NATURAL GAS



Stingray Pipeline Co.
(Western Louisiana)

Owner/Operator: Stingray Holding Corp. (subsidiary of Leviathan Gas Pipeline) and NGPL Offshore Co. (subsidiary of Natural Gas Pipeline); operated by Natural

Status: Jurisdictional interstate pipeline constructed in the mid-1970s.

Description: Stingray operates 318 miles in the Western Louisiana area, 5 percent of the region's total (see map). Distribution by diameter is as follows:

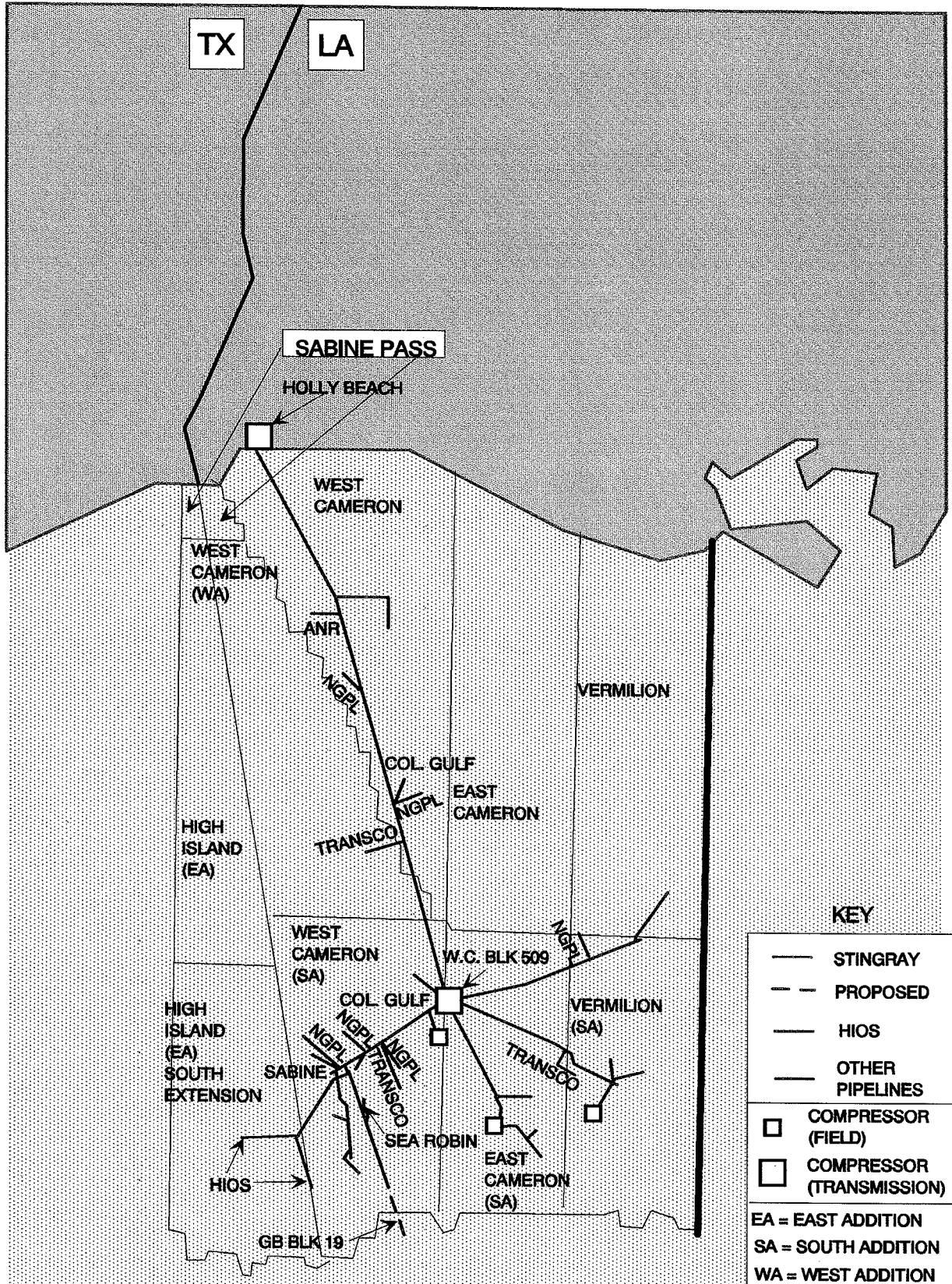
Stingray's Federal Offshore Mileage by Diameter					
	0-8"	9-18"	19-27"	>27"	Total
TOTAL	1	90	130	97	318

Facilities are concentrated in Western Louisiana, transporting production from various blocks in West Cameron, East Cameron and Vermilion fields to onshore point near Holly Beach, Louisiana. Stingray also connects reserves in the High Island field and delivers to and receives gas from the HIOS pipeline.

Stingray has one transmission compressor at West Cameron Block 509, and three smaller field compressors in Vermilion, east of West Cameron areas.

STINGRAY PIPELINE COMPANY

(Western Louisiana)



Stingray Pipeline Co. is jointly owned by Leviathan Gas Pipeline Company and NGPL Offshore Company.

Superior Offshore Pipeline Company

(Western Louisiana)

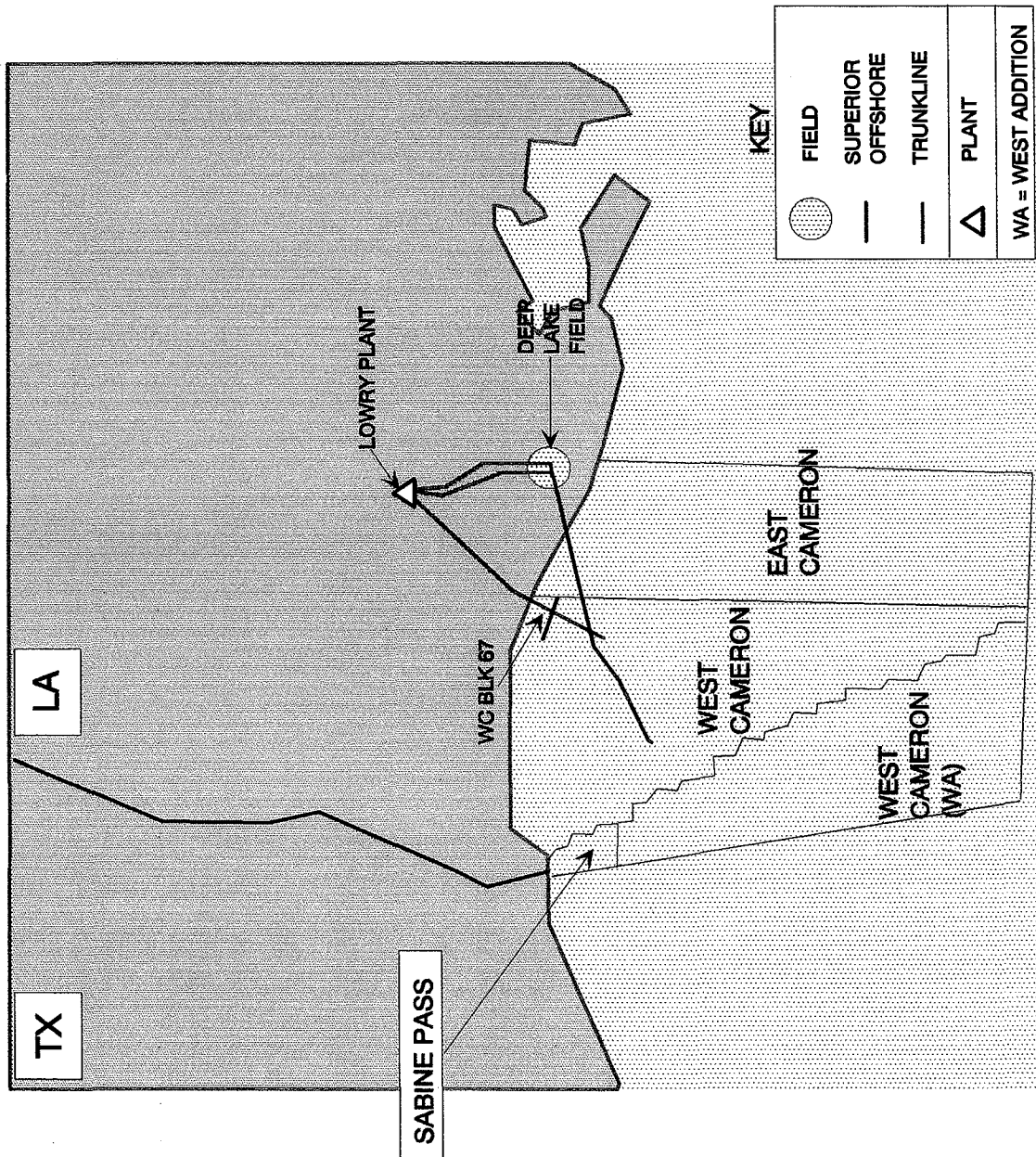
Owner/Operator: Superior Offshore Pipeline Company is a wholly owned subsidiary of Mobil Exploration and Producing North America Inc., which in turn is a wholly owned subsidiary of Mobil Corporation.

Status: Superior received a FERC declaratory order disclaiming jurisdiction as gathering on 5/27/94

Description: Superior's offshore lines have two segments from the West Cameron area through the East Cameron area to onshore Louisiana and terminating at the Lowry Plant.

- ◆ 73-mile high-pressure line from West Cameron Block 149 to the Lowry Plant, onshore Cameron Parish.
 - 18.94-mile, 12-inch diameter line from West Cameron Block 149 to West Cameron Block 71;
 - 28.25-mile, 16-inch diameter line, including 15.15 miles federal, 5 miles state, and 8 miles onshore from West Cameron Block 71 to Deep Lake field in Cameron Parish;
 - 25.91-mile, 24-inch diameter line from Deep Lake field to the Lowry Plant. The design capacity is 350 MMcf/day at maximum operating pressure; at normal operating pressure, design capacity is 220 MMcf/day
- ◆ 39.2-mile, 12-inch low pressure line that includes 31.6 miles formerly owned by Trunkline (of which 3.5 miles are in federal waters, 3 miles in state waters, and 25.1 miles are onshore) from West Cameron Block 71 to the Lowry Plant, and 7.6 miles from a platform in West Cameron Block 102 to Trunkline's pipeline in West Cameron Block 67. Design capacity is 91.7 MMcf/d at maximum operating pressures, 70 MMcf/day at normal operating pressure.

SUPERIOR OFFSHORE PIPELINE COMPANY



Tejas Power Corp.
(Texas)

Status: In August 1995, Tejas Power Corp. purchased nine offshore pipeline gathering systems that total 226 miles (as well as 10 onshore gathering systems totaling 218 miles), the Matagorda Gas Plant (with capacity of 200 MMcf/d) and a condensation stabilizer facility from Seagull Energy and three other sellers (units of Enron Corp., Panhandle Eastern and Amoco Corp.)

Description: Tejas' offshore gathering lines include the Cavallo Pipeline, the El Gordo System, and the Seagull System. Tejas also operates the Galveston Island Gathering System and the Matagorda Area Gathering System, and owns Mitco Pipeline Co.

- ◆ Cavallo Pipeline is an interstate pipeline located in the Matagorda Island area in Texas state waters, designed as an inverted "Y" with western and eastern branches feeding into north/south line that terminates onshore. Western branch is 15.7-mile, 16-inch diameter line from Matagorda Island Block 526 to Block 485 and subsea interconnection with El Gordo System intrastate facilities. Eastern branch links Matagorda Island Block 485 to Block 519 and onshore interconnections with Houston Pipe Line and Seagull Shoreline system near Oyster Lake facilities of onshore Matagorda County. Both branches serve platforms in state and federal waters. Delivery pressure ranges from 1,000 to 1,500 psig.
- ◆ El Gordo System is an intrastate 5-mile, 6-inch diameter line from Matagorda Island Block 519 to Houston Pipe Line's 20-inch line in Matagorda Island Block 520.
- ◆ Seagull System (offshore Texas) has two parts - Seagull Interstate and Seagull Shoreline.

(1) Seagull Interstate (declared nonjurisdictional in 1992):

- "555 line" is a 6-mile, 16-inch line extending from Matagorda Island Block 555 platform to subsea interconnection in Matagorda Island Block 526 (Texas state waters) with Cavallo Pipeline. This system includes design capacity of 75 MMcf/d; separation and dehydration on the platform, along with 1,500 HP of compression; additional compression and

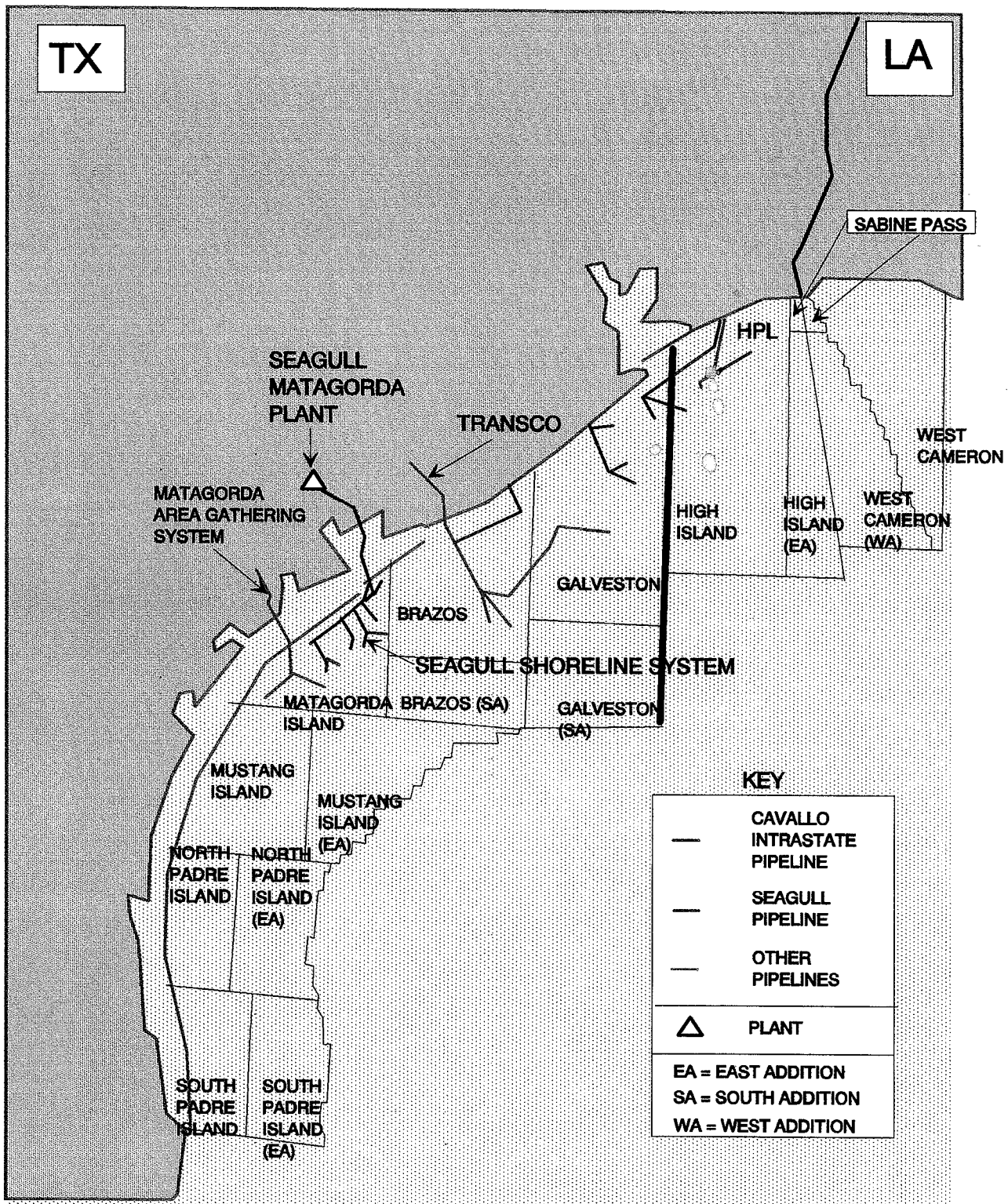
processing downstream of both the 555 line and Cavallo;

- "213 line" is a 5.67-mile, 6-inch diameter line extending from Galveston Island Block 213 to subsea interconnection in Block 214 (Texas state waters) (3 miles are Federal) with Tejas' Block 214 line; (line is idle because the single well behind the line is depleted); design capacity was 8 MMcf/d gas and 150 bbl/d condensate and oil, assuming 1,000 psig platform pressure.

(2) Seagull Shoreline System is a 45.6-mile, 24-inch diameter intrastate pipeline in offshore Calhoun and Matagorda Counties, Texas. The pipeline extends from Matagorda Island Blocks 623 and 624 to the Cavallo line. A 12-inch lateral extends from Matagorda Block 564 to an interconnection with a 24-inch main line of Houston Pipe Line.

- Mitco Pipeline Co. is a 8.5-mile, 6-inch pipeline which extends from Galveston Island Block 189 (federal) to Galveston Island 214 (state lease) where it connects with Seagull's "213" line.
- Galveston Island Gathering System is a 12-mile, 16-inch diameter line from Galveston Island Block 334 (state waters) to Brazos Block 365 (state lease) where it interconnects with an onshore pipeline; 4.6-mile, 6-inch diameter line from Galveston Block 333 (federal) to Galveston Block 343; and 2.7-mile, 16-inch diameter line from Galveston Block 333 to Galveston Block 334.

TEJAS POWER CORP. SYSTEM (Texas)



Tennessee Gas Pipeline

(All Areas Except Eastern Gulf)

Owner/Operator: Tennessee Gas Pipeline is a wholly owned subsidiary of Tenneco, Inc.

Status: Interstate pipeline subject to FERC jurisdiction

Description: Within the Gulf of Mexico, Tennessee owns and operates about 1,141 miles of pipe and is the second largest pipeline operating offshore.

By diameter, Tennessee's federal offshore lines are as follows:

TENNESSEE'S FEDERAL OFFSHORE MILEAGE					
	<8"	8 - 18"	19 - 27"	>27"	Total
Eastern Louisiana	26	35	19	18	98
Central Louisiana	105	201	89	80	474
Western Louisiana	89	245	79	133	545
Texas	9	14	—	—	23
Total	229	494	186	232	1,141

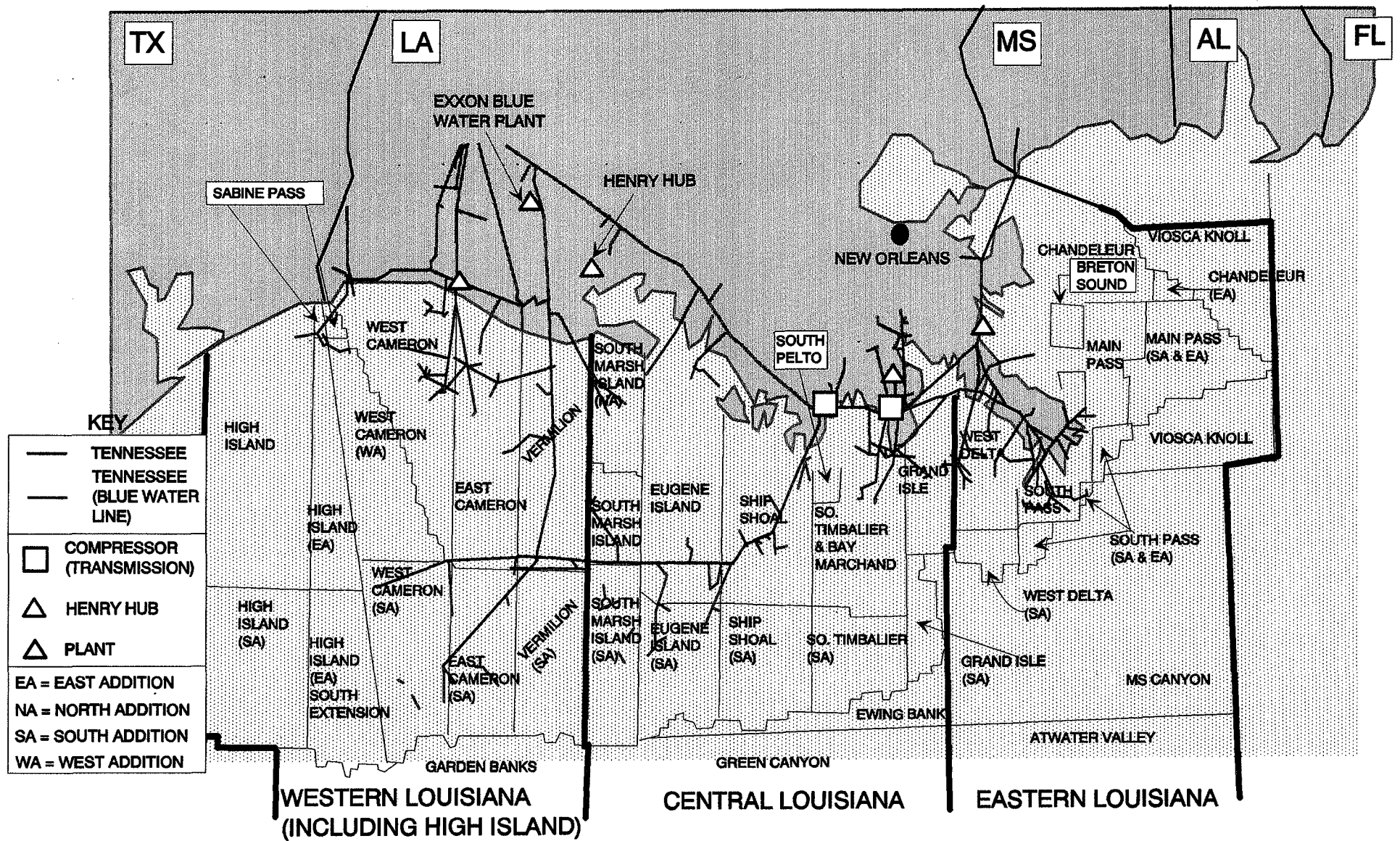
NOTE: Totals may not compute due to independent rounding.

Tennessee's offshore system is not highly concentrated in any one area of the Gulf, but rather attaches reserves in High Island, Sabine Pass, and the West Cameron and East Cameron fields of Western Louisiana; Ship Shoal, Grand Isle, Eugene Island, and South Marsh Island fields of Central Louisiana; and South Pass and West Delta fields of Eastern Louisiana.

Offshore Texas facilities include Galveston and Brazos locations.

One of Tennessee's major offshore pipelines is the Blue Water line, a project jointly owned with Columbia Gulf. This facility includes a 72-mile, 30-inch header line from Vermilion Block 245 to Ship Shoal Block 198, and a 61-mile line from Ship Shoal interconnecting with Tennessee in Terrebonne Parish, Louisiana. The western leg is operated by Columbia Gulf and is a 74-mile, 36-inch pipe from Vermilion Block 245 to onshore Louisiana. Five extensions have been constructed from West Cameron, East Cameron, and Vermilion producing areas totaling 47 miles of 12- to 30-inch pipe.

TENNESSEE GAS PIPELINE CO.



TOMCAT

(Texas)

Owner/Operator: TPC Pipeline, Inc. (intrastate pipeline subsidiary of Tejas Power Corp.)

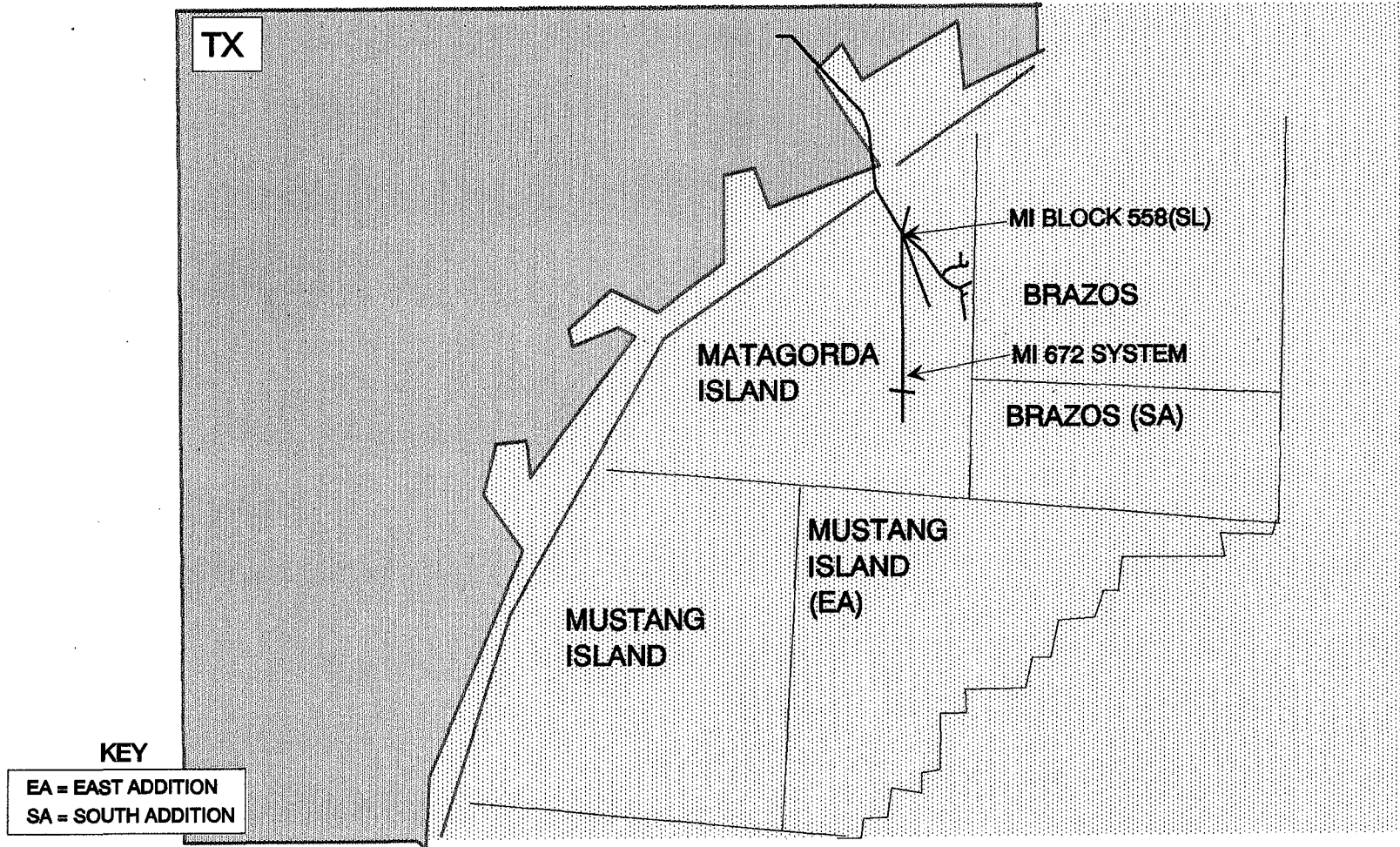
Status: Began nonjurisdictional intrastate transportation service on 12/29/88; received declaratory order for nonjurisdictional gathering status in 1992.

Description: Tomcat is a 28-mile, 20-inch intrastate pipeline that transports production from Matagorda Island Block 558 in offshore Texas state waters to an onshore separation plant and interconnections with three intrastate and one interstate pipelines (see map).

Behind this facility are four separate lateral line systems of various lengths and diameters that converge at the Block 558 platform:

- ◆ MIAGS system -- 11-mile, 6-inch, 8-inch and 14-inch diameter line from nine Matagorda Island blocks in OCS waters to Block 558; operates at 1,040-1,120 psig; leases owned by Amerada Hess and Tejas Power
- ◆ Matagorda Island 604 system -- 11-mile, 16-inch diameter line from four blocks in OCS waters to Block 558 platform; operates at 1,080-1,160 psig; owned by Tejas Power
- ◆ Matagorda Island 672 system -- 25 miles of varying diameter line gathering gas from eight Matagorda Island blocks in OCS waters to Block 558; operates at 1,070 - 1,215 psig; owned by Tejas Power
- ◆ Walter Oil and Gas System -- 3-mile, 3-inch diameter line entirely in state waters from Block 525 to 558; not in service because production has ceased; owned by Walter Oil and Gas.

TOMCAT (Texas)



Tomcat is a pipeline owned by TPC pipeline, inc. (subsidiary of Tejas Power Corp.) and Transco Matagorda Pipeline Co. (subsidiary of Transco Gas Gathering Co.).

Transcontinental Gas Pipe Line

(Texas and Louisiana).

Owner/Operator: Transco Energy Co., owned by The Williams Co.

Status: Interstate gas pipeline subject to FERC jurisdiction, and the largest owner/operator of pipeline facilities in the Gulf of Mexico.

Description: Transco owns and operates an extensive network of offshore facilities throughout the Gulf, as shown on the following maps (Louisiana and Texas). Transco is the largest pipeline by mileage operating in the Gulf of Mexico with 1,560 miles in federal waters and 81 miles in state waters, or 11 percent of the total offshore mileage.¹ Transco's offshore facilities are divided into several systems:

- ◆ Central Texas Gathering System operates in the Brazos area of offshore Texas, delivering supplies to onshore interconnections with Transco's mainline and facilities of other interstates.
- ◆ Padre Island Pipeline System operates in the North and South Padre Island areas of offshore Texas, delivering supplies to onshore facilities.
- ◆ Southeast Louisiana Gathering System attaches several fields in the Ship Shoal, Eugene Island, Vermilion and South Marsh Island areas of the central Louisiana area of the Gulf to Transco's offshore trunkline. Recent system extensions have reached South Timbalier and Ewing Bank fields.
- ◆ Southwest Louisiana Gathering System attaches reserves in the High Island area of western Louisiana.
- ◆ Central Louisiana Gathering System connects fields in the East Cameron and Vermilion areas

¹ Includes Transcontinental Gas Pipe Line and Transco Gas Gathering, operating in Texas.

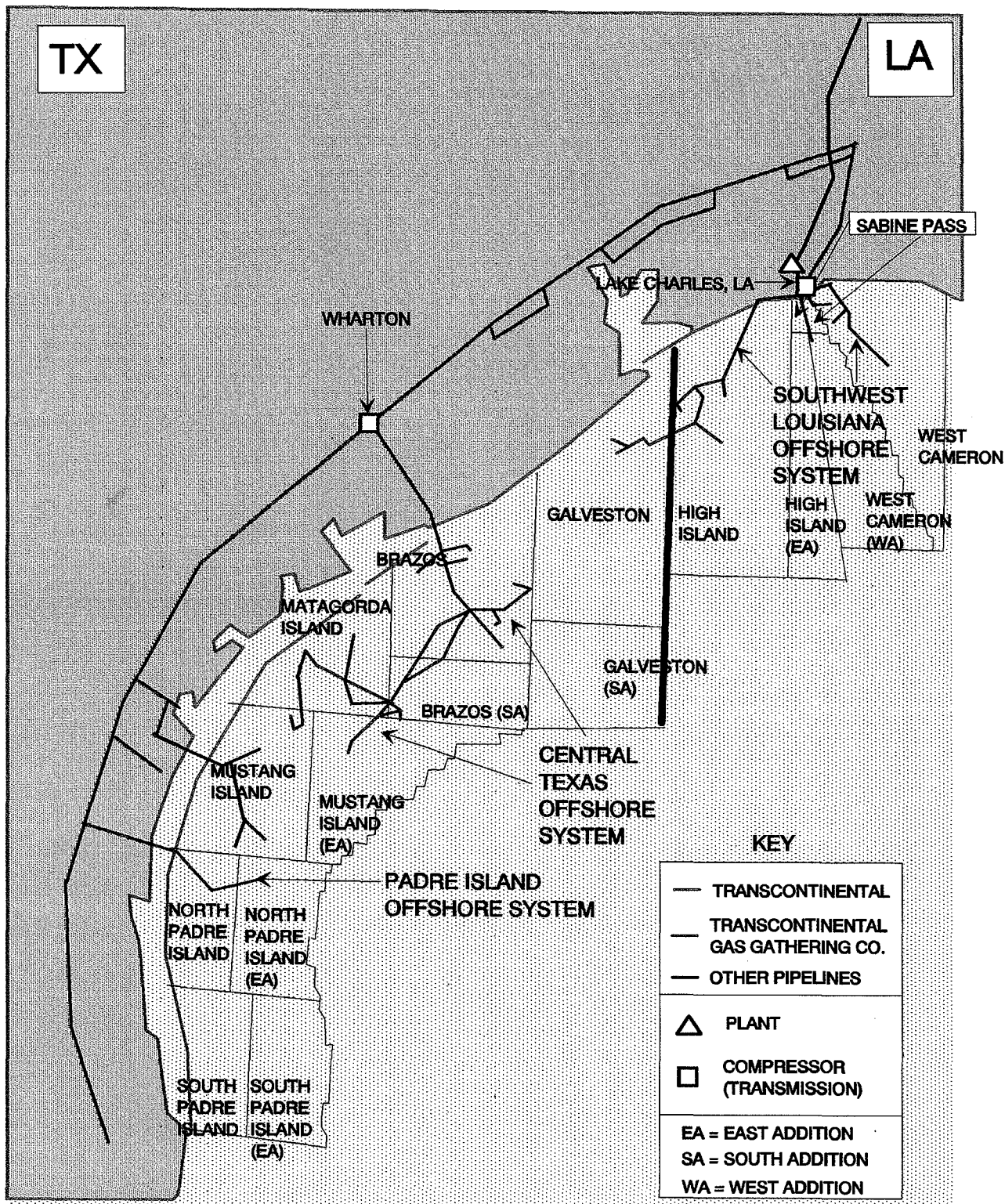
In the eastern Louisiana area of the Gulf, Transco is a partner with several other interstates in deepwater facilities connecting Mississippi Canyon reserves.

By diameter and region, Transco's mileage in federal waters is as follows:

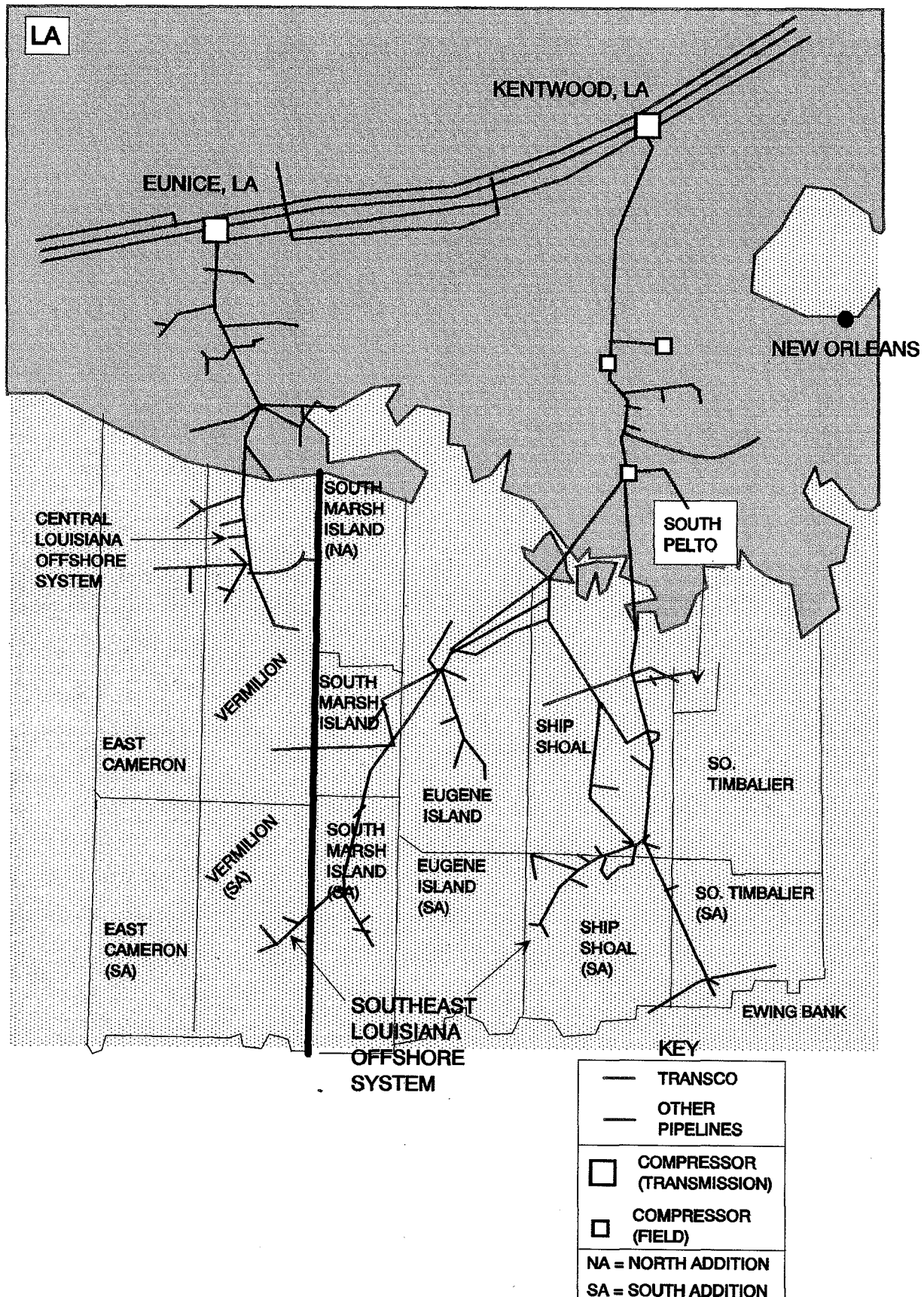
TRANSCO'S FEDERAL OFFSHORE MILEAGE					
	<8"	8 - 18"	19 - 27"	>27"	Total
Texas	18	191	171	75	454
Western Louisiana	60	244	135	—	439
Central Louisiana	89	303	245	—	637
Eastern Louisiana	8	21	—	—	29
Total	175	760	550	75	1,560

NOTE: Totals may not compute due to independent rounding.

TRANSCONTINENTAL GAS PIPE LINE CORP. (Texas)



TRANSCONTINENTAL GAS PIPE LINE CORP. (Louisiana)



Trunkline Gas Co.
(Central Louisiana)

Owner/Operator: Trunkline is a wholly owned subsidiary of the Panhandle Eastern Corp.

Status: Interstate pipeline subject to FERC jurisdiction

Description: Trunkline constructed over 200 miles of varying diameter lines, commencing in the late 1960s. These facilities included 44 miles of 30-inch pipe from Ship Shoal Block 139 and South Pelto Block 23 to an onshore point near Morgan City, Louisiana; an 87-mile, 16- to 26-inch line to other blocks in the Ship Shoal and South Pelto areas and 23 miles of 8.6-inch line. Subsequently, Trunkline extended its system to connect to the South Timbalier area. In the early 1980s, Trunkline looped its mainline extending from Ship Shoal Block 139.

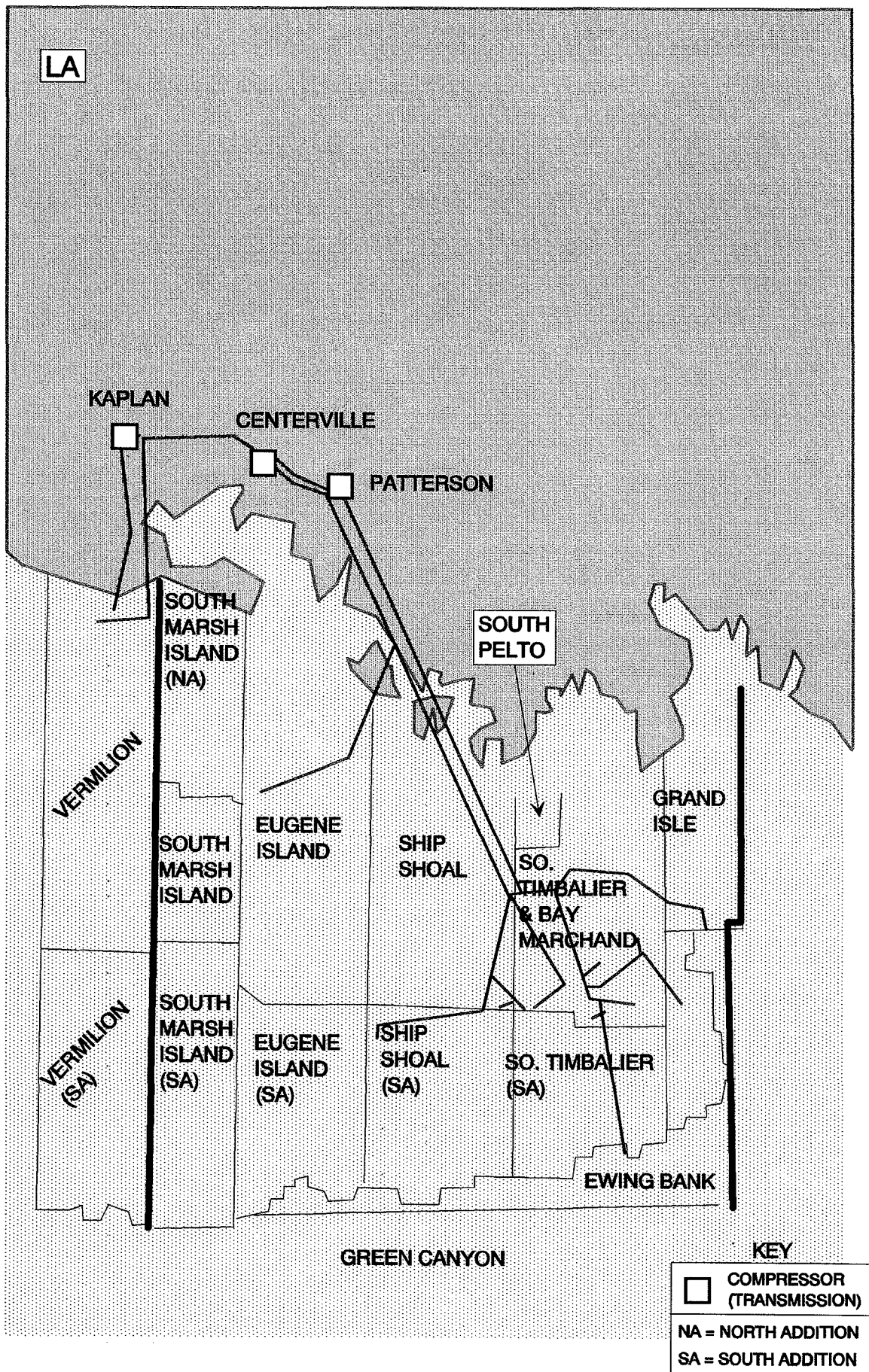
TRUNKLINE'S FEDERAL OFFSHORE MILEAGE BY REGION					
	<8"	8 - 18"	19 - 27"	>27"	Total
Central Louisiana	12	134	171	49	366
Western Louisiana	7	29	—	—	36
Total	19	163	171	49	402

Trunkline's offshore system totals 402 miles and is the eighth largest offshore pipeline with 3 percent of the total Gulf mileage.

Trunkline receives other OCS production via interconnections with other offshore systems such as UTOS, HIOS, Stingray and Leviathan (formerly Tarpon).

TRUNKLINE GAS COMPANY

(Central Louisiana)



Venice Gathering System

(Central and Eastern Louisiana)

Owner/Operator: Wholly owned subsidiary of Chevron U.S.A. Inc.

Status: On 2/3/95, Chevron filed with FERC for a declaratory order disclaiming jurisdiction as a gathering system. Application is pending.

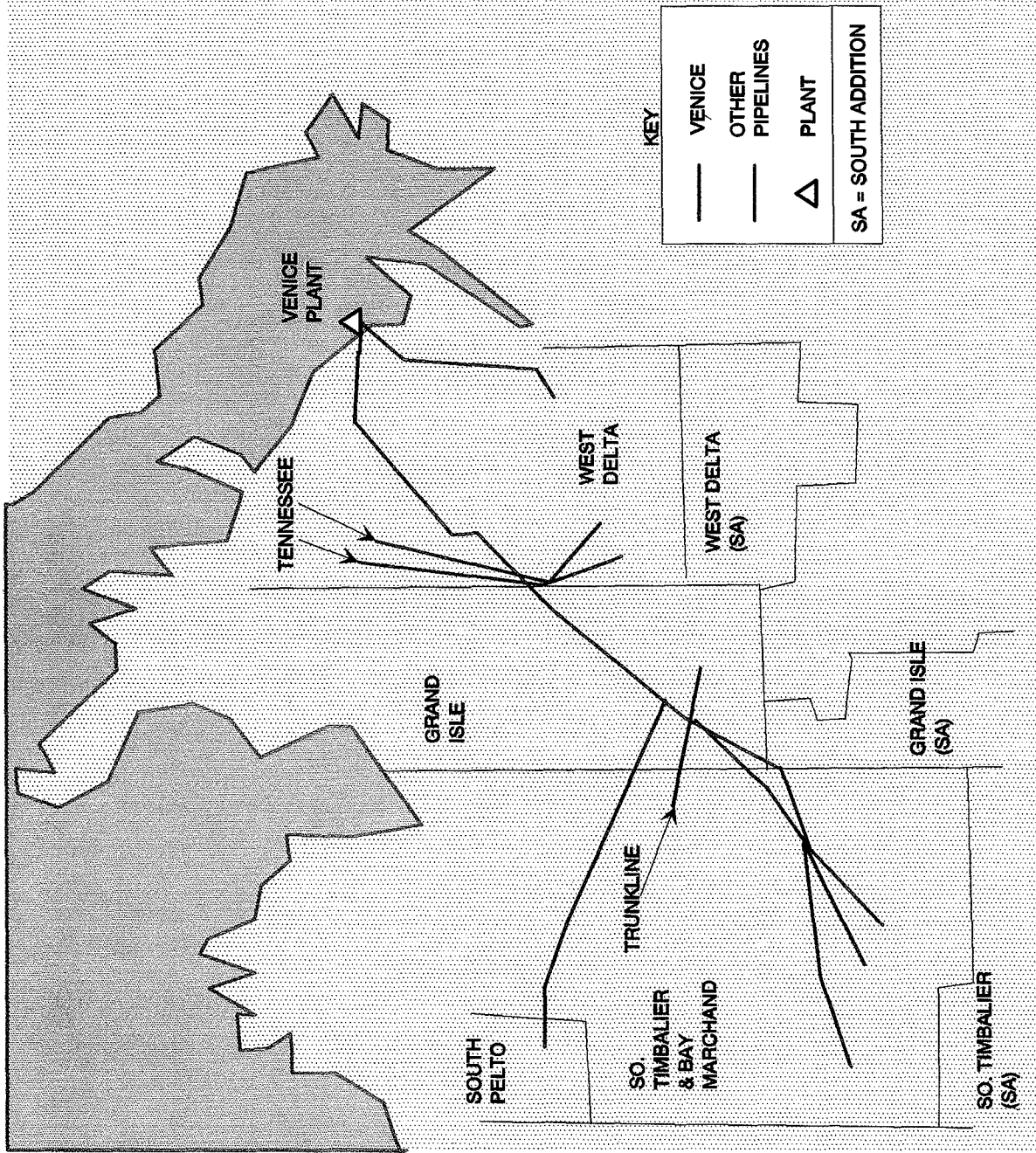
Description: The Venice Gathering System is a network of pipelines owned by Venice and operated by Chevron's Warren Petroleum division. The system gathers gas and condensate from fields in West Delta, Grand Isle, South Pelto and South Timbalier areas for delivery to Warren's Venice plant, which processes gas both from offshore and onshore fields. After processing, gas from the Venice plant goes into the mainlines of Texas Eastern, Southern, Koch Gateway, and Columbia Gulf interstate pipelines.

The system consists of

- ◆ 73-mile, 26-inch diameter pipeline (57 miles federal, 8 miles state, 8 miles onshore) from South Timbalier Block 151 (in Block 135 Field) to onshore "Delta Gathering Station" at the Venice plant
- ◆ Laterals into South Timbalier Block 151: (1) 13-mile, 12-inch diameter pipeline from South Timbalier Block 172; (2) 10.9-mile, 14-inch line from South Timbalier Block 176; and (3) 0.9-mile, 8-inch line from South Timbalier Block 130
- ◆ 26.15-mile, 20-inch line from South Timbalier Block 35 to interconnect with 26-inch line in Grand Isle Block 71; four short laterals, totaling 4 miles of 12-inch diameter, from platforms in South Timbalier Blocks 36 and 37 and from South Pelto Block 6 to South Timbalier Block 35
- ◆ 20-mile, 22-inch line from West Delta Block 79 to the Delta Gathering Station; several laterals, consisting of 4.8 miles of 16- to 20-inch pipeline from platforms in West Delta fields

Compression is performed onshore.

VENICE GATHERING SYSTEM



Venice Gathering System is owned by Chevron U.S.A. Inc.

Viosca Knoll Gathering System

(Eastern Louisiana)

Owner/Operator: Owned by a subsidiary of Leviathan Gas Pipeline Partners, L.P. (50 percent) and Tenneco Gas Gathering Co. (50 percent); operated by Leviathan.

Status: System is designed to serve existing and proposed deepwater development projects. FERC disclaimed jurisdiction in February 1994 in response to December 1993 petition by the partners.

Because of anti-flaring rules affecting associated gas and oil production, wells are shut-in until gas gathering infrastructure is constructed. Construction began in May 1994 and was placed into service November 1994.

Description: A 95-mile, 20-inch diameter pipeline "spine" from Shell Offshore platform in Main Pass Block 252 to interconnect with Tennessee Gas Pipeline in South Pass Block 55; at approximate midpoint, a 6-mile, 16-inch lateral from Viosca Knoll Block 817 to interconnect with Southern Natural Gas in Main Pass Block 289; lateral interconnects with platforms in Blocks 253, 255 and 259 of Main Pass. Four additional platform interconnects are proposed within three to five years.

System is to be developed in depths of 300 to 680 feet, along the edge of the Continental Shelf with operating pressures of 900-1,350 psig and dehydration prior to entering the system. There will be no compression except platform, production-related service. Design pipeline capacity is 400 MMcf/d.

According to Shell Offshore Inc., Main Pass Block 252 deliverability is 85 MMcf/d (as of January 1994). Viosca Knoll Block 783 deliverability is over 30 MMcf/d. Approximately 55 MMcf/d per day of production capability was shut-in/curtailed by lack of adequate gathering facilities.

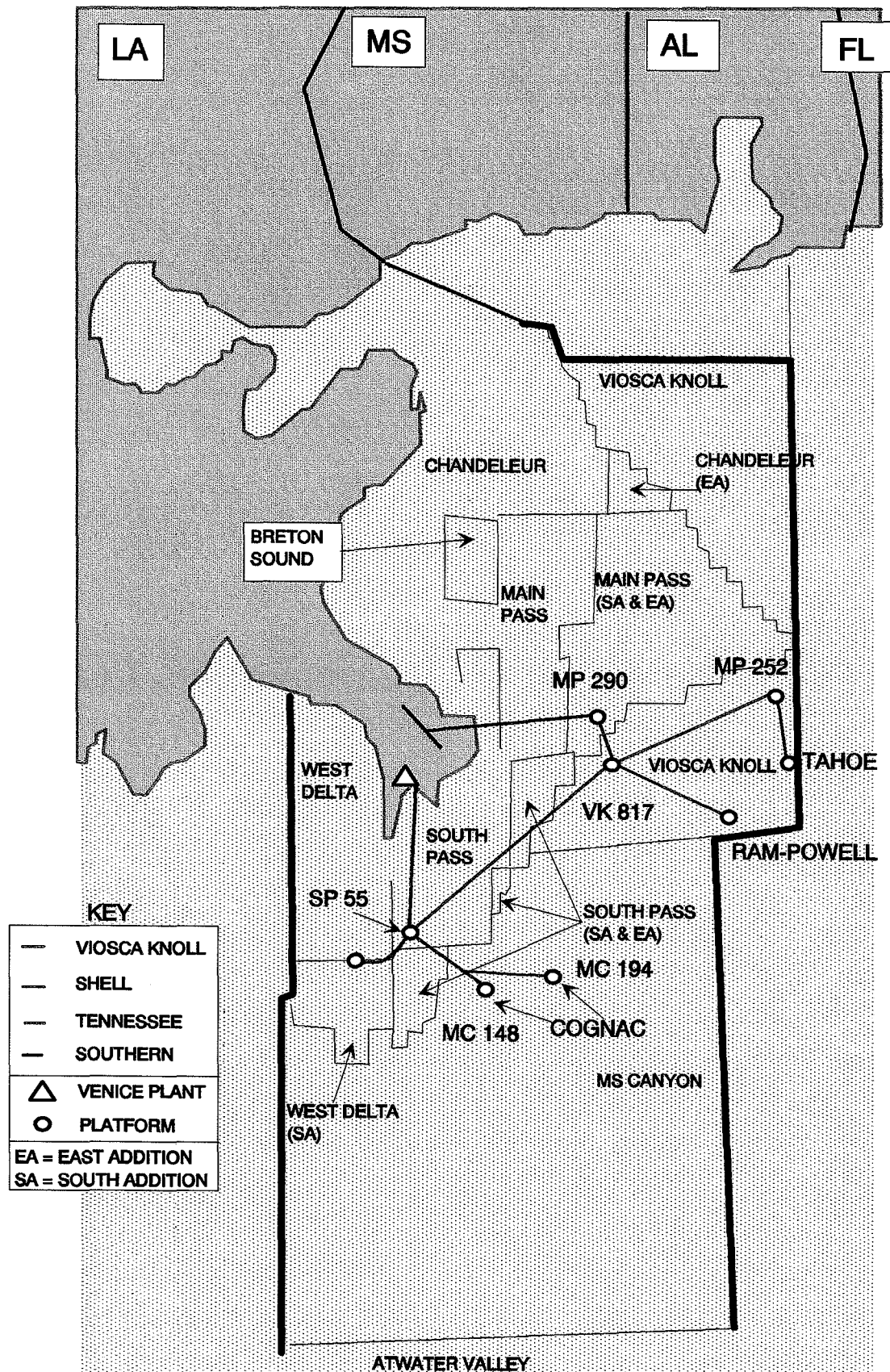
Another producer, DelMar, was scheduled to begin production in the Main Pass/Viosca Knoll area in November 1994, with anticipated deliverability of 100 MMcf/d curtailed until the gathering system is completed.

Hughes Eastern had shut-in oil and gas production in Main Pass Block 254, awaiting gathering system development to comply with anti-flaring rules.

Oryx Energy also expects to produce gas in the Viosca Knoll area in June 1998 and tie into this system to reach onshore markets.

Many of the federal leases in the area to be served are beyond primary lease expiration, with the terms of those leases extended under Suspension of Operation (SOP) plans filed with the MMS. Because SOP plans generally reflect commercial discoveries, the MMS seeks to have those discoveries developed.

VIOSCA KNOLL GATHERING SYSTEM



Viosa Knoll Gathering System is jointly owned by Leviathan Gas Pipeline Partners L.P. and Tenneco Gas Gathering Co. The laterals shown are owned by Shell Offshore Inc.

APPENDIX B
STATISTICAL APPENDIX

Schedules:

- 1 - Gulf of Mexico Natural Gas Producers -- 1993 (Federal Waters)**
- 2 - Summary of Federal Offshore Pipeline Miles by Area, Status, Company
 Type, and Diameter**
- 3 - Summary of Pipeline Miles by Area, Company Type, and Diameter
 (Offshore State Waters)**
- 4 - Gas Pipeline Segments in Gulf of Mexico Federal Waters**
- 5 - Gas Pipeline Segments in Gulf of Mexico State Waters**

Schedule 1

GULF OF MEXICO NATURAL GAS PRODUCTION -- 1993
FEDERAL WATERS
(MMcf)

Producer/Operator	Volume
Chevron USA Inc.	561,887
Mobil Oil Explor. & Prod.	317,175
Shell Offshore Inc.	303,114
Union Oil Co. of California	228,278
Texaco E & P	222,271
Amoco Production Co.	207,723
Exxon Corp.	206,903
Conoco Inc.	139,818
Amerada Hess Corp.	127,818
Vastar (formerly Arco)	110,794
Pennzoil E&P	105,248
Murphy Exploration & Prod.	104,381
OXY USA Inc.	87,082
Forest Oil Corp.	86,535
Marathon Oil Co.	84,477
Kerr-McGee Corp.	81,894
CNG Producing Co.	81,822
Walter Oil & Gas Corp.	76,768
Samedan Oil Corp.	70,592
Oryx Energy Company	70,180
Hall-Houston Oil Co.	68,535
Pennzoil Petroleum Co.	61,971
Freeport-McMoran Inc.	60,084
Brooklyn Union Expl. Co.	57,673
Torch Operating Co.	55,173
Phillips Petroleum Co.	55,148
Llco Holdings Inc.	54,562
Newfield Exploration Co.	52,696
Seagull Energy E&P Inc.	46,557
Apache Corp.	41,260
Enron Oil & Gas Co.	38,632
Energy Development Corp.	38,514
Santa Fe International Corp.	38,213
Union Pacific Resources Co.	37,410
Delmar Operating, Inc.	36,680
PG&E Resources Offshore Co.	36,136
Sonat Exploration Co.	33,891
BP Exploration & Oil, Inc.	33,187
Diamond Shamrock Offshore Partners	30,704
Shell Frontier Oil & Gas, Inc.	23,968

GULF OF MEXICO NATURAL GAS PRODUCTION -- 1993
FEDERAL WATERS
(MMcf)

Producer/Operator	Volume
Zilkha Energy Co.	22,547
Wacker Oil Inc.	20,662
AEDC USA Inc.	19,212
Anadarko Petroleum Corp.	18,450
Aquila Energy	18,170
Mesa Operating L.P.	18,115
AGIP Petroleum Co. Inc.	17,715
Hunt Oil Co.	16,832
EP Operating L. P.	15,835
Koch Exploration Co.	15,272
Canadianoxy Offshore Prod.	15,073
Columbia Gas Development Corp.	14,861
Scana Petroleum Resource	14,238
Great Western Offshore Inc.	13,279
General Atlantic Resources Inc.	11,843
Louisiana Land and Expl.	11,692
BHP Petroleum Americas Inc.	10,986
Elf Exploration Inc.	10,860
Norcen Explorer Inc.	10,798
Seneca Resources Corp.	10,716
Total Minatome Corp.	10,512
Roberts & Bunch Offshore Inc.	9,104
Taylor Energy Co.	9,099
B T Operating Co.	8,550
Matrix Oil & Gas, Inc.	8,497
Century Offshore Mgmt.	8,030
Zapata Exploration Co.	7,698
Sandefer Offshore Operating	7,465
Forcenergy Gas Exploration Inc.	7,130
Cockrell Oil Corp.	6,383
Stone Petroleum Corp.	6,163
Aran Energy Corp.	6,079
Pel-Tex Co.	5,083
Pogo Producing Co.	4,600
Gulfstream Resources, Inc.	4,046
Midcon Offshore, Inc.	3,835
Partners Oil Co.	3,432
WHK, Inc.	3,195
Global Marine Oil & Gas Co.	2,995
Hardy Oil & Gas USA, Inc.	2,765

GULF OF MEXICO NATURAL GAS PRODUCTION -- 1993
FEDERAL WATERS
(MMcf)

Producer/Operator	Volume
Ashland Exploration Inc.	2,566
OEDC Exploration & Prod.	2,520
Aviva America Inc.	2,378
W & T Offshore Inc.	1,943
Louis Dreyfus Reserves Corp.	1,912
Houston Oil & Minerals Corp.	1,912
Tatham Offshore Inc.	1,808
Levinson Partners Corp.	1,711
ANR Production Co.	1,520
Flores & Rucks Inc.	1,354
GreenHill Petroleum Corp.	1,316
Entre Energy Corp.	1,285
Forcenergy Gas Expl. Inc.	1,222
Howell Petroleum Corp.	1,106
Energy Resource Technology Inc.	772
Offshore Energy Development	759
Ivory Production Co.	715
Pan Petroleum Master Ltd.	715
Coastal Oil & Gas Corp.	571
Trade & Development Corp.	499
Gas Transportation Corp.	482
American Exploration Co.	473
Van Petroleum Inc.	455
Conn Energy Inc.	450
Mitchell Energy Corp.	427
Four Star Oil & Gas Co.	426
UMC Petroleum Corp.	374
Hughes Eastern Petroleum Inc.	367
Ashlawn Energy Inc.	245
British-Borneo Exploration Inc.	172
Sekco Energy Inc.	86
Petrobras America Inc.	59
Quintana Petroleum Corp.	53
Flash Gas & Oil Southwest	7
TOTAL	4,640,229

Source: Minerals Management Service, Federal Offshore Statistics, 1993
and Foster Associates, Inc.

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Schedule 2

**Summary of Federal Offshore Pipeline Miles
by Area, Status, Company Type, and Diameter**

Area	Status	Operator	Miles by Pipeline Diameter				Total
			<=8"	9"-18"	19"-27"	>27"	
Eastern Louisiana							
	Active						
		Interstate Pipelines	107.74	320.29	216.13	18.13	662.29
		Major Oil Companies	421.37	192.28	25.48	0.00	639.13
		Independents	557.49	92.44	1.89	0.00	651.82
		Affiliates	0.00	0.00	94.08	0.00	94.08
		Total	1,086.60	605.01	337.58	18.13	2,047.32
	Proposed						
		Interstate Pipelines	0.00	1.57	0.00	0.00	1.57
		Major Oil Companies	5.51	113.00	0.00	45.00	163.51
		Independents	28.25	11.77	47.00	0.00	87.02
		Affiliates	0.00	6.38	0.00	0.00	6.38
		Total	33.76	132.72	47.00	45.00	258.48
	Abandoned						
		Interstate Pipelines	0.91	2.35	0.00	0.00	3.26
		Major Oil Companies	68.75	1.52	0.00	0.00	70.27
		Independents	49.70	0.00	0.00	0.00	49.70
		Affiliates	0.00	0.00	0.00	0.00	0.00
		Total	119.36	3.87	0.00	0.00	123.23
	Total Eastern Louisiana						
		Interstate Pipelines	108.65	324.21	216.13	18.13	667.12
		Major Oil Companies	495.63	306.80	25.48	45.00	872.91
		Independents	635.44	104.21	48.89	0.00	788.54
		Affiliates	0.00	6.38	94.08	0.00	100.46
		Total	1,239.72	741.60	384.58	63.13	2,429.03
Central Louisiana							
	Active						
		Interstate Pipelines	369.31	981.99	863.92	279.54	2,494.76
		Major Oil Companies	744.68	177.44	131.14	4.55	1,057.81
		Independents	703.22	274.39	43.84	0.00	1,021.45
		Affiliates	29.62	13.51	0.00	0.00	43.13
		Total	1,846.83	1,447.33	1,038.90	284.09	4,617.15
	Proposed						
		Interstate Pipelines	0.07	3.78	0.00	0.00	3.85
		Major Oil Companies	74.12	0.00	0.00	0.00	74.12
		Independents	51.27	40.68	0.00	0.00	91.95
		Affiliates	0.00	0.00	0.00	0.00	0.00
		Total	125.46	44.46	0.00	0.00	169.92
	Abandoned						
		Interstate Pipelines	21.45	19.50	79.58	0.00	120.53
		Major Oil Companies	356.47	15.83	0.00	0.00	372.30
		Independents	114.33	9.76	0.00	0.00	124.09
		Affiliates	0.40	0.00	0.00	0.00	0.40
		Total	492.65	45.09	79.58	0.00	617.32
	Total Central Louisiana						
		Interstate Pipelines	390.83	1,005.27	943.50	279.54	2,619.14
		Major Oil Companies	1,175.27	193.27	131.14	4.55	1,504.23
		Independents	868.82	324.83	43.84	0.00	1,237.49
		Affiliates	30.02	13.51	0.00	0.00	43.53
		Total	2,464.94	1,536.88	1,118.48	284.09	5,404.39

**Summary of Federal Offshore Pipeline Miles
by Area, Status, Company Type, and Diameter**

Area	Status	Operator	Miles by Pipeline Diameter				Total
			<=8"	9"-18"	19"-27"	>27"	
Western Louisiana							
	Active						
		Interstate Pipelines	336.19	1,294.26	596.92	841.14	3,068.51
		Major Oil Companies	382.06	222.07	6.41	0.00	610.54
		Independents	932.67	178.91	3.94	0.00	1,115.52
		Affiliates	182.43	105.20	12.17	0.00	299.80
		Total	1,833.35	1,800.44	619.44	841.14	5,094.37
	Proposed						
		Interstate Pipelines	1.71	25.15	16.00	0.00	42.86
		Major Oil Companies	20.49	0.00	0.00	0.00	20.49
		Independents	97.25	68.43	0.00	0.00	165.68
		Affiliates	1.63	0.00	0.00	0.00	1.63
		Total	121.08	93.58	16.00	0.00	230.66
	Abandoned						
		Interstate Pipelines	36.54	27.52	19.22	0.00	83.28
		Major Oil Companies	210.17	40.13	0.00	0.00	250.30
		Independents	150.94	10.52	8.07	0.00	169.53
		Affiliates	15.71	9.82	0.00	0.00	25.53
		Total	413.36	87.99	27.29	0.00	528.64
	Total Western Louisiana						
		Interstate Pipelines	374.44	1,346.93	632.14	841.14	3,194.65
		Major Oil Companies	612.72	262.20	6.41	0.00	881.33
		Independents	1,180.86	257.86	12.01	0.00	1,450.73
		Affiliates	199.77	115.02	12.17	0.00	326.96
		Total	2,367.79	1,982.01	662.73	841.14	5,853.67
Texas							
	Active						
		Interstate Pipelines	54.43	219.84	242.00	74.56	590.83
		Major Oil Companies	78.11	25.16	0.00	0.00	103.27
		Independents	486.42	182.06	22.63	0.00	691.11
		Affiliates	42.97	82.86	0.00	0.00	125.83
		Total	661.93	509.92	264.63	74.56	1,511.04
	Proposed						
		Interstate Pipelines	0.00	0.00	0.00	0.00	0.00
		Major Oil Companies	2.71	0.00	0.00	0.00	2.71
		Independents	35.53	3.68	0.00	0.00	39.21
		Affiliates	8.72	0.00	0.00	0.00	8.72
		Total	46.96	3.68	0.00	0.00	50.64
	Abandoned						
		Interstate Pipelines	4.63	9.25	0.00	0.00	13.88
		Major Oil Companies	8.76	0.00	0.00	0.00	8.76
		Independents	62.21	15.46	0.00	4.30	81.97
		Affiliates	1.28	36.14	0.00	0.00	37.42
		Total	76.88	60.85	0.00	4.30	142.03
	Total Texas						
		Interstate Pipelines	59.06	229.09	242.00	74.56	604.71
		Major Oil Companies	89.58	25.16	0.00	0.00	114.74
		Independents	584.16	201.20	22.63	4.30	812.29
		Affiliates	52.97	119.00	0.00	0.00	171.97
		Total	785.77	574.45	264.63	78.86	1,703.71

**Summary of Federal Offshore Pipeline Miles
by Area, Status, Company Type, and Diameter**

Area	Status	Operator	Miles by Pipeline Diameter				Total
			< =8"	9"-18"	19"-27"	>27"	
Eastern Gulf							
	Active						
		Interstate Pipelines	0.00	11.34	0.00	0.00	11.34
		Major Oil Companies	44.53	9.00	0.49	0.00	54.02
		Independents	24.43	0.00	0.00	0.00	24.43
		Affiliates	4.39	0.76	21.57	0.00	26.72
		Total	73.35	21.10	22.06	0.00	116.51
	Proposed						
		Interstate Pipelines	0.00	0.00	0.00	0.00	0.00
		Major Oil Companies	35.49	6.25	0.00	0.00	41.74
		Independents	0.54	4.91	2.17	0.00	7.62
		Affiliates	0.00	12.00	4.00	0.00	16.00
		Total	36.03	23.16	6.17	0.00	65.36
	Abandoned						
		Interstate Pipelines	0.00	0.00	0.00	0.00	0.00
		Major Oil Companies	1.66	0.00	0.00	0.00	1.66
		Independents	1.95	0.00	0.00	0.00	1.95
		Affiliates	0.00	0.00	0.00	0.00	0.00
		Total	3.61	0.00	0.00	0.00	3.61
	Total Eastern Gulf						
		Interstate Pipelines	0.00	11.34	0.00	0.00	11.34
		Major Oil Companies	81.68	15.25	0.49	0.00	97.42
		Independents	26.92	4.91	2.17	0.00	34.00
		Affiliates	4.39	12.76	25.57	0.00	42.72
		Total	112.99	44.26	28.23	0.00	185.48
Gulf of Mexico							
	Active						
		Interstate Pipelines	867.67	2,827.72	1,918.97	1,213.37	6,827.73
		Major Oil Companies	1,670.75	625.95	163.52	4.55	2,464.77
		Independents	2,704.23	727.80	72.30	0.00	3,504.33
		Affiliates	259.41	202.33	127.82	0.00	589.56
		Total	5,502.06	4,383.80	2,282.61	1,217.92	13,386.39
	Proposed						
		Interstate Pipelines	1.78	30.50	16.00	0.00	48.28
		Major Oil Companies	138.32	119.25	0.00	45.00	302.57
		Independents	212.84	129.47	49.17	0.00	391.48
		Affiliates	10.35	18.38	4.00	0.00	32.73
		Total	363.29	297.60	69.17	45.00	775.06
	Abandoned						
		Interstate Pipelines	63.53	58.62	98.80	0.00	220.95
		Major Oil Companies	645.81	57.48	0.00	0.00	703.29
		Independents	379.13	35.74	8.07	4.30	427.24
		Affiliates	17.39	45.96	0.00	0.00	63.35
		Total	1,105.86	197.80	106.87	4.30	1,414.83
	Total Gulf of Mexico						
		Interstate Pipelines	932.98	2,916.84	2,033.77	1,213.37	7,096.96
		Major Oil Companies	2,454.88	802.68	163.52	49.55	3,470.63
		Independents	3,296.20	893.01	129.54	4.30	4,323.05
		Affiliates	287.15	266.67	131.82	0.00	685.64
		Total	6,971.21	4,879.20	2,458.65	1,267.22	15,576.28

Schedule 3

SUMMARY OF PIPELINE MILES BY AREA, COMPANY TYPE, AND DIAMETER
OFFSHORE STATE WATERS

Area	Operator	Miles by Pipeline Diameter				Total
		<=8"	9"-18"	19"-27"	>27"	
Eastern Louisiana	Interstate Pipelines	20.50	76.26	31.50	4.50	132.76
	Intrastate Pipelines	0.00	0.00	0.00	0.00	0.00
	Major Oil Companies	6.50	6.00	8.75	0.00	21.25
	Independents	1.50	6.00	0.00	0.00	7.50
	Affiliates	0.00	0.00	0.00	0.00	0.00
	Total	28.50	88.26	40.25	4.50	161.51
Central Louisiana	Interstate Pipelines	11.75	43.75	36.75	26.50	118.75
	Intrastate Pipelines	0.00	9.00	2.00	0.00	11.00
	Major Oil Companies	26.00	22.50	31.75	4.75	85.00
	Independents	0.00	0.25	0.00	0.00	0.25
	Affiliates	0.00	0.00	0.00	0.00	0.00
	Total	37.75	75.50	70.50	31.25	215.00
Western Louisiana	Interstate Pipelines	11.75	68.50	34.75	21.25	136.25
	Intrastate Pipelines	1.75	3.25	0.00	0.00	5.00
	Major Oil Companies	6.50	25.75	3.75	0.00	36.00
	Independents	0.00	0.00	0.00	0.00	0.00
	Affiliates	0.00	0.00	0.00	0.00	0.00
	Total	20.00	97.50	38.50	21.25	177.25
Texas	Interstate Pipelines	46.80	62.50	101.00	10.00	220.30
	Intrastate Pipelines	152.75	97.97	157.00	0.00	407.72
	Major Oil Companies	46.75	23.00	0.00	0.00	69.75
	Independents	38.00	12.00	0.00	0.00	50.00
	Affiliates	0.00	24.00	0.00	0.00	24.00
	Total	284.30	219.47	258.00	10.00	771.77
Eastern Gulf	Interstate Pipelines	0.00	0.00	0.00	0.00	0.00
	Intrastate Pipelines	0.00	0.00	0.00	0.00	0.00
	Major Oil Companies	15.25	11.25	10.75	0.00	37.25
	Independents	0.00	7.00	0.00	0.00	7.00
	Affiliates	2.75	9.00	5.00	0.00	16.75
	Total	18.00	27.25	15.75	0.00	61.00
GRAND TOTALS	Interstate Pipelines	90.80	251.01	204.00	62.25	608.06
	Intrastate Pipelines	154.50	110.22	159.00	0.00	423.72
	Major Oil Companies	101.00	88.50	55.00	4.75	249.25
	Independents	39.50	25.25	0.00	0.00	64.75
	Affiliates	2.75	33.00	5.00	0.00	40.75
	Total	388.55	507.98	423.00	67.00	1,386.53

Source: Foster Associates, Inc.

Schedule 4

LEGEND OF CODES USED IN SCHEDULE 4

<u>CODE</u>	<u>AREA NAME</u>	<u>CODE</u>	<u>AREA NAME</u>
BM	BAY MARCHAND AREA	MC	MISSISSIPPI CANYON
BA	BRAZOS AREA	MO	MOBILE
BS	BRETON SOUND AREA	MU	MUSTANG ISLAND AREA
CA	CHANDELEUR AREA	PN	NORTH PADRE ISLAND AREA
EB	EAST BREAKS	SA	SABINE PASS (LA)
EC	EAST CAMERON AREA	SX	SABINE PASS (TX)
EI	EUGENE ISLAND AREA	SS	SHIP SHOAL AREA
EW	EWING BANK	SM	SOUTH MARSH ISLAND AREA
GA	GALVESTON AREA	SP	SOUTH PASS AREA
GB	GARDEN BANKS	PL	SOUTH PELTO AREA
GI	GRAND ISLE AREA	ST	SOUTH TIMBALIER AREA
GC	GREEN CANYON	VR	VERMILION AREA
HI	HIGH ISLAND AREA	VK	VIOSCA KNOLL
MP	MAIN PASS AREA	WC	WEST CAMERON AREA
MI	MATAGORDA ISLAND	WD	WEST DELTA AREA

<u>GAS TYPE</u>	<u>DESCRIPTION</u>
BLKG	FULL WELL STREAM PRODUCTION FROM GAS WELL(S) PRIOR TO PROCESSING
G/C	GAS AND CONDENSATE SERVICE AFTER INTERMEDIATE PROCESSING
G/O	GAS AND OIL SERVICE AFTER INTERMEDIATE PROCESSING
GAS	GAS TRANSPORTED AFTER PROCESSING
NGER	NATURAL GAS ENHANCED RECOVERY
SPLY	SUPPLY GAS

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Louisiana								
AEDC USA Inc.	MC	486	GI	94	G/C	ACT	12	17.71
Amerada Hess Co.	MP	107	MP	108	BLKG	ACT	04	3.63
Amerada Hess Co.	MP	273	MP	291	GAS	ACT	08	2.19
Amerada Hess Co.	BS	55	BS	54	BLKG	ACT	03	1.55
Amerada Hess Co.	WD	34	WD	34	BLKG	ACT	04	0.87
Amerada Hess Co.	WD	34	WD	34	BLKG	ACT	04	0.87
Amoco Production	WD	35	WD	35	BLKG	ABN	06	2.13
Amoco Production	WD	90	WD	75	GAS	ACT	06	1.48
Amoco Production	WD	75	WD	90	G/O	ACT	06	1.48
Amoco Production	WD	75	WD	75	BLKG	ACT	06	1.33
Amoco Production	WD	75	WD	75	BLKG	ACT	04	0.81
Amoco Production	WD	75	WD	75	GAS	ACT	08	0.81
Amoco Production	WD	35	WD	35	BLKG	COMB	04	0.00
Apache Corporation	VK	69	MO	990	G/C	ACT	06	8.33
Apache Corporation	MP	186	MP	202	BLKG	ACT	06	8.03
Apache Corporation	VK	27	VK	69	BLKG	ACT	04	6.22
Apache Corporation	MP	227	MP	244	BLKG	ACT	04	5.37
Apache Corporation	CA	31	CA	30	BLKG	ACT	04	4.75
Apache Corporation	MP	244	MP	265	BLKG	ACT	04	2.23
Apache Corporation	MP	208	MP	202	BLKG	PABN	08	2.15
Apache Corporation	CA	22	CA	34	BLKG	OUT	06	1.44
Apache Corporation	MP	244	MP	244	BLKG	OUT	04	1.39
Apache Corporation	MP	202	MP	202	BLKG	ACT	04	1.24
Apache Corporation	MP	202	MP	202	BLKG	ACT	04	1.24
Apache Corporation	MP	243	MP	265	BLKG	ACT	04	1.22
Apache Corporation	MP	243	MP	265	BLKG	ACT	04	1.22
Apache Corporation	MP	243	MP	265	BLKG	ACT	04	1.22
Apache Corporation	MP	165	MP	165	BLKG	ACT	03	1.20
Apache Corporation	CA	30	MP	89	GAS	ACT	06	1.12
Apache Corporation	CA	34	CA	34	BLKG	OUT	04	1.06
Apache Corporation	VK	22	MO	990	BLKG	ACT	04	0.22
Aran Energy Co.	SP	37	SP	28	GAS	ACT	08	3.34
Aran Energy Co.	SP	37	SP	27	BLKG	ACT	12	2.46
Atlantic Richfield	SP	52	MC	148	GAS	CNCL	03	4.00
Atlantic Richfield	SP	60	SP	6	GAS	ACT	10	3.60
Atlantic Richfield	MP	128	MP	129	BLKG	OUT	04	3.23
Atlantic Richfield	WD	36	WD	35	BLKG	R/A	08	2.53
Atlantic Richfield	WD	38	WD	36	BLKG	R/A	06	1.73
Atlantic Richfield	SP	60	SP	60	GAS	ABN	10	1.52
Aviva	MP	40	MP	68	GAS	ACT	08	10.56
B T Operating	CA	14	CA	25	GAS	ACT	08	5.29
B T Operating	CA	18	CA	18	BLKG	PABN	04	2.52
B T Operating	CA	18	CA	25	GAS	R/A	06	1.16
Barcoo Exploration	CA	29	CA	29	GAS	R/A	04	1.54
BP Exploration	VK	989	SP	62	GAS	ACT	12	11.73
BP Exploration	MC	28	VK	989	BLKG	PROP	08	4.15
BP Exploration	MC	28	VK	989	BLKG	PROP	08	4.15
BP Exploration	MC	109	MC	108	GAS	ACT	08	3.35
BP Exploration	MP	99	MP	100	BLKG	ACT	04	1.84
CanadianOxy Offshore Prod.	WD	45	WD	45	G/O	ACT	06	0.62
CanadianOxy Offshore Prod.	WD	45	WD	45	SPLY	ACT	03	0.23
CanadianOxy Offshore Prod.	WD	45	WD	45	G/O		06	0.21
CanadianOxy Offshore Prod.	WD	45	WD	45	GAS	ACT	04	0.11
CanadianOxy Offshore Prod.	WD	45	WD	45	BLKG	ACT	06	0.10
CanadianOxy Offshore Prod.	WD	45	WD	45	BLKG	ACT	06	0.09
Centana Gathering Co.	MP	224	MP	165	GAS	PROP	20	30.00
Centana Gathering Co.	VK	826	MP	224	GAS	PROP	20	17.00
Centana Gathering Co.	WD	106	WD	112	GAS	ACT	08	1.60
Century Offshore	CA	24	CA	25	GAS	R/A	04	4.10
Century Offshore	BS	53	BS	53	GAS	R/R	04	0.86
Century Offshore	BS	53	BS	53	BLKG	ACT	04	0.40
Century Offshore	BS	53	BS	53	BLKG	CNCL	04	0.33
Century Offshore	BS	52	BS	53	GAS	CNCL	06	0.21
Chandeleur Pipeline	MP	41	BS	43	GAS	ACT	12	9.29

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Louisiana (continued)								
Chandeleur Pipeline	MP	42	BS	43	GAS	ACT	16	6.63
Chandeleur Pipeline	MP	41	MP	42	GAS	ACT	16	4.06
Chandeleur Pipeline	BS	0042	BS	0042	GAS	ACT	10	0.04
Chevron Pipe Line	SP	49	SP	27	G/O	ACT	10	23.73
Chevron Pipe Line	WD	79	WD	26	GAS	ACT	22	10.98
Chevron Pipe Line	MP	42	MP	55	G/O	ACT	12	10.61
Chevron Pipe Line	WD	41	WD	20	GAS	ACT	26	7.58
Chevron Pipe Line	WD	20	WD	22	GAS	ACT	26	3.57
Chevron Pipe Line	MP	41	MP	41	G/O	ACT	06	3.03
Chevron Pipe Line	WD	79	WD	79	GAS	ACT	20	1.71
Chevron Pipe Line	WD	80	WD	79	GAS	ACT	16	1.04
Chevron Pipe Line	WD	79	WD	79	GAS	ACT	16	0.39
Chevron USA	WD	41	WD	26	G/O	ACT	16	17.52
Chevron USA	MP	298	MP	71	GAS	OUT	04	13.16
Chevron USA	MP	127	MP	41	GAS	ACT	08	9.60
Chevron USA	WD	26	WD	29	G/O	OUT	06	7.27
Chevron USA	MP	41	MP	69	GAS	ACT	06	6.94
Chevron USA	MP	298	MP	300	GAS	ACT	10	4.56
Chevron USA	MC	63	SP	49	BLKG	ACT	08	3.98
Chevron USA	WD	28	WD	29	BLKG	ACT	03	3.52
Chevron USA	BS	56	MP	41	BLKG	ACT	06	3.29
Chevron USA	WD	36	WD	41	G/C	ABN	08	3.28
Chevron USA	MP	41	MP	41	GAS	ACT	06	3.24
Chevron USA	MP	111	MP	120	BLKG	OUT	08	3.18
Chevron USA	VK	899	VK	900	GAS	ABN	08	3.05
Chevron USA	MP	132	MP	133	BLKG	ACT	08	3.03
Chevron USA	WD	23	WD	24	GAS		14	3.03
Chevron USA	MP	106	MP	107	BLKG	ABN	04	2.76
Chevron USA	MP	41	MP	41	G/O	OUT	08	2.65
Chevron USA	MP	112	MP	107	BLKG	ABN	04	2.59
Chevron USA	MP	133	MP	133	BLKG	ACT	06	2.55
Chevron USA	WD	36	WD	36	G/C	ABN	08	2.27
Chevron USA	VK	900	SP	62	GAS	ACT	08	2.24
Chevron USA	MP	133	MP	132	BLKG	ACT	04	2.08
Chevron USA	MP	127	MP	127	BLKG	OUT	04	1.98
Chevron USA	MP	127	MP	127	BLKG	OUT	04	1.98
Chevron USA	MP	41	MP	41	G/O	OUT	06	1.80
Chevron USA	MP	41	MP	41	BLKG	PABN	04	1.78
Chevron USA	MP	127	MP	127	BLKG	OUT	04	1.62
Chevron USA	MP	236	MP	133	G/O	ACT	06	1.61
Chevron USA	MP	236	MP	133	BLKG	ACT	08	1.60
Chevron USA	WD	23	WD	24	GAS		20	1.55
Chevron USA	WD	23	WD	24	GAS		14	1.55
Chevron USA	MP	43	MP	42	GAS	ACT	10	1.52
Chevron USA	MP	42	MP	42	GAS	OUT	06	1.42
Chevron USA	MP	42	MP	42	G/O	ACT	06	1.42
Chevron USA	WD	29	WD	29	GAS	ABN	04	1.42
Chevron USA	MP	43	MP	42	GAS	OUT	04	1.42
Chevron USA	WD	28	WD	29	BLKG	ACT	04	1.37
Chevron USA	MP	41	MP	42	GAS	ACT	06	1.33
Chevron USA	MP	41	MP	42	GAS	ACT	06	1.33
Chevron USA	WD	23	WD	23	GAS	PABN	12	1.27
Chevron USA	WD	23	WD	23	G/O	PABN	08	1.27
Chevron USA	MP	42	MP	42	G/O	OUT	06	1.23
Chevron USA	MP	112	MP	112	BLKG	ABN	04	1.23
Chevron USA	MP	127	MP	127	BLKG	OUT	04	1.23
Chevron USA	MP	127	MP	127	BLKG	OUT	04	1.23
Chevron USA	WD	24	WD	23	BLKG	PROP	04	1.20
Chevron USA	WD	23	WD	23	BLKG	ACT	05	1.19
Chevron USA	WD	29	WD	29	BLKG	ACT	03	1.19
Chevron USA	MP	41	MP	41	BLKG	ACT	04	1.17
Chevron USA	MP	42	MP	42	GAS		08	1.17
Chevron USA	MP	42	MP	42	GAS	ACT	06	1.17
Chevron USA	WD	24	WD	23	BLKG	PROP	04	1.16
Chevron USA	MP	41	MP	42	GAS	ACT	06	1.14

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Chevron USA	MP	42	MP	42	GAS	PABN	06	1.14
Chevron USA	MP	41	MP	42	GAS	ACT	06	1.14
Chevron USA	BS	55	BS	55	BLKG	ACT	04	1.14
Chevron USA	WD	24	WD	23	BLKG	ABN	04	1.10
Chevron USA	WD	23	WD	23	BLKG	OUT	04	1.10
Chevron USA	MP	42	MP	42	BLKG	CNCL	04	1.07
Chevron USA	MP	42	MP	42	BLKG	ACT	06	1.04
Chevron USA	WD	23	WD	23	BLKG	PABN	04	1.02
Chevron USA	WD	23	WD	23	BLKG	PABN	04	1.02
Chevron USA	MP	42	MP	42	GAS	PABN	06	1.02
Chevron USA	MP	42	MP	42	GAS	OUT	06	1.00
Chevron USA	MP	42	MP	41	G/O	ACT	10	0.97
Chevron USA	MP	40	MP	40	BLKG	ACT	04	0.96
Chevron USA	BS	55	MP	42	GAS	ABN	06	0.95
Chevron USA	MP	42	MP	42	G/O		08	0.95
Chevron USA	WD	29	WD	29	BLKG	OUT	04	0.95
Chevron USA	WD	117	WD	117	G/O	ACT	10	0.95
Chevron USA	WD	24	WD	23	BLKG	ACT	04	0.95
Chevron USA	MP	42	MP	42	G/O	PABN	06	0.95
Chevron USA	MP	42	MP	41	GAS	OUT	10	0.95
Chevron USA	WD	29	WD	29	BLKG	OUT	04	0.89
Chevron USA	WD	24	WD	23	BLKG	OUT	03	0.87
Chevron USA	WD	24	WD	23	BLKG	OUT	03	0.87
Chevron USA	MP	43	MP	43	GAS	ABN	04	0.85
Chevron USA	MP	69	MP	69	SPLY	ACT	02-03	0.82
Chevron USA	MP	69	MP	70	SPLY	CNCL	02	0.82
Chevron USA	MP	70	MP	69	BLKG	PROP	04	0.82
Chevron USA	WD	23	WD	23	BLKG	OUT	05	0.81
Chevron USA	MP	107	MP	107	BLKG	ABN	04	0.79
Chevron USA	WD	41	WD	41	BLKG		08	0.76
Chevron USA	WD	23	WD	23	BLKG	OUT	04	0.76
Chevron USA	WD	29	WD	29	G/O	OUT	06	0.76
Chevron USA	WD	23	WD	23	BLKG	OUT	04	0.76
Chevron USA	MP	69	MP	69	BLKG	ACT	04	0.76
Chevron USA	MP	41	MP	41	BLKG	ACT	06	0.76
Chevron USA	MP	41	MP	41	G/O	ACT	08	0.76
Chevron USA	WD	41	WD	41	BLKG	ABN	06	0.74
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.70
Chevron USA	WD	23	WD	23	BLKG	OUT	05	0.70
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.70
Chevron USA	WD	117	WD	117	G/O	ACT	08	0.69
Chevron USA	WD	117	WD	117	BLKG	ACT	08	0.69
Chevron USA	MP	40	MP	41	BLKG	ACT	06	0.67
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.66
Chevron USA	WD	117	WD	117	BLKG	ACT	08	0.66
Chevron USA	WD	23	WD	23	BLKG	ACT	03	0.66
Chevron USA	WD	29	WD	29	BLKG	ACT	04	0.66
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.66
Chevron USA	MP	41	MP	41	BLKG	ACT	06	0.66
Chevron USA	WD	23	WD	23	BLKG		03	0.66
Chevron USA	MP	41	MP	41	G/O	ACT	04	0.66
Chevron USA	WD	35	WD	36	G/C	ABN	08	0.64
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.62
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.62
Chevron USA	WD	117	WD	117	GAS	ACT	08	0.61
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.61
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.61
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.59
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.59
Chevron USA	WD	24	WD	23	BLKG	OUT	04	0.57
Chevron USA	WD	24	WD	23	BLKG	OUT	02	0.57
Chevron USA	WD	24	WD	23	BLKG	ABN	02	0.51
Chevron USA	WD	23	WD	23	BLKG	ACT	05	0.49
Chevron USA	WD	23	WD	23	BLKG	OUT	05	0.45
Chevron USA	WD	29	WD	29	G/O	OUT	06	0.44

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Chevron USA	WD	23	WD	23	BLKG	ACT	02	0.40
Chevron USA	WD	23	WD	23	BLKG	ACT	02	0.40
Chevron USA	WD	23	WD	23	BLKG	OUT	05	0.40
Chevron USA	WD	23	WD	23	BLKG	ABN	02	0.38
Chevron USA	WD	29	WD	29	G/O	OUT	04	0.38
Chevron USA	MP	41	MP	41	BLKG	ACT	04	0.36
Chevron USA	MP	40	MP	40	BLKG	ACT	04	0.35
Chevron USA	WD	117	WD	117	GAS	ACT	08	0.34
Chevron USA	WD	117	WD	117	BLKG	ACT	08	0.30
Chevron USA	WD	23	WD	23	BLKG	ACT	05	0.30
Chevron USA	WD	23	WD	23	BLKG	OUT	02	0.28
Chevron USA	WD	23	WD	23	BLKG	OUT	02	0.28
Chevron USA	WD	24	WD	24	BLKG	ABN	04	0.28
Chevron USA	WD	117	WD	117	GAS	ACT	08	0.25
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.21
Chevron USA	WD	29	WD	29	GAS		04	0.21
Chevron USA	WD	23	WD	23	BLKG	PABN	04	0.21
Chevron USA	WD	24	WD	24	BLKG	ABN	03	0.19
Chevron USA	WD	29	WD	29	G/O	OUT	04	0.17
Chevron USA	WD	29	WD	29	GAS	ACT	06	0.17
Chevron USA	WD	29	WD	29	GAS	ACT	04	0.15
Chevron USA	MP	41	MP	41	BLKG	ACT	04	0.14
Chevron USA	WD	23	WD	23	GAS	ACT	26	0.09
Chevron USA	WD	29	WD	29	G/O	A/C	04	0.09
Chevron USA	WD	23	WD	23	BLKG	ACT	04	0.08
Chevron USA	WD	27	WD	28	G/O	ACT	06	0.03
Chevron USA	WD	24	WD	23	BLKG	COMB	04	0.00
Chevron USA	WD	28	WD	29	BLKG	COMB	03	0.00
Chieftan International	SP	37	SP	37	GAS	ACT	06	1.26
Chieftan International	SP	37	SP	37	GAS	ACT	04	1.20
Cockrell Oil Co.	MP	187	MP	175	GAS	ACT	06	6.49
Cockrell Oil Co.	VK	294	MP	154	BLKG	ACT	04	4.48
Cockrell Oil Co.	MP	187	MP	187	BLKG	ACT	04	1.26
Columbia Gulf	SP	57	SP	77	GAS	ACT	12	3.67
Conoco Inc	WD	40	GI	43	G/O	ACT	08	7.97
Conoco Inc	WD	94	GI	43	G/O	OUT	12	7.70
Conoco Inc	WD	71	GI	43	G/O	OUT	12	5.06
Conoco Inc	SP	75	SP	55	GAS	ACT	16	4.72
Conoco Inc	WD	71	GI	43	GAS	ACT	16	4.58
Conoco Inc	WD	96	WD	69	G/O	ACT	08	3.80
Conoco Inc	WD	68	WD	67	SPLY	PABN	06	3.31
Conoco Inc	MP	288	MP	289	GAS	ACT	03	3.03
Conoco Inc	WD	69	GI	43	GAS	ACT	16	2.94
Conoco Inc	WD	69	GI	43	G/O	ACT	10	2.79
Conoco Inc	WD	95	WD	70	GAS	ACT	10	2.72
Conoco Inc	WD	95	WD	70	GAS	ACT	06	2.70
Conoco Inc	WD	94	WD	71	G/O	ACT	06	2.18
Conoco Inc	WD	70	WD	69	GAS	ACT	12	2.08
Conoco Inc	WD	94	WD	70	GAS	ACT	12	2.05
Conoco Inc	WD	70	WD	71	BLKG	ACT	06	1.84
Conoco Inc	MP	296	MP	296	GAS	ACT	06	1.71
Conoco Inc	MP	296	MP	296	GAS	ACT	04	1.62
Conoco Inc	MP	145	MP	296	BLKG	ACT	06	1.56
Conoco Inc	MP	296	MP	296	GAS	ACT	04	1.56
Conoco Inc	WD	68	GI	43	G/O	ABN	06	1.52
Conoco Inc	WD	70	WD	69	GAS	ACT	06	1.52
Conoco Inc	WD	69	GI	43	G/O		06	1.52
Conoco Inc	MP	296	MP	296	GAS	ACT	04	1.37
Conoco Inc	WD	68	GI	43	GAS	ACT	08	1.33
Conoco Inc	WD	71	WD	71	GAS	ACT	12	1.23
Conoco Inc	WD	71	GI	43	G/O	A/C	12	1.17
Conoco Inc	WD	70	WD	69	G/O	ACT	08	1.14
Conoco Inc	WD	96	WD	95	GAS	ACT	06	1.14
Conoco Inc	WD	95	WD	96	G/O		10	1.14
Conoco Inc	WD	71	WD	71	G/O	ACT	06	1.14

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Louisiana (continued)								
Conoco Inc	WD	71	WD	71	G/O	ACT	08	1.14
Conoco Inc	WD	96	WD	95	GAS	ACT	06	1.14
Conoco Inc	WD	71	WD	71	GAS	ACT	06	1.10
Conoco Inc	WD	69	WD	69	G/O	ACT	10	1.08
Conoco Inc	WD	69	WD	69	GAS	ACT	08	1.08
Conoco Inc	WD	69	WD	69	GAS	ACT	06	1.05
Conoco Inc	WD	96	WD	95	GAS	CNCL	06	1.04
Conoco Inc	WD	70	WD	70	GAS	ACT	06	1.00
Conoco Inc	WD	71	WD	71	GAS	ACT	12	0.98
Conoco Inc	WD	68	GI	32	GAS	ACT	06	0.98
Conoco Inc	WD	71	WD	71	GAS	OUT	12	0.97
Conoco Inc	WD	69	WD	70	GAS	ACT	06	0.81
Conoco Inc	WD	95	WD	95	GAS	ABN	06	0.76
Conoco Inc	WD	70	WD	70	GAS	ACT	06	0.72
Conoco Inc	WD	70	WD	70	GAS	ACT	10	0.68
Conoco Inc	WD	58	WD	58	GAS	ABN	06	0.65
Conoco Inc	WD	58	WD	58	G/O	OUT	04	0.63
Conoco Inc	WD	94	WD	94	G/O	ACT	06	0.57
Conoco Inc	WD	95	WD	95	G/O	ABN	08	0.57
Conoco Inc	WD	94	WD	94	GAS	ACT	10	0.49
Conoco Inc	WD	70	WD	70	G/O	OUT	08	0.32
Conoco Inc	WD	45	WD	45	SPLY	ABN	03	0.32
Conoco Inc	WD	45	WD	45	SPLY	ABN	03	0.07
Conoco Inc	WD	95	WD	95	GAS	ABN	08	0.06
Conoco Inc	WD	70	WD	70	GAS	ACT	10	0.04
Conoco Inc	WD	70	WD	70	GAS	ACT	10	0.03
Conoco Inc	WD	95	WD	70	GAS	COMB	10	0.00
Conoco Inc	WD	68	GI	43	GAS	COMB	08	0.00
Conoco Inc	WD	94	WD	94	GAS	COMB	10	0.00
Conoco Inc	WD	94	WD	70	GAS	COMB	12	0.00
Conoco Inc	WD	71	WD	71	GAS	COMB	12	0.00
Conoco Inc	WD	71	WD	71	GAS	COMB	12	0.00
Conoco Inc	WD	71	GI	43	GAS	COMB	16	0.00
Conoco Inc	WD	70	WD	70	GAS	COMB	10	0.00
Conoco Inc	WD	71	WD	71	GAS	COMB	12	0.00
Conoco Inc	WD	95	WD	95	GAS	COMB	08	0.00
Conoco Inc	WD	70	WD	69	GAS	COMB	12	0.00
Conoco Inc	WD	69	WD	69	GAS	COMB	06	0.00
Conoco Inc	WD	69	GI	43	GAS	COMB	16	0.00
Dauphin Island Gathering Syst.	VK	31	MO	821	G/C	ACT	08-20	17.76
Dauphin Island Gathering Syst.	VK	80	MO	959	G/C	PROP	12	11.77
Delmar Operating	MP	255	MP	252	GAS	ACT	08	5.59
Delmar Operating	MP	259	MP	259	GAS	ACT	08	0.32
Diamond Shamrock	MP	181	MP	108	GAS	ACT	08	7.06
Diamond Shamrock	MP	112	MP	117	BLKG	ACT	06	6.77
Diamond Shamrock	MP	125	MP	116	BLKG	ACT	06	6.70
Diamond Shamrock	MP	39	MP	116	BLKG	OUT	04	6.68
Diamond Shamrock	MP	117	MP	116	BLKG	ACT	08	3.31
Diamond Shamrock	MP	111	MP	112	BLKG	ACT	04	2.99
Diamond Shamrock	MP	181	MP	181	BLKG	ACT	04	2.43
Diamond Shamrock	MP	116	MP	127	GAS	ABN	08	2.36
Diamond Shamrock	MP	116	MP	116	BLKG	ACT	08	2.06
Diamond Shamrock	MP	116	MP	116	GAS	ACT	08	2.06
Diamond Shamrock	MP	126	MP	116	BLKG	ACT	04	2.03
Diamond Shamrock	MP	114	MP	117	GAS	A/C	06	1.89
Diamond Shamrock	MP	112	MP	112	BLKG	ACT	04	1.72
Diamond Shamrock	MP	124	MP	125	BLKG	ACT	04	1.64
Diamond Shamrock	MP	116	MP	116	BLKG	ACT	04	1.56
Diamond Shamrock	MP	117	MP	116	BLKG	OUT	04	0.69
Diamond Shamrock	MP	116	MP	116	GAS	OUT	03	0.11
Diamond Shamrock	MP	116	MP	116	BLKG	REM	03	0.11
Elf Exploration	MP	30	BS	25	GAS	ACT	06	5.33
Energy Development	SP	47	SP	51	GAS	PROP	08	5.16
Energy Development	MP	89	MP	95	BLKG	PROP	04	2.46
Energy Development	WD	57	WD	58	BLKG	ACT	06	2.25

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Louisiana (continued)								
Energy Development	WD	58	WD	57	SPLY	ACT	02	2.25
Energy Development	MP	96	MP	95	BLKG	ACT	03	1.95
Energy Development	MP	96	MP	95	BLKG	ACT	04	1.95
Energy Development	WD	58	WD	58	BLKG	ACT	08	0.94
Energy Development	BS	0042	BS	0042	GAS	ACT	04	0.45
Energy Development	MP	209	MP	209	GAS	CNCL	06	0.08
Energy Development	MP	95	MP	95	GAS	ACT	04	0.05
Enron & Chiefton Intl. a/	VK	156	CA	38	BLKG	ACT	04	6.23
Enron & Chiefton Intl. a/	VK	32	VK	31	BLKG	ACT	06	4.72
Enron & Chiefton Intl. a/	VK	32	VK	31	BLKG	ACT	06	3.36
Enron & Chiefton Intl. a/	VK	74	VK	31	BLKG	ACT	06	2.16
Enstar Corp.	WD	26	WD	26	SPLY	ABN	02	0.40
EP Operating Line	MC	442	EW	482	BLKG	ACT	03	5.60
EP Operating Line	MC	442	EW	482	BLKG	ACT	03	5.60
EP Operating Line	MC	442	EW	482	BLKG	ACT	03	5.60
EP Operating Line	MC	441	EW	482	BLKG	ACT	03	2.74
EP Operating Line	MC	441	EW	482	BLKG	ACT	03	2.74
EP Operating Line	MC	441	EW	482	BLKG	ACT	03	2.74
Ewing Bank Gat	VK	817	VK	817	GAS	PROP	16	0.12
Exxon Corp	WD	73	SP	93	SPLY	ACT	08	27.99
Exxon Corp	WD	73	GI	18	GAS	ACT	12	19.56
Exxon Corp	MC	280	SP	93	GAS	ACT	10	15.48
Exxon Corp	WD	99	WD	73	G/O	OUT	04	9.31
Exxon Corp	WD	99	WD	73	GAS	ACT	12	9.21
Exxon Corp	MC	355	MC	397	BLKG	ACT	08	5.94
Exxon Corp	MC	355	MC	397	BLKG	ACT	04	5.91
Exxon Corp	WD	30	WD	31	BLKG	ACT	06-08	5.74
Exxon Corp	WD	100	WD	99	BLKG	ACT	06	3.15
Exxon Corp	WD	21	WD	30	BLKG	ACT	06	2.11
Exxon Corp	WD	74	WD	73	G/O	ACT	08	1.75
Exxon Corp	WD	30	WD	31	GAS	ACT	06	1.68
Exxon Corp	WD	32	WD	31	GAS	ACT	06	1.58
Exxon Corp	WD	74	WD	73	BLKG	ACT	08	1.50
Exxon Corp	WD	30	WD	30	G/O	A/C	06	1.46
Exxon Corp	SP	93	SP	93	GAS	ACT	10	1.44
Exxon Corp	WD	32	WD	31	GAS	ACT	06	1.36
Exxon Corp	SP	93	SP	93	SPLY	ACT	04	1.26
Exxon Corp	WD	31	WD	31	GAS	ACT	06	1.25
Exxon Corp	WD	31	WD	31	GAS	ACT	04	1.18
Exxon Corp	WD	30	WD	30	G/C	ACT	06	1.14
Exxon Corp	WD	30	WD	30	GAS	ABN	02	1.08
Exxon Corp	WD	99	WD	99	G/O	ACT	06	1.03
Exxon Corp	WD	30	WD	30	BLKG	OUT	02	0.99
Exxon Corp	WD	31	WD	31	GAS	ACT	06	0.97
Exxon Corp	WD	31	WD	31	G/C	ACT	04	0.95
Exxon Corp	WD	30	WD	30	GAS	ACT	06	0.94
Exxon Corp	WD	73	WD	73	G/O	ACT	12	0.87
Exxon Corp	WD	30	WD	30	BLKG	OUT	02	0.84
Exxon Corp	WD	30	WD	30	GAS	ACT	06	0.84
Exxon Corp	WD	74	WD	74	GAS	ACT	06	0.78
Exxon Corp	WD	31	WD	31	GAS	OUT	10	0.73
Exxon Corp	WD	74	WD	74	GAS	ABN	08	0.72
Exxon Corp	WD	73	WD	73	GAS	ACT	08	0.68
Exxon Corp	WD	30	WD	30	GAS	ACT	06	0.64
Exxon Corp	WD	30	WD	30	GAS	OUT	02	0.59
Exxon Corp	WD	30	WD	30	GAS	ACT	06	0.58
Exxon Corp	WD	30	WD	30	GAS	ABN	04	0.44
Exxon Corp	WD	32	WD	32	GAS	OUT	06	0.25
Exxon Corp	WD	32	WD	31	GAS	ACT	04	0.23
Exxon Corp	WD	21	WD	30	BLKG	A/C	06	0.20
Exxon Corp	WD	30	WD	31	G/O	A/C	08	0.13
Exxon Corp	WD	30	WD	30	G/O	A/C	08	0.13
Exxon Corp	WD	21	WD	30	G/C	A/C	06	0.09
Exxon Corp	WD	30	WD	30	GAS	A/C	06	0.09
Exxon Corp	WD	30	WD	31	G/C	A/C	08	0.09

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Exxon Corp	WD	31	WD	31	G/O	OUT	10	0.04
Exxon Corp	WD	31	WD	31	GAS	ACT	04	0.03
Exxon Pipeline	WD	73	GI	22	G/O	R/A	16	19.79
Flores & Rucks	SP	28	SP	28	GAS		08	2.08
Flores & Rucks	SP	28	SP	28	GAS		20	1.70
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.52
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	1.42
Flores & Rucks	SP	28	SP	24	BLKG	ACT	04	1.33
Flores & Rucks	SP	28	SP	28	GAS		10	1.33
Flores & Rucks	SP	28	SP	28	GAS	ACT	08	1.33
Flores & Rucks	SP	28	SP	23	GAS	ACT	08	1.27
Flores & Rucks	SP	28	SP	28	GAS		06	1.25
Flores & Rucks	SP	28	SP	28	GAS		06	1.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.14
Flores & Rucks	SP	28	SP	28	GAS	ACT	06	1.14
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.14
Flores & Rucks	SP	28	SP	28	GAS		04	1.14
Flores & Rucks	SP	28	SP	23	GAS		04	1.13
Flores & Rucks	SP	23	SP	28	GAS		06	1.04
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.04
Flores & Rucks	SP	28	SP	28	GAS		06	1.04
Flores & Rucks	SP	28	SP	28	GAS		06	1.04
Flores & Rucks	SP	28	SP	23	GAS	ACT	06	1.04
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.02
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.02
Flores & Rucks	SP	28	SP	28	GAS	ACT	10	1.01
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	1.00
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.98
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.98
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.98
Flores & Rucks	SP	28	SP	28	BLKG	OUT	04	0.95
Flores & Rucks	SP	27	SP	28	BLKG	ACT	04	0.95
Flores & Rucks	SP	28	SP	28	GAS		03	0.95
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.95
Flores & Rucks	SP	28	SP	28	BLKG	ACT	06	0.95
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.95
Flores & Rucks	SP	27	SP	28	BLKG	ACT	04	0.95
Flores & Rucks	SP	28	SP	28	GAS	PABN	06	0.85
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.85
Flores & Rucks	SP	28	SP	28	GAS	ACT	08	0.85
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.83
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.83
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.80
Flores & Rucks	SP	28	SP	28	GAS		16	0.76
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.72
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.72
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.72
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.72
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.68
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.68
Flores & Rucks	SP	28	SP	28	BLKG	ABN	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.66
Flores & Rucks	SP	27	SP	27	BLKG	ACT	04	0.62
Flores & Rucks	SP	27	SP	27	BLKG	ACT	04	0.62
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.59
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	27	SP	24	GAS	ACT	06	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	28	SP	28	GAS	ACT	06	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.57
Flores & Rucks	SP	28	SP	27	GAS	ACT	06	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	24	SP	24	GAS	ACT	06	0.57
Flores & Rucks	SP	28	SP	28	GAS	ACT	10	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.57
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.53
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.53
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.53
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.53
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.51
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.47
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.47
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.47
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.47
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.47
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.47
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.45
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.45
Flores & Rucks	SP	28	SP	28	GAS		03	0.45
Flores & Rucks	SP	28	SP	28	GAS		10	0.44
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.44
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.42
Flores & Rucks	SP	28	SP	28	BLKG	ACT	02-04	0.42
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.40
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.40
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.40
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.38
Flores & Rucks	SP	24	SP	24	GAS	ACT	06	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.38
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.36
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.34
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.34
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.34
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.34
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.34
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.32
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.32
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.32
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.30
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.30
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.30
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.30
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.30
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.30
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.28

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Louisiana (continued)								
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.28
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.28
Flores & Rucks	SP	28	SP	28	G/O	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	G/O	ACT	04	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.27
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.25
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	GAS	ACT	10	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.23
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.21
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.19
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.19
Flores & Rucks	SP	28	SP	28	G/O	ACT	08	0.19
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.19
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.19
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.19
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.19
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.17
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.17
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.17
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.17
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.17
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.15
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.15
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.15

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.15
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	G/O	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.13
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.11
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.11
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.11
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.11
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.11
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.11
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.09
Flores & Rucks	SP	28	SP	28	G/O	ACT	06	0.09
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.09
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.09
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.09
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.09
Flores & Rucks	SP	28	SP	28	BLKG	ACT	03	0.08
Flores & Rucks	SP	28	SP	28	GAS		06	0.08
Flores & Rucks	SP	27	SP	27	BLKG	ACT	20	0.07
Flores & Rucks	SP	28	SP	28	BLKG	ACT	20	0.06
Flores & Rucks	SP	27	SP	27	BLKG	ACT	20	0.06
Flores & Rucks	SP	28	SP	28	BLKG	ACT	04	0.05
Freeport-McMoran	MP	299	MP	299	BLKG	ACT	04	1.07
Freeport-McMoran	MP	299	MP	299	GAS	ACT	08	1.06
Freeport-McMoran	MP	299	MP	299	GAS	ACT	08	0.87
Freeport-McMoran	MP	299	MP	299	BLKG	ACT	04	0.86
Freeport-McMoran	MP	299	MP	299	GAS	ACT	06	0.26
General Atlantic	MP	175	MP	0178	GAS	ACT	06	5.91
General Atlantic	MP	56	MP	55	BLKG	R/A	04	0.55
Global Marine	MP	69	MP	69	SPLY	ACT	02	0.56
Global Marine	MP	69	MP	69	BLKG	ACT	03	0.56
Gulfstar Energy Inc.	MP	154	CA	37	G/C	ACT	06	12.92
Gulfstar Energy Inc.	CA	37	VK	247	G/C	ACT	08	3.75
Gulfstar Energy Inc.	CA	37	CA	37	BLKG	ACT	04	1.08
Hall-Houston Oil	MP	227	MP	265	BLKG	RELQ	08	8.46
Hall-Houston Oil	MP	244	MP	265	BLKG	ACT	06	2.97
Hall-Houston Oil	WD	94	WD	94	G/C	ACT	08	2.82
Hall-Houston Oil	CA	29	CA	29	GAS	ACT	06	1.44
Hall-Houston Oil	MP	89	CA	30	BLKG	ABN	04	1.39
Hall-Houston Oil	MP	89	CA	30	BLKG	ABN	04	1.39
Hall-Houston Oil	MP	227	MP	227	BLKG	CNCL	04	1.35
Hall-Houston Oil	WD	94	WD	94	BLKG	ACT	08	1.33
Hall-Houston Oil	MP	243	MP	265	BLKG	CNCL	04	1.22
Howell Petroleum	MP	55	MP	65	BLKG	OUT	04	3.60
Howell Petroleum	MP	64	MP	64	SPLY	PROP	02	1.33
Howell Petroleum	MP	64	MP	64	BLKG	ACT	03	1.04
Howell Petroleum	MP	64	MP	65	SPLY	ACT	02	0.88
Howell Petroleum	MP	64	MP	65	GAS	CNCL	06	0.87
Kerr McGee Corp.	MP	102	MP	102	BLKG	CNCL	04	2.81
Kerr McGee Corp.	MP	102	MP	102	BLKG	ACT	06	2.62
Kerr McGee Corp.	MP	94	MP	93	BLKG	ACT	04	2.44
Kerr McGee Corp.	MP	94	MP	93	BLKG	ACT	04	2.37
Kerr McGee Corp.	MP	107	MP	108	BLKG	PROP	04	1.75
Kerr McGee Corp.	MP	93	MP	93	BLKG	ACT	04	1.47
Kerr McGee Corp.	MP	90	MP	93	BLKG	ACT	04	1.41
Kerr McGee Corp.	MP	93	MP	93	BLKG	REM	04	1.23
Kerr McGee Corp.	MP	93	MP	93	BLKG	ACT	04	1.23
Kerr McGee Corp.	MP	108	MP	108	BLKG	ACT	04	1.11
Kerr McGee Corp.	MP	93	MP	102	BLKG	ACT	06	1.10
Kerr McGee Corp.	MP	93	MP	102	BLKG	ACT	06	1.09
Kerr McGee Corp.	MP	108	MP	108	BLKG	ACT	04	0.94

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Kerr McGee Corp.	MP	93	MP	93	BLKG	ACT	04	0.84
Kerr McGee Corp.	MP	93	MP	93	BLKG	ACT	04	0.68
Kerr McGee Corp.	MP	90	MP	93	BLKG	CNCL	04	0.00
Kerr - McGee Pipeline	MP	107	MP	101	GAS	RELQ	06	4.31
Kirby Exploration	WD	134	WD	133	GAS	R/A	08	4.42
Koch Gateway	MP	72	MP	151	GAS	ACT	06	5.26
Koch Gateway	MP	73	MP	72	GAS	ACT	12	1.40
Marathon Oil Co	WD	143	WD	128	GAS	OUT	06	5.92
Marathon Oil Co	SP	86	SP	89	SPLY	ACT	06	4.61
Marathon Oil Co	SP	87	WD	128	GAS	ACT	10	4.43
Marathon Oil Co	WD	86	WD	86	BLKG	ACT	06	1.33
Marathon Oil Co	SP	89	SP	89	SPLY	COMB	06	0.00
Mesa Operating	WD	62	WD	61	BLKG	CNCL	03	1.38
Mobil Exploration	MP	103	MP	92	BLKG	ACT	04	4.32
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	2.41
Mobil Oil Expl.	MP	7	MP	92	GAS		03	1.76
Mobil Oil Expl.	MP	19	MP	103	GAS	ABN	04	1.76
Mobil Oil Expl.	MP	93	MP	92	BLKG	ABN	03	1.61
Mobil Oil Expl.	MP	7	MP	92	BLKG	ACT	03	1.57
Mobil Oil Expl.	MP	92	MP	92	BLKG	ABN	03	1.55
Mobil Oil Expl.	MP	92	MP	92	BLKG	OUT	03	1.55
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	1.46
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	1.46
Mobil Oil Expl.	WD	33	WD	32	G/O	ABN	06	1.42
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	1.42
Mobil Oil Expl.	MP	7	MP	92	BLKG	ACT	03	1.36
Mobil Oil Expl.	MP	6	MP	92	BLKG	ABN	03	1.33
Mobil Oil Expl.	MP	6	MP	92	BLKG	ABN	03	1.33
Mobil Oil Expl.	MP	91	MP	92	BLKG	ACT	03	1.25
Mobil Oil Expl.	MP	91	MP	92	BLKG	ACT	03	1.25
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	04	1.23
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	1.04
Mobil Oil Expl.	MP	7	MP	92	BLKG	ACT	03	1.04
Mobil Oil Expl.	MP	7	MP	92	BLKG	ACT	03	1.04
Mobil Oil Expl.	MP	92	MP	92	BLKG	OUT	03	1.04
Mobil Oil Expl.	MP	92	MP	92	BLKG	OUT	03	0.98
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.98
Mobil Oil Expl.	MP	7	MP	92	BLKG	OUT	03	0.95
Mobil Oil Expl.	MP	7	MP	92	BLKG	ACT	03	0.95
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.85
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.85
Mobil Oil Expl.	MP	103	MP	18	SPLY	ACT	02	0.78
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.74
Mobil Oil Expl.	MP	91	MP	92	BLKG	OUT	03	0.74
Mobil Oil Expl.	MP	91	MP	92	BLKG	OUT	03	0.74
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.74
Mobil Oil Expl.	MP	103	MP	92	BLKG	ACT	03	0.70
Mobil Oil Expl.	MP	92	MP	92	BLKG	ABN	03	0.62
Mobil Oil Expl.	MP	18	MP	103	BLKG	ACT	04	0.53
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.53
Mobil Oil Expl.	MP	7	MP	7	BLKG	ACT	04	0.53
Mobil Oil Expl.	MP	92	MP	92	BLKG	OUT	03	0.51
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.51
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.50
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.49
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.49
Mobil Oil Expl.	MP	92	MP	92	BLKG	ABN	03	0.49
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.45
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.38
Mobil Oil Expl.	MP	7	MP	7	SPLY	ACT	02	0.38
Mobil Oil Expl.	MP	7	MP	7	BLKG	ACT	02	0.38
Mobil Oil Expl.	MP	92	MP	92	BLKG	ACT	03	0.34
Mobil Oil Expl.	MP	92	MP	92	BLKG	OUT	03	0.34
Mobil Oil Expl.	MP	103	MP	103	BLKG	ACT	03	0.32
Mobil Oil Expl.	MP	7	MP	7	BLKG	ACT	02	0.28

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Louisiana (continued)								
Mobil Oil Expl.	MP	7	MP	7	BLKG	ACT	02	0.28
Mobil Oil Expl.	MP	103	MP	103	SPLY	ACT	02	0.28
Mobil Oil Expl.	MP	7	MP	7	BLKG	ACT	02	0.28
Murphy Exploration	CA	41	MP	160	BLKG	ACT	06	4.71
Murphy Exploration	MP	106	MP	95	GAS	CNCL	06	4.25
Murphy Exploration	MP	159	MP	163	BLKG	ACT	06	4.01
Murphy Exploration	MP	160	MP	163	BLKG	ACT	06	2.40
Murphy Exploration	MP	160	MP	163	BLKG	ACT	04	2.39
Murphy Exploration	MP	113	MP	106	BLKG	ABN	04	2.13
Murphy Exploration	MP	161	MP	160	BLKG	ACT	04	2.06
Murphy Exploration	VK	204	VK	204	BLKG	ACT	04	1.93
Murphy Exploration	MP	163	MP	163	BLKG	ACT	04	1.64
Murphy Exploration	VK	204	VK	203	BLKG	ACT	06	1.53
Murphy Exploration	MP	106	MP	106	BLKG	ABN	04	1.34
Murphy Exploration	MP	106	MP	106	BLKG	ABN	04	1.34
Murphy Exploration	VK	203	VK	203	BLKG	ACT	04	1.12
Murphy Exploration	MP	163	MP	163	BLKG	OUT	04	1.10
Murphy Exploration	MP	113	MP	113	BLKG	CNCL	04	0.90
Murphy Exploration	MP	113	MP	113	BLKG	ABN	04	0.79
Murphy Exploration	MP	106	MP	106	BLKG	ABN	04	0.60
Murphy Exploration	MP	106	MP	106	BLKG	ABN	04	0.55
Murphy Exploration	MP	113	MP	113	BLKG	CNCL	04	0.42
Murphy Exploration	MP	106	MP	107	GAS	R/A	08	0.35
Murphy Exploration	MP	113	MP	113	BLKG	ABN	04	0.35
Murphy Exploration	MP	163	MP	163	GAS	ACT	10	0.08
Natural Gas Pipeline	WD	109	SP	77	GAS	ACT	12	5.41
Natural Gas Pipeline	SP	78	SP	77	GAS	ACT	16	2.20
Norcen b/	MP	100	MP	95	GAS	ACT	04	2.83
Norcen b/	WD	50	WD	50	BLKG	ACT	04	2.49
Norcen b/	WD	50	WD	50	BLKG	ABN	02	2.41
Norcen b/	WD	50	WD	50	BLKG	ABN	02	2.41
Norcen b/	WD	50	WD	50	BLKG	ABN	02	2.40
Norcen b/	WD	50	WD	50	BLKG	ACT	04	0.29
Nuevo Energy Co	WD	152	WD	133	G/O	ACT	08	10.49
Nuevo Energy Co	WD	152	MC	311	G/O	ACT	08	7.13
OEDC	VK	24	VK	69	BLKG	ACT	04	1.56
Oryx Energy Co.	WD	152	MC	268	GAS	ACT	10	7.96
Oryx Energy Co.	MC	447	WD	152	BLKG	CNCL	06	7.88
Oryx Energy Co.	MC	445	WD	152	BLKG	ACT	06	7.65
Oryx Energy Co.	MC	445	WD	152	BLKG	ACT	06	7.22
Oryx Energy Co.	MC	401	WD	152	BLKG	ACT	06	4.38
Oryx Energy Co.	MC	401	WD	152	BLKG	ACT	06	4.05
Oxy USA Inc.	MP	91	MP	92	BLKG	OUT	03	2.25
Oxy USA Inc.	MP	91	MP	92	BLKG	OUT	03	2.25
Oxy USA Inc.	MP	91	MP	92	BLKG	OUT	03	1.04
Oxy USA Inc.	MP	91	MP	92	BLKG	OUT	03	1.04
Oxy USA Inc.	MP	91	MP	92	BLKG	OUT	03	0.85
Panaco Inc.	WD	58	WD	56	BLKG	ACT	12	3.71
Pennzoil Petroleum	MP	140	MP	56	BLKG	ACT	18	15.99
Pennzoil Petroleum	MP	140	MP	140	GAS	OUT	08	1.16
Pennzoil Petroleum	MP	140	MP	140	BLKG	ACT	12	1.16
Petsec Energy	MP	7	MP	7	GAS	ACT	04	1.19
PG&E	MP	98	MP	95	GAS	ACT	06	6.26
PG&E Resources	MP	98	MP	98	GAS	OUT	06	1.18
Phillips Petroleum	CA	40	MP	163	GAS	CNCL	08	4.87
Pogo Producing	MP	123	MP	133	G/C	ACT	06	2.44
Preussag Oil & Gas	MP	151	MP	151	GAS	ACT	10	0.72
Samedan Oil	MC	365	SP	88	G/C	ACT	12	8.68
Samedan Oil	MP	101	MP	102	GAS	OUT	08	4.50
Samedan Oil	WD	20	WD	18	BLKG	ACT	06	4.46
Samedan Oil	CA	38	CA	34	GAS	ACT	06	4.02
Samedan Oil	SP	83	SP	54	GAS	ACT	10	4.02
Samedan Oil	MP	306	MP	306	GAS	ACT	06	1.61
Samedan Oil	MP	305	MP	306	GAS	ACT	10	1.58
Samedan Oil	WD	33	WD	18	BLKG	ACT	04	1.53

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Samedan Oil	MP	305	MP	305	GAS	ACT	10	1.47
Samedan Oil	WD	33	WD	18	BLKG	ACT	06	1.13
Samedan Oil	WD	18	WD	18	BLKG	ACT	06	1.10
Samedan Oil	MP	306	MP	306	GAS	ACT	10	0.90
Samedan Oil	MP	305	MP	305	GAS	ACT	10	0.86
Samedan Oil	WD	18	WD	18	GAS	ACT	16	0.34
Samedan Oil	WD	18	WD	18	BLKG	ABN	04	0.21
Samedan Oil	WD	18	WD	18	BLKG	ABN	04	0.15
Samedan Oil	WD	18	WD	18	BLKG	A/C	06	0.12
Santa Fe Energy	VK	76	VK	31	BLKG	ACT	06	4.13
Seneca Resources	WD	17	WD	17	BLKG	ACT	04	0.29
Shell Gas Pipeline	MC	731	WD	143	G/C	PROP	12	68.00
Shell Gas Pipeline	WD	143	WD	25	G/C	PROP	30	45.00
Shell Gas Pipeline	MC	807	WD	143	G/C	PROP	14	45.00
Shell Offshore	VK	783	MP	252	BLKG	ACT	04	12.11
Shell Offshore	MC	194	MC	148	GAS	ACT	12	7.51
Shell Offshore	WD	103	WD	104	G/O	ACT	08	3.03
Shell Offshore	SP	70	SP	60	GAS	PROP	04	2.33
Shell Offshore	MP	310	MP	310	GAS	ACT	04	2.16
Shell Offshore	WD	104	WD	104	G/O		08	2.08
Shell Offshore	WD	104	WD	104	G/O	ACT	08	2.08
Shell Offshore	WD	32	WD	31	GAS	ACT	06	1.89
Shell Offshore	SP	65	MP	153	GAS	ACT	06	1.70
Shell Offshore	SP	62	SP	62	GAS	ACT	06	1.70
Shell Offshore	SP	65	MP	153	SPLY	ACT	10	1.38
Shell Offshore	WD	32	WD	32	G/O	CNCL	06	1.19
Shell Offshore	WD	103	WD	103	G/O	ACT	06	1.14
Shell Offshore	MP	289	MP	289	G/C	OUT	02	1.14
Shell Offshore	SP	62	SP	62	GAS	ACT	08	1.14
Shell Offshore	WD	105	WD	104	GAS	ACT	06	1.06
Shell Offshore	MP	289	MP	290	GAS	ACT	08	1.04
Shell Offshore	MP	290	MP	289	BLKG	ACT	10	0.94
Shell Offshore	WD	32	WD	32	G/O	ABN	06	0.85
Shell Offshore	WD	122	WD	122	G/O	ACT	08	0.83
Shell Offshore	SP	62	SP	62	GAS	ACT	10	0.81
Shell Offshore	WD	32	WD	32	G/O	CNCL	04	0.76
Shell Offshore	WD	32	WD	32	G/O	ABN	04	0.76
Shell Offshore	WD	32	WD	32	G/O	ACT	06	0.73
Shell Offshore	WD	32	WD	32	G/O	ACT	06	0.57
Shell Offshore	SP	29	SP	28	G/O	CNCL	04	0.57
Shell Offshore	WD	32	WD	32	BLKG	ACT	10	0.30
Shell Offshore	WD	122	WD	122	G/O	R/C	08	0.30
Shell Offshore	WD	32	WD	32	BLKG	ABN	03	0.25
Shell Offshore	WD	134	WD	122	G/O	COMB	08	0.00
Shell Offshore	WD	122	WD	133	G/O	COMB	08	0.00
Shell Oil Co.	SP	70	SP	65	G/O	R/A	08	8.41
Shell Oil Co.	SP	70	SP	60	GAS	ACT	08	2.20
Shell Oil Co.	SP	70	SP	67	G/O	RELQ	08	1.48
Shell Pipe Line	WD	122	WD	104	G/O	ACT	08	9.47
Shell Pipe Line	WD	134	WD	122	G/O	R/A	08	2.46
Southern Natural	MC	397	WD	26	GAS	ACT	20	50.01
Southern Natural	WD	104	WD	18	GAS	ACT	18	28.41
Southern Natural	MP	298	MP	55	GAS	ACT	26	24.67
Southern Natural	SP	60	MP	62	GAS	ACT	18	24.34
Southern Natural	MC	311	WD	89	GAS	ACT	16	23.15
Southern Natural	MP	107	MP	141	GAS	ACT	14	17.23
Southern Natural	MC	194	SP	29	GAS	ACT	16	16.95
Southern Natural	MP	116	MP	59	GAS	ACT	12	12.84
Southern Natural	SP	62	MP	298	GAS	ACT	20	12.31
Southern Natural	MP	265	MP	290	GAS	ACT	08	12.26
Southern Natural	WD	133	WD	104	GAS	ACT	12	11.36
Southern Natural	MP	293	MP	298	GAS	ACT	24	10.23
Southern Natural	WD	29	WD	20	GAS	ACT	12	9.11
Southern Natural	MP	289	MP	293	GAS	ACT	24	8.14
Southern Natural	MP	133	MP	144	GAS	ACT	12	7.61

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Southern Natural	MP	153	SP	62	GAS	ACT	14	7.58
Southern Natural	MP	127	MP	129	GAS	ACT	08	5.81
Southern Natural	MP	120	MP	133	BLKG	ACT	08	5.01
Southern Natural	MP	108	MP	107	GAS	ACT	12	4.26
Southern Natural	MP	298	MP	299	GAS	ACT	08	3.99
Southern Natural	MP	313	SP	62	GAS	ACT	08	3.98
Southern Natural	MP	64	MP	57	GAS	ACT	08	3.66
Southern Natural	MP	306	MP	293	GAS	ACT	18	3.22
Southern Natural	MP	77	MP	151	GAS	ACT	10	2.79
Southern Natural	MP	65	MP	57	GAS	ACT	04	2.77
Southern Natural	MP	310	MP	311	GAS	ACT	06	2.47
Southern Natural	MP	144	MP	296	GAS	ACT	12	2.27
Southern Natural	WD	42	WD	42	GAS	ACT	06	1.89
Southern Natural	MP	115	MP	117	GAS	R/A	06	1.80
Southern Natural	MP	311	MP	311	GAS	ACT	06	1.70
Southern Natural	MP	298	MP	298	GAS	ACT	12	1.55
Southern Natural	MP	77	MP	151	GAS	R/C	10	1.50
Southern Natural	MP	311	MP	311	GAS	ACT	06	1.24
Southern Natural	MP	133	MP	133	GAS	ACT	10	1.23
Southern Natural	MP	129	MP	129	GAS	ACT	08	1.19
Southern Natural	WD	89	WD	89	GAS	R/A	08	0.80
Southern Natural	MP	293	MP	293	GAS	ACT	12	0.57
Southern Natural	WD	89	WD	89	GAS	ACT	08	0.45
Southern Natural	BS	53	BS	53	GAS	ACT	06	0.41
Southern Natural	WD	75	WD	75	GAS	ACT	08	0.38
Southern Natural	MP	296	MP	296	GAS	ACT	06	0.35
Southern Natural	MP	59	MP	59	GAS	ACT	04	0.33
Southern Natural	MC	268	MC	268	GAS	ACT	16	0.27
Southern Natural	MP	116	MP	116	GAS	COMB	03	0.00
Southern Natural	MP	117	MP	127	GAS	COMB	08	0.00
Southern Natural	MP	236	MP	133	BLKG	COMB	08	0.00
Southern Natural	MP	114	MP	117	GAS	COMB	06	0.00
Tennessee Gas	SP	49	SP	55	GAS	ACT	12	15.00
Tennessee Gas	WD	61	WD	26	GAS	ACT	30	12.10
Tennessee Gas	SP	77	SP	55	GAS	ACT	26	10.70
Tennessee Gas	MC	148	SP	55	GAS	ACT	20	7.86
Tennessee Gas	SP	55	SP	55	GAS	ACT	36	6.03
Tennessee Gas	WD	58	WD	61	GAS	ACT	08	5.78
Tennessee Gas	WD	64	WD	40	GAS	OUT	12	5.21
Tennessee Gas	WD	31	WD	20	GAS	ACT	12	5.11
Tennessee Gas	WD	76	WD	61	GAS	ACT	04	4.95
Tennessee Gas	WD	45	WD	31	GAS	ACT	12	3.79
Tennessee Gas	MC	63	SP	49	GAS	ACT	08	3.40
Tennessee Gas	WD	40	WD	39	GAS	ACT	12	2.65
Tennessee Gas	MP	297	MP	298	GAS	OUT	04	2.55
Tennessee Gas	SP	45	SP	44	GAS	ACT	08	2.54
Tennessee Gas	WD	63	WD	64	GAS	OUT	06	2.09
Tennessee Gas	WD	59	WD	58	GAS	R/A	12	1.74
Tennessee Gas	WD	62	WD	61	GAS	RELQ	12	1.59
Tennessee Gas	WD	35	WD	35	GAS	PROP	12	1.57
Tennessee Gas	WD	62	WD	61	BLKG	ACT	03	1.38
Tennessee Gas	WD	35	WD	35	GAS	R/C	12	1.00
Tennessee Gas	WD	27	WD	27	GAS	ACT	04	0.98
Tennessee Gas	WD	58	WD	59	GAS	ACT	06	0.96
Tennessee Gas	SP	49	SP	50	GAS	ACT	06	0.93
Tennessee Gas	SP	55	SP	54	GAS	RELQ	08	0.91
Tennessee Gas	WD	61	WD	61	GAS	RELQ	12	0.76
Tennessee Gas	SP	54	SP	45	GAS	ACT	12	0.76
Tennessee Gas	SP	52	SP	52	GAS	ACT	08	0.08
Tennessee Gas	WD	35	WD	35	GAS	ACT	06	0.06
Texaco Inc.	MP	95	MP	95	G/C	ABN	03	0.61
Texaco Inc.	MP	95	MP	95	G/C	ABN	03	0.61
Texaco Inc.	MP	95	MP	95	G/C	ABN	03	0.61
Texaco Inc.	SP	37	SP	37	GAS	A/C	08	0.06
Texas Eastern	SP	89	WD	26	GAS	ACT	20	39.50

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Eastern Louisiana (continued)								
Texas Eastern	MP	92	MP	44	GAS	ACT	24	23.79
Texas Eastern	MP	165	MP	95	GAS	ACT	24	15.76
Texas Eastern	VK	203	MP	165	GAS	ACT	24	13.16
Texas Eastern	CA	25	MP	93	GAS	ACT	12	11.43
Texas Eastern	MP	202	MP	164	GAS	ACT	12	8.66
Texas Eastern	MP	95	MP	7	GAS	ACT	16	8.13
Texas Eastern	MP	92	CA	29	GAS	ACT	10	7.15
Texas Eastern	CA	22	MP	162	GAS	ACT	16	7.10
Texas Eastern	MP	94	MP	92	GAS	R/A	08	5.55
Texas Eastern	WD	86	WD	87	GAS	ACT	12	3.54
Texas Eastern	BS	53	BS	53	G/O	ACT	10	2.99
Texas Eastern	SP	86	SP	88	GAS	ACT	12	2.71
Texas Eastern	MP	209	MP	202	GAS	ACT	08	2.44
Texas Eastern	MP	92	MP	92	GAS	ACT	14	2.22
Texas Eastern	MP	103	MP	103	GAS	ACT	08	1.83
Texas Eastern	CA	17	CA	25	GAS	ACT	08	1.82
Texas Eastern	CA	40	CA	34	GAS	ACT	08	1.74
Texas Eastern	SP	93	SP	88	GAS	ACT	08	1.62
Texas Eastern	MP	102	MP	102	GAS	ACT	08	1.57
Texas Eastern	MP	90	MP	93	GAS	R/A	06	1.40
Texas Eastern	MP	165	MP	165	GAS	OUT	08	0.49
Texas Eastern	CA	34	CA	34	GAS	ACT	10	0.33
Texas Eastern	MP	165	MP	164	GAS	ACT	10	0.27
Texas Eastern	VK	203	VK	203	GAS	ACT	16	0.23
Texas Eastern	MP	95	MP	95	GAS	ACT	16	0.09
Transcontinental	MC	20	SP	53	GAS	ACT	12	21.24
Transcontinental	WD	34	WD	35	GAS	ACT	08	2.59
Transcontinental	BS	54	BS	53	GAS	ACT	06	2.46
Transcontinental	MP	7	MP	7	GAS	OUT	08	1.46
Transcontinental	WD	34	WD	34	GAS	OUT	08	1.32
Vastar Resources Inc.	SP	60	SP	67	GAS	ACT	06	2.31
Vastar Resources Inc.	SP	67	SP	60	GAS	ACT	12	2.29
Vastar Resources Inc.	SP	60	SP	60	GAS	ACT	12	1.33
Vastar Resources Inc.	SP	60	SP	60	NGER	ACT	04	0.94
Vastar Resources Inc.	MP	77	MP	77	BLKG	PROP	04	0.91
Vastar Resources Inc.	SP	60	SP	60	NGER	ACT	04	0.90
Vastar Resources Inc.	SP	60	SP	60	GAS	ACT	12	0.76
Viosca Knoll	VK	817	SP	55	GAS	ACT	20	56.60
Viosca Knoll	MP	252	VK	817	GAS	ACT	20	37.48
Viosca Knoll	VK	817	MP	289	GAS	PROP	16	6.26
W & T Offshore	MP	234	MP	202	BLKG	ACT	06	6.42
Walter Oil and Gas	VK	986	VK	900	BLKG	PROP	06	8.34
Walter Oil and Gas	MP	245	MP	265	GAS	ACT	08	6.67
Walter Oil and Gas	MP	291	MP	293	BLKG	ACT	04	5.06
Walter Oil and Gas	MP	301	MP	311	GAS	ACT	04	4.19
Walter Oil and Gas	MP	281	MP	245	BLKG	ACT	06	3.12
Walter Oil and Gas	MP	149	MP	301	BLKG	ACT	04	2.12
Walter Oil and Gas	WD	35	WD	35	BLKG	ACT	04	1.82
Walter Oil and Gas	MP	301	MP	301	BLKG	ACT	04	1.80
Walter Oil and Gas	WD	63	WD	62	BLKG	ACT	08	1.58
Walter Oil and Gas	WD	106	WD	106	BLKG	ACT	04	1.19
Walter Oil and Gas	MP	56	MP	55	GAS	CNCL	04	0.81
Walter Oil and Gas	WD	62	WD	62	GAS	ACT	04	0.65
WMC Pipeline	MP	138	MP	142	GAS	ACT	04	3.09
Zilkha Energy	WD	97	WD	99	G/C	ACT	08	3.79
Zilkha Energy	WD	97	WD	97	BLKG	ACT	04	1.46
Central Louisiana								
Agip Petroleum	GI	102	GI	94	G/C	ACT	16	8.67
Agip Petroleum	SM	250	SM	257	GAS	PROP	06	2.95
Amerada Hess Co.	ST	206	ST	175	G/C	ACT	16	11.14
Amerada Hess Co.	SM	107	SM	107	BLKG	ABN	03	3.05
Amerada Hess Co.	ST	225	ST	206	BLKG	ACT	06	3.04
Amerada Hess Co.	ST	205	ST	206	BLKG	ACT	08	2.38
Amerada Hess Co.	EI	38	EI	57	BLKG	ACT	08	2.28

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Amerada Hess Co.	EI	56	EI	38	BLKG	ACT	03	2.14
Amerada Hess Co.	ST	206	ST	206	BLKG	ACT	04	1.89
Amerada Hess Co.	EI	159	EI	159	BLKG	ACT	04	1.38
Amerada Hess Co.	EI	57	EI	57	BLKG	OUT	03	1.26
Amerada Hess Co.	EI	38	EI	57	BLKG	ACT	03	0.85
Amerada Hess Co.	EI	38	EI	38	BLKG	OUT	03	0.74
Amerada Hess Co.	EI	38	EI	38	BLKG	OUT	04	0.72
Amerada Hess Co.	EI	57	EI	57	BLKG	ACT	03	0.70
Amerada Hess Co.	EI	38	EI	38	BLKG	OUT	03	0.62
Amerada Hess Co.	EI	58	EI	57	BLKG	OUT	03	0.61
Amerada Hess Co.	EI	10	EI	10	BLKG	OUT	04	0.60
Amerada Hess Co.	EI	56	EI	56	BLKG	OUT	03	0.56
Amerada Hess Co.	EI	10	EI	10	BLKG	OUT	04	0.55
Amerada Hess Co.	EI	38	EI	38	BLKG	OUT	03	0.53
Amerada Hess Co.	EI	56	EI	38	BLKG	O/C	03	0.45
Amerada Hess Co.	EI	38	EI	57	BLKG	O/C	03	0.44
Amerada Hess Co.	EI	10	EI	10	BLKG	CNCL	04	0.36
Amerada Hess Co.	EI	57	EI	57	BLKG	ACT	03	0.19
Amoco Production	EI	193	EI	215	BLKG	ACT	04	4.17
Amoco Production	EI	186	EI	193	BLKG	CNCL	06	4.17
Amoco Production	SM	38	SM	33	BLKG	ABN	04	3.34
Amoco Production	SM	38	SM	33	G/C	CNCL	06	3.06
Amoco Production	SS	176	SS	177	BLKG	ACT	04	2.94
Amoco Production	EI	300	EI	300	BLKG	ACT	06	2.46
Amoco Production	EI	186	EI	193	BLKG	ACT	04	2.37
Amoco Production	ST	160	ST	161	GAS	ACT	10	2.28
Amoco Production	EI	301	EI	322	BLKG	CNCL	04	2.26
Amoco Production	EI	224	EI	224	BLKG	ABN	04	2.16
Amoco Production	SS	177	SS	177	BLKG	ACT	06	2.10
Amoco Production	SS	38	SS	26	G/C	ABN	04	2.00
Amoco Production	SS	177	SS	177	BLKG	ACT	04	1.84
Amoco Production	EI	273	EI	273	BLKG	ACT	06	1.81
Amoco Production	EI	301	EI	322	BLKG	ACT	04	1.51
Amoco Production	EI	225	EI	224	BLKG	ABN	06	1.35
Amoco Production	EI	322	EI	322	BLKG	ACT	04	1.29
Amoco Production	SS	84	SS	84	BLKG	CNCL	06	1.28
Amoco Production	SM	33	SM	33	G/C	ACT	10	1.15
Amoco Production	EI	215	EI	215	SPLY	ACT	03	1.04
Amoco Production	EI	224	EI	224	G/C	ACT	08	0.90
Amoco Production	EI	193	EI	193	GAS	ABN	03	0.53
Amoco Production	EI	301	EI	322	BLKG	A/C	04	0.18
ANR Pipeline Co.	SM	108	EI	188	GAS	ACT	24	43.56
ANR Pipeline Co.	EI	199	EI	34	GAS	ACT	20	43.56
ANR Pipeline Co.	SS	207	EI	188	GAS	ACT	24	31.76
ANR Pipeline Co.	EI	188	EI	63	GAS	ACT	30	30.91
ANR Pipeline Co.	EI	296	EI	188	GAS	ACT	30	30.32
ANR Pipeline Co.	EI	188	EI	63	GAS	ACT	30	29.88
ANR Pipeline Co.	EI	250	EI	188	GAS	ACT	24	23.84
ANR Pipeline Co.	SM	58	EI	199	GAS	ACT	20	20.27
ANR Pipeline Co.	SM	10	EI	115	GAS	ACT	12	17.99
ANR Pipeline Co.	SS	291	SS	219	GAS	ACT	10	16.38
ANR Pipeline Co.	SM	137	SM	108	GAS	ACT	24	13.71
ANR Pipeline Co.	EI	259	EI	231	GAS	ACT	12	10.89
ANR Pipeline Co.	EI	63	EI	34	GAS	ACT	30	10.80
ANR Pipeline Co.	EI	371	EI	341	GAS	ACT	16	10.10
ANR Pipeline Co.	EI	30	EI	34	GAS	ACT	06	9.64
ANR Pipeline Co.	EI	327	EI	296	GAS	ACT	16	8.34
ANR Pipeline Co.	SM	146	SM	132	GAS	ACT	10	8.06
ANR Pipeline Co.	EI	42	EI	34	GAS	ACT	06	7.63
ANR Pipeline Co.	EI	39	EI	63	GAS	R/A	10	7.44
ANR Pipeline Co.	SM	260	SM	249	GAS	ACT	12	7.15
ANR Pipeline Co.	EI	208	EI	209	GAS	ACT	04	4.87
ANR Pipeline Co.	EI	307	EI	305	GAS	ACT	16	4.55
ANR Pipeline Co.	PL	18	PL	13	GAS	ACT	08	4.13
ANR Pipeline Co.	SS	115	SS	139	GAS	ACT	06	4.10

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
ANR Pipeline Co.	EI	158	EI	175	GAS	ACT	10	4.07
ANR Pipeline Co.	SM	6	SM	10	GAS	ACT	06	4.00
ANR Pipeline Co.	SM	265	SM	257	GAS	ACT	08	3.92
ANR Pipeline Co.	EI	267	EI	266	GAS	ACT	10	3.67
ANR Pipeline Co.	SS	292	SS	291	GAS	R/A	06	3.34
ANR Pipeline Co.	EI	85	EI	99	GAS	ACT	06	3.19
ANR Pipeline Co.	SS	300	SS	291	GAS	ACT	08	3.18
ANR Pipeline Co.	EI	208	EI	207	GAS	ACT	08	2.74
ANR Pipeline Co.	SM	51	SM	62	GAS	R/A	08	2.65
ANR Pipeline Co.	EI	295	EI	306	G/C	ACT	10	2.58
ANR Pipeline Co.	EI	247	EI	266	GAS	ACT	08	2.15
ANR Pipeline Co.	EI	247	EI	266	GAS	ACT	08	1.66
ANR Pipeline Co.	SS	219	SS	204	GAS	ACT	12	1.64
ANR Pipeline Co.	EI	248	EI	247	GAS	ACT	06	1.47
ANR Pipeline Co.	EI	341	EI	327	GAS	ACT	16	1.43
ANR Pipeline Co.	EI	307	EI	307	GAS	ACT	06	1.33
ANR Pipeline Co.	EI	188	EI	188	GAS	ACT	24	1.30
ANR Pipeline Co.	EI	266	EI	266	GAS	ACT	12	1.14
ANR Pipeline Co.	EI	188	EI	188	GAS	ACT	12	1.14
ANR Pipeline Co.	EI	188	EI	188	GAS	ACT	30	1.11
ANR Pipeline Co.	EI	248	EI	247	GAS	OUT	06	1.09
ANR Pipeline Co.	SM	136	SM	137	GAS	ACT	12	1.08
ANR Pipeline Co.	SS	206	SS	207	GAS	R/A	06	1.06
ANR Pipeline Co.	SS	135	SS	135	GAS	ACT	06	1.05
ANR Pipeline Co.	SM	7	SM	10	G/O	OUT	08	0.95
ANR Pipeline Co.	EI	217	EI	217	G/C	ACT	06	0.93
ANR Pipeline Co.	EI	231	EI	231	GAS	ACT	12	0.89
ANR Pipeline Co.	SS	115	SS	115	GAS	ACT	06	0.87
ANR Pipeline Co.	EI	266	EI	266	GAS	ACT	12	0.72
ANR Pipeline Co.	EI	159	EI	159	GAS	ACT	08	0.70
ANR Pipeline Co.	SS	204	SS	204	G/O	ACT	12	0.63
ANR Pipeline Co.	SM	108	SM	108	GAS	ACT	08	0.60
ANR Pipeline Co.	SM	108	SM	108	GAS	R/A	06	0.47
ANR Pipeline Co.	EI	266	EI	266	GAS	ACT	12	0.34
ANR Pipeline Co.	EI	231	EI	231	GAS	ACT	12	0.22
ANR Pipeline Co.	SM	146	SM	132	G/O	R/C	10	0.21
ANR Pipeline Co.	EI	175	EI	175	GAS	ACT	08	0.20
ANR Pipeline Co.	SM	137	SM	137	GAS	ACT	12	0.19
ANR Pipeline Co.	EI	208	EI	208	GAS	ACT	04	0.18
ANR Pipeline Co.	EI	63	EI	63	G/O	ACT	08	0.13
ANR Pipeline Co.	PL	12	PL	12	GAS	ACT	08	0.11
Apache Corporation	ST	221	ST	223	G/C	ACT	06	6.19
Apache Corporation	SS	291	SS	293	BLKG	ACT	06	4.05
Apache Corporation	EI	281	EI	296	G/C	ACT	08	3.95
Apache Corporation	SM	172	SM	161	GAS	ACT	06	2.81
Apache Corporation	GI	82	GI	82	G/C	ACT	06	2.50
Apache Corporation	SS	291	SS	291	BLKG	PROP	06	2.42
Apache Corporation	EI	278	EI	257	BLKG	ACT	03	2.41
Apache Corporation	ST	143	ST	165	G/C	ACT	06	2.07
Apache Corporation	SS	316	SS	322	BLKG	ACT	04	1.94
Apache Corporation	ST	144	ST	143	BLKG	ACT	06	1.61
Apache Corporation	ST	144	ST	143	BLKG	ACT	06	1.61
Apache Corporation	SM	95	SM	109	G/C	ACT	06	1.58
Apache Corporation c/	SS	58	SS	36	GAS	ACT	06	8.95
Apache Corporation c/	EI	277	EI	278	G/C	ACT	04	2.96
Apache Corporation c/	SS	37	SS	26	GAS	CNCL	08	2.72
Apache Corporation c/	SS	37	SS	26	BLKG	OUT	03	2.66
Apache Corporation c/	SS	37	SS	50	GAS	ACT	08	1.72
Apache Corporation c/	EI	191	EI	191	GAS	ACT	04	1.28
Apache Corporation c/	SS	37	SS	37	BLKG	ACT	03	1.03
Apache Corporation c/	SS	37	SS	37	BLKG	CNCL	03	0.92
Apache Corporation c/	SS	37	SS	37	BLKG	CNCL	03	0.79
Apache Corporation c/	SS	37	SS	37	BLKG	ACT	03	0.77
Apache Corporation c/	SS	37	SS	37	BLKG	ACT	03	0.22
Ashlawn Energy	GI	75	GI	76	BLKG	OUT	04	1.70

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Ashlawn Energy	SS	26	SS	26	BLKG	ACT	02-03	1.17
Ashlawn Energy	SS	26	SS	26	BLKG	ACT	02	1.10
Atlantic Richfield	SS	178	SS	178	GAS	ACT	06	0.70
Atlantic Richfield	EI	107	EI	107	BLKG	PABN	04	0.56
Atlantic Richfield	EI	107	EI	107	BLKG	PABN	04	0.56
Atlantic Richfield	EI	190	EI	190	G/O	ABN	04	0.44
Atlantic Richfield	EI	190	EI	190	GAS	ABN	08	0.28
B T Operating	EI	294	EI	294	BLKG	ACT	04	1.87
Brooklyn Union	EI	48	SM	253	G/C	ACT	06	2.65
Brooklyn Union	SM	280	SM	268	G/C	R/A	06	1.55
Brooklyn Union	SM	253	SM	252	G/C	ACT	06	1.28
Brooklyn Union	EI	48	EI	48	BLKG	ACT	04	1.04
Brooklyn Union	SM	280	SM	268	G/C	CNCL	06	0.88
Brooklyn Union	SM	252	SM	252	BLKG	ACT	03	0.74
Brooklyn Union	SM	253	SM	253	BLKG	ACT	02	0.01
Brooklyn Union	SM	253	SM	253	BLKG	ACT	02	0.01
Brooklyn Union	SM	253	SM	253	BLKG	ACT	02	0.01
Br. - Borneo Exploration	EI	287	EI	287	BLKG	PROP	03	2.53
CanadianOxy Offshore Prod.	EI	258	EI	258	BLKG	ACT	04	2.72
CanadianOxy Offshore Prod.	EI	258	EI	258	BLKG	ACT	04	2.72
CanadianOxy Offshore Prod.	EI	258	EI	258	BLKG	ACT	04	1.66
CanadianOxy Offshore Prod.	EI	255	EI	258	BLKG	ACT	04	1.65
CanadianOxy Offshore Prod.	EI	255	EI	258	BLKG	ACT	04	1.65
Century Offshore	ST	107	ST	140	GAS	OUT	10	9.03
Century Offshore	EI	298	EI	296	G/C	R/A	06	4.32
Century Offshore	SS	62	SS	63	G/C	R/A	06	3.38
Century Offshore	SS	150	SS	149	BLKG	ACT	06	0.88
Chevron Pipe Line	ST	151	WD	41	G/C	ACT	26	45.39
Chevron Pipe Line	ST	35	GI	71	G/C	ACT	20	26.15
Chevron Pipe Line	ST	177	ST	151	GAS	ACT	14-10	10.87
Chevron Pipe Line	ST	37	ST	37	GAS	ACT	12	2.09
Chevron Pipe Line	BM	3	ST	23	G/O	REM	04	1.38
Chevron Pipe Line	ST	23	ST	24	SPLY	ACT	06	0.90
Chevron Pipe Line	BM	2	GI	37	G/O	ACT	06	0.90
Chevron Pipe Line	ST	130	ST	131	GAS	ACT	08	0.85
Chevron Pipe Line	ST	35	ST	35	GAS	ACT	12	0.81
Chevron Pipe Line	ST	37	ST	37	GAS	ACT	12	0.76
Chevron Pipe Line	ST	36	ST	36	GAS	ACT	12	0.38
Chevron Pipe Line	ST	151	ST	151	GAS	ACT	12	0.09
Chevron USA	ST	130	WD	41	G/C	OUT	22	38.21
Chevron USA	ST	37	ST	19	G/O	ACT	24	9.47
Chevron USA	ST	130	ST	151	GAS	ACT	22	7.01
Chevron USA	EI	64	EI	51	GAS	ACT	12	5.66
Chevron USA	ST	35	ST	19	GAS	ACT	16	5.42
Chevron USA	EI	231	EI	237	BLKG	ACT	04	4.54
Chevron USA	EI	74	EI	65	GAS	ACT	12	4.11
Chevron USA	EI	237	EI	252	BLKG	ACT	08	4.04
Chevron USA	GI	37	BM	2	GAS	ACT	06	4.00
Chevron USA	EI	231	EI	230	SPLY	ABN	01	3.73
Chevron USA	SM	9	EI	133	BLKG	R/A	03-04	3.67
Chevron USA	SM	67	SM	61	BLKG	R/A	04	3.62
Chevron USA	ST	51	ST	35	GAS	ACT	12	3.36
Chevron USA	EI	237	EI	238	BLKG	ACT	08	3.32
Chevron USA	ST	128	ST	135	BLKG	ACT	08	3.01
Chevron USA	SS	100	SS	108	BLKG	ACT	06	3.00
Chevron USA	SS	100	SS	108	BLKG	ACT	06	2.99
Chevron USA	EI	237	EI	238	BLKG	ACT	08	2.97
Chevron USA	SS	100	SS	108	BLKG	ACT	04	2.96
Chevron USA	ST	28	ST	20	GAS	ACT	14	2.94
Chevron USA	ST	151	ST	134	BLKG	ACT	08-10	2.85
Chevron USA	ST	22	ST	21	GAS	ACT	06	2.84
Chevron USA	GI	37	ST	24	GAS	ACT	10	2.83
Chevron USA	ST	52	ST	35	GAS	R/C	06	2.69
Chevron USA	ST	52	ST	51	GAS	ACT	06	2.59
Chevron USA	SS	98	SS	108	BLKG	ACT	04	2.49

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Chevron USA	ST	35	ST	35	BLKG	OUT	06	2.46
Chevron USA	SM	61	SM	61	GAS	ACT	10	2.42
Chevron USA	SS	129	SS	150	BLKG	ABN	06	2.37
Chevron USA	ST	35	ST	35	BLKG	ACT	08	2.26
Chevron USA	ST	52	ST	51	SPLY	ACT	03	2.25
Chevron USA	ST	21	ST	21	GAS	REM	06	2.22
Chevron USA	EI	238	EI	238	GAS	ACT	16	2.20
Chevron USA	SS	69	SS	69	SPLY	ACT	04	2.18
Chevron USA	ST	186	ST	186	BLKG	ABN	06	2.17
Chevron USA	ST	35	ST	35	BLKG	ACT	06	2.17
Chevron USA	SS	69	SS	69	BLKG	ACT	04	2.12
Chevron USA	ST	169	ST	196	BLKG	ACT	04	2.08
Chevron USA	ST	35	ST	35	BLKG	CNCL	10	2.05
Chevron USA	EI	352	EI	339	GAS	PROP	06	2.04
Chevron USA	SM	288	EI	133	SPLY	CNCL	06	1.91
Chevron USA	SS	169	SS	169	GAS	ACT	08	1.75
Chevron USA	EI	74	EI	74	SPLY	PROP	02	1.72
Chevron USA	EI	74	EI	74	BLKG	PROP	04	1.72
Chevron USA	SM	256	SM	265	BLKG	CNCL	04	1.71
Chevron USA	SM	275	SM	275	BLKG	ACT	04	1.61
Chevron USA	ST	51	ST	52	BLKG	CNCL	06	1.57
Chevron USA	EI	65	EI	65	SPLY	ABN	02	1.52
Chevron USA	EI	65	EI	65	BLKG	ABN	03	1.52
Chevron USA	EI	353	EI	360	BLKG	ACT	06	1.51
Chevron USA	GI	37	ST	24	SPLY	ACT	08	1.48
Chevron USA	SM	250	SM	250	BLKG	ABN	03	1.48
Chevron USA	EI	238	EI	252	BLKG	ACT	08	1.47
Chevron USA	EI	252	EI	238	G/C	ACT	08	1.47
Chevron USA	ST	100	ST	111	GAS	ACT	06	1.46
Chevron USA	EI	353	EI	360	GAS	ACT	06	1.46
Chevron USA	ST	51	ST	51	BLKG	CNCL	04	1.43
Chevron USA	ST	23	BM	3	G/O	REM	04	1.38
Chevron USA	ST	23	ST	24	SPLY	ACT	08	1.33
Chevron USA	SM	275	SM	275	BLKG	ACT	04	1.30
Chevron USA	SM	275	SM	275	SPLY	ACT	02	1.30
Chevron USA	SM	287	SM	9	SPLY	PABN	01	1.27
Chevron USA	EI	65	EI	64	SPLY	ACT	02	1.25
Chevron USA	EI	64	EI	65	BLKG	ACT	03	1.25
Chevron USA	EI	64	EI	65	BLKG	ACT	03	1.25
Chevron USA	ST	24	BM	2	SPLY	ACT	06	1.23
Chevron USA	SS	176	SS	198	BLKG	ABN	02	1.22
Chevron USA	ST	23	ST	23	BLKG	ACT	02	1.21
Chevron USA	EI	229	EI	238	BLKG	ACT	10	1.15
Chevron USA	EI	214	EI	231	BLKG	ACT	03	1.14
Chevron USA	ST	23	ST	23	SPLY	ACT	08	1.14
Chevron USA	ST	21	ST	21	GAS	CNCL	08	1.14
Chevron USA	GI	37	BM	2	SPLY	ACT	08	1.14
Chevron USA	BM	3	ST	23	SPLY	ACT	08	1.14
Chevron USA	ST	23	ST	23	SPLY	ACT	10	1.14
Chevron USA	ST	21	ST	21	GAS	REM	04	1.14
Chevron USA	SM	275	SM	275	BLKG	ACT	03	1.14
Chevron USA	ST	128	ST	128	GAS	PABN	24	1.12
Chevron USA	EI	252	EI	252	G/C	ACT	08	1.11
Chevron USA	SM	61	SM	61	BLKG	OUT	04	1.10
Chevron USA	SS	25	SS	26	BLKG	REM	04	1.08
Chevron USA	ST	23	BM	3	GAS	ACT	04	1.08
Chevron USA	BM	3	ST	23	SPLY	CNCL	10	1.04
Chevron USA	ST	51	ST	52	BLKG	ACT	06	1.04
Chevron USA	ST	52	ST	52	BLKG	ACT	04	1.01
Chevron USA	ST	52	ST	52	BLKG	ACT	04	1.01
Chevron USA	ST	51	ST	52	BLKG	ACT	04	1.00
Chevron USA	ST	51	ST	52	BLKG	ACT	04	1.00
Chevron USA	SS	108	SS	108	BLKG	ABN	04	0.98
Chevron USA	SM	250	SM	249	BLKG	ABN	03	0.96
Chevron USA	ST	128	ST	134	BLKG	ACT	08	0.95

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Chevron USA	SM	78	SM	78	BLKG	PROP	04	0.95
Chevron USA	SM	288	SM	288	BLKG	ACT	03	0.95
Chevron USA	SM	288	SM	288	SPLY	ACT	02	0.95
Chevron USA	SM	288	SM	288	BLKG	OUT	03	0.95
Chevron USA	ST	135	ST	135	BLKG	PABN	08	0.95
Chevron USA	ST	188	ST	189	BLKG	ACT	06	0.95
Chevron USA	ST	188	ST	189	BLKG	OUT	06	0.93
Chevron USA	SM	77	SM	78	BLKG	ACT	08	0.92
Chevron USA	ST	52	ST	52	BLKG	ACT	06	0.90
Chevron USA	ST	151	ST	135	BLKG	ACT	08	0.89
Chevron USA	SM	77	SM	78	BLKG	ACT	06	0.88
Chevron USA	EI	360	EI	361	GAS	ACT	06	0.88
Chevron USA	ST	52	ST	52	BLKG	ACT	04	0.88
Chevron USA	EI	229	EI	229	BLKG	ACT	08	0.86
Chevron USA	ST	24	ST	23	SPLY	ACT	06	0.85
Chevron USA	ST	130	ST	130	BLKG	OUT	06	0.85
Chevron USA	SS	69	SS	69	SPLY	ACT	02	0.84
Chevron USA	SS	108	SS	108	G/O	ABN	04	0.83
Chevron USA	SS	108	SS	108	G/O	ABN	04	0.83
Chevron USA	ST	172	ST	172	BLKG	ACT	08	0.82
Chevron USA	ST	23	ST	24	BLKG	OUT	04	0.80
Chevron USA	SS	198	SS	198	GAS	ABN	06	0.80
Chevron USA	ST	52	ST	52	BLKG	ACT	04	0.80
Chevron USA	ST	51	ST	51	SPLY	ACT	04	0.80
Chevron USA	ST	51	ST	51	BLKG	ACT	08	0.80
Chevron USA	ST	24	ST	24	SPLY	ACT	06	0.80
Chevron USA	EI	360	EI	361	GAS	ACT	08	0.77
Chevron USA	ST	51	ST	51	BLKG	ACT	04	0.77
Chevron USA	ST	23	ST	23	GAS	ACT	06	0.76
Chevron USA	EI	64	EI	65	G/C	ACT	03	0.76
Chevron USA	ST	52	ST	52	BLKG	ABN	04	0.76
Chevron USA	GI	37	BM	2	SPLY	ACT	06	0.76
Chevron USA	ST	151	ST	151	BLKG	ACT	06	0.76
Chevron USA	ST	21	ST	21	G/O	REM	08	0.76
Chevron USA	EI	65	EI	64	SPLY	ACT	01	0.76
Chevron USA	SS	198	SS	199	G/C	ABN	06	0.76
Chevron USA	ST	23	ST	23	GAS	REM	06	0.74
Chevron USA	ST	51	ST	51	BLKG	ACT	04	0.74
Chevron USA	ST	51	ST	52	BLKG	ACT	04	0.69
Chevron USA	EI	74	EI	74	SPLY	ACT	01	0.69
Chevron USA	BM	2	GI	37	SPLY	ACT	08	0.69
Chevron USA	SM	288	SM	288	G/C	CNCL	03	0.68
Chevron USA	SM	288	SM	288	G/C	CNCL	03	0.68
Chevron USA	ST	21	ST	28	SPLY	ACT	14	0.68
Chevron USA	SM	288	SM	288	BLKG	ACT	06	0.66
Chevron USA	EI	64	EI	65	G/C	ACT	03	0.66
Chevron USA	EI	65	EI	64	SPLY	ACT	01	0.66
Chevron USA	SS	108	SS	108	BLKG	ACT	04	0.66
Chevron USA	SM	9	SM	9	BLKG	ABN	04	0.66
Chevron USA	SS	108	SS	108	BLKG	ACT	04	0.66
Chevron USA	EI	230	EI	230	BLKG	ACT	08	0.66
Chevron USA	SS	108	SS	108	BLKG	ACT	06	0.66
Chevron USA	SS	66	SS	69	BLKG	ACT	04	0.64
Chevron USA	ST	172	ST	172	BLKG	ACT	08	0.64
Chevron USA	SS	108	SS	108	BLKG	ABN	04	0.62
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.61
Chevron USA	SM	275	SM	275	BLKG	ACT	04	0.60
Chevron USA	ST	147	ST	147	G/C	ACT	04	0.60
Chevron USA	SM	275	SM	275	SPLY	ACT	02	0.60
Chevron USA	ST	21	ST	21	SPLY	ACT	14	0.59
Chevron USA	SS	69	SS	69	SPLY	OUT	02	0.58
Chevron USA	ST	134	ST	134	BLKG	ACT	08	0.57
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.57
Chevron USA	ST	24	ST	24	BLKG	ACT	04	0.57
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.57

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Chevron USA	SS	107	SS	108	GAS	ABN	04	0.57
Chevron USA	ST	134	ST	152	BLKG	A/C	08-10	0.56
Chevron USA	ST	128	ST	128	BLKG	CNCL	06	0.56
Chevron USA	EI	252	EI	252	G/O	ACT	08	0.53
Chevron USA	EI	65	EI	64	SPLY	ACT	01	0.53
Chevron USA	EI	64	EI	65	BLKG	ACT	03	0.53
Chevron USA	SS	69	SS	66	SPLY	ACT	04	0.52
Chevron USA	SS	108	SS	108	BLKG	ABN	04	0.51
Chevron USA	BM	3	BM	2	SPLY	OUT	04	0.51
Chevron USA	SS	108	SS	108	BLKG	ABN	04	0.51
Chevron USA	ST	51	ST	51	GAS	ACT	06	0.50
Chevron USA	SS	108	SS	108	G/O	OUT	04	0.50
Chevron USA	SS	69	SS	69	SPLY	OUT	02	0.50
Chevron USA	ST	128	ST	128	BLKG	CNCL	10	0.50
Chevron USA	EI	42	EI	42	SPLY	CNCL	02	0.50
Chevron USA	ST	130	ST	130	BLKG	ACT	06	0.47
Chevron USA	ST	130	ST	130	G/O	OUT	06	0.47
Chevron USA	ST	23	ST	23	GAS	OUT	04	0.47
Chevron USA	SS	108	SS	108	SPLY	CNCL	06	0.46
Chevron USA	SS	169	SS	169	GAS	ACT	08	0.46
Chevron USA	EI	238	EI	238	G/O	ACT	12	0.46
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.45
Chevron USA	ST	151	ST	151	BLKG	ACT	10	0.45
Chevron USA	ST	151	ST	151	BLKG	ABN	06	0.44
Chevron USA	ST	151	ST	151	BLKG	ACT	10	0.44
Chevron USA	ST	27	ST	27	BLKG	OUT	04	0.42
Chevron USA	EI	74	EI	74	SPLY	ACT	01	0.42
Chevron USA	SS	69	SS	69	SPLY	OUT	02	0.42
Chevron USA	ST	21	ST	21	BLKG	ACT	04	0.40
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.38
Chevron USA	ST	21	ST	21	BLKG	ACT	04	0.38
Chevron USA	SM	48	SM	48	G/O	ABN	08	0.38
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.36
Chevron USA	ST	134	ST	134	BLKG	ACT	04	0.36
Chevron USA	SS	69	SS	69	SPLY	ACT	02	0.35
Chevron USA	SS	108	SS	108	BLKG	ABN	04	0.32
Chevron USA	BM	3	BM	3	GAS	ACT	08	0.31
Chevron USA	SS	69	SS	69	SPLY	ACT	02	0.31
Chevron USA	ST	21	ST	21	BLKG	ACT	04	0.30
Chevron USA	SS	108	SS	108	BLKG	ABN	03	0.30
Chevron USA	SS	108	SS	108	BLKG	ACT	04	0.29
Chevron USA	SS	66	SS	69	SPLY	ACT	02	0.29
Chevron USA	ST	21	ST	21	G/O	REM	06	0.28
Chevron USA	ST	21	ST	21	G/O	REM	06	0.28
Chevron USA	ST	21	ST	21	G/O	REM	06	0.28
Chevron USA	ST	22	ST	22	BLKG	ABN	04	0.28
Chevron USA	ST	22	ST	22	SPLY	ABN	02	0.28
Chevron USA	ST	21	ST	21	G/O	REM	04	0.28
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.27
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.27
Chevron USA	SM	61	SM	61	GAS	ACT	10	0.27
Chevron USA	SS	69	SS	69	SPLY	A/C	04	0.25
Chevron USA	SS	69	SS	69	SPLY	OUT	02	0.24
Chevron USA	SS	108	SS	108	BLKG	ABN	06	0.23
Chevron USA	ST	24	ST	24	BLKG	ACT	04	0.23
Chevron USA	ST	28	ST	20	G/O	A/C	10	0.23
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.21
Chevron USA	ST	151	ST	151	BLKG	ACT	06	0.21
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.21
Chevron USA	ST	135	ST	135	BLKG	ACT	08	0.21
Chevron USA	SS	108	SS	108	SPLY	ABN	01	0.21
Chevron USA	ST	21	ST	21	GAS	ACT	06	0.13
Chevron USA	ST	27	ST	27	BLKG	ACT	04	0.11
Chevron USA	SS	69	SS	69	SPLY	ACT	02	0.07
Chevron USA	ST	134	ST	134	BLKG	ACT	08	0.06

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Chevron USA	ST	21	ST	21	GAS	REM	04	0.06
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.05
Chevron USA	ST	21	ST	21	BLKG	REM	04	0.05
Chevron USA	SM	288	SM	288	SPLY	A/C	04	0.05
Chevron USA	ST	21	ST	21	G/O	REM	04	0.04
Chevron USA	ST	51	ST	51	SPLY	ACT	03	0.02
Chevron USA	ST	51	ST	51	BLKG	ACT	04	0.01
Chevron USA	ST	51	ST	51	BLKG	ACT	04	0.01
Chevron USA	SS	108	SS	108	BLKG	ABN	04	0.01
Chevron USA	ST	52	ST	52	BLKG	COMB	04	0.00
Chevron USA	ST	21	ST	21	BLKG	COMB	04	0.00
Chevron USA	ST	130	ST	130	G/O	COMB	08	0.00
Chevron USA	ST	176	ST	176	G/O	COMB	08	0.00
Chevron USA	ST	134	ST	152	G/O	COMB	10	0.00
Chevron USA	ST	21	ST	21	BLKG	COMB	04	0.00
Chevron USA	ST	151	ST	134	BLKG	COMB	08-10	0.00
Chevron USA	ST	134	ST	152	G/O	COMB	10	0.00
Chevron USA	ST	27	ST	22	G/O	COMB	06	0.00
Chevron USA	EI	252	EI	238	G/O	COMB	08	0.00
Chevron USA	SS	154	SS	154	GAS	COMB	04	0.00
Chevron USA	SS	150	SS	150	BLKG	COMB	06	0.00
Chevron USA	SM	287	EI	133	BLKG	COMB	04	0.00
Chevron USA	SS	150	SS	154	G/O	COMB	08	0.00
Chevron USA	ST	21	ST	21	BLKG	COMB	04	0.00
Chevron USA	ST	21	ST	21	BLKG	COMB	04	0.00
Chevron USA	SS	154	SS	154	SPLY	COMB	04	0.00
Chevron USA	ST	134	ST	134	BLKG	COMB	08	0.00
Chevron USA	ST	21	ST	21	BLKG	COMB	04	0.00
CNG Producing	SS	271	EI	299	G/C	ACT	06	5.26
CNG Producing	SM	154	SM	156	G/C	ACT	10	3.98
CNG Producing	ST	75	ST	73	G/C	R/A	06	3.75
CNG Producing	ST	76	ST	73	GAS	ACT	06	1.83
CNG Producing	SM	81	SM	82	G/C	ACT	06	1.70
CNG Producing	SS	248	SS	248	BLKG	ACT	06	0.91
CNG Producing	ST	77	ST	72	GAS	ACT	08	0.86
CNG Producing	SS	271	SS	271	BLKG	OUT	06	0.76
CNG Producing	ST	76	ST	76	GAS	OUT	06	0.22
Cockrell Oil Co.	SS	105	SS	108	BLKG	ACT	06	9.19
Cockrell Oil Co.	EI	33	EI	33	BLKG	ACT	04	2.27
Cockrell Oil Co.	EI	33	EI	0018	BLKG	ACT	04	1.72
Cockrell Oil Co.	EI	33	EI	33	BLKG	ACT	04	0.80
Cockrell Oil Co.	EI	33	EI	33	BLKG	ACT	04	0.23
Columbia et al	EI	309	EI	309	BLKG	ACT	06	1.27
Columbia Gulf	EI	309	EI	250	GAS	ACT	26	17.61
Columbia Gulf	EI	309	EI	250	GAS	ACT	20	16.08
Columbia Gulf	SM	99	SM	74	GAS	ACT	16	7.91
Columbia Gulf	EI	251	EI	250	G/O	ACT	16	5.06
Columbia Gulf	EI	314	EI	309	GAS	ACT	20	4.73
Columbia Gulf	EI	250	EI	226	GAS	ACT	24	4.64
Columbia Gulf	EI	307	EI	286	GAS	ACT	10	4.36
Columbia Gulf	EI	221	EI	224	G/C	R/A	06	3.96
Columbia Gulf	EI	250	EI	227	GAS	ACT	20	3.54
Columbia Gulf	SS	247	SS	278	GAS	ACT	16	2.97
Columbia Gulf	EI	308	EI	293	GAS	ACT	08	2.84
Columbia Gulf	EI	287	EI	286	GAS	ACT	12	2.75
Columbia Gulf	SM	142	SM	127	G/C	ACT	10	2.65
Columbia Gulf	EI	309	EI	293	GAS	ACT	08	2.64
Columbia Gulf	EI	313	EI	331	GAS	R/A	12	2.54
Columbia Gulf	EI	99	EI	100	GAS	ACT	06	2.42
Columbia Gulf	SS	248	SS	247	GAS	ACT	12	2.20
Columbia Gulf	SM	143	SM	142	G/C	ACT	10	2.09
Columbia Gulf	EI	314	EI	331	GAS	ACT	12	2.08
Columbia Gulf	SM	33	SM	33	GAS	ACT	12	1.99
Columbia Gulf	SM	267	SM	268	G/C	R/A	04	1.91
Columbia Gulf	EI	273	EI	273	GAS	CNCL	10	1.85

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Columbia Gulf	EI	273	EI	285	GAS	ACT	12	1.63
Columbia Gulf	EI	314	EI	314	GAS	ACT	06	1.55
Columbia Gulf	EI	314	EI	309	GAS	ACT	06	1.47
Columbia Gulf	EI	314	EI	314	GAS	ACT	12	1.36
Columbia Gulf	EI	243	EI	224	GAS	ACT	10	1.19
Columbia Gulf	EI	273	EI	285	GAS	ACT	12	0.76
Columbia Gulf	EI	292	EI	293	GAS	ACT	18	0.53
Columbia Gulf	EI	292	EI	293	GAS	R/A	10	0.38
Columbia Gulf	EI	309	EI	309	GAS	ACT	06	0.33
Columbia Gulf	EI	250	EI	250	GAS	ACT	18	0.25
Columbia Gulf	EI	313	EI	313	GAS	ACT	12	0.21
Columbia Gulf	EI	309	EI	309	GAS	ACT	08	0.09
Conoco Inc	SM	261	VR	47	G/O	ABN	08	20.87
Conoco Inc	SS	94	SS	145	G/O	ABN	06	14.20
Conoco Inc	EI	217	EI	208	G/O	ABN	08	13.57
Conoco Inc	GC	184	GC	52	GAS	ACT	08-10	11.89
Conoco Inc	GI	47	GI	43	G/O	A/C	12	11.15
Conoco Inc	GI	41	GI	43	GAS	ACT	16	6.63
Conoco Inc	GI	45	GI	42	BLKG	ABN	04	3.60
Conoco Inc	GI	33	GI	34	G/O	ABN	06	3.12
Conoco Inc	GI	32	GI	43	BLKG	ACT	02	2.78
Conoco Inc	GI	32	GI	43	BLKG	OUT	02	2.40
Conoco Inc	SS	198	SS	198	BLKG	CNCL	08	2.30
Conoco Inc	GI	41	GI	42	G/O	ACT	08	2.08
Conoco Inc	GI	40	GI	47	G/O	ACT	04	1.80
Conoco Inc	GI	40	GI	47	GAS	ACT	04	1.75
Conoco Inc	GI	41	GI	41	G/O	ACT	06	1.74
Conoco Inc	GI	41	GI	46	GAS	ACT	08	1.70
Conoco Inc	GI	40	GI	40	BLKG	PROP	06	1.66
Conoco Inc	GI	40	GI	40	SPLY	PROP	02	1.66
Conoco Inc	GI	43	GI	43	G/O	ACT	08	1.55
Conoco Inc	GI	43	WD	69	BLKG	ACT	02	1.46
Conoco Inc	GI	43	WD	69	BLKG	ACT	02	1.46
Conoco Inc	EI	208	EI	208	BLKG	ABN	08	1.33
Conoco Inc	SS	206	SS	207	G/O	ABN	06	1.32
Conoco Inc	GI	41	GI	42	G/O	ACT	06	1.32
Conoco Inc	EI	208	EI	208	GAS	ABN	06	1.23
Conoco Inc	GI	47	GI	47	GAS	ACT	04	1.18
Conoco Inc	GI	40	GI	47	GAS	A/C	06	1.18
Conoco Inc	GI	41	GI	41	BLKG	OUT	02	1.17
Conoco Inc	GI	41	GI	41	BLKG	ACT	02	1.17
Conoco Inc	SS	144	SS	145	G/C	REM	02	1.17
Conoco Inc	GI	41	GI	41	BLKG	REM	02	1.14
Conoco Inc	GI	41	GI	41	BLKG	ACT	02	1.14
Conoco Inc	GI	41	GI	41	G/O	ACT	06	1.08
Conoco Inc	GI	41	GI	41	GAS	ACT	06	1.04
Conoco Inc	GI	48	GI	40	GAS	ACT	04	0.98
Conoco Inc	GI	47	GI	47	BLKG	ACT	08	0.95
Conoco Inc	SM	108	SM	108	GAS	CNCL	06	0.87
Conoco Inc	SS	158	SS	158	G/C	REM	02	0.76
Conoco Inc	GI	41	GI	41	BLKG	REM	02	0.76
Conoco Inc	GI	41	GI	41	BLKG	REM	02	0.76
Conoco Inc	GI	47	GI	47	BLKG	REM	02	0.70
Conoco Inc	GI	41	GI	41	G/O	ACT	06	0.61
Conoco Inc	GI	43	GI	43	GAS	ACT	12	0.51
Conoco Inc	GI	42	GI	42	GAS	ACT	12	0.25
Conoco Inc	GI	47	GI	47	G/O	ACT	08	0.19
Conoco Inc	GI	43	GI	43	GAS	COMB	12	0.00
Conoco Inc	GI	42	GI	42	GAS	COMB	12	0.00
Conoco Inc	GI	41	GI	43	GAS	COMB	16	0.00
Delmar Operating	ST	226	ST	178	GAS	ACT	06	8.94
Delmar Operating	EI	324	EI	320	GAS	ACT	04	2.88
Delmar Operating	EI	342	EI	342	GAS	ACT	06	2.19
Delmar Operating	EW	947	EW	904	GAS	ACT	10	2.15
Delmar Operating	EI	275	EI	260	GAS	ACT	06	1.90

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Delmar Operating	SM	261	SM	260	G/C	R/A	06	1.64
Delmar Operating	EI	260	EI	275	G/O	PABN	06	1.52
Delmar Operating	ST	146	ST	146	G/C	PABN	06	1.43
Delmar Operating	SM	235	SM	235	GAS	ACT	04	1.40
Delmar Operating	SM	261	SM	261	BLKG	PABN	04	0.99
Delmar Operating	SM	234	SM	235	BLKG	ACT	03	0.87
Delmar Operating	EI	199	EI	199	BLKG	ACT	04	0.80
Delmar Operating	EI	199	EI	199	BLKG	ABN	03	0.76
Delmar Operating	EI	199	EI	199	BLKG	ACT	03	0.76
Delmar Operating	EI	198	EI	199	BLKG	ACT	03	0.66
Delmar Operating	EI	199	EI	199	BLKG	ABN	03	0.47
Elf	EI	164	EI	146	G/C	ACT	04	3.50
Elf Exploration	GI	55	WD	99	G/O	ACT	08	7.00
Elf Exploration	EI	184	EI	195	GAS	ACT	06	1.21
Elf Exploration	ST	38	ST	38	GAS	ACT	03	0.15
Energy Development	GI	79	GI	80	G/C	ACT	06	2.72
EP Operating Ltd Partnership	EI	315	EI	315	GAS	PROP	12	0.32
Exxon Corp	GI	18	WD	73	SPLY	ACT	06	18.71
Exxon Corp	ST	170	ST	165	BLKG	ACT	16	7.71
Exxon Corp	GI	22	GI	16	GAS	ACT	12	4.73
Exxon Corp	ST	54	ST	55	GAS	ACT	08	3.37
Exxon Corp	GI	22	GI	17	GAS	OUT	06	2.27
Exxon Corp	ST	66	ST	55	GAS	OUT	12	2.18
Exxon Corp	ST	67	ST	54	BLKG	ACT	10	2.10
Exxon Corp	ST	164	ST	165	BLKG	ACT	10	2.08
Exxon Corp	SM	99	SM	99	BLKG	ACT	08	1.95
Exxon Corp	GI	29	GI	22	G/O	ABN	06	1.62
Exxon Corp	GI	22	GI	17	GAS	OUT	06	1.61
Exxon Corp	SS	111	SS	112	G/C	ACT	08	1.55
Exxon Corp	GI	22	GI	29	SPLY	ABN	02	1.55
Exxon Corp	EI	314	EI	314	GAS	ACT	08	1.45
Exxon Corp	ST	67	ST	54	G/O	ABN	06	1.44
Exxon Corp	GI	22	GI	29	GAS	ABN	02	1.42
Exxon Corp	GI	22	GI	29	G/O	OUT	06	1.42
Exxon Corp	ST	171	ST	171	GAS	ACT	10	1.38
Exxon Corp	GI	23	GI	23	GAS	ACT	08	1.31
Exxon Corp	ST	54	ST	54	GAS	ABN	06	1.21
Exxon Corp	ST	54	ST	54	G/O	ABN	06	1.16
Exxon Corp	GI	23	GI	22	GAS	ACT	10	1.14
Exxon Corp	GI	21	GI	21	G/O	OUT	06	1.14
Exxon Corp	ST	66	ST	54	G/O	ABN	06	1.05
Exxon Corp	GI	23	GI	23	GAS	ACT	06	1.04
Exxon Corp	ST	54	ST	66	GAS	ABN	06	1.02
Exxon Corp	GI	22	GI	22	G/C	ACT	06	1.02
Exxon Corp	GI	22	GI	22	GAS	CNCL	06	1.02
Exxon Corp	ST	54	ST	54	BLKG	ABN	06	0.94
Exxon Corp	GI	22	GI	22	GAS	ACT	06	0.85
Exxon Corp	GI	22	GI	22	G/O	ACT	06	0.83
Exxon Corp	GI	22	GI	22	GAS	ACT	02	0.78
Exxon Corp	GI	23	GI	22	GAS	ACT	06	0.51
Exxon Corp	ST	55	ST	55	GAS	ACT	06	0.45
Exxon Corp	ST	165	ST	165	BLKG	ACT	12	0.33
Exxon Corp	GI	22	GI	22	GAS	OUT	08	0.16
Exxon Corp	ST	54	ST	55	G/O	A/C	08	0.15
Exxon Corp	ST	54	ST	54	G/O	A/C	08	0.15
Exxon Corp	ST	55	ST	66	G/O	A/C	10	0.09
Exxon Corp	ST	171	ST	171	SPLY	ACT	02	0.08
Exxon Corp	ST	66	ST	67	G/O	A/C	06	0.04
Exxon Pipeline	GI	22	GI	17	G/O	ACT	12	4.89
Exxon Pipeline	GI	22	GI	16	G/O	ACT	16	3.75
Exxon Pipeline	SM	11	SM	6	G/O	ACT	06	1.00
Exxon Pipeline	SM	6	SM	6	G/O	ACT	06	0.83
Exxon Pipeline	GI	16	GI	16	G/O	ACT	16	0.47
Exxon Pipeline	ST	54	GI	22	G/O	R/C	10	0.19
Falcon	ST	30	ST	37	BLKG	PROP	06	1.61

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Florida Gas PL	SM	149	SM	132	GAS	ACT	10	6.42
FMP	GC	52	SM	174	G/C	ACT	16	26.74
FMP	SM	174	SM	106	GAS	ACT	20	25.37
FMP	SM	205	SM	174	G/C	ACT	16	10.24
FMP	GC	6	EW	977	G/C	ACT	10	4.30
Forcenergy Gas	ST	72	ST	72	BLKG	ACT	03	1.30
Forcenergy Gas	ST	72	ST	72	BLKG	ACT	03	0.96
Forcenergy Gas	ST	72	ST	72	BLKG	ACT	03	0.96
Forest	SS	190	SS	190	G/C	ACT	04	0.92
Forest Oil Corp	ST	245	ST	300	BLKG	ACT	12	9.77
Forest Oil Corp	EI	366	EI	342	GAS	R/A	12	5.36
Forest Oil Corp	EI	309	EI	331	G/O	ACT	06	3.98
Forest Oil Corp	EI	99	EI	100	BLKG	CNCL	06	2.61
Forest Oil Corp	EI	284	EI	273	GAS	ACT	06	2.34
Forest Oil Corp	EI	286	EI	292	BLKG	ACT	08	2.31
Forest Oil Corp	EI	320	EI	325	BLKG	ACT	03	1.49
Forest Oil Corp	EI	325	EI	320	GAS	ACT	10	1.43
Forest Oil Corp	EI	286	EI	287	GAS	CNCL	06	1.39
Forest Oil Corp	EI	190	EI	190	GAS	ACT	08	0.57
Forest Oil Corp	EI	255	EI	255	GAS	ACT	04	0.46
Forest Oil Corp	SS	277	SS	276	GAS	ACT	04	0.34
Four Star Oil	SS	26	SS	26	G/C	ABN	02	1.23
Four Star Oil	SS	26	SS	26	BLKG	ABN	02	1.23
Four Star Oil	SS	26	SS	26	BLKG	OUT	03	0.99
Four Star Oil	SS	26	SS	26	BLKG	ABN	03	0.95
Four Star Oil	SS	26	SS	26	GAS	ABN	02	0.87
Four Star Oil	SS	26	SS	26	GAS	ABN	02	0.64
Four Star Oil	SS	26	SS	26	GAS	ABN	02	0.64
Four Star Oil	SS	26	SS	26	BLKG	ABN	04	0.62
Four Star Oil	SS	26	SS	26	BLKG	ABN	02	0.49
Four Star Oil	SS	26	SS	26	BLKG	ABN	03	0.16
Four Star Oil	SS	26	SS	26	BLKG	ABN	02	0.09
Four Star Oil	SS	26	SS	26	BLKG	ABN	02	0.06
Four Star Oil	SS	26	SS	26	BLKG	ABN	03	0.02
Four Star Oil	SS	26	SS	26	BLKG	ABN	03	0.02
Four Star Oil	SS	26	SS	26	BLKG	COMB	03	0.00
Four Star Oil	SS	26	SS	26	BLKG	COMB	02	0.00
Four Star Oil	SS	26	SS	26	BLKG	COMB	02	0.00
Four Star Oil	SS	26	SS	26	BLKG	COMB	03	0.00
Four Star Oil	SS	26	SS	26	BLKG	COMB	02	0.00
Four Star Oil	SS	26	SS	26	BLKG	COMB	03	0.00
Freeport Interstate PL Co.	GI	17	GI	17	SPLY	OUT	05	0.61
Gas Exploration Inc.	GI	76	WD	133	GAS	ACT	12	20.30
Gas Exploration Inc.	SS	26	SS	26	BLKG	ACT	03	1.84
Gas Exploration Inc.	SM	11	SM	11	BLKG	ACT	03	1.42
Gas Exploration Inc.	SS	219	SS	219	GAS	ACT	06	1.07
Gas Exploration Inc.	SM	6	SM	6	BLKG	ACT	06	0.98
Gas Exploration Inc.	SM	6	SM	6	SPLY	ACT	02	0.87
Gas Exploration Inc.	SM	6	SM	6	GAS	ACT	03	0.87
Gas Exploration Inc.	SM	11	SM	11	BLKG	ACT	03	0.33
Gas Exploration Inc.	SM	11	SM	11	BLKG	ACT	03	0.30
Gas Transportation	ST	72	ST	72	BLKG	ABN	04	1.14
General Atlantic	EI	44	EI	51	G/C	ACT	04-06	1.38
General Atlantic	EI	44	EI	44	BLKG	ACT	04	0.64
Great Western	SM	18	SM	10	G/C	ACT	06	4.62
Great Western	ST	136	ST	151	BLKG	ACT	04	3.96
Great Western	SM	79	SM	77	GAS	ACT	08	3.18
Gulfstream Res	EI	204	EI	196	BLKG	ACT	06	2.44
Gulfstream Res	EI	196	EI	206	G/O	ACT	06	2.40
Gulfstream Res	EI	95	EI	95	BLKG	ACT	06	1.79
Gulfstream Res	EI	196	EI	196	BLKG	ACT	06	1.33
Gulfstream Res	EI	88	EI	95	BLKG	ACT	02	0.69
Gulfstream Res	EI	95	EI	95	BLKG	ACT	04	0.45
Gulfstream Res	EI	90	EI	90	BLKG	OUT	03	0.28
Gulfstream Res	EI	90	EI	90	BLKG	ACT	03	0.27

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Gulfstream Res	EI	90	EI	90	BLKG	CNCL	03	0.26
Hall-Houston Oil	EI	281	EI	299	G/C	CNCL	08	5.23
Hall-Houston Oil	SS	184	SS	167	BLKG	ACT	04	2.16
Hall-Houston Oil	SS	184	SS	167	BLKG	ACT	04	2.16
Hall-Houston Oil	ST	144	ST	143	BLKG	CNCL	06	1.60
Hardy Oil & Gas	ST	173	ST	174	G/C	PROP	06	1.14
Hughes Eastern	ST	144	ST	165	GAS	R/C	06	0.00
Hunt Oil Company	EI	77	EI	63	BLKG	ACT	03	2.62
Hunt Oil Company	EI	77	EI	63	BLKG	ACT	04	2.56
Hunt Oil Company	EI	77	EI	63	BLKG	ACT	04	2.40
Hunt Oil Company	EI	77	EI	63	BLKG	ACT	04	2.15
Hunt Oil Company	EI	77	EI	63	BLKG	OUT	03	2.11
Hunt Oil Company	EI	77	EI	63	BLKG	ACT	04	1.89
Hunt Oil Company	EI	77	EI	63	BLKG	ACT	04	1.89
Hunt Oil Company	EI	62	EI	63	BLKG	ACT	04	1.40
Hunt Oil Company	EI	62	EI	63	BLKG	ACT	04	1.16
Hunt Oil Company	EI	62	EI	63	GAS	OUT	02-03	1.13
Hunt Oil Company	EI	63	EI	63	BLKG	ACT	04	0.65
Hunt Oil Company	EI	63	EI	63	BLKG	ACT	04	0.61
Hunt Oil Company	EI	63	EI	63	BLKG	ACT	03	0.29
Hunt Oil Company	EI	63	EI	63	G/O		12	0.23
Hunt Oil Company	EI	63	EI	63	BLKG	COMB	03	0.00
Hunt Oil Company	EI	77	EI	63	BLKG	COMB	04	0.00
Hunt Oil Company	EI	77	EI	63	BLKG	COMB	03	0.00
Hunt Oil Company	EI	77	EI	63	BLKG	COMB	04	0.00
Kerr McGee Corp.	SS	28	SS	33	GAS	ACT	04	7.48
Kerr McGee Corp.	SS	237	SS	233	BLKG	CNCL	06	6.25
Kerr McGee Corp.	SS	237	SS	238	BLKG	CNCL	04	4.64
Kerr McGee Corp.	SS	27	SS	28	BLKG	ACT	08	4.18
Kerr McGee Corp.	SS	237	SS	238	BLKG	PABN	04	3.85
Kerr McGee Corp.	SS	28	SS	28	BLKG	ACT	06	3.62
Kerr McGee Corp.	SS	27	SS	28	BLKG	ACT	04	3.24
Kerr McGee Corp.	SS	29	SS	28	GAS	PABN	04-03	2.86
Kerr McGee Corp.	EW	989	GC	19	BLKG	ACT	04	2.70
Kerr McGee Corp.	EW	989	GC	19	BLKG	ACT	04	2.70
Kerr McGee Corp.	SS	32	SS	33	BLKG	ACT	06	2.61
Kerr McGee Corp.	ST	50	ST	34	BLKG	ACT	06	2.50
Kerr McGee Corp.	ST	50	ST	34	BLKG	ACT	04	2.43
Kerr McGee Corp.	PL	15	ST	34	BLKG	ACT	04	2.32
Kerr McGee Corp.	SS	300	SS	300	BLKG	ACT	06	2.18
Kerr McGee Corp.	SS	315	SS	300	BLKG	ACT	06	2.16
Kerr McGee Corp.	SS	315	SS	300	BLKG	ACT	06	2.16
Kerr McGee Corp.	SS	238	SS	233	BLKG	ACT	06	1.99
Kerr McGee Corp.	SS	238	SS	233	BLKG	ACT	06	1.99
Kerr McGee Corp.	SS	233	SS	238	SPLY	ACT	06	1.95
Kerr McGee Corp.	SS	218	SS	230	GAS	ACT	06	1.94
Kerr McGee Corp.	SS	14	SS	28	BLKG	PROP	04	1.83
Kerr McGee Corp.	SS	14	SS	28	BLKG	PROP	04	1.83
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	1.75
Kerr McGee Corp.	ST	34	ST	34	BLKG	ACT	04	1.75
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	1.75
Kerr McGee Corp.	SS	241	SS	241	GAS	ACT	08	1.74
Kerr McGee Corp.	SS	31	SS	33	BLKG	ACT	04	1.72
Kerr McGee Corp.	SS	30	SS	33	BLKG	ACT	04	1.61
Kerr McGee Corp.	SS	31	SS	33	BLKG	ACT	04	1.60
Kerr McGee Corp.	ST	50	ST	50	BLKG	REM	04	1.57
Kerr McGee Corp.	SS	218	SS	230	BLKG	ABN	05	1.57
Kerr McGee Corp.	ST	50	ST	50	BLKG	REM	04	1.57
Kerr McGee Corp.	SS	218	SS	230	BLKG	ABN	03	1.57
Kerr McGee Corp.	ST	50	ST	50	BLKG	ABN	04	1.57
Kerr McGee Corp.	SS	214	SS	214	SPLY	PROP	04-06	1.50
Kerr McGee Corp.	SS	34	SS	28	BLKG	A/C	04	1.48
Kerr McGee Corp.	SS	31	SS	33	BLKG	ACT	02	1.46
Kerr McGee Corp.	SS	33	SS	32	BLKG	ACT	04	1.39
Kerr McGee Corp.	SS	30	SS	33	BLKG	ACT	04	1.39

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Kerr McGee Corp.	SS	30	SS	33	BLKG	ACT	04	1.39
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	1.37
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	1.37
Kerr McGee Corp.	ST	34	ST	34	BLKG	ACT	04	1.37
Kerr McGee Corp.	SS	14	SS	28	BLKG	ACT	03-04	1.29
Kerr McGee Corp.	SS	30	SS	33	BLKG	OUT	06	1.29
Kerr McGee Corp.	ST	50	ST	50	BLKG	REM	04	1.27
Kerr McGee Corp.	ST	50	ST	50	BLKG	REM	04	1.27
Kerr McGee Corp.	SS	30	SS	33	BLKG	ACT	04	1.24
Kerr McGee Corp.	SS	30	SS	33	BLKG	ACT	04	1.24
Kerr McGee Corp.	SS	28	SS	28	GAS	ACT	04	1.18
Kerr McGee Corp.	ST	34	ST	34	BLKG	PREM	04	1.14
Kerr McGee Corp.	ST	50	ST	50	BLKG	ACT	04	1.14
Kerr McGee Corp.	ST	50	ST	50	BLKG	ACT	04	1.13
Kerr McGee Corp.	ST	50	ST	50	BLKG	ACT	04	1.13
Kerr McGee Corp.	ST	34	ST	34	BLKG	PREM	06	1.12
Kerr McGee Corp.	SS	214	SS	214	BLKG	ACT	04	1.10
Kerr McGee Corp.	SS	214	SS	214	BLKG	ACT	06	1.10
Kerr McGee Corp.	ST	34	ST	34	BLKG	ACT	04	1.09
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	1.00
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	1.00
Kerr McGee Corp.	ST	34	ST	34	BLKG	ACT	06	0.99
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	0.99
Kerr McGee Corp.	ST	34	ST	34	BLKG	REM	04	0.99
Kerr McGee Corp.	SS	233	SS	214	BLKG	ACT	04	0.95
Kerr McGee Corp.	SS	27	SS	27	BLKG	PABN	04	0.91
Kerr McGee Corp.	SS	214	SS	214	SPLY	ABN	04	0.85
Kerr McGee Corp.	SS	28	SS	28	BLKG	ABN	03	0.85
Kerr McGee Corp.	SS	28	SS	28	BLKG	OUT	04	0.85
Kerr McGee Corp.	SS	229	SS	229	BLKG	ABN	04	0.84
Kerr McGee Corp.	SS	28	SS	28	BLKG	ABN	02	0.81
Kerr McGee Corp.	SS	218	SS	218	BLKG	ABN	02	0.80
Kerr McGee Corp.	SS	218	SS	218	BLKG	ABN	02	0.80
Kerr McGee Corp.	SS	28	SS	28	BLKG	ABN	04	0.76
Kerr McGee Corp.	SS	27	SS	27	BLKG	PABN	04	0.76
Kerr McGee Corp.	SS	32	SS	32	BLKG	ACT	02-04	0.76
Kerr McGee Corp.	ST	50	ST	50	BLKG	REM	04	0.69
Kerr McGee Corp.	ST	50	ST	50	BLKG	REM	04	0.69
Kerr McGee Corp.	ST	50	ST	50	BLKG	ABN	04	0.68
Kerr McGee Corp.	SS	28	SS	28	BLKG	OUT	03	0.68
Kerr McGee Corp.	SS	28	SS	28	BLKG	ACT	04	0.66
Kerr McGee Corp.	SS	30	SS	29	BLKG	ABN	04	0.62
Kerr McGee Corp.	SS	33	SS	33	BLKG	ACT	04	0.62
Kerr McGee Corp.	SS	214	SS	214	SPLY	ACT	06	0.61
Kerr McGee Corp.	SS	28	SS	28	BLKG	ABN	03	0.61
Kerr McGee Corp.	SS	31	SS	31	BLKG	ACT	04	0.57
Kerr McGee Corp.	SS	28	SS	28	BLKG	ABN	04	0.57
Kerr McGee Corp.	SS	28	SS	28	G/O	ACT	03	0.54
Kerr McGee Corp.	SS	229	SS	230	GAS		04	0.53
Kerr McGee Corp.	SS	27	SS	27	BLKG	OUT	04	0.53
Kerr McGee Corp.	SS	27	SS	27	BLKG	ACT	04	0.52
Kerr McGee Corp.	SS	27	SS	27	BLKG	ACT	04	0.52
Kerr McGee Corp.	SS	28	SS	28	BLKG	ABN	02	0.51
Kerr McGee Corp.	SS	214	SS	214	BLKG	ABN	06	0.50
Kerr McGee Corp.	ST	34	ST	34	BLKG	ABN	04	0.49
Kerr McGee Corp.	ST	34	ST	34	BLKG	ABN	04	0.49
Kerr McGee Corp.	SS	30	SS	29	BLKG	ABN	03	0.44
Kerr McGee Corp.	ST	34	ST	34	BLKG	ABN	04	0.43
Kerr McGee Corp.	ST	34	ST	34	BLKG	ABN	04	0.43
Kerr McGee Corp.	SS	214	SS	214	G/O	PABN	06	0.40
Kerr McGee Corp.	SS	28	SS	28	BLKG	OUT	04	0.40
Kerr McGee Corp.	SS	31	SS	31	BLKG	OUT	04	0.38
Kerr McGee Corp.	SS	214	SS	214	GAS	ABN	04	0.23
Kerr McGee Corp.	SS	217	SS	218	BLKG	ABN	04	0.23
Kerr McGee Corp.	SS	28	SS	28	GAS	OUT	03	0.16

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Kerr McGee Corp.	SS	31	SS	31	BLKG	ACT	04	0.14
Kerr McGee Corp.	SS	28	SS	28	G/C	ABN	03	0.06
Kerr McGee Corp.	SS	27	SS	27	BLKG	A/C	08	0.04
Kerr McGee Corp.	SS	27	SS	28	BLKG	A/C	08	0.04
Kerr McGee Corp.	SS	230	SS	230	G/O	ABN	04	0.04
Kerr McGee Corp.	SS	27	SS	27	BLKG	PABN	04	0.03
Kerr McGee Corp.	SS	27	SS	27	G/O	ACT	06	0.03
Kerr McGee Corp.	SS	27	SS	27	BLKG	ACT	04	0.03
Kerr McGee Corp.	SS	33	SS	33	GAS	ACT	08	0.01
Kerr McGee Corp.	SS	32	SS	32	GAS	COMB	04	0.00
Kerr McGee Corp.	SS	214	SS	214	G/O	COMB	06	0.00
Kerr McGee Corp.	SS	29	SS	29	G/C	COMB	03	0.00
Kerr McGee Corp.	SS	32	SS	33	G/O	COMB	03	0.00
Kerr McGee Corp.	SS	33	SS	29	GAS	A/C	04	0.00
Kerr McGee Corp.	SS	31	SS	33	GAS	COMB	04	0.00
Kerr McGee Corp.	SS	29	SS	28	G/C	COMB	03	0.00
Kerr McGee Corp.	SS	33	SS	33	BLKG	COMB	04	0.00
Kerr McGee Corp.	SS	214	SS	214	SPLY	COMB	04	0.00
Kerr McGee Corp.	SS	29	SS	28	GAS	A/C	03-04	0.00
Kerr McGee Corp.	SS	29	SS	29	G/C	COMB	04	0.00
Kerr-McGee Pipeline	ST	197	ST	196	BLKG	ACT	06	3.94
Kerr-McGee Pipeline	ST	197	ST	196	BLKG	ACT	04	3.94
Koch Gateway	EI	57	EI	32	GAS	ACT	20	11.50
Koch Gateway	EI	51	EI	32	GAS	ACT	14	10.43
Koch Gateway	EI	95	EI	51	G/O	ACT	10	10.37
Koch Gateway	SM	155	SM	127	GAS	ACT	16	10.26
Koch Gateway	EI	47	EI	51	GAS	ACT	10	8.76
Koch Gateway	ST	26	ST	21	GAS	ACT	12	6.38
Koch Gateway	ST	146	ST	148	GAS	R/A	06	4.92
Koch Gateway	EI	90	EI	95	GAS	ACT	04	3.85
Koch Gateway	EI	90	EI	95	GAS	ACT	06	3.84
Koch Gateway	SS	186	SS	185	GAS	R/A	06	3.42
Koch Gateway	EI	32	EI	19	GAS	ACT	20	2.49
Koch Gateway	EI	33	EI	32	GAS	ACT	10	1.17
Koch Gateway	ST	26	ST	26	G/O	ACT	08	1.03
Koch Gateway	EI	32	EI	32	GAS	ACT	12	0.98
Koch Gateway	EI	32	EI	32	GAS	ACT	14	0.29
Koch Gateway	EI	32	EI	32	G/O	ACT	10	0.23
Koch Gateway	EI	43	EI	43	GAS	ACT	04	0.15
Koch Gateway	EI	32	EI	32	GAS	ACT	14	0.15
Koch Gateway	EI	32	EI	32	GAS	ACT	08	0.14
Koch Gateway	EI	95	EI	95	GAS	ACT	10	0.12
Koch Gateway	EI	45	EI	45	GAS	PROP	06	0.07
Koch Industries	EW	482	GI	94	G/C	ACT	14	9.53
Koch Industries	EI	28	EI	11	GAS	ACT	08	6.20
Koch Industries	SS	263	SS	261	GAS	ACT	06	5.57
Koch Industries	EI	79	EI	80	GAS	OUT	06	1.29
Leviathan	ST	301	SS	240	GAS	PROP	16	24.40
Leviathan	ST	292	ST	300	GAS	ACT	24	18.47
Leviathan	GC	29	SS	207	GAS	O/C	16	18.42
Leviathan	GC	19	SS	332	GAS	ACT	16	16.99
Leviathan	SS	240	SS	207	G/C	PROP	16	8.51
Leviathan	SS	332	ST	301	GAS	PROP	16	7.45
Leviathan	ST	277	ST	292	G/C	ACT	12	5.77
Leviathan	ST	292	ST	280	G/C	ACT	12	3.88
Leviathan	SS	259	SS	261	GAS	ACT	12	3.61
Leviathan	SS	331	SS	332	BLKG	ACT	04	3.39
Leviathan	SS	331	SS	332	SPLY	ACT	06	3.39
LL&E	EI	364	EI	371	BLKG	ACT	03	4.03
LL&E	SS	202	SS	198	GAS	ACT	04	3.47
LL&E	EI	110	EI	95	G/C	ACT	06	3.33
LL&E	SS	128	EI	189	G/C	ACT	04	3.19
LL&E	EI	97	EI	108	BLKG	ACT	03	1.52
Marathon	EI	58	EI	57	BLKG	PROP	03	1.07
Marathon Oil Co	EW	873	EW	826	GAS	ACT	08	12.63

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Marathon Oil Co	EI	349	EI	349	BLKG	ACT	04	2.14
Marathon Oil Co	EI	56	EI	38	BLKG	CNCL	03	2.01
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	04	1.66
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	04	1.37
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	03	1.05
Marathon Oil Co	EI	58	EI	57	BLKG	ACT	03	0.98
Marathon Oil Co	EI	38	EI	57	BLKG	ACT	03	0.80
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	04	0.72
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	03	0.65
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	03	0.61
Marathon Oil Co	EI	38	EI	38	BLKG	ACT	04	0.38
Marathon Oil Co	EI	57	EI	57	BLKG	ACT	03	0.20
Marathon Oil Co	EI	57	EI	57	BLKG	COMB	03	0.00
Maxus Exploration	GI	25	ST	24	GAS	ACT	10	7.24
Mid Louisiana	EI	33	EI	34	GAS	ACT	08	1.21
Mobil Eugene Is	EI	129	EI	120	G/O	ACT	10	9.51
Mobil Exploration	SM	243	VR	71	GAS	RELQ	12	12.24
Mobil Exploration	EI	125	EI	125	SPLY	ACT	02	0.31
Mobil Oil Expl.	GC	18	EW	990	GAS	ACT	10	7.06
Mobil Oil Expl.	ST	179	ST	189	G/O	R/A	04	6.97
Mobil Oil Expl.	SM	243	SM	235	GAS	CNCL	08	4.35
Mobil Oil Expl.	GI	90	GI	94	BLKG	ACT	06	4.15
Mobil Oil Expl.	SS	86	SS	87	BLKG	ACT	03	4.13
Mobil Oil Expl.	SS	182	SS	169	GAS	ACT	06	2.50
Mobil Oil Expl.	EI	45	EI	51	GAS	ABN	04	2.35
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	02	2.33
Mobil Oil Expl.	GI	20	GI	18	GAS	ACT	04	2.31
Mobil Oil Expl.	PL	10	SS	68	SPLY	ACT	02	2.27
Mobil Oil Expl.	SM	205	SM	205	BLKG	PROP	08	2.22
Mobil Oil Expl.	SS	63	SS	72	SPLY	ACT	04	2.13
Mobil Oil Expl.	PL	10	PL	10	SPLY	PROP	02	1.83
Mobil Oil Expl.	PL	10	PL	10	BLKG	PROP	04	1.83
Mobil Oil Expl.	EI	240	EI	239	G/C	ACT	10	1.80
Mobil Oil Expl.	EI	129	EI	129A	SPLY	CNCL	02	1.67
Mobil Oil Expl.	EI	129	EI	128	SPLY	ABN	03	1.62
Mobil Oil Expl.	EI	125	EI	120	BLKG	ACT	08	1.55
Mobil Oil Expl.	PL	10	PL	10	SPLY	PROP	02	1.54
Mobil Oil Expl.	PL	10	PL	10	BLKG	PROP	04	1.54
Mobil Oil Expl.	PL	10	PL	11	G/O	A/C	04	1.46
Mobil Oil Expl.	SM	243	SM	243	G/C	ACT	08	1.43
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	04	1.42
Mobil Oil Expl.	SM	243	SM	243	G/C	ACT	08	1.36
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	04	1.33
Mobil Oil Expl.	EI	120	EI	125	SPLY	ACT	03	1.30
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	03	1.29
Mobil Oil Expl.	SS	72	SS	87	SPLY	ACT	02	1.27
Mobil Oil Expl.	SM	235	SM	235	BLKG	ACT	04	1.26
Mobil Oil Expl.	EI	120	EI	119	SPLY	ABN	03	1.25
Mobil Oil Expl.	SS	72	SS	72	SPLY	ABN	08	1.23
Mobil Oil Expl.	EI	120	EI	125	SPLY	ABN	02	1.21
Mobil Oil Expl.	EI	120	EI	120	BLKG	ACT	04	1.20
Mobil Oil Expl.	EI	50	EI	45	GAS	ABN	03	1.19
Mobil Oil Expl.	EI	51	EI	51	G/O		03	1.15
Mobil Oil Expl.	EI	51	EI	51	G/O		03	1.15
Mobil Oil Expl.	SS	87	SS	72	G/O	ABN	03	1.14
Mobil Oil Expl.	ST	179	ST	179	G/O	R/A	06	1.14
Mobil Oil Expl.	EI	120	EI	125	SPLY	ABN	02	1.14
Mobil Oil Expl.	EI	129	EI	116	SPLY	ACT	02	1.13
Mobil Oil Expl.	EI	116	EI	129	BLKG	ACT	03	1.13
Mobil Oil Expl.	PL	10	PL	10	SPLY	ABN	06	1.10
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	06	1.08
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	04	1.07
Mobil Oil Expl.	EI	120	EI	120	BLKG	ACT	03	1.07
Mobil Oil Expl.	EI	128	EI	129	BLKG	ACT	08	1.06
Mobil Oil Expl.	EI	128	EI	129	BLKG	ACT	06	1.06

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Mobil Oil Expl.	EI	129	EI	129	SPLY	ABN	03	1.02
Mobil Oil Expl.	PL	10	PL	10	BLKG	PROP	04	1.02
Mobil Oil Expl.	PL	10	PL	10	SPLY	PROP	02	1.02
Mobil Oil Expl.	EI	129	EI	129	SPLY	ABN	03	1.02
Mobil Oil Expl.	EI	129	EI	129	SPLY	OUT	03	1.02
Mobil Oil Expl.	EI	129	EI	128	SPLY	ACT	03	1.00
Mobil Oil Expl.	SM	243	SM	243	G/C	ACT	03	1.00
Mobil Oil Expl.	PL	10	PL	10	SPLY	PROP	02	0.98
Mobil Oil Expl.	PL	10	PL	10	BLKG	PROP	04	0.98
Mobil Oil Expl.	EI	116	EI	129	BLKG	CNCL	03	0.95
Mobil Oil Expl.	EI	129	EI	116	SPLY	CNCL	02	0.95
Mobil Oil Expl.	EI	125	EI	119	SPLY	CNCL	02	0.93
Mobil Oil Expl.	EI	129	EI	129	SPLY	ACT	02	0.86
Mobil Oil Expl.	PL	10	PL	9	SPLY	ABN	02	0.85
Mobil Oil Expl.	EI	129	EI	128	SPLY	ABN	03	0.85
Mobil Oil Expl.	EI	120	EI	119	SPLY	OUT	03	0.83
Mobil Oil Expl.	EI	119	EI	120	BLKG	ABN	03	0.83
Mobil Oil Expl.	EI	119	EI	126	SPLY	ACT	02	0.83
Mobil Oil Expl.	SS	72	SS	63	BLKG	ACT	03	0.83
Mobil Oil Expl.	SS	63	SS	72	SPLY	ACT	02	0.83
Mobil Oil Expl.	EI	126	EI	119	BLKG	ACT	03	0.83
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.81
Mobil Oil Expl.	EI	120	EI	120	SPLY	ABN	02	0.81
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.80
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.80
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	02	0.80
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.80
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	03	0.79
Mobil Oil Expl.	EI	126	EI	119	BLKG	ABN	02	0.76
Mobil Oil Expl.	EI	126	EI	119	BLKG	ABN	02	0.76
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.76
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.70
Mobil Oil Expl.	PL	10	PL	10	BLKG	PROP	04	0.70
Mobil Oil Expl.	PL	10	PL	10	SPLY	PROP	02	0.70
Mobil Oil Expl.	EI	120	EI	119	SPLY	ABN	03	0.70
Mobil Oil Expl.	EI	120	EI	119	SPLY	ACT	03	0.68
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.66
Mobil Oil Expl.	SS	72	SS	72	BLKG	ACT	03-04	0.66
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.66
Mobil Oil Expl.	EI	119	EI	120	BLKG	ACT	08	0.63
Mobil Oil Expl.	EI	119	EI	120	G/O	ACT	08	0.63
Mobil Oil Expl.	EI	119	EI	120	BLKG	ACT	03	0.62
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.62
Mobil Oil Expl.	EI	117	EI	128	BLKG	ABN	02	0.61
Mobil Oil Expl.	EI	120	EI	119	SPLY	OUT	03	0.61
Mobil Oil Expl.	EI	120	EI	120	BLKG	ABN	02	0.61
Mobil Oil Expl.	EI	120	EI	119	SPLY	ABN	02	0.61
Mobil Oil Expl.	EI	120	EI	120	BLKG	ABN	02	0.61
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	06	0.59
Mobil Oil Expl.	EI	39	EI	39	BLKG	ABN	04	0.57
Mobil Oil Expl.	EI	120	EI	120	SPLY	PROP	02	0.57
Mobil Oil Expl.	EI	128	EI	128	BLKG	ACT	06	0.57
Mobil Oil Expl.	EI	128	EI	128	SPLY	ACT	06	0.57
Mobil Oil Expl.	PL	10	PL	10	BLKG	ACT	03	0.56
Mobil Oil Expl.	EI	129	EI	129	SPLY	ACT	02	0.56
Mobil Oil Expl.	EI	128	EI	128	BLKG	ABN	02	0.55
Mobil Oil Expl.	EI	128	EI	128	BLKG	ABN	02	0.55
Mobil Oil Expl.	EI	128	EI	128	SPLY	ABN	02	0.55
Mobil Oil Expl.	EI	128	EI	128	BLKG	ABN	03	0.55
Mobil Oil Expl.	EI	120	EI	119	SPLY	ABN	06	0.55
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	03	0.53
Mobil Oil Expl.	PL	10	PL	10	BLKG	ACT	03	0.53
Mobil Oil Expl.	EI	120	EI	119	SPLY	OUT	03	0.53
Mobil Oil Expl.	EI	120	EI	119	SPLY	ABN	03	0.53
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.53

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Mobil Oil Expl.	EI	119	EI	120	SPLY	ACT	02	0.52
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	02	0.52
Mobil Oil Expl.	PL	10	PL	10	SPLY	ACT	02	0.51
Mobil Oil Expl.	PL	10	PL	10	BLKG	PROP	04	0.50
Mobil Oil Expl.	PL	10	PL	10	SPLY	PROP	02	0.50
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	06	0.49
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.47
Mobil Oil Expl.	SS	72	SS	72	BLKG	ACT	03	0.46
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	04	0.46
Mobil Oil Expl.	SS	72	SS	72	SPLY	ACT	02	0.46
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.45
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.45
Mobil Oil Expl.	EI	126	EI	125	BLKG	OUT	03	0.42
Mobil Oil Expl.	EI	125	EI	125	SPLY	ACT	02	0.41
Mobil Oil Expl.	EI	125	EI	125	BLKG	ACT	03	0.41
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	03	0.40
Mobil Oil Expl.	EI	126	EI	119	BLKG	ABN	02	0.40
Mobil Oil Expl.	EI	125	EI	125	BLKG	ABN	02	0.40
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	03	0.38
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	02	0.38
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.38
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	03	0.38
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	04	0.37
Mobil Oil Expl.	GI	20	GI	20	SPLY	ACT	03	0.37
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.36
Mobil Oil Expl.	EI	125	EI	126	SPLY	ACT	02	0.36
Mobil Oil Expl.	EI	126	EI	125	BLKG	ACT	03	0.36
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.36
Mobil Oil Expl.	PL	10	PL	1	SPLY	ACT	02	0.35
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	06	0.35
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	03	0.35
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	03	0.34
Mobil Oil Expl.	EI	129	EI	116	SPLY	A/C	02	0.34
Mobil Oil Expl.	EI	120	EI	120	BLKG	ABN	02	0.34
Mobil Oil Expl.	EI	120	EI	119	BLKG	ACT	02	0.32
Mobil Oil Expl.	GI	20	GI	18	GAS	R/C	04	0.30
Mobil Oil Expl.	EI	128	EI	128	SPLY	ABN	02	0.30
Mobil Oil Expl.	EI	120	EI	119	BLKG	OUT	02	0.30
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	03	0.29
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	03	0.29
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	03	0.29
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	02	0.27
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	03	0.27
Mobil Oil Expl.	PL	10	PL	10	SPLY	A/C	02	0.26
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.23
Mobil Oil Expl.	EI	128	EI	116	SPLY	ACT	02	0.23
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	02	0.23
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	02	0.23
Mobil Oil Expl.	EI	128	EI	128	BLKG	CNCL	04	0.22
Mobil Oil Expl.	EI	125	EI	125	SPLY	ACT	02	0.22
Mobil Oil Expl.	EI	117	EI	128	BLKG	ABN	02	0.21
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	04	0.21
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	06	0.20
Mobil Oil Expl.	EI	128	EI	128	BLKG	CNCL	03	0.20
Mobil Oil Expl.	EI	125	EI	125	BLKG	ABN	02	0.19
Mobil Oil Expl.	EI	117	EI	128	BLKG	ABN	02	0.19
Mobil Oil Expl.	EI	128	EI	128	BLKG	ACT	02	0.19
Mobil Oil Expl.	EI	125	EI	125	BLKG	ABN	02	0.19
Mobil Oil Expl.	EI	128	EI	128	BLKG	ACT	06	0.19
Mobil Oil Expl.	EI	117	EI	117	BLKG	ABN	02	0.17
Mobil Oil Expl.	EI	120	EI	120	G/O	ABN	02	0.16
Mobil Oil Expl.	EI	120	EI	120	G/O	ABN	02	0.16
Mobil Oil Expl.	EI	119	EI	119	BLKG	ACT	04	0.13
Mobil Oil Expl.	EI	119	EI	119	BLKG	ABN	02	0.12
Mobil Oil Expl.	SS	72	SS	72	SPLY	ABN	02	0.10

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Mobil Oil Expl.	EI	125	EI	125	G/O	ABN	03	0.09
Mobil Oil Expl.	EI	129	EI	128	BLKG	ACT	02	0.09
Mobil Oil Expl.	EI	128	EI	128	SPLY	ACT	03	0.09
Mobil Oil Expl.	EI	128	EI	129	SPLY	ACT	02	0.09
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	02	0.08
Mobil Oil Expl.	EI	129	EI	128	BLKG	OUT	02	0.08
Mobil Oil Expl.	EI	116	EI	116	SPLY	ACT	02	0.08
Mobil Oil Expl.	SS	72	SS	72	BLKG	A/C	03	0.08
Mobil Oil Expl.	EI	119	EI	119	SPLY	ACT	03	0.07
Mobil Oil Expl.	EI	128	EI	128	SPLY	ABN	02	0.07
Mobil Oil Expl.	EI	105	EI	105	BLKG	ACT	03	0.06
Mobil Oil Expl.	EI	105	EI	105	SPLY	ACT	03	0.06
Mobil Oil Expl.	EI	119	EI	119	G/O	COMB	02	0.00
Mobil Oil Expl.	SS	72	SS	72	BLKG	COMB	04	0.00
Mobil Oil Expl.	SS	72	SS	72	BLKG	COMB	03	0.00
Mobil Oil Expl.	SS	86	SS	87	BLKG	COMB	03	0.00
Mobil Oil Expl.	EI	129	EI	129	SPLY	COMB	02	0.00
Mobil Oil Expl.	EI	119	EI	119	BLKG	COMB	02	0.00
Murphy Exploration	SS	108	SS	101	SPLY	ACT	01-02	4.02
Murphy Exploration	SS	136	SS	135	BLKG	ACT	03	3.60
Murphy Exploration	EI	265	EI	247	BLKG	R/A	06	3.49
Murphy Exploration	EI	47	EI	47	BLKG	ACT	03	3.12
Murphy Exploration	PL	19	PL	12	SPLY	ACT	04	2.75
Murphy Exploration	SS	224	SS	224	GAS	ACT	04	2.55
Murphy Exploration	SS	114	SS	114	GAS	ACT	03	2.48
Murphy Exploration	EI	26	EI	47	BLKG	ACT	03	2.33
Murphy Exploration	ST	86	ST	86	BLKG	ABN	04	2.20
Murphy Exploration	SS	120	SS	135	BLKG	ACT	04	2.14
Murphy Exploration	SS	120	SS	135	BLKG	ACT	04	2.12
Murphy Exploration	SS	114	SS	93	G/C	ACT	06	2.08
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	1.92
Murphy Exploration	SS	135	SS	135	BLKG	ACT	04	1.92
Murphy Exploration	SS	135	SS	120	G/O	CNCL	04	1.82
Murphy Exploration	SS	135	SS	135	BLKG	PROP	04	1.80
Murphy Exploration	SS	136	SS	136	BLKG	ABN	03	1.77
Murphy Exploration	SS	114	SS	114	GAS	CNCL	03	1.72
Murphy Exploration	SS	120	SS	120	G/O	CNCL	04	1.70
Murphy Exploration	SS	113	SS	114	G/O	CNCL	04	1.70
Murphy Exploration	ST	63	ST	63	BLKG	OUT	04	1.67
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	1.66
Murphy Exploration	SS	167	SS	167	BLKG	OUT	04	1.48
Murphy Exploration	SS	119	SS	119	BLKG	ABN	03	1.42
Murphy Exploration	ST	86	ST	86	BLKG	CNCL	04	1.38
Murphy Exploration	SS	135	SS	135	BLKG	ACT	04	1.37
Murphy Exploration	SS	135	SS	134	BLKG	ACT	04	1.31
Murphy Exploration	SS	134	SS	134	BLKG	CNCL	04	1.29
Murphy Exploration	SS	135	SS	135	BLKG	ACT	04	1.24
Murphy Exploration	SS	135	SS	135	BLKG	CNCL	04	1.24
Murphy Exploration	SS	135	SS	135	BLKG	CNCL	04	1.23
Murphy Exploration	SS	93	SS	93	BLKG	CNCL	04	1.16
Murphy Exploration	PL	12	PL	12	BLKG	CNCL	04	1.14
Murphy Exploration	SS	94	SS	114	G/O	CNCL	04	1.14
Murphy Exploration	SS	135	SS	135	BLKG	ACT	04	1.06
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	1.05
Murphy Exploration	SS	93	SS	114	BLKG	ACT	04	1.02
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.95
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.94
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.90
Murphy Exploration	ST	86	ST	86	SPLY	ACT	04	0.86
Murphy Exploration	ST	86	ST	86	BLKG	ACT	04	0.86
Murphy Exploration	EI	172	EI	172	G/C	ABN	02	0.85
Murphy Exploration	SS	120	SS	120	BLKG	ACT	04	0.84
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.78
Murphy Exploration	ST	63	ST	63	SPLY	OUT	04	0.74
Murphy Exploration	ST	63	ST	63	G/O	ACT	04	0.74

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Murphy Exploration	ST	63	ST	63	G/O	OUT	04	0.74
Murphy Exploration	ST	63	ST	63	G/O	ACT	04	0.74
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.71
Murphy Exploration	SS	224	SS	224	BLKG	ACT	06	0.70
Murphy Exploration	ST	63	ST	63	BLKG	ACT	04	0.70
Murphy Exploration	SS	224	SS	224	SPLY	ACT	03	0.70
Murphy Exploration	SS	224	SS	224	BLKG	ACT	06	0.70
Murphy Exploration	SS	224	SS	224	BLKG	ACT	06	0.70
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.68
Murphy Exploration	SS	114	SS	114	SPLY	ACT	06	0.68
Murphy Exploration	SS	114	SS	114	BLKG	ACT	04	0.67
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.67
Murphy Exploration	SS	167	SS	167	BLKG	ACT	03-04	0.65
Murphy Exploration	PL	12	PL	12	G/O	OUT	04	0.64
Murphy Exploration	SS	114	SS	114	BLKG	ACT	04	0.61
Murphy Exploration	PL	12	PL	12	G/O	CNCL	04	0.59
Murphy Exploration	SS	94	SS	94	G/O	CNCL	04	0.55
Murphy Exploration	PL	12	PL	12	G/O	CNCL	04	0.51
Murphy Exploration	SS	120	SS	120	BLKG	ACT	04	0.49
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.47
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.47
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.45
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.43
Murphy Exploration	SS	134	SS	134	BLKG	A/C	04	0.42
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.42
Murphy Exploration	ST	86	ST	86	BLKG	ABN	06	0.38
Murphy Exploration	SS	94	SS	94	G/O	CNCL	04	0.36
Murphy Exploration	SS	118	SS	118	G/O	CNCL	04	0.33
Murphy Exploration	SS	134	SS	134	BLKG	ABN	03	0.33
Murphy Exploration	SS	120	SS	120	BLKG	ABN	04	0.30
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.29
Murphy Exploration	SS	118	SS	118	G/O	CNCL	04	0.28
Murphy Exploration	EI	172	EI	172	G/C	ABN	03	0.27
Murphy Exploration	PL	19	PL	19	GAS	ABN	02	0.26
Murphy Exploration	PL	19	PL	19	GAS	ABN	02	0.25
Murphy Exploration	ST	86	ST	86	BLKG	ABN	04	0.24
Murphy Exploration	ST	86	ST	86	BLKG	ABN	04	0.24
Murphy Exploration	PL	20	PL	20	G/O	ABN	02	0.24
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.22
Murphy Exploration	SS	93	SS	94	BLKG	CNCL	04	0.17
Murphy Exploration	SS	113	SS	113	G/O	ABN	03	0.11
Murphy Exploration	SS	134	SS	135	BLKG	ACT	04	0.11
Murphy Exploration	EI	47	EI	47	BLKG	ACT	03	0.11
Murphy Exploration	ST	86	ST	86	BLKG	A/C	04	0.11
Murphy Exploration	SS	135	SS	135	BLKG	ACT	04	0.05
Murphy Exploration	ST	86	ST	86	BLKG	O/C	04	0.04
Murphy Exploration	SS	135	SS	135	BLKG	PROP	04	0.04
Murphy Exploration	SS	134	SS	134	BLKG	ACT	04	0.02
Murphy Exploration	PL	20	PL	20	GAS	COMB	03	0.00
Murphy Exploration	SS	134	SS	134	BLKG	COMB	04	0.00
Murphy Exploration	SS	135	SS	135	BLKG	COMB	04	0.00
Murphy Exploration	SS	135	SS	135	BLKG	COMB	04	0.00
Murphy Exploration	SS	135	SS	135	BLKG	COMB	04	0.00
Murphy Exploration	EI	26	EI	47	G/C	COMB	03	0.00
Murphy Exploration	SS	120	SS	120	BLKG	COMB	04	0.00
Murphy Exploration	SS	120	SS	135	BLKG	COMB	04	0.00
Murphy Exploration	SS	136	SS	136	BLKG	COMB	03	0.00
Murphy Exploration	EI	47	EI	47	G/C	COMB	03	0.00
Murphy Exploration	SS	167	SS	167	BLKG	COMB	04	0.00
Murphy Exploration	SS	134	SS	135	BLKG	COMB	04	0.00
Murphy Exploration	SS	135	SS	135	BLKG	COMB	04	0.00
Murphy Exploration	SS	114	SS	114	BLKG	COMB	03	0.00
Murphy Exploration	EI	93	EI	90	G/O	COMB	03	0.00
Murphy Exploration	SS	136	SS	135	BLKG	COMB	04	0.00
Natural Gas Pipeline	SS	272	SS	269	GAS	ABN	16	5.92

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Natural Gas Pipeline	EI	305	EI	295	GAS	ACT	16	5.32
Natural Gas Pipeline	EI	331	EI	315	GAS	ACT	12	4.34
Natural Gas Pipeline	EI	345	EI	367	GAS	ABN	08	3.35
Natural Gas Pipeline	EI	321	EI	302	GAS	ABN	10	2.91
Natural Gas Pipeline	SM	236	SM	235	GAS	ACT	08	2.57
Natural Gas Pipeline	EI	133	SM	287	GAS	ACT	08	2.14
Natural Gas Pipeline	EI	331	EI	331	GAS	ACT	08	2.08
Natural Gas Pipeline	EI	72	EI	89	GAS	ACT	03	1.84
Natural Gas Pipeline	EI	361	EI	361	GAS	ACT	08	1.66
Natural Gas Pipeline	EI	331	EI	314	GAS	ACT	20	1.58
Natural Gas Pipeline	SM	288	SM	287	GAS	ACT	08	1.04
Natural Gas Pipeline	SM	9	SM	287	GAS	ABN	08	0.81
Natural Gas Pipeline	EI	341	EI	341	GAS	ACT	08	0.18
Nerco Oil & Gas	EI	217	EI	217	GAS	ACT	04	1.86
Nerco Oil & Gas	EI	107	EI	108	BLKG	ABN	04	1.40
Nerco Oil & Gas	SM	28	VR	171	GAS	ACT	06	1.40
Nerco Oil & Gas	SS	201	SS	202	BLKG	ACT	03	1.24
Nerco Oil & Gas	SM	28	SM	28	BLKG	ACT	04	1.06
Nerco Oil & Gas	SM	28	SM	28	BLKG	CNCL	04	1.03
Nerco Oil & Gas	EI	108	EI	108	BLKG	OUT	03	0.85
Nerco Oil & Gas	EI	108	EI	108	BLKG	OUT	03	0.85
Nerco Oil & Gas	EI	108	EI	108	BLKG	ACT	04	0.76
Nerco Oil & Gas	EI	108	EI	108	SPLY	ACT	02	0.62
Nerco Oil & Gas	EI	108	EI	108	BLKG	ACT	04	0.62
Nerco Oil & Gas	EI	108	EI	108	BLKG	ACT	04	0.26
Newfield Exploration	EI	172	EI	228	G/C	ACT	10	14.78
Newfield Exploration	ST	193	ST	165	G/C	ACT	10	5.29
Newfield Exploration	SS	197	SS	202	BLKG	R/A	03	3.03
Newfield Exploration	SM	151	VR	356	G/C	ACT	04	2.91
Newfield Exploration	SS	322	SS	322	G/C	ACT	08	2.39
Newfield Exploration	EI	262	EI	251	G/C	ACT	10	2.19
Newfield Exploration	ST	193	ST	193	BLKG	PROP	04	1.99
Newfield Exploration	ST	194	ST	193	BLKG	ACT	08	1.53
Newfield Exploration	ST	111	ST	111	G/C	ACT	06	1.48
Newfield Exploration	SS	317	SS	322	BLKG	ACT	04	1.28
Newfield Exploration	SS	157	SS	171	GAS	ACT	06	0.98
Newfield Exploration	EI	51	EI	51	BLKG	ACT	03	0.49
Norcen	SM	281	SM	268	GAS	ACT	06	2.14
Norcen	SM	269	SM	268	G/O	ACT	06	1.65
Norcen	EI	306	EI	306	GAS	ACT	12	1.54
Norcen	EI	306	EI	306	G/O	ACT	06	1.54
Norcen	SS	204	SS	204	BLKG	ACT	06	1.50
Norcen	EI	296	EI	296	GAS	ACT	10	1.33
Norcen	EI	296	EI	296	GAS	ACT	08	1.33
Norcen	EI	296	EI	296	G/O	ACT	06	1.33
Norcen	SS	207	SS	207	GAS	OUT	04	1.10
Norcen	SS	207	SS	207	G/O	ACT	06	1.10
Norcen	SS	207	SS	207	GAS	ACT	06	1.08
Norcen	SS	207	SS	207	GAS	OUT	04	1.08
Norcen	SM	268	SM	268	GAS	ACT	06	1.06
Norcen	SS	204	SS	205	GAS		08	0.91
Norcen	SS	204	SS	205	GAS	CNCL	04	0.91
Norcen	SS	207	SS	207	GAS	ACT	06	0.76
Norcen b/	SS	216	SS	207	BLKG	ABN	04	1.03
Norcen b/	SS	216	SS	207	BLKG	ABN	04	1.03
Norcen Exploration	EI	162	EI	142	GAS	ACT	08	8.17
Norcen Exploration	SS	204	SS	207	G/O	ACT	06	7.58
Norcen Exploration	SS	204	SS	207	GAS	ACT	04	7.58
Norcen Exploration	SS	204	SS	207	GAS	OUT	08	7.55
Norcen Exploration	SS	190	SS	207	BLKG	PROP	04	6.42
Norcen Exploration	EI	306	EI	296	GAS	ACT	12	4.40
Norcen Exploration	EI	306	EI	296	GAS	ACT	08	4.40
Norcen Exploration	EI	306	EI	296	G/O	ACT	06	4.40
Norcen Exploration	EI	142	EI	146	GAS	ACT	08	3.37
Norcen Exploration	EI	142	EI	146	GAS	ACT	06	3.37

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Norcen Exploration	SS	206	SS	207	GAS	PROP	08	2.01
Norcen Exploration	SS	190	SS	190	BLKG	PROP	04	1.23
Norcen Exploration	SS	205	SS	204	BLKG	ACT	03	1.21
Norcen Exploration	EI	162	EI	162	BLKG	PROP	04	0.68
Northern Natural Gas	EI	384	EI	342	GAS	ACT	16	9.30
Northern Natural Gas	EI	372	EI	384	GAS	ACT	08	0.66
OEDC	EI	163	EI	146	G/C	ACT	06	4.42
OEDC	ST	162	ST	147	G/C	ACT	06	1.76
Oxy USA Inc.	SM	174	EI	381	GAS	ACT	08	8.45
Oxy USA Inc.	ST	31	ST	35	BLKG	ABN	04	1.36
Pacific Enterp	SS	67	PL	1	BLKG	R/A	04	0.87
Pennzoil Co	EI	337	EI	330	GAS	ACT	06	4.08
Pennzoil Co	EI	53	EI	43	G/O	OUT	04	3.04
Pennzoil Co	SM	128	SM	128	G/O	ACT	10	2.84
Pennzoil Co	SM	128	SM	128	GAS	ACT	06	2.63
Pennzoil Co	EI	330	EI	330	GAS	ACT	06	1.46
Pennzoil Co	EI	330	EI	330	G/O	ACT	10	1.31
Pennzoil Co	SM	128	SM	128	G/O	ACT	08	1.22
Pennzoil Co	SM	128	SM	128	GAS	ACT	06	1.13
Pennzoil Co	SS	186	SS	186	BLKG	ABN	03	1.10
Pennzoil Co	SS	186	SS	186	BLKG	ABN	03	1.00
Pennzoil Co	EI	53	EI	53	BLKG	REM	02	0.87
Pennzoil Co	EI	53	EI	53	BLKG	ABN	02	0.86
Pennzoil Co	EI	330	EI	315	GAS	RELQ	06	0.84
Pennzoil Co	EI	330	EI	330	G/O	ACT	10	0.63
Pennzoil Exploration	EI	316	EI	330	GAS	ACT	06	1.92
Pennzoil Exploration	EI	53	EI	42	BLKG	ACT	03	0.41
Pennzoil Exploration	EI	42	EI	53	SPLY	ACT	02	0.41
Pennzoil Petroleum	EI	313	EC	286	G/C	ACT	16	59.72
Pennzoil Petroleum	SS	150	SS	154	BLKG	ACT	06-08	4.09
Pennzoil Petroleum	EI	52	EI	65	BLKG	ACT	04	4.06
Pennzoil Petroleum	EI	65	EI	52	SPLY	ACT	02	4.06
Pennzoil Petroleum	SM	117	SM	116	G/C	ACT	08	3.10
Pennzoil Petroleum	SM	41	SM	41	BLKG	ACT	04	2.57
Pennzoil Petroleum	SM	41	SM	41	BLKG	ACT	04	2.56
Pennzoil Petroleum	SM	41	SM	41	BLKG	PABN	04	2.38
Pennzoil Petroleum	SM	41	SM	41	SPLY	PABN	03	2.35
Pennzoil Petroleum	SM	22	SM	23	BLKG	ACT	08	2.29
Pennzoil Petroleum	EI	305	EI	305	GAS	PABN	06	2.25
Pennzoil Petroleum	SM	48	SM	48	G/O	ACT	08	1.99
Pennzoil Petroleum	EI	305	EI	305	GAS	PABN	06	1.97
Pennzoil Petroleum	ST	203	ST	190	G/C	ACT	06	1.93
Pennzoil Petroleum	SM	256	SM	265	BLKG	ACT	04	1.70
Pennzoil Petroleum	SS	198	SS	198	GAS	ACT	10	1.64
Pennzoil Petroleum	SM	23	SM	23	BLKG	ACT	08	1.34
Pennzoil Petroleum	EI	41	EI	42	BLKG	PROP	02	1.09
Pennzoil Petroleum	EI	42	EI	41	SPLY	PROP	02	1.09
Pennzoil Petroleum	EI	52	EI	52	BLKG	ACT	04	1.06
Pennzoil Petroleum	EI	42	EI	41	SPLY	ACT	02	0.88
Pennzoil Petroleum	EI	41	EI	42	BLKG	ACT	04	0.88
Pennzoil Petroleum	SM	23	SM	23	BLKG	ABN	08	0.83
Pennzoil Petroleum	EI	215	EI	215	GAS	ACT	06	0.76
Pennzoil Petroleum	SM	23	SM	23	BLKG	A/C	08	0.73
Pennzoil Petroleum	SM	41	SM	41	SPLY	PABN	03	0.72
Pennzoil Petroleum	SM	23	SM	23	BLKG	OUT	04	0.69
Pennzoil Petroleum	EI	42	EI	42	SPLY	ACT	02	0.56
Pennzoil Petroleum	EI	42	EI	42	SPLY	ACT	02	0.54
Pennzoil Petroleum	SM	23	SM	23	GAS	ABN	10	0.47
Pennzoil Petroleum	EI	215	EI	215	GAS	ACT	04	0.40
Pennzoil Petroleum	SM	48	SM	48	BLKG	ACT	08	0.38
Pennzoil Petroleum	SM	22	SM	23	GAS	ACT	04	0.31
Pennzoil Petroleum	EI	313	EI	313	GAS	ACT	08	0.30
Pennzoil Petroleum	SS	198	SS	198	G/O	OUT	06	0.21
Pennzoil Petroleum	EI	42	EI	42	SPLY	OUT	02	0.07
Pennzoil Production	EI	333	EI	333	SPLY	ACT	06	2.53

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
PG&E Resources	SM	15	SM	15	GAS	ACT	06	2.84
PG&E Resources	SM	273	SM	275	G/C	ACT	04	2.28
PG&E Resources	SM	15	SM	15	BLKG	ACT	04	1.72
PG&E Resources	SM	15	SM	15	GAS	ACT	06	0.18
Phillips Petroleum	SS	26	SS	27	BLKG	PABN	04	3.73
Phillips Petroleum	SS	133	SS	133	BLKG	ACT	04	1.78
Phillips Petroleum	SS	149	SS	149	G/O	ACT	03	1.70
Phillips Petroleum	SS	149	SS	149	G/O	ACT	06	1.70
Phillips Petroleum	SS	146	SS	133	BLKG	ACT	04	1.26
Phillips Petroleum	SS	149	SS	149	BLKG	ACT	06	1.23
Phillips Petroleum	SS	26	SS	27	BLKG	A/C	04	0.67
Pilgrim Exploration	ST	112	ST	111	G/C	ACT	06	3.16
Pilgrim Exploration	ST	99	ST	112	BLKG	ACT	04	2.14
Pilgrim Exploration	ST	112	ST	112	BLKG	ACT	04	1.34
Pilgrim Exploration	ST	99	ST	112	BLKG	ACT	04	0.54
Placid Oil Co.	GC	31	GC	29	G/O	OUT	03	6.91
Pogo	SS	240	SS	240	GAS	ACT	10	1.57
Pogo Producing	SS	240	SS	206	G/C	CNCL	10	9.29
Pogo Producing	SS	256	SS	240	G/C	PROP	06	1.56
Pogo Producing	SS	240	SS	240	G/C	PROP	06	1.56
Quintana Offshore, Inc.	SS	15	SS	15	BLKG	ABN	04	0.50
Quintana Offshore, Inc.	SS	15	SS	15	BLKG	ABN	04	0.50
Quintana Offshore, Inc.	SS	15	SS	15	BLKG	ABN	04	0.48
Quintana Offshore, Inc.	SS	15	SS	15	BLKG	ABN	04	0.16
Quintana Petroleum	SS	15	SS	15	BLKG	ABN	04	0.81
Roberts & Bunch Offshore, Inc.	EI	287	EI	286	G/C	R/A	06	2.24
Sabine Pipe Line	ST	200	ST	147	GAS	ACT	14	11.40
Samedan Oil	SS	80	EI	125	G/C	ACT	06	8.06
Samedan Oil	ST	186	ST	177	BLKG	R/A	06	5.75
Samedan Oil	ST	172	ST	163	BLKG	OUT	06	5.33
Samedan Oil	ST	172	ST	172	G/O	OUT	08	2.22
Samedan Oil	ST	169	ST	196	BLKG	ACT	06	2.12
Samedan Oil	ST	192	ST	173	BLKG	ACT	08	2.11
Samedan Oil	SS	80	SS	80	BLKG	ACT	04	1.35
Sandefer Offshore	EI	53	EI	64	G/C	ACT	06	3.60
Santa Fe Energy	SS	299	SS	277	BLKG	ACT	08	5.74
Sea Robin Pipeline	EI	205	VR	149	GAS	ACT	30	47.08
Sea Robin Pipeline	EI	330	EI	205	GAS	ACT	24	32.66
Sea Robin Pipeline	SS	222	EI	205	GAS	ACT	20	24.25
Sea Robin Pipeline	EI	205	SM	33	GAS	ACT	24	23.79
Sea Robin Pipeline	SM	33	VR	149	GAS	ACT	26	23.18
Sea Robin Pipeline	SM	128	EI	330	GAS	ACT	24	14.53
Sea Robin Pipeline	EI	260	EI	273	GAS	ACT	10	6.99
Sea Robin Pipeline	SM	235	SM	233	G/C	ACT	08	6.52
Sea Robin Pipeline	SM	113	SM	128	GAS	R/A	12	5.86
Sea Robin Pipeline	SM	23	SM	33	G/C	ACT	16	5.21
Sea Robin Pipeline	EI	238	EI	216	GAS	ACT	16	4.51
Sea Robin Pipeline	SM	41	SM	26	GAS	ACT	10	4.20
Sea Robin Pipeline	EI	219	EI	205	GAS	ACT	08	3.47
Sea Robin Pipeline	EI	261	EI	273	GAS	ACT	12	2.71
Sea Robin Pipeline	SM	27	SM	27	G/O	ACT	08	2.06
Sea Robin Pipeline	EI	196	EI	205	GAS	OUT	12	1.93
Sea Robin Pipeline	SM	16	SM	27	G/O	R/A	10	1.66
Sea Robin Pipeline	EI	256	EI	256	GAS	ACT	08	1.61
Sea Robin Pipeline	EI	330	EI	330	GAS	ACT	12	1.25
Sea Robin Pipeline	EI	330	EI	330	GAS	ACT	10	1.24
Sea Robin Pipeline	EI	295	EI	295	GAS	ACT	16	1.04
Sea Robin Pipeline	SM	40	SM	41	G/C	PROP	12	0.86
Sea Robin Pipeline	EI	205	EI	205	GAS	RELQ	08	0.82
Sea Robin Pipeline	SS	222	SS	222	GAS	ACT	20	0.82
Sea Robin Pipeline	SS	225	SS	222	GAS	R/C	20	0.68
Sea Robin Pipeline	EI	206	EI	205	GAS	OUT	10	0.64
Sea Robin Pipeline	SS	225	SS	222	GAS	ACT	16	0.58
Sea Robin Pipeline	EI	196	EI	205	GAS	OUT	06	0.43
Sea Robin Pipeline	EI	333	EI	333	GAS	ACT	12	0.32

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Sea Robin Pipeline	SM	15	SM	15	GAS	R/A	10	0.08
Sea Robin Pipeline	EI	238	EI	216	GAS	R/C	16	0.06
Sea Robin Pipeline	EI	204	EI	196	G/O	COMB	06	0.00
Shell Gas Pipeline	GC	65	GC	19	GAS	ACT	12	7.81
Shell Gas Pipeline	SS	189	SS	191	G/C	RELQ	08	7.64
Shell Gas Pipeline	EI	187	EI	189	BLKG	ACT	06	5.15
Shell Gas Pipeline	ST	295	ST	295	G/C	ACT	08	0.39
Shell Gas Pipeline	SS	189	SS	189	G/C	ACT	06	0.30
Shell Offshore	GC	116	ST	300	BLKG	ACT	06	23.43
Shell Offshore	GC	116	ST	300	BLKG	ACT	06	23.42
Shell Offshore	GI	33	GI	22	GAS	ACT	08	6.25
Shell Offshore	SM	71	SM	58	BLKG	ACT	06	5.75
Shell Offshore	EI	192	EI	188	G/C	ABN	03	3.31
Shell Offshore	ST	301	ST	300	GAS	ACT	08	3.26
Shell Offshore	SM	59	SM	58	BLKG	ACT	06-08	3.22
Shell Offshore	EI	176	EI	158	BLKG	ACT	06	2.66
Shell Offshore	EI	259	EI	259	G/O	ACT	06	2.27
Shell Offshore	SS	258	SS	259	BLKG	ACT	06	2.26
Shell Offshore	EI	259	EI	259	G/O	ACT	12	2.18
Shell Offshore	SS	293	SS	274	BLKG	ACT	08	2.13
Shell Offshore	EI	259	EI	259	G/O		06	2.10
Shell Offshore	EI	259	EI	259	G/O	ACT	06	2.08
Shell Offshore	GI	75	GI	76	BLKG	ACT	08	1.70
Shell Offshore	EI	128A	EI	129	GAS	CNCL	06	1.70
Shell Offshore	EI	158	EI	158	BLKG	ACT	06	1.57
Shell Offshore	EI	158	EI	158	GAS	ACT	10	1.57
Shell Offshore	EI	189	EI	188	GAS	ACT	06	1.54
Shell Offshore	SM	57	SM	58	BLKG	ACT	06	1.52
Shell Offshore	EI	158	EI	158	BLKG	ACT	06	1.52
Shell Offshore	EI	188	EI	189	G/O	CNCL	06	1.42
Shell Offshore	EI	188	EI	189	G/O	CNCL	06	1.42
Shell Offshore	SM	130	SM	130	GAS	ACT	08	1.21
Shell Offshore	EI	100	EI	100	BLKG	ACT	03	1.18
Shell Offshore	SM	130	SM	130	GAS	ACT	12	1.16
Shell Offshore	ST	26	ST	26	GAS	ACT	12	1.14
Shell Offshore	SM	130	SM	130	GAS	ACT	08	1.06
Shell Offshore	SS	274	SS	274	BLKG	ABN	02	1.04
Shell Offshore	EI	158	EI	158	BLKG	ACT	06	1.01
Shell Offshore	EI	116	EI	116	GAS	CNCL	06	0.95
Shell Offshore	SS	274	SS	274	BLKG	ABN	02	0.95
Shell Offshore	SS	274	SS	274	BLKG	ABN	02	0.95
Shell Offshore	ST	26	ST	26	G/O	OUT	08	0.95
Shell Offshore	EI	187	EI	187	BLKG	ACT	04	0.95
Shell Offshore	EI	116	EI	116	SPLY	ABN	04	0.95
Shell Offshore	SM	7	SM	10	G/C	ABN	04	0.95
Shell Offshore	EI	100	EI	100	GAS		06	0.95
Shell Offshore	SM	130	SM	130	GAS	ACT	08	0.94
Shell Offshore	EI	188	EI	188	BLKG	PABN	04	0.92
Shell Offshore	EI	100	EI	100	BLKG	ACT	03	0.91
Shell Offshore	SS	274	SS	274	GAS	ACT	08	0.88
Shell Offshore	SS	274	SS	274	BLKG	ABN	02	0.87
Shell Offshore	EI	188	EI	188	BLKG	CNCL	04	0.85
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.80
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.80
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.80
Shell Offshore	EI	116	EI	116	G/O	ABN	06	0.76
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.76
Shell Offshore	EI	331	EI	331	G/O	ABN	02	0.76
Shell Offshore	EI	331	EI	331	G/O	ABN	02	0.76
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.74
Shell Offshore	SS	274	SS	274	BLKG	PROP	06-08	0.74
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.74
Shell Offshore	SM	130	SM	130	GAS	ACT	08	0.72
Shell Offshore	EI	259	EI	259	GAS	ACT	04	0.68
Shell Offshore	EI	259	EI	259	GAS	ACT	06	0.68

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Shell Offshore	EI	188	EI	188	G/O	ACT	06	0.66
Shell Offshore	EI	100	EI	100	G/O	ABN	03	0.57
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.57
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.57
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.57
Shell Offshore	EI	331	EI	331	BLKG	ABN	02	0.57
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.57
Shell Offshore	EI	100	EI	100	BLKG	ACT	04	0.53
Shell Offshore	EI	116	EI	116	BLKG	ABN	04	0.51
Shell Offshore	EI	331	EI	331	BLKG	ABN	04	0.51
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.42
Shell Offshore	EI	100	EI	100	BLKG	ACT	03	0.42
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.40
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.40
Shell Offshore	EI	100	EI	100	BLKG	ABN	03	0.38
Shell Offshore	EI	128A	EI	128A	BLKG	ACT	03	0.37
Shell Offshore	GI	76	GI	76	G/C	ACT	12	0.35
Shell Offshore	EI	116	EI	116	BLKG	ABN	03	0.34
Shell Offshore	EI	116	EI	116	BLKG	ABN	04	0.27
Shell Offshore	EI	100	EI	100	SPLY	ACT	04	0.25
Shell Offshore	EI	189	EI	189	BLKG	ACT	06	0.21
Shell Offshore	EI	100	EI	100	G/O	ABN	03	0.19
Shell Offshore	EI	128A	EI	128A	BLKG	ACT	04	0.19
Shell Offshore	EI	116	EI	116	GAS	ABN	04	0.19
Shell Offshore	SM	58	SM	58	SPLY	A/C	08	0.19
Shell Offshore	EI	100	EI	100	G/O	ABN	03	0.19
Shell Offshore	EI	188	EI	188	BLKG	ACT	04	0.16
Shell Offshore	EI	128A	EI	128A	GAS	ACT	02	0.08
Shell Offshore	EI	100	EI	100	BLKG	A/C	04	0.04
Shell Offshore	SS	274	SS	274	BLKG	COMB	06	0.00
Shell Oil Co.	EI	331	EI	259	G/O	ACT	12	23.30
Shell Pipe Line	ST	26	BM	3	G/O	ACT	06	6.06
Shell Pipe Line	SS	28	SS	15	G/O	ACT	22	3.79
Southern Natural	EI	107	EI	120	GAS	RELQ	06	5.86
Stone Energy Corp.	EI	242	EI	243	BLKG	PROP	03	1.16
Stone Petroleum	PL	23	PL	23	BLKG	PROP	03	0.96
Stone Petroleum	PL	23	PL	23	BLKG	PROP	03	0.96
Stone Petroleum	PL	23	PL	23	BLKG	PROP	03	0.96
Tarpon Transmission	EI	380	SS	274	G/C	ACT	16	40.12
Tatham	EW	914	EW	826	BLKG	OUT	03	6.51
Taylor Energy	SM	16	SM	27	BLKG	ACT	04	3.79
Taylor Energy	SM	16	SM	27	BLKG	ACT	06	3.79
Taylor Energy	SM	27	SM	16	BLKG	ACT	03	3.79
Taylor Energy	SM	27	SM	27	BLKG	ACT	03	3.41
Taylor Energy	SM	27	SM	29	SPLY	ACT	02	2.94
Tejas Power Corp. d/	SM	255	SM	252	BLKG	ACT	06	3.63
Tejas Power Corp. d/	ST	175	ST	175	G/C	ABN	06	2.96
Tejas Power Corp. d/	EI	45	EI	45	BLKG	ACT	04	2.46
Tejas Power Corp. d/	SM	255	SM	255	BLKG	ACT	04	1.22
Tejas Power Corp. d/	EI	45	EI	45	BLKG	A/C	04	1.03
Tejas Power Corp. d/	EI	45	EI	45	BLKG	CNCL	04	0.99
Tejas Power Corp. d/	EI	45	EI	45	BLKG	ACT	04	0.81
Tejas Power Corp. d/	EI	45	EI	45	BLKG	ACT	04	0.37
Tejas Power Corp. d/	EI	45	EI	45	BLKG	COMB	04	0.00
Tennessee Gas	EI	349	SS	198	GAS	ACT	30	32.39
Tennessee Gas	SS	145	SS	66	GAS	ACT	26	22.20
Tennessee Gas	SS	144	SS	66	GAS	ACT	36	20.96
Tennessee Gas	SM	249	VR	29	GAS	ACT	12	20.62
Tennessee Gas	SS	198	SS	144	GAS	ACT	36	20.21
Tennessee Gas	SM	243	VR	29	G/C	ACT	16	20.17
Tennessee Gas	GI	43	WD	16	GAS	ACT	20	18.94
Tennessee Gas	SS	198	SS	144	GAS	ACT	26	18.89
Tennessee Gas	ST	55	ST	21	GAS	ACT	12	15.15
Tennessee Gas	SM	275	VR	116	G/C	ACT	10	13.29
Tennessee Gas	GI	43	WD	35	GAS	ACT	24	13.00

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Tennessee Gas	EI	367	EI	343	GAS	ACT	16	9.54
Tennessee Gas	GI	47	ST	24	GAS	ACT	12	8.33
Tennessee Gas	SS	94	SS	66	GAS	OUT	08	7.48
Tennessee Gas	EI	258	EI	232	GAS	ACT	10	7.47
Tennessee Gas	SS	97	SS	120	GAS	ACT	08	7.41
Tennessee Gas	ST	50	ST	37	GAS	ACT	16	7.31
Tennessee Gas	SM	252	SM	243	GAS	ACT	04	7.26
Tennessee Gas	EI	339	EI	331	GAS	ACT	12	7.24
Tennessee Gas	SM	252	SM	243	G/C	ACT	08	7.16
Tennessee Gas	SM	61	SM	75	GAS	ACT	30	6.78
Tennessee Gas	SS	108	SS	97	GAS	ACT	10	6.59
Tennessee Gas	EI	257	SS	199	GAS	ACT	10	6.41
Tennessee Gas	SM	116	SM	108	GAS	ACT	08	6.30
Tennessee Gas	SS	168	SS	144	GAS	R/A	20	5.30
Tennessee Gas	ST	37	ST	19	GAS	ACT	20	5.21
Tennessee Gas	SS	91	SS	66	GAS	ACT	06	5.20
Tennessee Gas	EI	336	EI	331	G/C	OUT	10	5.19
Tennessee Gas	ST	53	ST	55	GAS	RELQ	06	5.18
Tennessee Gas	EI	215	EI	230	GAS	ACT	12	5.07
Tennessee Gas	SS	168	SS	144	GAS	ACT	20	5.01
Tennessee Gas	ST	24	BM	4	GAS	ACT	16	5.00
Tennessee Gas	EI	294	EI	286	GAS	ACT	10	4.88
Tennessee Gas	SS	167	SS	168	GAS	ACT	06	4.70
Tennessee Gas	SM	274	VR	131	GAS	R/A	04	4.57
Tennessee Gas	SM	257	SM	249	GAS	ACT	08	4.53
Tennessee Gas	SS	154	SS	172	GAS	ACT	12	4.50
Tennessee Gas	SM	160	SM	156	GAS	ACT	06	4.41
Tennessee Gas	EI	208	EI	215	GAS	OUT	08	4.39
Tennessee Gas	EI	322	EI	302	GAS	ACT	10	4.32
Tennessee Gas	SM	27	SM	29	GAS	ACT	08	3.90
Tennessee Gas	SM	141	SM	127	G/C	ACT	08	3.82
Tennessee Gas	ST	36	ST	37	GAS	ACT	12	3.74
Tennessee Gas	SS	181	SS	171	GAS	ACT	08	3.47
Tennessee Gas	SM	243	SM	249	GAS	ACT	10	3.35
Tennessee Gas	EI	365	EI	342	GAS	ACT	12	3.27
Tennessee Gas	EI	315	EI	330	GAS	ACT	08	3.23
Tennessee Gas	EI	338	EI	330	GAS	ACT	12	2.99
Tennessee Gas	EI	300	EI	299	GAS	ACT	06	2.94
Tennessee Gas	ST	34	ST	50	GAS	ACT	08	2.84
Tennessee Gas	SS	149	SS	154	GAS	ACT	06	2.84
Tennessee Gas	ST	53	ST	50	GAS	ACT	12	2.75
Tennessee Gas	EI	257	EI	278	GAS	ACT	10	2.58
Tennessee Gas	SM	106	SM	99	GAS	ACT	08	2.56
Tennessee Gas	SS	158	SS	157	GAS	OUT	12	2.49
Tennessee Gas	EI	24	EI	11	GAS	ACT	12	2.45
Tennessee Gas	EI	245	EI	244	G/C	ACT	06	2.40
Tennessee Gas	SM	61	SM	61	GAS	ACT	16	2.40
Tennessee Gas	SM	244	SM	235	GAS	ACT	08	2.32
Tennessee Gas	GI	32	GI	32	GAS	OUT	12	2.27
Tennessee Gas	SS	177	SS	199	GAS	ACT	10	2.13
Tennessee Gas	SS	320	EI	367	GAS	R/A	08	1.91
Tennessee Gas	SS	170	SS	171	GAS	ACT	10	1.76
Tennessee Gas	SS	145	SS	144	GAS	ACT	06	1.72
Tennessee Gas	EI	257	EI	258	GAS	ACT	10	1.69
Tennessee Gas	EI	243	EI	224	GAS	ACT	06	1.64
Tennessee Gas	SM	78	SM	78	G/C	ACT	16	1.62
Tennessee Gas	SS	198	SS	198	GAS	R/A	16	1.37
Tennessee Gas	SS	168	SS	168	GAS	ACT	10	1.27
Tennessee Gas	SM	77	SM	77	GAS	ACT	12	1.20
Tennessee Gas	SS	182	SS	168	GAS	ACT	06	1.19
Tennessee Gas	SS	198	SS	198	GAS	ACT	16	1.15
Tennessee Gas	SS	66	SS	66	G/O	ACT	04	1.14
Tennessee Gas	EI	257	EI	257	GAS	ACT	10	1.12
Tennessee Gas	ST	37	ST	37	GAS	ACT	12	1.11
Tennessee Gas	EI	343	EI	343	GAS	ACT	16	0.97

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Tennessee Gas	SS	198	SS	198	GAS	ACT	16	0.96
Tennessee Gas	SM	243	SM	243	GAS	ACT	10	0.96
Tennessee Gas	ST	50	ST	50	GAS	CNCL	12	0.91
Tennessee Gas	GI	48	GI	48	GAS	ACT	06	0.90
Tennessee Gas	ST	38	ST	38	G/C	ABN	04	0.88
Tennessee Gas	SS	168	SS	168	GAS	ACT	06	0.85
Tennessee Gas	EI	238	EI	229	GAS	ACT	10	0.72
Tennessee Gas	GI	48	GI	48	GAS	ACT	06	0.57
Tennessee Gas	EI	342	EI	342	GAS	R/A	16	0.56
Tennessee Gas	SM	235	SM	235	GAS	RELQ	06	0.53
Tennessee Gas	SS	67	SS	66	GAS	R/A	04	0.52
Tennessee Gas	SM	61	SM	61	GAS	ACT	10	0.50
Tennessee Gas	SS	198	SS	198	GAS	ACT	10	0.41
Tennessee Gas	SS	198	SS	198	GAS	CNCL	08	0.38
Tennessee Gas	SS	145	SS	145	GAS	ACT	12	0.36
Tennessee Gas	EI	215	EI	215	GAS	ACT	06	0.35
Tennessee Gas	EI	338	EI	338	GAS	ACT	12	0.33
Tennessee Gas	SM	61	SM	61	GAS	R/A	10	0.32
Tennessee Gas	SM	79	SM	78	GAS	R/A	12	0.29
Tennessee Gas	SS	158	SS	158	GAS	OUT	12	0.23
Tennessee Gas	SS	97	SS	120	GAS	R/C	08	0.23
Tennessee Gas	SS	199	SS	199	GAS	R/A	12	0.21
Tennessee Gas	SS	144	SS	144	GAS	ACT	30	0.04
Texaco Exploration	GC	136	GC	6	BLKG	PROP	04	10.67
Texaco Exploration	GC	136	GC	6	BLKG	PROP	04	10.67
Texaco Exploration	SM	236	SM	217	GAS	PROP	06	7.94
Texaco Exploration	SM	230	SM	218	BLKG	ACT	03-04	7.64
Texaco Exploration	EI	313	EI	338	SPLY	OUT	08	6.06
Texaco Exploration	EI	354	EI	339	BLKG	PROP	08	5.27
Texaco Exploration	EI	354	EI	339	BLKG	PROP	08	5.27
Texaco Exploration	SM	222	SM	217	BLKG	CNCL	03	2.99
Texaco Exploration	SM	221	SM	217	BLKG	ACT	03	1.78
Texaco Exploration	SM	218	SM	217	BLKG	ACT	06	1.12
Texaco Exploration	SM	237	SM	236	BLKG	PROP	03	1.09
Texaco Exploration	SM	217	SM	217	BLKG	OUT	02-03	1.03
Texaco Exploration	SM	218	SM	217	BLKG	ACT	03	0.79
Texaco Exploration	SM	239	SM	239	BLKG	ACT	03	0.65
Texaco Exploration	SM	217	SM	217	BLKG	PROP	03	0.29
Texaco Exploration	GC	136	GC	136	BLKG	PROP	03	0.01
Texaco Exploration	GC	136	GC	136	BLKG	PROP	03	0.01
Texaco Inc.	SM	236	SM	217	GAS	ACT	12	8.03
Texaco Inc.	SM	231	SM	217	BLKG	ACT	03	5.54
Texaco Inc.	SM	207	SM	217	BLKG	CNCL	06	5.05
Texaco Inc.	SM	227	SM	229	BLKG	CNCL	03	4.96
Texaco Inc.	SM	217	SM	207	GAS	ACT	30	4.55
Texaco Inc.	SM	217	SM	217	BLKG	ACT	10	4.55
Texaco Inc.	SM	242	SM	236	BLKG	CNCL	04	3.51
Texaco Inc.	SM	222	SM	217	BLKG	ACT	03	3.24
Texaco Inc.	SM	219	VR	30	BLKG	CNCL	03	3.01
Texaco Inc.	EI	27	EI	47	BLKG	ABN	03	2.78
Texaco Inc.	EI	313	EI	313	BLKG	ACT	06	2.73
Texaco Inc.	EI	313	EI	313	BLKG	ACT	08	2.73
Texaco Inc.	SM	212	SM	218	BLKG	ACT	02	2.55
Texaco Inc.	SM	241	SM	239	BLKG	ACT	03	2.54
Texaco Inc.	SM	230	SM	229	BLKG	ACT	04	2.54
Texaco Inc.	SM	241	SM	239	BLKG	ACT	03	2.54
Texaco Inc.	SM	212	SM	217	BLKG	CNCL	03	2.50
Texaco Inc.	SM	212	SM	217	BLKG	CNCL	03	2.50
Texaco Inc.	SM	236	SM	236	BLKG	OUT	08	2.50
Texaco Inc.	SM	239	SM	226	BLKG	ACT	06	2.48
Texaco Inc.	SM	222	SM	217	BLKG	ACT	03	2.27
Texaco Inc.	SM	240	SM	239	BLKG	ACT	06	2.24
Texaco Inc.	SM	240	SM	239	BLKG	ACT	06	2.23
Texaco Inc.	SM	212	SM	218	BLKG	CNCL	03	2.16
Texaco Inc.	SM	212	SM	218	BLKG	ACT	03	2.16

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Texaco Inc.	SM	212	SM	217	BLKG	OUT	04	2.12
Texaco Inc.	SM	212	SM	217	BLKG	CNCL	03	2.11
Texaco Inc.	SM	221	SM	217	BLKG	OUT	04	2.10
Texaco Inc.	EI	339	EI	338	GAS	ACT	08	2.05
Texaco Inc.	SM	221	SM	218	BLKG	CNCL	03	2.05
Texaco Inc.	SM	212	SM	217	BLKG	ACT	06	2.02
Texaco Inc.	SM	217	SM	217	BLKG	OUT	03	2.00
Texaco Inc.	SM	221	SM	218	BLKG	ACT	03	1.99
Texaco Inc.	SM	221	SM	217	BLKG	ACT	04	1.98
Texaco Inc.	SM	236	SM	236	BLKG	OUT	03	1.96
Texaco Inc.	SM	229	SM	229	BLKG	ACT	03	1.94
Texaco Inc.	SM	212	SM	217	BLKG	ACT	04	1.94
Texaco Inc.	SM	239	SM	226	GAS	ACT	08	1.89
Texaco Inc.	SM	236	SM	236	BLKG	CNCL	08	1.89
Texaco Inc.	SM	236	SM	236	BLKG	CNCL	04	1.88
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	1.82
Texaco Inc.	SM	236	SM	236	BLKG	CNCL	03	1.80
Texaco Inc.	SM	236	SM	236	BLKG	CNCL	03	1.80
Texaco Inc.	SM	241	SM	240	BLKG	OUT	04	1.77
Texaco Inc.	SM	229	SM	236	BLKG	ACT	08	1.75
Texaco Inc.	SM	229	SM	236	BLKG	ACT	06	1.75
Texaco Inc.	SM	229	SM	236	BLKG	ACT	10	1.75
Texaco Inc.	SM	219	VR	31	BLKG	OUT	06	1.73
Texaco Inc.	SM	242	SM	236	BLKG	OUT	03	1.73
Texaco Inc.	SM	218	SM	217	BLKG	PROP	03	1.72
Texaco Inc.	SM	238	SM	239	BLKG	CNCL	04	1.70
Texaco Inc.	SM	236	SM	229	BLKG	ACT	03	1.67
Texaco Inc.	SM	218	SM	217	BLKG	ACT	03	1.66
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	03	1.65
Texaco Inc.	SM	222	SM	217	BLKG	ABN	03	1.61
Texaco Inc.	SM	237	SM	229	BLKG	ACT	03	1.56
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	1.53
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	1.53
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	03	1.53
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	1.53
Texaco Inc.	SM	218	SM	218	BLKG	PABN	03	1.53
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	03	1.52
Texaco Inc.	SM	218	SM	217	BLKG	OUT	03	1.52
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	1.52
Texaco Inc.	SM	218	SM	217	BLKG	ACT	03	1.52
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	1.52
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	03	1.51
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	03	1.47
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03-02	1.47
Texaco Inc.	SM	218	SM	217	BLKG	OUT	03	1.47
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	03	1.47
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	1.36
Texaco Inc.	SM	212	SM	218	BLKG	ACT	03	1.31
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	1.25
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	1.25
Texaco Inc.	SM	217	SM	217	BLKG	ABN	03	1.23
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	03	1.23
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	1.23
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	1.21
Texaco Inc.	SM	211	SM	218	BLKG	ACT	03	1.21
Texaco Inc.	SM	212	SM	207	BLKG	ABN	03	1.18
Texaco Inc.	SM	218	SM	217	BLKG	ACT	12	1.14
Texaco Inc.	SM	212	SM	207	BLKG	ABN	03	1.14
Texaco Inc.	SM	218	SM	217	BLKG	ACT	04	1.14
Texaco Inc.	SM	218	SM	217	BLKG	OUT	18	1.14
Texaco Inc.	SM	218	SM	217	BLKG	OUT	16	1.14
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	1.12
Texaco Inc.	SM	218	SM	217	BLKG	OUT	03	1.10
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	1.10
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	1.10

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Texaco Inc.	SM	218	SM	217	BLKG	ACT	03	1.08
Texaco Inc.	SM	218	SM	217	BLKG	ABN	03	1.06
Texaco Inc.	SM	217	SM	217	G/C	ABN	03	1.06
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	1.06
Texaco Inc.	SM	217	SM	217	BLKG	ACT	02-03	0.97
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	0.95
Texaco Inc.	SM	241	SM	240	BLKG	ACT	03	0.95
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.95
Texaco Inc.	SM	236	SM	229	BLKG	ACT	04	0.95
Texaco Inc.	SM	207	SM	207	BLKG	ABN	03	0.91
Texaco Inc.	SM	241	SM	240	BLKG	ACT	03	0.90
Texaco Inc.	SM	212	SM	207	BLKG	ABN	03	0.87
Texaco Inc.	SM	217	SM	217	BLKG	ACT	02	0.87
Texaco Inc.	SM	231	SM	218	BLKG	A/C	04-03	0.87
Texaco Inc.	SM	212	SM	207	BLKG	ABN	03	0.87
Texaco Inc.	SM	212	SM	207	BLKG	ABN	03	0.82
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	0.82
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	03	0.80
Texaco Inc.	SM	218	SM	217	G/C	ABN	03	0.80
Texaco Inc.	SM	218	SM	217	BLKG	ACT	03	0.76
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.76
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.76
Texaco Inc.	SM	217	SM	217	G/C	ABN	02	0.76
Texaco Inc.	SM	218	SM	217	BLKG	ACT	03	0.76
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	02	0.76
Texaco Inc.	SM	219	SM	219	BLKG	OUT	03	0.74
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.74
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.74
Texaco Inc.	SM	217	SM	217	BLKG	OUT	03	0.71
Texaco Inc.	SM	240	SM	240	BLKG	OUT	03	0.70
Texaco Inc.	SM	218	SM	218	BLKG	PABN	03	0.70
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.69
Texaco Inc.	SM	207	SM	207	BLKG	ABN	03	0.68
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.66
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.66
Texaco Inc.	SM	217	SM	217	BLKG	OUT	03	0.64
Texaco Inc.	SM	218	SM	217	BLKG	OUT	03	0.64
Texaco Inc.	SM	218	SM	217	BLKG	ACT	03	0.64
Texaco Inc.	SM	239	SM	240	BLKG	ACT	03	0.63
Texaco Inc.	SM	236	SM	229	BLKG	OUT	04	0.63
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	0.63
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	04	0.59
Texaco Inc.	SM	219	VR	31	GAS	O/C	06	0.59
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	04	0.59
Texaco Inc.	SM	217	SM	217	BLKG	A/C	02	0.57
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	0.57
Texaco Inc.	SM	217	SM	217	BLKG	OUT	03	0.57
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	0.57
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	04	0.56
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	0.53
Texaco Inc.	SM	207	SM	207	BLKG	OUT	03	0.51
Texaco Inc.	SM	212	SM	217	BLKG	A/C	03	0.51
Texaco Inc.	SM	236	SM	236	BLKG	CNCL	04	0.49
Texaco Inc.	SM	217	SM	217	BLKG	ABN	03	0.48
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	0.47
Texaco Inc.	SM	221	SM	217	BLKG	A/C	03	0.47
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	03	0.45
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	03	0.45
Texaco Inc.	SM	236	SM	236	BLKG	CNCL	04	0.45
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.45
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	0.38
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	0.38
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	0.37
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.37
Texaco Inc.	EI	26	EI	47	BLKG	ABN	03	0.36

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.33
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.33
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	0.32
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	0.32
Texaco Inc.	SM	217	SM	217	BLKG	ABN	03	0.32
Texaco Inc.	SM	217	SM	217	BLKG	ABN	03	0.32
Texaco Inc.	SM	217	SM	217	BLKG	ABN	03	0.32
Texaco Inc.	SM	217	SM	217	BLKG	CNCL	04	0.30
Texaco Inc.	SM	239	SM	239	BLKG	OUT	03	0.29
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.28
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.28
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.28
Texaco Inc.	SM	218	SM	218	BLKG	ABN	03	0.28
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.28
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.28
Texaco Inc.	SM	217	SM	217	BLKG	ACT	03	0.27
Texaco Inc.	SM	217	SM	217	BLKG	ABN	02	0.27
Texaco Inc.	SM	218	SM	218	BLKG	ACT	04	0.24
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	0.19
Texaco Inc.	SM	218	SM	218	BLKG	ACT	03	0.19
Texaco Inc.	SM	218	SM	218	BLKG	OUT	03	0.19
Texaco Inc.	SM	217	SM	217	BLKG	A/C	02	0.15
Texaco Inc.	SM	221	SM	217	BLKG	A/C	03	0.10
Texaco Inc.	SM	221	SM	217	BLKG	A/C	03	0.08
Texaco Inc.	SM	217	SM	217	BLKG	A/C	02	0.06
Texaco Inc.	SM	219	SM	219	BLKG	OUT	03	0.06
Texaco Inc.	SM	218	SM	218	BLKG	ACT	04	0.02
Texaco Inc.	SM	222	SM	217	BLKG	A/C	03	0.01
Texaco Inc.	SM	217	SM	217	BLKG	A/C	03	0.01
Texaco Inc.	SM	218	SM	218	BLKG	COMB	03	0.00
Texaco Inc.	SM	218	SM	217	BLKG	COMB	03	0.00
Texaco Inc.	SM	218	SM	217	BLKG	COMB	03	0.00
Texaco Inc.	SM	211	SM	218	BLKG	COMB	03	0.00
Texaco Inc.	SM	231	SM	231	BLKG	COMB	03	0.00
Texaco Inc.	SM	218	SM	218	BLKG	CNCL	04	0.00
Texaco Inc.	SM	217	SM	217	BLKG	COMB	03	0.00
Texaco Inc.	SM	217	SM	217	BLKG	COMB	03	0.00
Texaco Inc.	SM	218	SM	218	BLKG	COMB	03	0.00
Texaco Inc.	SM	217	SM	217	BLKG	COMB	03	0.00
Texas Eastern	EI	182	EI	197	GAS	ACT	08	4.81
Texas Eastern	SS	134	SS	120	GAS	ACT	12	4.33
Texas Eastern	SS	133	SS	157	GAS	ACT	06	3.96
Texas Eastern	EI	333	EI	334	GAS	CNCL	12	2.84
Texas Eastern	SS	295	EI	322	GAS	OUT	06	2.67
Texas Eastern	EI	349	EI	349	GAS	ACT	06	1.29
Texas Eastern	EI	349	EI	349	GAS	ACT	16	0.56
Texas Eastern	SS	135	SS	135	GAS	ACT	12	0.33
Texas Gas Transmission	EI	311	EI	293	GAS	OUT	12	8.28
Texas Gas Transmission	SS	296	EI	320	GAS	OUT	08	7.82
Texas Gas Transmission	SS	184	SS	207	GAS	OUT	08	6.80
Texas Gas Transmission	SM	161	SM	146	GAS	ACT	10	6.19
Texas Gas Transmission	SS	15	SS	26	GAS	OUT	12	3.49
Texas Gas Transmission	SM	11	SM	10	GAS	ACT	08	2.08
Texas Gas Transmission	SM	11	SM	11	GAS	ACT	06	1.76
Texas Gas Transmission	SS	26	SS	26	GAS	ACT	16	1.23
Texas Gas Transmission	SM	219	VR	31	GAS	OUT	06	1.20
Texas Gas Transmission	PL	2	PL	3	GAS	OUT	10	0.95
Texas Gas Transmission	EI	276	EI	259	GAS	ACT	06	0.64
Texoma	EI	208	EI	208	GAS		04	1.32
Texoma	EI	208	EI	208	BLKG	ACT	08	0.98
Total Minatome	SM	7	SM	7	BLKG	PABN	03	0.39
Total Minatome	SM	7	SM	7	BLKG	PABN	03	0.22
Transco Offshore	ST	295	ST	295	GAS	RELO	08	0.40
Transcontinental	ST	206	SS	70	GAS	RELO	26	51.32
Transcontinental	EI	129	SS	28	GAS	ACT	16	35.98

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Transcontinental	SS	214	SS	70	G/C	ACT	26	31.48
Transcontinental	EI	129	SS	8	GAS	ACT	20	29.92
Transcontinental	SM	66	EI	129	GAS	ACT	24	28.98
Transcontinental	EI	10	EI	107	G/C	CNCL	20	28.26
Transcontinental	EI	129	SS	9	G/C	ACT	24	27.65
Transcontinental	ST	300	SS	214	GAS	ACT	24	26.97
Transcontinental	SS	269	SS	214	GAS	ACT	20	23.67
Transcontinental	SS	169	SS	87	G/O	ACT	10	19.64
Transcontinental	SM	106	SM	66	GAS	ACT	24	17.99
Transcontinental	SM	23	EI	129	GAS	ACT	16	17.24
Transcontinental	SM	23	EI	129	GAS	ACT	20	17.22
Transcontinental	SS	72	SS	28	G/C	ACT	14-12	16.09
Transcontinental	PL	13	SS	70	GAS	ACT	20	15.03
Transcontinental	EI	172	EI	129	GAS	ACT	14	14.58
Transcontinental	SS	224	SS	242	GAS	ACT	20	13.92
Transcontinental	SS	108	SS	72	GAS	ACT	08	12.02
Transcontinental	SS	208	SS	169	G/O	ACT	10	11.93
Transcontinental	ST	198	SS	214	G/C	ACT	12	11.81
Transcontinental	SS	322	SS	269	G/C	ACT	10	11.81
Transcontinental	EI	215	EI	184	GAS	ACT	16	10.28
Transcontinental	SM	49	SM	23	GAS	ACT	16	10.08
Transcontinental	SS	119	SS	72	GAS	ACT	06	10.02
Transcontinental	SM	130	SM	106	GAS	ACT	16	8.62
Transcontinental	SM	38	SM	23	GAS	ACT	12	8.22
Transcontinental	EI	108	EI	129	GAS	ACT	12	7.51
Transcontinental	EI	57	SS	11	G/C	ACT	16	6.93
Transcontinental	EI	113A	EI	135	G/C	ACT	08	6.93
Transcontinental	SS	67	SS	72	GAS	ACT	08	6.91
Transcontinental	EI	206	EI	184	GAS	ACT	10	6.82
Transcontinental	SS	28	SS	14	GAS	ACT	16	6.63
Transcontinental	SS	332	ST	300	G/C	ACT	24	6.49
Transcontinental	SM	147	SM	130	G/C	ACT	16	6.15
Transcontinental	SM	132	SM	130	GAS	ACT	12	6.03
Transcontinental	EI	136	EI	158	GAS	ACT	06	5.46
Transcontinental	SS	239	SS	214	GAS	ACT	16	5.43
Transcontinental	SS	120	SS	137	GAS	OUT	16	5.41
Transcontinental	SM	107	SM	106	GAS	ACT	10	5.40
Transcontinental	SS	185	SS	0179	G/C	RELQ	12	5.07
Transcontinental	ST	185	ST	179	GAS	ACT	08	5.06
Transcontinental	PL	11	SS	67	GAS	ACT	08	5.00
Transcontinental	SS	114	SS	119	GAS	ACT	06	4.96
Transcontinental	SS	246	SS	224	GAS	ACT	16	4.58
Transcontinental	SS	29	SS	28	GAS	R/A	12	3.98
Transcontinental	SS	28	SS	14	GAS	ACT	16	3.79
Transcontinental	SS	28	SS	14	GAS	ACT	20	3.79
Transcontinental	SM	76	SM	66	G/C	ACT	10	3.79
Transcontinental	SM	35	SM	23	GAS	R/A	06	2.99
Transcontinental	SS	253	SS	252	GAS	ACT	10	2.84
Transcontinental	EI	129A	EI	129A	GAS	R/A	04	2.65
Transcontinental	PL	19	PL	11	GAS	ACT	04	2.59
Transcontinental	SS	229	SS	242	GAS	ACT	10	2.56
Transcontinental	ST	185	ST	185	GAS	ACT	08	2.45
Transcontinental	SS	214	SS	214	GAS	ACT	16	2.42
Transcontinental	SS	214	SS	214	GAS	ACT	12	2.39
Transcontinental	SS	64	SS	72	GAS	ACT	08	2.37
Transcontinental	PL	1	SS	68	GAS	ACT	06	2.22
Transcontinental	SS	223	SS	224	GAS	ACT	10	2.15
Transcontinental	SS	159	SS	145	GAS	R/A	08	2.07
Transcontinental	EI	105	EI	105	GAS	R/A	06	1.99
Transcontinental	EI	158	EI	153	GAS	ACT	08	1.98
Transcontinental	SS	168	SS	169	GAS	ACT	08	1.96
Transcontinental	EI	184	EI	172	GAS	ACT	14	1.76
Transcontinental	SS	214	SS	208	GAS	ACT	12	1.67
Transcontinental	SS	214	SS	208	GAS	O/C	10	1.61
Transcontinental	SS	118	SS	119	GAS	ACT	10	1.56

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Transcontinental	EI	128A	EI	129	GAS	ACT	06	1.55
Transcontinental	SS	69	SS	69	GAS	ACT	10	1.53
Transcontinental	SS	214	SS	214	GAS	R/A	16	1.52
Transcontinental	SS	232	SS	232	G/C	OUT	12	1.51
Transcontinental	SS	214	SS	214	GAS	R/A	16	1.46
Transcontinental	SS	70	SS	65	GAS	ACT	26	1.45
Transcontinental	EI	120	EI	119	GAS	ACT	10	1.44
Transcontinental	SS	214	SS	208	GAS	ACT	10	1.42
Transcontinental	PL	10	PL	11	GAS	R/A	08	1.41
Transcontinental	SS	233	SS	232	GAS	ACT	16	1.37
Transcontinental	EI	10	EI	24	GAS	ACT	12	1.36
Transcontinental	SS	230	SS	230	GAS	ACT	12	1.35
Transcontinental	SS	28	SS	28	GAS	ACT	16	1.33
Transcontinental	SS	70	SS	65	GAS	ACT	12	1.29
Transcontinental	SS	209	SS	214	GAS	R/A	12	1.23
Transcontinental	SM	23	SM	23	GAS	OUT	10	1.23
Transcontinental	SM	48	SM	49	GAS	R/C	10	1.20
Transcontinental	SS	209	SS	214	GAS	R/A	12	1.17
Transcontinental	EI	129A	EI	129	GAS	ACT	14	1.14
Transcontinental	SS	209	SS	214	GAS	ACT	12	1.13
Transcontinental	SM	48	SM	49	GAS	ACT	10	1.13
Transcontinental	EI	105	EI	105	GAS	R/A	06	1.13
Transcontinental	PL	12	PL	9	G/O	ACT	12	1.07
Transcontinental	SS	87	SS	72	GAS	ACT	08	1.06
Transcontinental	EI	196	EI	195	GAS	ACT	10	1.05
Transcontinental	PL	10	PL	10	GAS	ACT	16	0.93
Transcontinental	PL	12	PL	11	GAS	R/A	03	0.89
Transcontinental	SM	130	SM	130	GAS	ACT	12	0.85
Transcontinental	SS	65	SS	65	G/O	ACT	12	0.81
Transcontinental	SS	247	SS	246	GAS	OUT	08	0.80
Transcontinental	SM	50	SM	49	GAS	OUT	16	0.80
Transcontinental	SS	269	SS	269	GAS	ACT	16	0.76
Transcontinental	SS	214	SS	214	GAS	ACT	12	0.72
Transcontinental	SS	214	SS	214	GAS	OUT	02	0.70
Transcontinental	SS	214	SS	214	GAS	OUT	06	0.70
Transcontinental	SM	66	SM	66	GAS	ACT	10	0.67
Transcontinental	EI	179	SM	49	GAS	R/A	10	0.60
Transcontinental	SM	48	SM	48	GAS	ACT	10	0.57
Transcontinental	SS	215	SS	215	GAS	ACT	10	0.57
Transcontinental	SM	23	SM	23	GAS	OUT	12	0.57
Transcontinental	EI	172	EI	172	GAS	RELQ	08	0.49
Transcontinental	SM	33	SM	38	GAS	ACT	12	0.45
Transcontinental	SS	114	SS	114	GAS	R/C	06	0.39
Transcontinental	SS	72	SS	72	GAS	ACT	12	0.37
Transcontinental	EI	193	EI	193	GAS	ACT	10	0.30
Transcontinental	EI	129A	EI	129A	GAS	ACT	12	0.29
Transcontinental	SM	23	SM	23	G/O	OUT	04	0.28
Transcontinental	SM	35	SM	34	GAS	R/A	06	0.27
Transcontinental	SM	50	SM	50	GAS	R/A	10	0.23
Transcontinental	EI	116	EI	116	GAS	R/A	04	0.19
Transcontinental	SM	49	SM	49	GAS	ACT	12	0.15
Transcontinental	SM	49	SM	49	GAS	R/A	12	0.15
Transcontinental	EI	46	EI	46	GAS	ABN	06	0.10
Transcontinental	SS	113	SS	113	GAS	ACT	06	0.09
Transcontinental	SS	225	SS	225	GAS	OUT	08	0.09
Transcontinental	EI	105	EI	105	GAS	R/A	04	0.06
Transcontinental	SS	225	SS	225	GAS	ACT	08	0.06
Transcontinental	SS	118	SS	119	GAS	R/C	10	0.06
Transcontinental	SS	233	SS	233	GAS	ACT	08	0.05
Transcontinental	SS	246	SS	246	GAS	ACT	08	0.02
Transcontinental	SS	33	SS	33	GAS	R/R	06	0.01
Transcontinental	SS	114	SS	119	GAS	COMB	06	0.00
Transcontinental	EI	193	EI	193	GAS	R/C	10	0.00
Trunkline Gas	SM	268	EI	35	GAS	ACT	22	31.79
Trunkline Gas	SS	241	SS	139	GAS	ACT	26	29.96

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Trunkline Gas	EW	826	ST	176	GAS	ACT	16	23.99
Trunkline Gas	SS	139	SS	64	GAS	ACT	30	22.41
Trunkline Gas	ST	175	ST	72	GAS	ACT	24	21.81
Trunkline Gas	ST	175	ST	72	GAS	ACT	24	20.17
Trunkline Gas	ST	165	SS	139	GAS	ACT	20	18.44
Trunkline Gas	ST	165	SS	139	GAS	ACT	18	17.98
Trunkline Gas	GI	82	ST	63	GAS	ACT	16	17.43
Trunkline Gas	ST	63	ST	52	GAS	ACT	18	16.64
Trunkline Gas	SS	139	SS	64	GAS	ACT	30	15.17
Trunkline Gas	SS	274	SS	241	GAS	ACT	20	13.28
Trunkline Gas	ST	151	ST	175	GAS	ACT	20	12.44
Trunkline Gas	GI	94	ST	151	GAS	ACT	24	11.27
Trunkline Gas	ST	196	SS	185	GAS	ACT	10	10.98
Trunkline Gas	ST	179	ST	175	GAS	ACT	12	10.04
Trunkline Gas	ST	72	SS	139	GAS	ACT	30	9.43
Trunkline Gas	ST	52	ST	72	GAS	ACT	24	7.34
Trunkline Gas	SS	292	SS	274	GAS	R/A	06	4.68
Trunkline Gas	EI	392	EI	381	GAS	OUT	10	3.99
Trunkline Gas	EW	305	GI	82	GAS	ACT	10	3.99
Trunkline Gas	ST	148	ST	147	GAS	ACT	12	3.98
Trunkline Gas	ST	190	ST	189	GAS	ACT	10	3.96
Trunkline Gas	SM	281	SM	268	GAS	ACT	12	3.58
Trunkline Gas	ST	171	ST	165	GAS	ACT	12	3.21
Trunkline Gas	ST	176	ST	175	GAS	PROP	16	2.92
Trunkline Gas	EI	380	EI	381	GAS	OUT	10	2.68
Trunkline Gas	GI	93	GI	94	GAS	ACT	20	2.61
Trunkline Gas	ST	161	ST	175	GAS	ACT	12	2.58
Trunkline Gas	ST	52	ST	52	GAS	ACT	08	2.42
Trunkline Gas	SS	165	SS	162	GAS	RELQ	04	1.72
Trunkline Gas	ST	63	ST	63	GAS	ACT	12	1.70
Trunkline Gas	PL	23	ST	72	GAS	ACT	04	1.61
Trunkline Gas	SS	25	SS	25	GAS	ACT	30	1.61
Trunkline Gas	SS	139	SS	139	GAS	ACT	10	1.55
Trunkline Gas	ST	140	ST	140	GAS	ACT	04	1.45
Trunkline Gas	ST	72	ST	72	GAS	ACT	12	1.42
Trunkline Gas	GI	95	GI	94	GAS	ACT	20	1.40
Trunkline Gas	ST	100	ST	111	GAS	RELQ	06	1.33
Trunkline Gas	ST	162	ST	175	GAS	ACT	12	1.10
Trunkline Gas	ST	156	ST	156	GAS	R/A	08	1.02
Trunkline Gas	ST	189	ST	176	GAS	ACT	16	0.89
Trunkline Gas	ST	86	ST	63	GAS	ACT	10	0.89
Trunkline Gas	SS	274	SS	274	GAS	ACT	18	0.51
Trunkline Gas	GI	81	GI	82	GAS	R/C	16	0.42
Trunkline Gas	SS	266	SS	267	GAS	ACT	08	0.35
Trunkline Gas	ST	86	ST	86	GAS	R/C	10	0.32
Trunkline Gas	SS	241	SS	241	GAS	ACT	08	0.25
Trunkline Gas	SM	281	SM	281	GAS	ACT	10	0.22
Trunkline Gas	SM	268	SM	268	GAS	ACT	10	0.14
Trunkline Gas	ST	72	SS	139	GAS	R/C	30	0.14
Trunkline Gas	ST	165	SS	139	GAS	R/C	18	0.13
Trunkline Gas	ST	165	SS	139	GAS	R/C	20	0.12
Trunkline Gas	ST	72	SS	139	GAS	R/C	30	0.10
Trunkline Gas	ST	151	ST	151	GAS	ACT	12	0.10
Trunkline Gas	SS	139	SS	64	GAS	R/C	30	0.10
Trunkline Gas	SS	241	SS	139	GAS	R/C	26	0.10
Trunkline Gas	SS	139	SS	64	GAS	R/C	30	0.10
Trunkline Gas	ST	72	ST	72	GAS	R/C	12	0.05
Union Exploration	SS	209	SS	209	GAS	ACT	04	0.40
Union Exploration	SS	209	SS	209	GAS	ACT	06	0.40
Union Oil Company	EI	297	EI	296	G/C	ACT	08	2.80
Union Oil Company	EI	212	SS	152	GAS	ACT	06	2.67
Union Oil Company	SS	268	SS	268	BLKG	ACT	08	2.35
Union Oil Company	ST	53	ST	53	BLKG	CNCL	06	1.91
Union Oil Company	ST	53	ST	53	BLKG	CNCL	04	1.91
Union Oil Company	SS	215	SS	209	G/O	ABN	04	1.76

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Central Louisiana (continued)								
Union Oil Company	SS	215	SS	209	GAS	ACT	04	1.76
Union Oil Company	EI	276	EI	276	GAS	ACT	04	1.74
Union Oil Company	SS	253	SS	253	GAS	ACT	06	1.70
Union Oil Company	SS	253	SS	253	BLKG	ACT	08	1.55
Union Oil Company	SS	209	SS	209	GAS	ACT	06	1.52
Union Oil Company	SS	209	SS	215	SPLY	PROP	06	1.51
Union Oil Company	EI	276	EI	276	GAS	ACT	06	1.42
Union Oil Company	SS	209	SS	209	GAS	ACT	08	1.42
Union Oil Company	EI	276	EI	276	GAS	ACT	04	1.40
Union Oil Company	EI	276	EI	276	GAS	ACT	06	1.38
Union Oil Company	EI	276	EI	276	GAS	ACT	04	1.36
Union Oil Company	EI	276	EI	276	GAS	ACT	04	1.36
Union Oil Company	EI	276	EI	276	G/O	ACT	08	1.33
Union Oil Company	SS	266	SS	266	GAS	ACT	08	1.26
Union Oil Company	SS	266	SS	266	GAS	ACT	06	1.23
Union Oil Company	SS	253	SS	253	G/O	ACT	04	1.23
Union Oil Company	SS	215	SS	215	G/O	ACT	04	1.23
Union Oil Company	SS	215	SS	215	G/O	ACT	06	1.23
Union Oil Company	SS	215	SS	215	G/O	ABN	04	1.23
Union Oil Company	SS	209	SS	209	GAS	ACT	04	1.15
Union Oil Company	SS	253	SS	253	G/O	ACT	04	1.10
Union Oil Company	SM	49	SM	49	BLKG	ACT	04	0.95
Union Oil Company	EI	179	SM	49	BLKG	ACT	08	0.95
Union Oil Company	SS	253	SS	253	G/O	ACT	06	0.95
Union Oil Company	SM	49	SM	49	BLKG	ACT	10	0.95
Union Oil Company	EI	32	EI	32	BLKG	ACT	04	0.92
Union Oil Company	ST	53	ST	53	BLKG	ACT	06	0.91
Union Oil Company	SS	268	SS	269	BLKG	ACT	08	0.87
Union Oil Company	SS	209	SS	209	BLKG	ABN	04	0.85
Union Oil Company	SS	209	SS	209	BLKG	ABN	04	0.85
Union Oil Company	EI	179	SM	49	BLKG	ACT	04	0.76
Union Oil Company	SS	269	SS	269	BLKG	ABN	02	0.76
Union Oil Company	SS	269	SS	269	BLKG	ABN	02	0.76
Union Oil Company	SS	269	SS	269	GAS	ACT	06	0.75
Union Oil Company	SS	253	SS	253	G/O	ACT	04	0.75
Union Oil Company	SS	253	SS	253	G/O	ACT	04	0.73
Union Oil Company	EI	372	EI	372	G/C	ACT	08	0.69
Union Oil Company	SS	269	SS	269	G/O	ACT	04	0.68
Union Oil Company	SS	269	SS	269	G/O	ACT	04	0.68
Union Oil Company	EI	32	EI	32	BLKG	ABN	03	0.68
Union Oil Company	SS	209	SS	208	GAS	ACT	08	0.66
Union Oil Company	SS	209	SS	208	GAS	ACT	04	0.66
Union Oil Company	SS	209	SS	208	GAS	ACT	06	0.66
Union Oil Company	SS	209	SS	208	GAS	ACT	04	0.66
Union Oil Company	EI	32	EI	32	GAS	ACT	02	0.51
Union Oil Company	SS	209	SS	209	GAS	ACT	06	0.51
Union Oil Company	SS	209	SS	209	GAS	ACT	06	0.51
Union Oil Company	EI	32	EI	32	G/O	ACT	10	0.50
Union Oil Company	EI	32	EI	32	BLKG	ACT	03	0.50
Union Oil Company	SS	208	SS	208	GAS	ACT	06	0.47
Union Oil Company	SS	208	SS	208	G/O	ACT	04	0.47
Union Oil Company	SS	208	SS	208	GAS	ACT	04	0.47
Union Oil Company	SS	208	SS	208	G/O	ACT	04	0.47
Union Oil Company	SS	159	SS	159	G/O	ABN	03	0.47
Union Oil Company	SS	159	SS	159	G/O	ABN	03	0.47
Union Oil Company	EI	32	EI	32	BLKG	ACT	03	0.40
Union Oil Company	SS	209	SS	209	SPLY	PROP	04	0.34
Union Oil Company	EI	32	EI	32	BLKG	ACT	03	0.34
Union Oil Company	EI	32	EI	32	BLKG	ACT	04	0.34
Union Oil Company	EI	32	EI	32	G/O	ACT	06	0.30
Union Oil Company	EI	32	EI	32	G/O	ACT	06	0.30
Union Oil Company	EI	32	EI	32	G/O	ABN	03	0.27
Union Oil Company	EI	32	EI	32	BLKG	ABN	02	0.25
Union Oil Company	SS	209	SS	209	GAS	ACT	04	0.23
Union Oil Company	SS	209	SS	209	GAS	ACT	04	0.23

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Central Louisiana (continued)								
Union Pacific	EI	70	SM	268	G/C	ACT	06	3.74
Union Pacific	SS	180	SS	171	G/C	ACT	06	3.31
Union Pacific	SS	165	SS	162	GAS	R/A	04	1.69
Union Pacific	SS	191	SS	190	GAS	ACT	06	1.34
Union Pacific	SM	233	SM	233	BLKG	ACT	06	0.82
Union Pacific	SM	233	SM	233	G/C	ACT	06	0.68
Union Pacific	SM	30	SM	27	G/C	R/A	06	0.51
Union Pacific	SS	251	SS	251	G/C	ACT	08	0.41
Union Pacific	SS	184	SS	184	BLKG	REM	04	0.02
Union TX Petroleum	ST	148	ST	148	G/O		06	0.19
Union TX Petroleum	ST	148	ST	148	GAS	ACT	08	0.18
Unocal Pipeline	SS	108	SS	99	G/O	ACT	06	1.80
Vastar Resources Inc.	EI	175	EI	176	GAS	ACT	04	1.93
Vastar Resources Inc.	ST	144	ST	165	G/C	PROP	06	1.83
Vastar Resources Inc.	ST	145	ST	144	G/C	PROP	06	1.49
Vastar Resources Inc.	EI	107	EI	118	GAS	R/A	06	1.36
Vastar Resources Inc.	EI	175	EI	175	GAS	ACT	04	1.14
Vastar Resources Inc.	EI	175	EI	175	SPLY	ACT	04	1.14
Vastar Resources Inc.	SM	33	SM	33	G/C	ACT	06	0.66
W & T Offshore	SS	133	SS	133	BLKG	ACT	04	1.18
W & T Offshore	SM	11	SM	11	BLKG	CNCL	03	0.51
W & T Offshore	SM	11	SM	11	BLKG	CNCL	03	0.44
Walter Oil and Gas	SM	36	SM	61	G/C	ACT	10	10.42
Walter Oil and Gas	PL	6	ST	35	G/C	ACT	08	6.09
Walter Oil and Gas	SS	160	SS	144	G/C	RELQ	04	6.02
Walter Oil and Gas	EI	78	EI	99	G/C	ACT	04	3.70
Walter Oil and Gas	EI	90	EI	72	G/C	R/A	04	2.11
Walter Oil and Gas	SS	160	SS	167	GAS	ACT	03	1.93
Walter Oil and Gas	EI	239	EI	239	GAS	ACT	08	1.46
Walter Oil and Gas	EI	239	EI	228	G/C	ACT	10	1.46
Walter Oil and Gas	EI	72	EI	72	G/C	ACT	06	1.32
Walter Oil and Gas	EI	72	EI	72	G/C	CNCL	04	1.32
Walter Oil and Gas	SM	123	SM	123	G/C	ABN	04	1.23
Walter Oil and Gas	SS	243	SS	228	G/C	PROP	08	1.15
Walter Oil and Gas	SM	37	SM	36	BLKG	ACT	06	0.73
Walter Oil and Gas	EI	44	EI	44	BLKG	CNCL	04	0.66
Walter Oil and Gas	SM	36	SM	36	BLKG	ACT	04	0.58
Walter Oil and Gas	SM	36	SM	36	G/C	ACT	06	0.13
Wayman W Buchanan, Inc.	ST	30	ST	30	G/C	CNCL	04	1.47
Wayman W Buchanan, Inc.	ST	30	ST	30	BLKG	CNCL	04	0.95
West Lake Arthur Corp.	PL	1	SS	66	GAS	CNCL	08	4.66
Zilkha Energy	PL	5	PL	6	BLKG	PROP	06	4.55
Zilkha Energy	SS	227	SS	243	BLKG	PROP	06	3.31
Zilkha Energy	SM	133	SM	136	GAS	ACT	04	1.95
Zilkha Energy	ST	107	ST	106	SPLY	R/A	02	0.96
Zilkha Energy	ST	106	ST	107	BLKG	R/A	03	0.96
Zydeco	SS	67	SS	66	GAS	PROP	06	1.46
Western Louisiana								
Amerada Hess Co.	WC	556	WC	510	GAS	RELQ	20	8.07
Amerada Hess Co.	HI	A 557	HI	A 555	G/C	ACT	08	5.87
Amerada Hess Co.	WC	572	WC	566	G/C	ACT	08	4.62
Amerada Hess Co.	WC	589	WC	566	G/C	R/A	08	4.28
Amerada Hess Co.	WC	556	EC	281	GAS	ACT	20	3.94
Amerada Hess Co.	EC	188	EC	189	G/C	ACT	08	3.35
Amerada Hess Co.	HI	A 551	HI	A 552	BLKG	ACT	08	3.08
Amerada Hess Co.	VR	58	VR	58	BLKG	OUT	06	2.68
Amerada Hess Co.	WC	571	WC	572	BLKG	OUT	06	2.63
Amerada Hess Co.	VR	58	VR	58	BLKG	OUT	04	2.56
Amerada Hess Co.	VR	58	VR	58	BLKG	ACT	03	1.64
Amerada Hess Co.	VR	58	VR	58	BLKG	ABN	04	1.34
Amerada Hess Co.	VR	58	VR	58	BLKG	ABN	04	1.32
Amerada Hess Co.	VR	58	VR	58	BLKG	ABN	04	0.76
Amerada Hess Co.	VR	58	VR	58	BLKG	ABN	03	0.37
Amoco Production	VR	60	VR	35	G/C	ACT	06	13.92

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Amoco Production	VR	60	VR	35	G/C	CNCL	06	13.90
Amoco Production	VR	60	VR	35	G/C	ACT	06	13.90
Amoco Production	VR	23	VR	35	GAS	R/A	10	9.42
Amoco Production	VR	23	VR	35	GAS	ABN	10	9.20
Amoco Production	EC	221	EC	222	GAS	ACT	08	4.05
Amoco Production	HI	A 22	HI	232	GAS	R/A	08	4.01
Amoco Production	VR	35	VR	27	G/C	ACT	20	3.29
Amoco Production	VR	27	VR	35	BLKG	ACT	08	3.13
Amoco Production	VR	35	VR	26	G/C	OUT	20	3.12
Amoco Production	WC	293	WC	294	GAS	CNCL	06	2.81
Amoco Production	VR	315	VR	331	GAS	CNCL	04	2.42
Amoco Production	VR	34	VR	35	BLKG	ABN	04	2.18
Amoco Production	HI	67	HI	52	BLKG	R/A	06	1.99
Amoco Production	EC	222	EC	222	BLKG	PROP	06	1.78
Amoco Production	WC	293	WC	294	BLKG	ACT	04	1.31
Amoco Production	WC	293	WC	294	BLKG	CNCL	06	1.31
Amoco Production	EC	221	EC	221	BLKG	PABN	06	1.30
Amoco Production	VR	35	VR	35	BLKG	ABN	04	1.29
Amoco Production	EC	221	EC	221	BLKG	ABN	06	1.22
Amoco Production	EC	221	EC	221	GAS	ACT	08	0.97
Amoco Production	EC	261	EC	261	BLKG	PROP	06	0.78
Amoco Production	HI	175	HI	175	BLKG	CNCL	06	0.76
Amoco Production	VR	36	VR	36	BLKG	PABN	10	0.49
Anadarko Petrol	HI	A 376	HI	A 376	GAS	ACT	08	1.93
Anadarko Petrol	EC	157	EC	157	G/C	ACT	10	1.11
Anadarko Petrol	VR	78	VR	78	G/C	ACT	06	0.78
ANR Pipeline Co.	WC	238	WC	171	GAS	ACT	20	27.27
ANR Pipeline Co.	VR	397	SM	137	GAS	ACT	24	19.91
ANR Pipeline Co.	WC	171	WC	101	GAS	ACT	30	14.00
ANR Pipeline Co.	WC	101	WC	33	GAS	ACT	30	12.31
ANR Pipeline Co.	WC	167	WC	171	GAS	ACT	30	11.80
ANR Pipeline Co.	HI	A 309	HI	A 332	GAS	ACT	16	10.07
ANR Pipeline Co.	VR	372	VR	397	GAS	ACT	12	10.06
ANR Pipeline Co.	VR	412	VR	397	G/C	ACT	16	7.64
ANR Pipeline Co.	WC	187	WC	167	GAS	OUT	16	5.88
ANR Pipeline Co.	VR	359	VR	372	GAS	ACT	10	5.54
ANR Pipeline Co.	HI	A 368	HI	A 370	GAS	ACT	12	5.22
ANR Pipeline Co.	HI	A 325	HI	A 345	GAS	ACT	10	4.40
ANR Pipeline Co.	WC	165	WC	187	GAS	ACT	10	4.22
ANR Pipeline Co.	HI	A 341	HI	A 340	GAS	OUT	10	3.61
ANR Pipeline Co.	HI	A 315	HI	A 316	GAS	R/A	10	3.58
ANR Pipeline Co.	HI	A 295	HI	A 309	GAS	OUT	06	3.23
ANR Pipeline Co.	WC	72	WC	71	GAS	OUT	12	2.70
ANR Pipeline Co.	VR	182	EC	181	GAS	R/A	06	2.54
ANR Pipeline Co.	HI	A 520	HI	A 340	GAS	OUT	08	2.46
ANR Pipeline Co.	HI	A 494	HI	A 469	BLKG	ACT	06	2.38
ANR Pipeline Co.	WC	281	WC	280	GAS	ACT	10	2.28
ANR Pipeline Co.	HI	A 310	HI	A 309	GAS	ACT	12	2.19
ANR Pipeline Co.	WC	101	WC	102	GAS	ACT	12	1.99
ANR Pipeline Co.	WC	601	WC	601	GAS	ACT	08	1.81
ANR Pipeline Co.	HI	A 298	HI	A 298	GAS	OUT	08	1.60
ANR Pipeline Co.	WC	102	WC	101	G/C	ACT	08	1.38
ANR Pipeline Co.	HI	A 555	HI	A 555	GAS	ACT	10	1.25
ANR Pipeline Co.	WC	71	WC	71	GAS	OUT	10	1.22
ANR Pipeline Co.	WC	71	WC	71	GAS	ACT	08	1.12
ANR Pipeline Co.	WC	504	WC	504	GAS	ACT	08	1.03
ANR Pipeline Co.	WC	71	WC	71	GAS	ACT	10	0.98
ANR Pipeline Co.	WC	102	WC	102	GAS	ACT	08	0.95
ANR Pipeline Co.	VR	242	VR	241	GAS	R/A	10	0.82
ANR Pipeline Co.	HI	A 323	HI	A 323	GAS	ACT	10	0.79
ANR Pipeline Co.	WC	102	WC	102	GAS	ACT	08	0.70
ANR Pipeline Co.	VR	372	VR	397	GAS	R/C	12	0.47
ANR Pipeline Co.	WC	167	WC	167	GAS	ACT	08	0.45
ANR Pipeline Co.	HI	A 327	HI	A 327	GAS	ACT	12	0.25
ANR Pipeline Co.	WC	101	WC	101	G/C	ACT	08	0.22

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
ANR Pipeline Co.	WC	48	WC	48	GAS	ACT	08	0.19
ANR Pipeline Co.	WC	71	WC	71	GAS	ACT	08	0.08
ANR Pipeline Co.	WC	102	WC	102	GAS	ACT	06	0.05
ANR Pipeline Co.	WC	102	WC	101	GAS	COMB	08	0.00
Apache Corporation	HI	164	HI	116	BLKG	ACT	04	8.04
Apache Corporation	HI	164	HI	116	BLKG	ABN	04	7.98
Apache Corporation	WC	379	WC	370	G/C	ACT	06	6.68
Apache Corporation	VR	284	VR	264	G/C	ACT	06	6.18
Apache Corporation	HI	196	HI	176	BLKG	ACT	04	5.05
Apache Corporation	HI	A 237	HI	A 126	BLKG	OUT	04	4.67
Apache Corporation	HI	A 237	HI	A 126	BLKG	ACT	04	4.67
Apache Corporation	HI	A 237	HI	A 126	BLKG	ACT	04	4.67
Apache Corporation	HI	176	HI	140	GAS	ACT	10	4.42
Apache Corporation	HI	A 171	HI	A 173	BLKG	ACT	04	3.56
Apache Corporation	HI	A 171	HI	A 173	BLKG	ACT	04	3.46
Apache Corporation	VR	107	VR	117	BLKG	ACT	04	3.34
Apache Corporation	HI	A 280	HI	A 287	BLKG	ACT	06	3.29
Apache Corporation	HI	A 127	HI	A 126	BLKG	ACT	04	3.19
Apache Corporation	HI	A 314	HI	A 313	BLKG	ACT	04	3.07
Apache Corporation	HI	A 314	HI	A 313	BLKG	OUT	04	3.07
Apache Corporation	HI	A 314	HI	A 313	BLKG	ACT	04	2.96
Apache Corporation	VR	112	VR	131	BLKG	ACT	03	2.54
Apache Corporation	VR	112	VR	131	BLKG	ACT	03	2.54
Apache Corporation	VR	257	VR	266	BLKG	ACT	06	2.15
Apache Corporation	HI	A 313	HI	A 313	BLKG	ACT	04	1.88
Apache Corporation	HI	A 313	HI	A 313	BLKG	ACT	04	1.88
Apache Corporation	HI	A 313	HI	A 313	BLKG	ACT	04	1.88
Apache Corporation	HI	A 172	HI	A 173	BLKG	ACT	04	1.85
Apache Corporation	HI	A 172	HI	A 173	BLKG	ACT	04	1.60
Apache Corporation	VR	325	VR	325	G/C	ACT	06	1.31
Apache Corporation	WC	379	WC	379	BLKG	OUT	04	1.22
Apache Corporation	WC	379	WC	379	BLKG	ACT	04	1.03
Apache Corporation	WC	628	WC	629	G/C	ACT	06	0.93
Apache Corporation	WC	607	WC	607	G/C	ACT	08	0.84
Apache Corporation	HI	A 172	HI	A 173	BLKG	ACT	04	0.75
Apache Corporation c/	HI	A 69	HI	157	GAS	OUT	12	31.51
Apache Corporation c/	HI	261	HI	231	GAS	ACT	08	9.24
Apache Corporation c/	HI	157	HI	109	GAS	ACT	12	6.74
Apache Corporation c/	VR	61	VR	60	G/C	ACT	04	2.96
Apache Corporation c/	VR	41	VR	61	BLKG	ACT	03	2.85
Apache Corporation c/	WC	240	WC	239	G/C	ACT	06	1.63
Apache Corporation c/	HI	A 537	HI	A 537	GAS	ACT	06	1.33
Apache Corporation c/	HI	A 69	HI	A 69	G/C	OUT	06	0.13
Apache Oil & Gas Transmission	WC	379	WC	370	G/C	CNCL	06	6.23
Ashland Exploration	VR	116	VR	117	BLKG	R/A	04	2.37
Atlantic Richfield	WC	248	WC	238	GAS	ACT	12	4.89
Atlantic Richfield	HI	116	HI	71	G/C	ACT	16	4.46
Atlantic Richfield	WC	248	WC	248	BLKG	ACT	06	1.81
Atlantic Richfield	WC	212	WC	212	BLKG	ABN	06	1.66
Atlantic Richfield	WC	212	WC	211	GAS	ACT	10	1.64
Atlantic Richfield	HI	177	HI	177	GAS	OUT	08	1.43
Atlantic Richfield	WC	211	WC	212	BLKG	ABN	06	1.19
Atlantic Richfield	WC	205	WC	205	BLKG	ABN	06	1.14
Atlantic Richfield	WC	212	WC	212	BLKG	ABN	06	1.09
Atlantic Richfield	EC	60	EC	60	G/C	ACT	08	0.30
Atlantic Richfield	WC	153	WC	153	G/C	ACT	04	0.30
B T Operating	VR	104	VR	119	BLKG	ACT	04	1.47
B T Operating	WC	238	WC	238	BLKG	ACT	04	1.37
B T Operating	VR	104	VR	104	BLKG	ACT	04	1.31
B T Operating	VR	124	VR	119	G/O	ACT	06	0.91
B T Operating	WC	238	WC	238	BLKG	CNCL	03	0.83
B T Operating	WC	238	WC	238	BLKG	PABN	04	0.80
B T Operating	VR	104	VR	119	BLKG	ACT	06	0.65
BHP Petroleum	WC	61	WC	43	G/C	ACT	12	9.05
BHP Petroleum	WC	472	WC	498	G/C	R/A	06	6.92

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
BHP Petroleum	WC	43	WC	56	G/C	ACT	12	5.92
Black Marlin Pipeline	HI	136	HI	97	GAS	ACT	16	22.08
Black Marlin Pipeline	HI	A 6	HI	137	GAS	ACT	16	12.55
BP Exploration	HI	A 587	EB	165	BLKG	ACT	04	5.94
BP Exploration	HI	A 587	EB	165	BLKG	ACT	04	5.94
BP Exploration	WC	43	WC	56	GAS	R/A	10	5.92
BP Exploration	WC	143	WC	138	G/C	ACT	06	2.26
Brooklyn Union	EC	82	EC	83	BLKG	PROP	04	2.92
Brooklyn Union	HI	138	HI	138	G/C	ACT	06	0.18
Br. - Borneo Exploration	VR	102	EC	109	BLKG	ACT	04	2.33
Br. - Borneo Exploration	EC	2	EC	2	G/C	ACT	06	1.90
Br. - Borneo Exploration	EC	236	EC	234	BLKG	PROP	04	1.70
Br. - Borneo Exploration	WC	194	WC	194	G/C	ACT	04	0.86
Br. - Borneo Exploration	EC	2	EC	2	BLKG	ACT	04	0.78
Century Offshore	WC	368	WC	269	G/C	ACT	10	8.25
Century Offshore	WC	364	WC	368	BLKG	R/A	04	2.17
Century Offshore	WC	369	WC	368	BLKG	ABN	04	1.78
Century Offshore	WC	364	WC	364	BLKG	CNCL	04	1.32
Century Offshore	WC	368	WC	368	BLKG	ACT	04	1.31
Century Offshore	WC	365	WC	368	BLKG	ABN	04	1.30
Century Offshore	WC	368	WC	368	BLKG	ACT	04	1.04
Century Offshore	WC	368	WC	368	BLKG	CNCL	04	0.84
Century Offshore	WC	368	WC	368	BLKG	ACT	04	0.81
Century Offshore	WC	368	WC	368	BLKG	ACT	04	0.35
Century Offshore	WC	368	WC	368	BLKG	ACT	04	0.35
Chevron Pipe Line	HI	52	HI	31	G/O	OUT	04	1.39
Chevron USA	WC	198	WC	176	G/C	ACT	12	14.00
Chevron USA	VR	260	EC	270	G/C	CNCL	12	7.78
Chevron USA	WC	542	WC	564	BLKG	ACT	10	7.13
Chevron USA	WC	81	WC	116	BLKG	R/A	03	7.11
Chevron USA	WC	56	WC	45	GAS	ABN	06	6.06
Chevron USA	WC	181	WC	172	BLKG	PROP	08	4.91
Chevron USA	WC	541	WC	542	G/C	ABN	04	4.58
Chevron USA	EC	151	EC	157	G/C	ACT	08	4.42
Chevron USA	WC	555	WC	534	BLKG	OUT	04	3.86
Chevron USA	VR	260	VR	0264	GAS	ABN	12	3.55
Chevron USA	WC	91	SA	13	BLKG	R/A	06	3.52
Chevron USA	WC	530	WC	534	BLKG	R/A	03	3.35
Chevron USA	HI	A 281	HI	A 281	BLKG	CNCL	06	3.22
Chevron USA	WC	204	WC	198	BLKG	ABN	08	3.22
Chevron USA	WC	172	WC	145	SPLY	OUT	01	3.11
Chevron USA	WC	145	WC	172	BLKG	A/C	03	3.11
Chevron USA	EC	148	EC	160	BLKG	ACT	08	3.06
Chevron USA	WC	47	WC	18	GAS	ABN	03	2.84
Chevron USA	HI	A 517	HI	A 498	GAS	ACT	12	2.78
Chevron USA	WC	49	WC	48	BLKG	ABN	06	2.71
Chevron USA	WC	49	WC	48	BLKG	OUT	10	2.71
Chevron USA	WC	168	WC	149	G/C	ACT	06	2.69
Chevron USA	EC	24	EC	16	G/C	ABN	06	2.37
Chevron USA	WC	48	WC	48	BLKG	PABN	03-06	2.31
Chevron USA	WC	21	WC	20	GAS	ABN	04	2.20
Chevron USA	WC	21	WC	20	GAS	ABN	04	2.20
Chevron USA	VR	96	VR	96	G/C	ABN	06	2.18
Chevron USA	WC	542	WC	542	BLKG	ACT	03	2.13
Chevron USA	EC	148	EC	143	SPLY	ACT	02	2.01
Chevron USA	EC	143	EC	148	BLKG	ACT	04	2.01
Chevron USA	HI	128	HI	120	BLKG	ACT	06	1.99
Chevron USA	WC	173	WC	173	BLKG	OUT	10	1.89
Chevron USA	WC	48	WC	48	SPLY	OUT	01	1.89
Chevron USA	WC	552	WC	560	BLKG	PABN	04	1.74
Chevron USA	WC	19	WC	18	BLKG	PROP	01	1.61
Chevron USA	WC	180	WC	173	BLKG	ACT	10	1.52
Chevron USA	WC	181	WC	172	BLKG	ACT	06	1.51
Chevron USA	WC	172	WC	181	BLKG	ACT	03	1.51
Chevron USA	WC	564	WC	564	BLKG	ACT	08	1.45

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Chevron USA	WC	181	WC	181	BLKG	OUT	03	1.42
Chevron USA	WC	181	WC	181	BLKG	OUT	03	1.42
Chevron USA	WC	181	WC	181	BLKG	OUT	03	1.42
Chevron USA	WC	181	WC	181	SPLY	OUT	02	1.42
Chevron USA	WC	198	WC	198	BLKG	ACT	08	1.36
Chevron USA	WC	549	WC	564	BLKG	ABN	04	1.34
Chevron USA	WC	180	WC	173	BLKG	ACT	10	1.32
Chevron USA	WC	172	WC	180	BLKG	ACT	08	1.27
Chevron USA	VR	28	VR	28	BLKG	ABN	04	1.27
Chevron USA	WC	180	WC	173	BLKG	ACT	10	1.19
Chevron USA	WC	180	WC	173	BLKG	ABN	10	1.19
Chevron USA	VR	24	VR	24	G/C	ACT	12	1.17
Chevron USA	EC	160	EC	160	SPLY	OUT	01	1.14
Chevron USA	EC	160	EC	160	BLKG	OUT	03	1.14
Chevron USA	HI	140	HI	140	G/O	ABN	02	1.08
Chevron USA	HI	140	HI	140	G/O	ABN	02	1.08
Chevron USA	WC	173	WC	173	BLKG	ABN	06	1.07
Chevron USA	EC	160	EC	160	BLKG	ACT	03	1.06
Chevron USA	WC	21	WC	20	GAS	ABN	02	1.04
Chevron USA	VR	245	VR	245	GAS	OUT	02	1.04
Chevron USA	WC	48	WC	48	BLKG	OUT	03	1.02
Chevron USA	EC	128	EC	129	BLKG	PABN	03	1.01
Chevron USA	WC	172	WC	181	SPLY	OUT	02	0.99
Chevron USA	WC	173	WC	173	BLKG	OUT	03	0.98
Chevron USA	EC	17	EC	16	G/C	ABN	06	0.97
Chevron USA	EC	160	EC	160	BLKG	OUT	03	0.93
Chevron USA	EC	24	EC	16	G/C	ABN	04	0.89
Chevron USA	WC	48	WD	48	BLKG	ACT	03	0.86
Chevron USA	WC	48	WD	48	BLKG	OUT	03	0.86
Chevron USA	WC	173	WC	173	BLKG	ABN	06	0.85
Chevron USA	VR	24	VR	24	BLKG	ACT	04	0.81
Chevron USA	WC	48	WC	48	GAS	ACT	06	0.78
Chevron USA	WC	48	WC	48	GAS	OUT	14	0.76
Chevron USA	WC	48	WC	48	BLKG	ACT	06	0.76
Chevron USA	VR	214	VR	214	BLKG	ACT	06	0.76
Chevron USA	VR	214	VR	214	BLKG	ACT	06	0.76
Chevron USA	VR	245	VR	245	BLKG	OUT	02	0.72
Chevron USA	VR	245	VR	245	BLKG	ACT	02	0.72
Chevron USA	VR	245	VR	245	BLKG	OUT	02	0.72
Chevron USA	VR	245	VR	245	SPLY	ACT	02	0.72
Chevron USA	VR	245	VR	245	BLKG	OUT	02	0.72
Chevron USA	VR	24	VR	24	BLKG	OUT	04	0.71
Chevron USA	WC	48	WC	48	GAS	OUT	04	0.68
Chevron USA	WC	18	WC	19	SPLY	ABN	01	0.63
Chevron USA	EC	272	EC	272	GAS	ACT	04	0.63
Chevron USA	EC	272	EC	272	GAS	ACT	06	0.62
Chevron USA	WC	48	WC	48	GAS	OUT	06	0.62
Chevron USA	WC	28	WC	28	SPLY	ABN	01	0.61
Chevron USA	WC	28	WC	28	BLKG	ABN	03	0.61
Chevron USA	WC	48	WC	48	BLKG	ABN	06	0.59
Chevron USA	WC	48	WC	48	BLKG	ABN	04	0.57
Chevron USA	WC	48	WC	48	BLKG	ABN	04	0.53
Chevron USA	WC	17	WC	48	BLKG	OUT	03	0.51
Chevron USA	WC	48	WC	48	GAS	ACT	06	0.51
Chevron USA	WC	17	WC	48	BLKG	OUT	03	0.51
Chevron USA	WC	48	WC	48	GAS	ACT	08	0.49
Chevron USA	WC	198	WC	198	G/C	ABN	08	0.49
Chevron USA	VR	245	VR	245	G/O	ACT	04	0.47
Chevron USA	WC	48	WC	48	SPLY	ABN	02	0.46
Chevron USA	WC	48	WC	48	BLKG	ABN	03	0.46
Chevron USA	WC	48	WC	48	GAS	ACT	08	0.45
Chevron USA	WC	28	WC	28	BLKG	ABN	03	0.42
Chevron USA	WC	28	WC	28	BLKG	ABN	03	0.42
Chevron USA	VR	96	VR	96	BLKG	CNCL	03	0.41
Chevron USA	VR	24	VR	24	BLKG	ACT	04	0.38

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Western Louisiana (continued)								
Chevron USA	VR	250	VR	250	G/C	ABN	02	0.38
Chevron USA	VR	250	VR	250	G/C	ABN	02	0.38
Chevron USA	WC	21	WC	21	G/C	ABN	04	0.38
Chevron USA	WC	48	WC	48	SPLY	OUT	02	0.38
Chevron USA	WC	21	WC	21	SPLY	ABN	02	0.38
Chevron USA	WC	28	WC	28	SPLY	ABN	01	0.38
Chevron USA	VR	24	VR	24	BLKG	OUT	04	0.37
Chevron USA	EC	272	EC	272	GAS	ACT	06	0.37
Chevron USA	VR	24	VR	24	BLKG	ACT	04	0.35
Chevron USA	WC	173	WC	173	BLKG	OUT	06	0.34
Chevron USA	WC	48	WC	48	BLKG	ACT	03	0.32
Chevron USA	WC	18	WC	18	BLKG	OUT	08	0.32
Chevron USA	WC	48	WC	48	SPLY	ACT	02	0.32
Chevron USA	VR	24	VR	24	BLKG	CNCL	04	0.31
Chevron USA	VR	24	VR	24	BLKG	ACT	04	0.28
Chevron USA	VR	246	VR	246	BLKG	ABN	04	0.28
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.25
Chevron USA	WC	48	WC	48	SPLY	OUT	01	0.25
Chevron USA	WC	48	WC	48	SPLY	OUT	02	0.25
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.25
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.25
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.21
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.15
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.15
Chevron USA	EC	17	EC	16	G/C	ABN	06	0.15
Chevron USA	VR	24	VR	24	BLKG	ACT	04	0.11
Chevron USA	WC	48	WC	48	GAS	ACT	06	0.09
Chevron USA	WC	48	WC	48	BLKG	ACT	04	0.06
Chevron USA	WC	48	WC	48	GAS	OUT	08	0.06
Chevron USA	VR	96	VR	96	BLKG	ABN	04	0.06
Chevron USA	WC	48	WC	48	GAS	ACT	06	0.04
Chevron USA	EC	160	EC	160	BLKG	OUT	03	0.02
Chevron USA	WC	48	WC	48	GAS	ACT	18	0.01
Chevron USA	WC	48	WC	48	BLKG	OUT	03	0.01
Chevron USA	WC	181	WC	172	BLKG	COMB	03-06	0.00
Chevron USA	WC	172	WC	145	SPLY	COMB	01	0.00
Chevron USA	WC	48	WC	48	BLKG	COMB	06	0.00
Chevron USA	WC	145	WC	172	G/C	COMB	03	0.00
Chevron USA	WC	19	WC	18	BLKG	COMB	03	0.00
Chevron USA	WC	145	WC	172	BLKG	COMB	03	0.00
Chevron USA	WC	172	WC	172	BLKG	COMB	08	0.00
Chevron USA	WC	172	WC	172	BLKG	COMB	06	0.00
Chevron USA	WC	18	WC	18	BLKG	COMB	04	0.00
Chevron USA	WC	48	WC	48	BLKG	COMB	03	0.00
Chevron USA	WC	181	WC	172	BLKG	COMB	03	0.00
CNG Producing	HI	A 571	HI	A 546	GAS	ACT	20	7.27
CNG Producing	VR	318	VR	340	GAS	ACT	08	5.64
CNG Producing	EC	297	EC	313	G/C	ACT	12	5.40
CNG Producing	EC	299	EC	281	G/C	ACT	20	4.90
CNG Producing	EC	118	WC	235	G/C	ACT	06	4.47
CNG Producing	EC	346	EC	347	GAS	ACT	08	3.68
CNG Producing	WC	557	EC	299	GAS	ACT	08	2.62
CNG Producing	WC	566	WC	570	BLKG	ACT	04	2.11
CNG Producing	HI	A 571	HI	A 571	GAS	ACT	12	1.55
CNG Producing	EC	118	EC	118	G/C	R/A	06	1.12
CNG Producing	VR	313	VR	313	G/C	ACT	06	0.87
CNG Producing	WC	478	WC	478	GAS	ACT	06	0.54
CNG Producing	VR	313	VR	313	GAS	OUT	10	0.48
CNG Producing	VR	313	VR	313	GAS	ACT	10	0.47
CNG Producing	VR	101	VR	101	G/C	ABN	04	0.38
CNG Producing	EC	118	EC	118	GAS	ABN	04	0.36
Coastal Oil & Gas	VR	289	VR	267	GAS	ACT	08	7.30
Coastal Oil & Gas	EC	189	WC	279	G/C	ACT	08	6.37
Coastal Oil & Gas	HI	A 497	HI	A 492	GAS	ACT	08	3.72
Coastal Oil & Gas	EC	188	EC	189	BLKG	ACT	04	3.44

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Coastal Oil & Gas	VR	274	VR	289	BLKG	ACT	06	2.51
Cockrell Oil Co.	EC	201	EC	199	BLKG	PROP	04	3.88
Cockrell Oil Co.	VR	202	VR	221	BLKG	PROP	04	3.17
Cockrell Oil Co.	EC	117	EC	118	BLKG	ACT	04	3.12
Cockrell Oil Co.	EC	200	VR	221	BLKG	PROP	04	2.97
Cockrell Oil Co.	EC	24	EC	33	BLKG	ACT	04	1.71
Cockrell Oil Co.	EC	199	VR	201	G/C	ACT	06	1.31
Columbia Gulf	VR	245	VR	15	GAS	ACT	36	63.45
Columbia Gulf	WC	601	EC	273	GAS	ACT	30	30.22
Columbia Gulf	WC	485	EC	313	GAS	ACT	16	20.45
Columbia Gulf	GB	236	WC	624	G/C	ACT	16	18.57
Columbia Gulf	GB	236	WC	624	GAS	RELQ	20	18.41
Columbia Gulf	WC	617	WC	601	GAS	ACT	30	17.67
Columbia Gulf	EC	273	VR	245	GAS	ACT	30	16.93
Columbia Gulf	WC	426	WC	479	GAS	ACT	06	14.58
Columbia Gulf	WC	643	WC	601	GAS	ACT	24	10.47
Columbia Gulf	VR	144	VR	147	GAS	ACT	10	9.71
Columbia Gulf	HI	A 561	HI	A 582	GAS	ACT	10	7.51
Columbia Gulf	EC	33	EC	17	GAS	R/A	12	6.63
Columbia Gulf	VR	76	VR	26	GAS	ACT	36	6.27
Columbia Gulf	VR	267	VR	248	GAS	ACT	16	5.98
Columbia Gulf	WC	485	WC	509	GAS	ACT	12	5.44
Columbia Gulf	VR	287	VR	267	GAS	ACT	08	5.31
Columbia Gulf	VR	161	VR	180	GAS	R/A	12	5.21
Columbia Gulf	VR	57	VR	46	GAS	ACT	10	5.03
Columbia Gulf	WC	630	WC	617	GAS	ACT	20	4.26
Columbia Gulf	VR	255	VR	248	GAS	ACT	12	3.36
Columbia Gulf	WC	605	WC	606	GAS	ACT	12	2.86
Columbia Gulf	VR	187	VR	187	GAS	ACT	06	2.71
Columbia Gulf	HI	A 286	HI	A 287	BLKG	ACT	12	2.62
Columbia Gulf	WC	643	WC	643	GAS	ACT	10	2.46
Columbia Gulf	EC	23	EC	23	GAS	ACT	16	2.41
Columbia Gulf	VR	160	VR	144	G/C	ACT	08	1.86
Columbia Gulf	WC	479	WC	480	GAS	PROP	06	1.71
Columbia Gulf	WC	609	WC	617	GAS	ACT	12	1.69
Columbia Gulf	VR	267	VR	267	GAS	ACT	10	1.68
Columbia Gulf	VR	156	VR	147	GAS	ACT	08	1.65
Columbia Gulf	VR	26	VR	26	GAS	ACT	10	1.64
Columbia Gulf	HI	A 287	HI	A 280	GAS	ACT	16	1.53
Columbia Gulf	WC	593	WC	594	GAS	ACT	12	1.46
Columbia Gulf	WC	624	WC	624	GAS	PABN	08	1.26
Columbia Gulf	VR	161	VR	161	BLKG	R/A	04	1.23
Columbia Gulf	HI	A 507	HI	A 508	GAS	ACT	08	1.23
Columbia Gulf	VR	256	VR	267	GAS	ACT	10	1.04
Columbia Gulf	EC	33	EC	33	GAS	R/A	12	1.00
Columbia Gulf	EC	273	EC	272	GAS	R/A	16	0.66
Columbia Gulf	WC	595	WC	595	GAS	ACT	06	0.66
Columbia Gulf	VR	256	VR	255	GAS	ACT	10	0.59
Columbia Gulf	WC	616	WC	601	GAS	R/C	30	0.53
Columbia Gulf	WC	617	WC	617	GAS	R/A	16	0.51
Columbia Gulf	WC	507	WC	485	BLKG	ACT	06	0.40
Columbia Gulf	WC	479	WC	479	G/O	R/C	06	0.35
Columbia Gulf	WC	146	WC	146	GAS	ACT	06	0.18
Columbia Gulf	WC	479	WC	480	G/O	R/C	06	0.04
Conoco Inc	WC	66	WC	31	G/O	ACT	10	3.45
Conoco Inc	VR	21	VR	22	BLKG	ACT	06	3.22
Conoco Inc	EC	57	EC	57	BLKG	ACT	06	2.10
Conoco Inc	EC	57	EC	57	SPLY	ACT	06	2.10
Conoco Inc	VR	22	VR	22	BLKG	ACT	04	1.72
Conoco Inc	VR	22	VR	22	BLKG	ACT	04	1.72
Conoco Inc	EC	62	EC	67	G/C	ABN	10	1.52
Conoco Inc	EC	47	EC	48	G/C	OUT	12	1.36
Conoco Inc	WC	66	WC	66	G/O	ACT	08	1.33
Conoco Inc	WC	459	WC	459	BLKG	ABN	04	1.20
Conoco Inc	WC	67	WC	66	BLKG	ABN	04	1.16

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Western Louisiana (continued)								
Conoco Inc	WC	34	WC	35	G/O	ACT	08	1.04
Conoco Inc	WC	65	WC	65	BLKG	ACT	04	1.00
Conoco Inc	VR	22	VR	22	BLKG	ABN	04	0.97
Conoco Inc	VR	22	VR	22	BLKG	ABN	04	0.97
Conoco Inc	VR	22	VR	22	BLKG	ABN	04	0.97
Conoco Inc	EC	83	WC	193	G/C	ABN	04	0.97
Conoco Inc	VR	22	VR	22	BLKG	ABN	04	0.66
Conoco Inc	VR	22	VR	22	BLKG	ABN	04	0.59
Conoco Inc	VR	22	VR	22	G/C	ACT	04	0.59
Conoco Inc	WC	66	WC	66	G/O	ACT	06	0.30
Conoco Inc	EC	88	EC	88	BLKG	REM	04	0.02
Conoco Inc	EC	88	EC	88	BLKG	REM	03	0.02
Conquest Explo	VR	115	VR	115	SPLY	ABN	01	0.71
Conquest Explo	VR	115	VR	115	BLKG	ACT	03	0.71
Consolidated Gas	VR	101	VR	101	G/C	ABN	03	0.80
Davis Oil Comp	WC	199	WC	180	GAS	R/A	06	2.13
Delmar Operating	HI	207	HI	206	GAS	ACT	10	4.91
Delmar Operating	WC	518	WC	522	BLKG	R/A	06	3.83
Delmar Operating	HI	208	HI	207	GAS	ACT	04	2.97
Delmar Operating	VR	282	EC	272	G/O	ACT	06	1.17
Delmar Operating	WC	95	WC	95	BLKG	ACT	03	0.99
Delmar Operating	WC	531	WC	510	GAS	ACT	10	0.72
Delmar Operating	WC	531	WC	510	GAS	CNCL	04	0.70
Delmar Operating	EC	317	EC	317	GAS	ACT	04	0.50
Delmar Operating	WC	95	WC	95	GAS	ACT	04	0.47
Diamond Shamrock	WC	64	WC	65	GAS	R/A	06	5.35
Diamond Shamrock	WC	142	WC	178	BLKG	ACT	06	3.89
Diamond Shamrock	WC	192	WC	177	GAS	R/A	06	3.23
Diamond Shamrock	WC	178	WC	178	GAS	ABN	04	1.80
Diamond Shamrock	WC	178	WC	177	GAS	ACT	10	1.77
Diamond Shamrock	VR	45	VR	57	BLKG	OUT	06	1.76
Diamond Shamrock	WC	178	WC	178	BLKG	ACT	08	1.46
Diamond Shamrock	VR	225	VR	226	BLKG	ACT	08	1.26
Diamond Shamrock	WC	192	WC	192	BLKG	ABN	04	1.15
Diamond Shamrock	WC	178	WC	178	G/C	ACT	10	0.21
El Paso Natural	EC	237	VR	241	GAS	ACT	08	3.01
El Paso Natural	HI	A 469	HI	A 468	GAS	ACT	08	2.46
Elf	WC	146	WC	146	BLKG	OUT	04	2.18
Elf	WC	95	WC	95	BLKG	PABN	03	0.97
Elf Exploration	WC	392	WC	376	G/C	ACT	04	11.73
Elf Exploration	WC	146	WC	146	BLKG	ACT	03	1.15
Elf Exploration	WC	146	WC	146	BLKG	ACT	04	0.72
Elf Exploration	WC	167	WC	167	BLKG	ACT	05	0.49
Elf Exploration	WC	146	WC	146	BLKG	ACT	03	0.41
Elf Exploration	WC	146	WC	146	BLKG	ACT	03	0.41
Energy Development	EC	311	EC	303	G/C	ACT	08	5.13
Energy Development	HI	105	HI	105	SPLY	CNCL	02	1.17
Energy Development	HI	105	HI	98	G/C	ACT	08	1.14
Energy Development	HI	105	HI	105	BLKG	ACT	03	0.72
Energy Development	HI	105	HI	105	SPLY	ACT	02	0.72
Energy Development	VR	117	VR	117	GAS	ACT	06	0.62
Energy Development	HI	105	HI	105	SPLY	ACT	02	0.27
Energy Development	HI	105	HI	105	BLKG	ACT	03	0.27
Enron Corp	HI	199	HI	136	GAS	RELQ	10	9.82
Enron Oil & Gas	WC	491	WC	492	G/C	ACT	06	2.85
Enron Oil & Gas	EC	306	EC	290	G/C	ACT	06	2.71
Enron Oil & Gas	VR	97	VR	96	GAS	R/A	06	2.60
Enron Oil & Gas	EC	65	EC	65	GAS	ABN	08	2.24
Enron owns lease	VR	178	VR	187	G/C	ACT	12	6.11
Enron & Chieftan Intl. a/	GB	224	HI	A 384	BLKG	ACT	04	14.29
Enron & Chieftan Intl. a/	HI	134	HI	171	GAS	ACT	08	5.29
Enron & Chieftan Intl. a/	HI	A 373	HI	A 368	BLKG	ACT	04	3.48
EP Operating Ltd Partnership	GB	388	EI	315	GAS	PROP	12	54.40
ERT	WC	177	WC	177	G/C	ACT	06	0.22
Exxon Corp	HI	176	HI	176	BLKG	ACT	06	1.60

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Exxon Corp	VR	164	VR	164	G/C	ACT	06	0.48
Exxon Pipeline	VR	265	SM	6	G/O	R/A	10	42.56
Falcon	WC	425	WC	426	G/C	ACT	06	3.83
Falcon	WC	432	WC	408	G/C	ACT	04	1.71
Flash Gas & Oil	HI	A 170	HI	129	GAS	R/A	06	6.73
Flash Gas & Oil	HI	A 170	HI	A 170	BLKG	PABN	04	0.58
Flash Gas & Oil	HI	A 170	HI	A 170	BLKG	PABN	04	0.38
Florida Gas PL	SX	17	SA	10	GAS	ACT	10	2.96
Forest Oil Corp	WC	241	WC	245	GAS	R/A	08	3.04
Forest Oil Corp	VR	162	VR	161	GAS	ACT	06	1.78
Forest Oil Corp	VR	101	EC	109	BLKG	ACT	04	1.07
Forest Oil Corp	VR	101	EC	109	BLKG	ACT	06	1.02
Forest Oil Corp	EC	109	VR	101	G/C	ACT	10	0.96
Forest Oil Corp	VR	255	VR	255	BLKG	ACT	06	0.93
Forest Oil Corp	VR	255	VR	255	GAS	ACT	06	0.89
Forest Oil Corp	VR	255	VR	255	BLKG	ACT	06	0.58
Freeport McMoran	VR	162	VR	162	G/C	ACT	04	0.48
Gas Exploration Inc.	HI	A 466	HI	A 466	BLKG	OUT	06	3.31
Gas Exploration Inc.	WC	212	WC	212	BLKG	ACT	06	2.30
Gas Exploration Inc.	EC	14	EC	14	BLKG	ACT	04	1.21
Gas Exploration Inc.	EC	14	EC	14	BLKG	ACT	03	0.59
Gas Exploration Inc.	WC	212	WC	212	BLKG	A/C	06	0.19
Gas Transportation	EC	14	EC	14	GAS	ABN	04	1.21
Gas Transportation	EC	14	EC	14	GAS	ABN	08	1.21
Gas Transportation	EC	14	EC	14	BLKG	ABN	03	0.59
Gas Transportation	EC	14	EC	14	BLKG	ABN	03	0.59
Gas Transportation	EC	14	EC	14	BLKG	ABN	04	0.51
Gas Transportation	EC	14	EC	14	BLKG	ABN	04	0.47
General Atlantic	HI	A 560	HI	A 562	G/C	ACT	08	4.78
General Atlantic	HI	93	HI	92	G/C	ACT	06	3.52
General Atlantic	WC	266	WC	269	GAS	R/A	06	2.44
General Atlantic	VR	52	VR	52	BLKG	ABN	04	2.15
General Atlantic	VR	52	VR	52	BLKG	ABN	04	2.15
General Atlantic	VR	72	VR	72	GAS	ABN	04	0.98
General Atlantic	WC	266	WC	265	SPLY	ABN	02	0.74
General Atlantic	WC	265	WC	266	BLKG	ABN	04	0.74
General Atlantic	VR	52	VR	52	BLKG	ABN	02	0.41
General Atlantic	VR	52	VR	52	BLKG	ABN	04	0.41
General Atlantic	VR	52	VR	52	BLKG	ABN	02	0.38
General Atlantic	VR	52	VR	52	BLKG	ABN	04	0.38
Great Western	EC	282	EC	297	BLKG	ACT	08	4.01
Great Western	EC	297	EC	298	GAS	CNCL	12	2.85
Great Western	EC	283	EC	282	BLKG	ACT	06	1.70
Great Western	EC	300	EC	297	BLKG	ACT	06	1.57
Hall-Houston Oil	EC	121	WC	250	G/C	R/A	08	10.25
Hall-Houston Oil	HI	164	HI	A 173	BLKG	CNCL	04	10.10
Hall-Houston Oil	HI	A 14	HI	A 173	BLKG	R/A	04	8.94
Hall-Houston Oil	HI	A 14	HI	A 173	BLKG	R/A	04	8.94
Hall-Houston Oil	WC	359	WC	352	BLKG	ACT	04	5.71
Hall-Houston Oil	WC	607	WC	628	BLKG	RELQ	08	5.61
Hall-Houston Oil	WC	607	WC	628	BLKG	RELQ	04	5.61
Hall-Houston Oil	WC	311	WC	313	BLKG	R/A	06	5.25
Hall-Houston Oil	WC	342	WC	352	BLKG	ACT	04	4.35
Hall-Houston Oil	WC	57	WC	45	BLKG	R/A	04	3.93
Hall-Houston Oil	WC	57	WC	45	BLKG	R/A	04	3.86
Hall-Houston Oil	HI	A 314	HI	A 313	BLKG	RELQ	04	2.96
Hall-Houston Oil	HI	A 178	HI	A 173	BLKG	OUT	04	2.95
Hall-Houston Oil	HI	A 173	HI	A 173	BLKG	OUT	04	2.47
Hall-Houston Oil	HI	A 172	HI	A 173	BLKG	OUT	04	2.26
Hall-Houston Oil	HI	196	HI	206	BLKG	RELQ	04	2.02
Hall-Houston Oil	EC	121	EC	121	BLKG	ABN	04	1.77
Hall-Houston Oil	WC	421	WC	421	BLKG	ACT	04	0.73
Hall-Houston Oil	EC	122	EC	121	BLKG	ABN	03	0.48
Hall-Houston Oil	VR	69	VR	69	BLKG	ABN	03	0.36
Hardy Oil & Gas	GB	240	GB	236	BLKG	PROP	03	11.74

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Hardy Oil & Gas	GB	240	GB	236	BLKG	PROP	03	11.74
High Island Offshore System	HI	A 264	WC	167	GAS	ACT	42	66.05
High Island Offshore System	HI	A 582	HI	A 264	GAS	ACT	30	53.71
High Island Offshore System	HI	A 573	HI	A 264	GAS	ACT	30	39.98
High Island Offshore System	HI	A 343	HI	A 264	GAS	ACT	36	26.16
High Island Offshore System	HI	A 330	HI	A 343	GAS	ACT	30	14.68
High Island Offshore System	HI	A 264	HI	A 264	G/C	ACT	36	3.03
High Island Offshore System	HI	A 582	HI	A 582	GAS	ACT	30	0.85
Houston Oil & Gas	VR	50	VR	50	BLKG	ACT	03	0.43
Houston Oil & Gas	VR	50	VR	50	BLKG	ABN	03	0.43
Houston Oil & Gas	VR	50	VR	50	BLKG	ABN	03	0.43
Hughes Eastern	WC	277	WC	277	G/C	ACT	06	0.78
Juniper Corp.	VR	39	VR	19	GAS	PROP	10	12.86
Juniper Corp.	VR	39	VR	19	GAS	ACT	08	4.73
Juniper Corp.	VR	38	VR	39	GAS	ACT	06	1.52
Juniper Corp.	VR	39	VR	19	GAS	COMB	10	0.00
Juniper Corp.	VR	39	VR	39	GAS	COMB	10	0.00
Kerr McGee Corp.	VR	114	VR	114	BLKG	ACT	06	1.92
Kerr McGee Corp.	VR	114	VR	114	BLKG	CNCL	06	1.90
Kerr McGee Corp.	HI	34	HI	22	BLKG	CNCL	04	1.57
Kerr McGee Corp.	HI	34	HI	22	BLKG	ACT	04	0.93
Kerr McGee Corp.	HI	21	HI	22	BLKG	ACT	04	0.84
Kerr McGee Corp.	HI	21	HI	22	BLKG	ACT	04	0.83
Kerr McGee Corp.	HI	22	HI	22	BLKG	ACT	04	0.76
Kerr McGee Corp.	HI	22	HI	22	BLKG	OUT	04	0.75
Kerr McGee Corp.	HI	22	HI	22	BLKG	OUT	04	0.75
Kerr McGee Corp.	EC	2	WC	33	BLKG	ABN	04	0.51
Kerr McGee Corp.	WC	100	WC	100	G/C	PABN	08	0.12
Kerr-McGee Pipeline	EC	50	EC	46	GAS	R/A	04	6.29
Kerr-McGee Pipeline	WC	132	WC	167	G/C	ACT	08	6.02
Kerr-McGee Pipeline	HI	22	HI	20	G/C	CNCL	10	4.91
Kerr-McGee Pipeline	VR	114	VR	129	G/O	RELQ	08	3.45
Kerr-McGee Pipeline	VR	114	VR	109	GAS	ACT	06	0.25
King Rock	WC	306	WC	293	G/C	PROP	08	4.37
King Rock	VR	273	VR	271	G/C	PROP	08	3.64
Koch Exploration	EC	188	EC	189	BLKG	CNCL	06	3.40
Koch Exploration	HI	A 519	HI	A 497	BLKG	ACT	04	3.30
Koch Exploration	EC	219	EC	219	BLKG	ABN	04	3.27
Koch Exploration	HI	A 497	HI	A 497	BLKG	ACT	06	1.72
Koch Exploration	HI	A 271	HI	A 271	GAS	ACT	06	1.10
Koch Exploration	EC	44	EC	44	G/C	ACT	06	0.90
Koch Exploration	EC	44	EC	44	BLKG	ABN	04	0.76
Koch Gateway	HI	A 480	HI	A 511	GAS	OUT	12	12.46
Koch Gateway	WC	331	WC	342	GAS	ACT	12	11.20
Koch Gateway	HI	A 511	HI	A 539	GAS	ACT	20	8.84
Koch Gateway	HI	A 443	HI	A 283	GAS	ACT	10	5.25
Koch Gateway	WC	352	WC	342	GAS	ACT	16	3.79
Koch Gateway	VR	381	VR	397	GAS	CNCL	12	3.70
Koch Gateway	HI	A 356	HI	A 343	GAS	ACT	12	3.55
Koch Gateway	WC	487	WC	506	G/O	R/A	16	3.30
Koch Gateway	HI	A 355	HI	A 356	GAS	ACT	12	3.24
Koch Gateway	WC	330	WC	332	GAS	R/A	12	2.94
Koch Gateway	HI	A 279	HI	A 280	GAS	ACT	12	2.40
Koch Gateway	HI	A 570	HI	A 571	GAS	ACT	10	2.14
Koch Gateway	WC	538	WC	537	G/C	ACT	06	1.26
Koch Gateway	HI	A 490	HI	A 490	GAS	ACT	08	0.48
Koch Gateway	HI	A 340	HI	A 340	GAS	ACT	12	0.46
Koch Gateway	HI	A 480	HI	A 511	GAS	R/C	12	0.33
Koch Gateway	SA	3	SA	3	GAS	ABN	12	0.27
Koch Industries	HI	A 68	HI	206	G/C	ACT	12	21.11
Koch Industries	EC	219	VR	217	GAS	ACT	08	15.01
Koch Industries	HI	A 389	HI	A 332	G/C	ACT	10	14.06
Koch Industries	HI	A 71	HI	A 68	GAS	OUT	08	9.88
Koch Industries	HI	A 523	HI	A 340	GAS	ACT	08	7.72
Koch Industries	WC	421	HI	A 218	G/C	ACT	10	5.45

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Koch Industries	EC	233	EC	219	BLKG	R/A	04	4.88
Koch Industries	EC	83	WC	192	G/C	ACT	08	2.76
Koch Industries	HI	A 523	HI	A 523	BLKG	ACT	06	2.50
Koch Industries	VR	274	VR	289	BLKG	R/A	04	2.41
Koch Industries	VR	221	VR	222	GAS	ACT	08	2.37
Koch Industries	HI	A 72	HI	A 71	BLKG	R/A	04	0.92
LL&E	HI	A 126	HI	A 270	G/C	ACT	08	20.70
LL&E	WC	554	EC	317	GAS	ACT	10	10.35
LL&E	GB	235	GB	236	BLKG	ACT	04	6.18
LL&E	VR	104	VR	101	G/C	R/A	03	5.32
LL&E	HI	A 437	HI	A 446	GAS	R/A	04	5.30
LL&E	VR	109	VR	110	GAS	ACT	12	3.98
LL&E	VR	237	VR	225	GAS	ACT	12	2.94
LL&E	HI	A 129	HI	A 126	BLKG	ACT	04	2.51
LL&E	HI	A 129	HI	A 126	BLKG	ACT	04	2.51
LL&E	VR	103	VR	120	BLKG	R/A	06	1.95
LL&E	VR	120	VR	120	G/C	OUT	06	1.75
LL&E	VR	103	VR	104	BLKG	R/A	02	1.14
LL&E	VR	226	VR	237	BLKG	ACT	08	0.85
LL&E	HI	A 154	HI	A 154	GAS	R/A	04	0.13
Marathon Oil Co	VR	369	VR	386	BLKG	PROP	04	2.73
Marathon Oil Co	EC	321	EC	321	GAS	ACT	06	1.37
McMoran Oil	VR	36	VR	25	BLKG	ABN	04	1.36
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	1.34
McMoran Oil	VR	36	VR	25	BLKG	ABN	04	1.25
McMoran Oil	VR	25	VR	25	SPLY	ABN	02	1.06
McMoran Oil	VR	25	VR	25	SPLY	ABN	02	0.91
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.91
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.66
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.66
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.61
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.60
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.57
McMoran Oil	VR	25	VR	25	SPLY	ABN	02	0.57
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.51
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.41
McMoran Oil	VR	25	VR	25	BLKG	ABN	04	0.27
McMoran Oil	VR	25	VR	25	SPLY	ABN	02	0.27
McMoran Oil	VR	25	VR	25	SPLY	ABN	01	0.23
McMoran Oil	VR	146	VR	146	GAS	ACT	06	0.09
Mesa Operating	VR	381	VR	397	GAS	R/A	06	4.17
Mesa Operating	HI	A 315	HI	A 315	BLKG	CNCL	03	2.06
Mesa Operating	EC	322	EC	323	GAS	PROP	04	1.69
Midcon	WC	45	WC	45	BLKG	ACT	04	2.03
Midcon	WC	45	WC	45	BLKG	ACT	06	2.03
Midcon	WC	45	WC	45	BLKG	ACT	08	1.88
Midcon	EC	220	EC	220	BLKG	OUT	06	1.35
Midcon	WC	21	WC	45	BLKG	ACT	04	0.57
Midcon	WC	21	WC	45	BLKG	ACT	04	0.57
Midcon	WC	56	WC	45	BLKG	ACT	02	0.40
Midcon	WC	45	WC	45	BLKG	PROP	02	0.27
Midcon	WC	45	WC	45	BLKG	ACT	02	0.15
Midcon	WC	45	WC	45	BLKG	ACT	03	0.15
Midcon	WC	45	WC	45	BLKG	ACT	03	0.04
Mobil Exploration	WC	72	EC	9	GAS	ACT	16	15.15
Mobil Exploration	EC	286	EC	286	BLKG	ACT	08	2.44
Mobil Exploration	WC	72	WC	72	BLKG	ACT	06	1.17
Mobil Exploration	WC	71	WC	71	BLKG	CNCL	08	1.14
Mobil Exploration	SA	3	SA	3	G/C	ACT	06	0.28
Mobil Oil Expl.	WC	71	WC	72	GAS	OUT	04	3.11
Mobil Oil Expl.	EC	286	EC	286	BLKG	CNCL	06	2.41
Mobil Oil Expl.	EC	286	EC	286	BLKG	ACT	04	2.40
Mobil Oil Expl.	WC	149	WC	149	BLKG	ABN	04	2.40
Mobil Oil Expl.	WC	171	WC	171	BLKG	ABN	04	1.89
Mobil Oil Expl.	EC	23	EC	17	G/O	ABN	02	1.76

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Mobil Oil Expl.	EC	24	EC	33	BLKG	ABN	04	1.74
Mobil Oil Expl.	WC	72	WC	71	BLKG	CNCL	06	1.65
Mobil Oil Expl.	VR	23	VR	23	BLKG	ABN	12	1.65
Mobil Oil Expl.	WC	618	WC	629	GAS	ACT	08	1.51
Mobil Oil Expl.	WC	71	WC	71	G/O	R/C	12	1.42
Mobil Oil Expl.	EC	64	EC	64	BLKG	ABN	04	1.42
Mobil Oil Expl.	WC	168	WC	149	G/O	ABN	04	1.39
Mobil Oil Expl.	VR	215	VR	215	GAS	ACT	06	1.33
Mobil Oil Expl.	VR	215	VR	215	GAS	ACT	03	1.33
Mobil Oil Expl.	VR	215	VR	215	BLKG	PABN	04	1.24
Mobil Oil Expl.	WC	171	WC	171	BLKG	ABN	04	1.23
Mobil Oil Expl.	EC	64	EC	64	BLKG	ABN	02	1.21
Mobil Oil Expl.	EC	64	EC	64	BLKG	ABN	02	1.21
Mobil Oil Expl.	WC	102	WC	102	BLKG	PABN	04	1.15
Mobil Oil Expl.	EC	33	EC	33	BLKG	ABN	04	1.14
Mobil Oil Expl.	EC	64	EC	64	BLKG	ABN	02	1.10
Mobil Oil Expl.	EC	64	EC	64	GAS	ABN	02	1.10
Mobil Oil Expl.	WC	72	WC	72	BLKG	ABN	08	1.09
Mobil Oil Expl.	WC	111	WC	110	BLKG	ACT	06	1.04
Mobil Oil Expl.	VR	131	VR	131	BLKG	OUT	03	0.99
Mobil Oil Expl.	EC	64	EC	64	BLKG	ACT	06	0.99
Mobil Oil Expl.	WC	71	WC	71	BLKG	CNCL	06	0.98
Mobil Oil Expl.	WC	645	WC	645	G/C	ACT	08	0.96
Mobil Oil Expl.	EC	64	EC	64	G/C	ABN	03	0.95
Mobil Oil Expl.	EC	64	EC	64	G/C	ABN	03	0.95
Mobil Oil Expl.	EC	64	EC	64	G/C	ABN	03	0.95
Mobil Oil Expl.	WC	71	WC	71	BLKG	CNCL	04	0.91
Mobil Oil Expl.	WC	71	WC	71	GAS	ACT	12	0.85
Mobil Oil Expl.	VR	131	VR	131	SPLY	ACT	02	0.85
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.85
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.85
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.85
Mobil Oil Expl.	VR	131	VR	131	BLKG	OUT	03	0.84
Mobil Oil Expl.	VR	46	VR	46	BLKG	OUT	04	0.83
Mobil Oil Expl.	WC	71	WC	71	BLKG	PABN	06	0.80
Mobil Oil Expl.	VR	131	VR	131	BLKG	ACT	03	0.80
Mobil Oil Expl.	WC	132	WC	149	BLKG	A/C	06	0.79
Mobil Oil Expl.	EC	281	EC	281	BLKG	ABN	06	0.78
Mobil Oil Expl.	WC	102	WC	102	BLKG	ACT	08	0.77
Mobil Oil Expl.	VR	131	VR	131	BLKG	OUT	02	0.76
Mobil Oil Expl.	WC	110	WC	110	BLKG	ACT	03	0.76
Mobil Oil Expl.	VR	131	VR	131	BLKG	OUT	03	0.76
Mobil Oil Expl.	VR	46	VR	46	SPLY	ACT	02	0.72
Mobil Oil Expl.	VR	46	VR	46	BLKG	ACT	04	0.72
Mobil Oil Expl.	WC	33	WC	33	GAS	ABN	08	0.72
Mobil Oil Expl.	WC	110	WC	110	BLKG	OUT	06	0.70
Mobil Oil Expl.	WC	102	WC	102	BLKG	ACT	12	0.70
Mobil Oil Expl.	VR	46	VR	46	SPLY	ACT	04	0.70
Mobil Oil Expl.	VR	46	VR	46	BLKG	ACT	03	0.69
Mobil Oil Expl.	VR	46	VR	46	SPLY	CNCL	02	0.69
Mobil Oil Expl.	EC	64	EC	64	BLKG	ABN	04	0.68
Mobil Oil Expl.	EC	14	EC	14	G/C	ABN	03	0.68
Mobil Oil Expl.	WC	71	WC	71	BLKG	ACT	06	0.66
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.66
Mobil Oil Expl.	WC	101	WC	101	BLKG	ABN	04	0.66
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.62
Mobil Oil Expl.	WC	110	WC	110	BLKG	ACT	03	0.62
Mobil Oil Expl.	EC	64	EC	64	BLKG	ACT	06	0.61
Mobil Oil Expl.	WC	102	WC	102	SPLY	CNCL	02	0.57
Mobil Oil Expl.	WC	71	WC	71	BLKG	ACT	04	0.57
Mobil Oil Expl.	WC	71	WC	71	BLKG	CNCL	04	0.57
Mobil Oil Expl.	WC	110	WC	110	BLKG	ACT	04	0.55
Mobil Oil Expl.	VR	326	VR	326	GAS	ABN	06	0.55
Mobil Oil Expl.	VR	131	VR	131	BLKG	ACT	03	0.53
Mobil Oil Expl.	VR	131	VR	131	BLKG	OUT	03	0.53

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Mobil Oil Expl.	WC	102	WC	102	BLKG	PABN	04	0.53
Mobil Oil Expl.	EC	14	EC	14	BLKG	ABN	04	0.51
Mobil Oil Expl.	VR	131	VR	131	SPLY	ACT	02	0.51
Mobil Oil Expl.	EC	81	EC	81	SPLY	CNCL	02	0.51
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.47
Mobil Oil Expl.	WC	102	WC	102	BLKG	PABN	04	0.47
Mobil Oil Expl.	WC	176	WC	176	BLKG	REM	03	0.47
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.47
Mobil Oil Expl.	WC	110	WC	110	BLKG	ACT	04	0.46
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.44
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.44
Mobil Oil Expl.	VR	23	VR	23	SPLY	ABN	03	0.44
Mobil Oil Expl.	VR	131	VR	131	BLKG	ACT	03	0.44
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.44
Mobil Oil Expl.	VR	23	VR	23	BLKG	ABN	03	0.44
Mobil Oil Expl.	WC	102	WC	102	BLKG	ACT	04	0.42
Mobil Oil Expl.	VR	131	VR	131	SPLY	ACT	02	0.41
Mobil Oil Expl.	VR	131	VR	131	SPLY	ACT	02	0.38
Mobil Oil Expl.	WC	71	WC	71	BLKG	CNCL	06	0.34
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.34
Mobil Oil Expl.	EC	64	EC	64	BLKG	OUT	06	0.34
Mobil Oil Expl.	WC	533	WC	533	BLKG	ACT	03	0.33
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.30
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.30
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.30
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	03	0.30
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.30
Mobil Oil Expl.	VR	131	VR	131	SPLY	ABN	02	0.30
Mobil Oil Expl.	VR	23	VR	23	SPLY	ABN	02	0.29
Mobil Oil Expl.	VR	23	VR	23	BLKG	ABN	04	0.29
Mobil Oil Expl.	WC	110	WC	110	BLKG	ACT	03	0.23
Mobil Oil Expl.	WC	110	WC	110	BLKG	OUT	03	0.23
Mobil Oil Expl.	VR	131	VR	131	BLKG	OUT	03	0.22
Mobil Oil Expl.	WC	533	WC	533	BLKG	ACT	03	0.20
Mobil Oil Expl.	WC	71	WC	71	GAS	ACT	08	0.15
Mobil Oil Expl.	VR	131	VR	131	SPLY	ACT	02	0.13
Mobil Oil Expl.	VR	131	VR	131	BLKG	ABN	02	0.13
Mobil Oil Expl.	VR	131	VR	131	BLKG	CNCL	02	0.13
Mobil Oil Expl.	VR	46	VR	46	SPLY	OUT	02	0.11
Mobil Oil Expl.	WC	71	WC	71	BLKG	OUT	06	0.06
Mobil Oil Expl.	WC	101	WC	101	G/C	ACT	08	0.05
Mobil Oil Expl.	WC	101	WC	101	BLKG	ACT	08	0.05
Mobil Oil Expl.	VR	131	VR	131	SPLY	COMB	02	0.00
Mobil Oil Expl.	VR	131	VR	131	SPLY	COMB	02	0.00
Mobil Oil Expl.	WC	149	WC	149	G/O	COMB	04	0.00
Mobil Oil Expl.	WC	343	WC	352	BLKG	COMB	03	0.00
Mobil Producing	HI	A 572	HI	A 573	BLKG	ACT	08	3.03
Mobil Producing	HI	A 572	HI	A 573	BLKG	ACT	06	3.03
Mobil Producing	HI	A 572	HI	A 573	BLKG	ACT	12	3.00
Mobil Producing	HI	A 573	HI	A 573	BLKG	ACT	10	1.90
Mobil Producing	HI	A 573	HI	A 573	BLKG	ACT	06	1.90
Mobil Producing	HI	A 471	HI	A 471	BLKG	ACT	06	1.56
Mobil Producing	SA	9	SA	9	BLKG	CNCL	10	0.57
Murphy Exploration	WC	539	WC	540	BLKG	R/A	06	1.98
Murphy Exploration	WC	115	WC	116	BLKG	PABN	04	1.36
Murphy Exploration	WC	188	WC	187	BLKG	ABN	06	0.69
Murphy Exploration	WC	187	WC	187	BLKG	PABN	06	0.63
Murphy Exploration	WC	187	WC	187	BLKG	PABN	06	0.24
Natural Gas Pipeline	WC	537	WC	537	GAS	ACT	12	1.54
Natural Gas Pipeline	HI	139	HI	48	GAS	ACT	16	26.27
Natural Gas Pipeline	WC	148	WC	21	GAS	ACT	36	23.67
Natural Gas Pipeline	HI	A 414	HI	A 270	GAS	ABN	08	14.17
Natural Gas Pipeline	VR	221	VR	260	GAS	ACT	12	13.14
Natural Gas Pipeline	WC	144	WC	148	GAS	ACT	24	11.36
Natural Gas Pipeline	HI	71	HI	20	GAS	ACT	16	11.00

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Natural Gas Pipeline	VR	340	VR	321	GAS	ACT	16	10.14
Natural Gas Pipeline	HI	A 474	HI	A 498	GAS	ACT	20	7.83
Natural Gas Pipeline	WC	543	WC	565	GAS	ACT	16	7.32
Natural Gas Pipeline	EC	34	EC	16	GAS	ABN	12	6.55
Natural Gas Pipeline	WC	264	WC	269	GAS	ABN	08	6.38
Natural Gas Pipeline	HI	A 273	HI	A 271	GAS	R/A	08	6.09
Natural Gas Pipeline	VR	329	VR	340	GAS	ACT	12	5.90
Natural Gas Pipeline	WC	560	WC	537	GAS	ACT	10	4.98
Natural Gas Pipeline	VR	348	VR	340	GAS	ACT	10	4.90
Natural Gas Pipeline	WC	540	WC	550	GAS	ABN	12	4.85
Natural Gas Pipeline	WC	181	WC	144	GAS	ACT	16	4.55
Natural Gas Pipeline	WC	212	WC	224	GAS	ACT	12	4.26
Natural Gas Pipeline	HI	A 472	HI	A 492	GAS	ACT	08	3.63
Natural Gas Pipeline	HI	A 317	HI	A 316	GAS	ACT	12	3.06
Natural Gas Pipeline	VR	380	VR	397	GAS	ACT	12	2.58
Natural Gas Pipeline	WC	551	WC	537	GAS	ABN	08	2.51
Natural Gas Pipeline	WC	116	WC	116	GAS	ACT	08	2.30
Natural Gas Pipeline	HI	68	HI	68	GAS	ABN	12	2.29
Natural Gas Pipeline	WC	543	WC	543	GAS	PROP	16	2.27
Natural Gas Pipeline	WC	551	WC	537	GAS	ACT	04	2.20
Natural Gas Pipeline	HI	A 342	HI	A 343	GAS	ABN	12	2.18
Natural Gas Pipeline	WC	564	WC	564	GAS	ACT	08	1.96
Natural Gas Pipeline	HI	A 349	HI	A 330	GAS	ACT	16	1.84
Natural Gas Pipeline	WC	170	WC	148	GAS	ACT	10	1.74
Natural Gas Pipeline	EC	281	EC	281	GAS	ABN	10	1.58
Natural Gas Pipeline	HI	A 330	HI	A 330	GAS	ACT	20	1.47
Natural Gas Pipeline	HI	A 343	HI	A 343	GAS	ACT	20	1.24
Natural Gas Pipeline	WC	165	WC	165	GAS	ACT	12	1.08
Natural Gas Pipeline	EC	347	EC	347	GAS	ABN	08	1.08
Natural Gas Pipeline	WC	28	WC	28	GAS	ABN	08	0.84
Natural Gas Pipeline	HI	A 489	HI	A 489	GAS	ACT	16	0.39
Natural Gas Pipeline	WC	564	WC	564	GAS	ACT	12	0.20
Natural Gas Pipeline	WC	543	WC	565	GAS	COMB	16	0.00
Nerco Oil & Gas	EC	246	EC	261	G/C	R/A	06	4.48
Nerco Oil & Gas	VR	395	VR	412	G/C	ACT	06	4.01
Nerco Oil & Gas	VR	171	VR	171	BLKG	OUT	03	1.60
Nerco Oil & Gas	VR	171	VR	171	GAS	ACT	04	0.57
Nerco Oil & Gas	VR	109	VR	109	GAS	ACT	10	0.24
Newfield Exploration	EC	330	EC	312	GAS	ACT	08	6.19
Newfield Exploration	WC	414	WC	426	G/C	ACT	06	5.41
Newfield Exploration	WC	401	WC	414	BLKG	ACT	06	3.24
Newfield Exploration	VR	355	VR	356	G/C	PROP	04	2.86
Newfield Exploration	WC	415	WC	414	GAS	CNCL	06	2.67
Newfield Exploration	VR	277	VR	287	BLKG	ACT	06	2.26
Newfield Exploration	EC	235	VR	241	BLKG	R/A	06	2.15
Newfield Exploration	EC	330	EC	330	BLKG	ACT	04	1.93
Newfield Exploration	EC	330	EC	330	BLKG	ACT	08	1.92
Newfield Exploration	EC	48	EC	48	G/C		08	0.53
Newfield Exploration	EC	48	EC	48	BLKG	ACT	04	0.39
Newfield Exploration	EC	63	EC	63	BLKG	ACT	04	0.01
Newfield Exploration	EC	63	EC	63	BLKG	ACT	04	0.01
Nippon Oil Expl USA Ltd	EC	138	WC	262	G/C	PROP	08	7.29
Nippon Oil Expl USA Ltd	EC	138	EC	138	BLKG	PROP	04	2.83
Norcen b/	VR	84	VR	77	GAS	ACT	08	8.50
Norcen b/	VR	86	VR	86	BLKG	ABN	03	0.85
Norcen b/	VR	86	VR	86	BLKG	OUT	02	0.51
Norcen Exploration	WC	69	WC	69	G/C	ACT	06	0.60
Northern Natural Gas	WC	222	WC	192	GAS	ACT	16	13.10
Northern Natural Gas	WC	238	WC	222	GAS	R/A	12	7.10
Northern Natural Gas	HI	199	HI	171	GAS	ACT	08	6.90
Northern Natural Gas	WC	239C	WC	238	GAS	R/A	08	3.80
Northern Natural Gas	WC	215	WC	122	GAS	ACT	10	3.35
Northern Natural Gas	WC	238	WC	238	GAS	ACT	04	0.80
Northern Natural Gas	WC	238	WC	238	GAS	ACT	04	0.40
Northern Natural Gas	WC	238A	WC	238	GAS	ACT	10	0.20

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Oklahoma Gas	HI	167	WC	293	G/C	ACT	12	12.87
Oklahoma Gas	HI	166	HI	167	G/C	ACT	08	2.97
Oklahoma Gas	HI	120	HI	128	G/C	ACT	08	1.19
Omega Pipeline	HI	A 173	WC	342	G/C	ACT	12	18.78
Omega Pipeline	HI	A 183	HI	A0176	G/C	R/A	06	0.88
Oryx Energy Co.	HI	A 9	HI	A 6	BLKG	ACT	04	3.87
Oryx Energy Co.	HI	A 385	HI	A 379	BLKG	ACT	06	3.50
Oryx Energy Co.	HI	129	HI	129	BLKG	OUT	04	2.63
Oryx Energy Co.	HI	129	HI	129	BLKG	OUT	04	2.18
Oryx Energy Co.	HI	129	HI	129	G/C	ACT	08	1.91
Oryx Energy Co.	HI	129	HI	129	BLKG	O/C	04	1.75
Oryx Energy Co.	VR	320	VR	320	BLKG	ACT	04	1.74
Oryx Energy Co.	HI	129	HI	129	G/C	ABN	04	1.57
Oryx Energy Co.	HI	129	HI	129	SPLY	ABN	02	1.57
Oryx Energy Co.	HI	A 327	HI	A 327	BLKG	ACT	04	1.51
Oryx Energy Co.	HI	129	HI	129	BLKG	ACT	03	1.31
Oryx Energy Co.	HI	A 370	HI	A 370	BLKG	OUT	03	1.02
Oryx Energy Co.	HI	A 384	HI	A 379	BLKG	ACT	08	0.88
Oryx Energy Co.	HI	A 379	HI	A 384	GAS	ACT	08	0.86
Oryx Energy Co.	HI	130	HI	129	BLKG	R/A	04	0.80
Oryx Energy Co.	HI	129	HI	129	BLKG	OUT	04	0.74
Oryx Energy Co.	HI	129	HI	129	BLKG	CNCL	03	0.45
Oryx Energy Co.	HI	129	HI	129	GAS	ABN	02	0.44
Oryx Energy Co.	HI	129	HI	129	G/C	ABN	04	0.44
Oryx Energy Co.	HI	129	HI	129	GAS	OUT	06	0.09
Pelican Interstate	WC	165	WC	19	GAS	ACT	16	24.51
Pelican Interstate	WC	229	WC	165	GAS	ACT	12	23.48
Pelican Interstate	HI	129	WC	165	GAS	ACT	12	16.50
Pelican Interstate	HI	A 14	WC	117	GAS	ACT	10	11.93
Pelican Interstate	WC	289	WC	165	GAS	ACT	06	5.11
Pelican Interstate	WC	294	WC	289	GAS	ACT	12	3.31
Pelican Interstate	WC	118	WC	117	GAS	ACT	04	1.52
Pelican Interstate	WC	225	WC	225	GAS	ACT	04	0.53
Pelican Interstate	WC	225	WC	225	GAS	ACT	04	0.32
Pelto Oil Company	HI	105	HI	98	GAS	CNCL	08	1.30
Pennzoil Co	HI	A 499	HI	A 489	BLKG	ACT	06	7.89
Pennzoil Co	WC	587	WC	587	BLKG	ACT	08	2.64
Pennzoil Co	WC	252	WC	253	BLKG	ACT	03	2.24
Pennzoil Co	HI	A 325	HI	A 325	BLKG	OUT	06	1.92
Pennzoil Co	HI	A 325	HI	A 325	BLKG	OUT	08	1.83
Pennzoil Co	HI	A 325	HI	A 325	BLKG	OUT	06	1.03
Pennzoil Exploration	WC	291	WC	165	BLKG	ACT	06	3.30
Pennzoil Exploration	HI	140	HI	140	BLKG	ACT	06	1.95
Pennzoil Petroleum	WC	409	WC	262	G/C	ACT	12	17.74
Pennzoil Petroleum	WC	597	WC	560	G/C	PABN	06	9.97
Pennzoil Petroleum	WC	292	WC	165	BLKG	OUT	08	4.21
Pennzoil Petroleum	HI	140	HI	108	G/O	OUT	06	4.00
Pennzoil Petroleum	WC	575	WC	560	G/C	ACT	06	3.53
Pennzoil Petroleum	HI	140	HI	140	BLKG	PABN	04	2.10
Pennzoil Petroleum	HI	140	HI	140	SPLY	ACT	02	1.72
Pennzoil Petroleum	HI	140	HI	140	BLKG	ACT	03	1.72
Pennzoil Petroleum	WC	291	WC	165	BLKG	ACT	06	1.59
Pennzoil Petroleum	WC	165	WC	165	BLKG	ACT	04	1.52
Pennzoil Petroleum	WC	165	WC	165	G/C	OUT	04	1.46
Pennzoil Petroleum	HI	140	HI	140	BLKG	ACT	03	1.42
Pennzoil Petroleum	HI	140	HI	140	SPLY	ACT	02	1.42
Pennzoil Petroleum	WC	165	WC	165	G/C	OUT	04	1.23
Pennzoil Petroleum	WC	165	WC	165	BLKG	ACT	04	1.00
Pennzoil Petroleum	WC	20	WC	20	BLKG	ACT	04	0.95
Pennzoil Petroleum	WC	20	WC	20	BLKG	ACT	04	0.95
Pennzoil Petroleum	WC	165	WC	165	G/C	OUT	04	0.90
Pennzoil Petroleum	WC	165	WC	165	G/C	OUT	04	0.87
Pennzoil Petroleum	WC	553	WC	560	BLKG	ACT	04	0.82
Pennzoil Petroleum	HI	52	HI	53	SPLY	ACT	02	0.62
Pennzoil Petroleum	HI	53	HI	52	BLKG	ACT	03	0.62

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Pennzoil Petroleum	WC	20	WC	21	SPLY	PABN	02	0.47
Pennzoil Petroleum	WC	21	WC	20	G/O	PABN	04	0.47
Pennzoil Petroleum	WC	292	WC	292	BLKG	REM	04	0.01
Petsec Energy	WC	544	WC	543	GAS	ACT	10	0.80
PG&E	WC	228	WC	315	G/C	ACT	06	6.85
PG&E	WC	313	WC	314	GAS	ACT	08	3.91
PG&E	VR	153	SM	15	GAS	RELQ	06	3.38
PG&E	VR	266	VR	265	GAS	ACT	04	2.60
PG&E	EC	234	VR	241	G/C	ACT	06	2.18
PG&E	WC	163	WC	289	GAS	ACT	08	2.11
PG&E	WC	247	WC	239	GAS	ACT	04	1.81
PG&E	WC	314	WC	314	GAS	ACT	08	1.78
PG&E	WC	226	WC	228	BLKG	ACT	04	1.63
PG&E	WC	315	WC	314	BLKG	ACT	08	0.90
PG&E Resources	HI	86	HI	48	GAS	R/A	06	8.38
PG&E Resources	EC	267	EC	276	GAS	R/A	06	2.67
PG&E Resources	WC	318	WC	314	GAS	PABN	04	1.61
PG&E Resources	WC	226	WC	226	BLKG	ACT	04	1.25
PG&E Resources	WC	312	WC	312	BLKG	ACT	04	1.14
PG&E Resources	WC	304	WC	313	BLKG	OUT	04	1.11
PG&E Resources	WC	406	WC	406	G/C	ACT	06	0.92
PG&E Resources	WC	315	WC	315	BLKG	ACT	06	0.89
PG&E Resources	WC	312	WC	312	BLKG	ACT	04	0.82
PG&E Resources	WC	163	WC	163	BLKG	ACT	04	0.81
PG&E Resources	WC	289	WC	289	GAS	ACT	08	0.81
PG&E Resources	WC	312	WC	313	BLKG	ACT	04	0.63
PG&E Resources	VR	148	VR	148	G/C	ACT	06	0.07
Phillips Petroleum	GB	70	VR	386	BLKG	ACT	06	13.08
Phillips Petroleum	VR	386	VR	372	G/C	PROP	08	11.18
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	2.46
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	2.46
Phillips Petroleum	WC	45	WC	20	G/O	ACT	08	2.11
Phillips Petroleum	WC	45	WC	45	G/O	CNCL	02	1.72
Phillips Petroleum	WC	45	WC	45	BLKG	COMB	06	1.70
Phillips Petroleum	HI	A 309	HI	A 309	BLKG	ACT	03	1.51
Phillips Petroleum	HI	A 309	HI	A 309	BLKG	ACT	03	1.51
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.48
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.48
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.48
Phillips Petroleum	WC	56	WC	45	BLKG	REM	06	1.33
Phillips Petroleum	WC	56	WC	45	BLKG	REM	06	1.33
Phillips Petroleum	WC	56	WC	45	BLKG	PABN	02	1.29
Phillips Petroleum	WC	56	WC	45	BLKG	PABN	02	1.29
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.19
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.19
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.19
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	1.19
Phillips Petroleum	WC	118	SA	13	G/O	ACT	03	1.11
Phillips Petroleum	HI	154	HI	154	BLKG	ACT	03	1.09
Phillips Petroleum	HI	154	HI	154	SPLY	ACT	02	1.09
Phillips Petroleum	HI	154	HI	154	BLKG	ACT	03	1.09
Phillips Petroleum	WC	45	WC	45	BLKG		02	0.89
Phillips Petroleum	WC	45	WC	45	BLKG		02	0.89
Phillips Petroleum	WC	45	WC	45	BLKG	REM	04	0.80
Phillips Petroleum	WC	21	WC	45	BLKG	PABN	02	0.80
Phillips Petroleum	WC	45	WC	21	BLKG	PABN	02	0.80
Phillips Petroleum	WC	45	WC	45	BLKG	REM	04	0.80
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.78
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.78
Phillips Petroleum	HI	154	HI	154	G/C	O/C	03	0.74
Phillips Petroleum	WC	118	WC	118	BLKG	PABN	03	0.74
Phillips Petroleum	WC	118	WC	118	BLKG	ACT	03	0.72
Phillips Petroleum	WC	118	WC	118	SPLY	ACT	02	0.72
Phillips Petroleum	WC	118	WC	118	BLKG	ACT	03	0.72
Phillips Petroleum	HI	154	HI	154	G/C	OUT	03	0.70

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Western Louisiana (continued)								
Phillips Petroleum	WC	56	WC	45	BLKG	CNCL	02	0.68
Phillips Petroleum	WC	56	WC	45	BLKG	CNCL	02	0.68
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.68
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.68
Phillips Petroleum	WC	56	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	56	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	56	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	56	WC	45	BLKG	REM	02	0.61
Phillips Petroleum	WC	118	WC	118	BLKG	ACT	03	0.59
Phillips Petroleum	WC	118	WC	118	SPLY	ACT	02	0.59
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.57
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.57
Phillips Petroleum	WC	118	WC	118	BLKG	CNCL	03	0.49
Phillips Petroleum	WC	118	WC	118	BLKG	CNCL	03	0.49
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.42
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.42
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.42
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.42
Phillips Petroleum	WC	118	WC	118	BLKG	ACT	03	0.41
Phillips Petroleum	WC	118	WC	118	SPLY	ACT	02	0.41
Phillips Petroleum	WC	118	WC	118	BLKG	ACT	03	0.41
Phillips Petroleum	WC	21	WC	45	BLKG	REM	03	0.40
Phillips Petroleum	WC	45	WC	21	SPLY	REM	02	0.40
Phillips Petroleum	WC	45	WC	44	SPLY	ABN	02	0.38
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.38
Phillips Petroleum	WC	56	WC	56	SPLY	REM	02	0.38
Phillips Petroleum	WC	44	WC	45	BLKG	CNCL	04	0.38
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.38
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.38
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.34
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.34
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.34
Phillips Petroleum	WC	56	WC	56	BLKG	REM	02	0.34
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.32
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.32
Phillips Petroleum	WC	45	WC	45	BLKG	REM	02	0.28
Phillips Petroleum	WC	45	WC	45	BLKG	A/C	02	0.12
Phillips Petroleum	HI	154	HI	154	SPLY	OUT	02	0.09
Phillips Petroleum	GB	70	GB	70	BLKG	PROP	04	0.03
Phillips Petroleum	GB	70	GB	70	BLKG	PROP	04	0.03
Placid Oil Co.	HI	232	HI	232	G/C	ABN	06	0.92
Race Holding	VR	119	VR	27	G/O	ACT	08	30.17
Roberts & Bunc	HI	A 282	HI	A 270	BLKG	PROP	08	2.83
Roberts & Bunc	HI	A 486	HI	A 477	BLKG	ACT	06	2.03
Roberts & Bunc	HI	A 270	HI	A 270	G/C	PROP	10	0.96
Roberts & Bunc	HI	A 270	HI	A 270	GAS	ACT	10	0.93
Sabine Pipe Line	WC	547	WC	565	G/C	R/A	12	4.84
Sabine Pipe Line	WC	536	WC	529	G/C	ACT	10	2.41
Sabine Pipe Line	EC	278	EC	278	G/C	ACT	08	0.34
Samedan Oil	HI	A 417	HI	A 270	BLKG	ACT	06	8.32
Samedan Oil	VR	161	VR	164	GAS	ACT	10	6.04
Samedan Oil	EC	215	EC	222	GAS	R/C	06	5.94
Samedan Oil	VR	332	VR	315	BLKG	PROP	06	5.65
Samedan Oil	VR	332	VR	315	BLKG	PROP	08	5.65
Samedan Oil	VR	167	VR	146	GAS	ACT	04	4.92
Samedan Oil	EC	226	WC	458	BLKG	ACT	04	4.57
Samedan Oil	WC	459	WC	458	BLKG	ACT	04	3.72
Samedan Oil	WC	433	WC	458	BLKG	ACT	04	3.63
Samedan Oil	WC	433	WC	458	BLKG	ACT	04	3.63
Samedan Oil	WC	458	WC	456	G/C	ACT	08	3.43
Samedan Oil	WC	457	WC	458	BLKG	ACT	04	2.65

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Samedan Oil	WC	290	WC	289	BLKG	ACT	06	2.57
Samedan Oil	EC	215	EC	215	BLKG	ABN	06	2.46
Samedan Oil	WC	445	HI	A 244	BLKG	ACT	04	1.63
Samedan Oil	HI	A 281	HI	A 270	BLKG	ACT	06	1.58
Samedan Oil	EC	215	EC	215	BLKG	ABN	06	1.45
Samedan Oil	EC	222	EC	222	BLKG	ACT	06	1.20
Samedan Oil	EC	66	EC	66	BLKG	ACT	04	1.00
Samedan Oil	WC	457	WC	458	BLKG	A/C	04	0.26
Samedan Oil	HI	A 547	HI	A 547	G/C	PROP	10	0.21
Sandefer Offshore	WC	44	WC	44	GAS	ACT	10	0.40
Santa Fe Energy	HI	A 442	HI	A 283	GAS	PROP	06	4.29
Santa Fe Energy	WC	141	WC	178	BLKG	PROP	04	4.06
Santa Fe Energy	EC	36	EC	38	BLKG	ACT	06	3.35
Santa Fe Energy	WC	285	WC	284	GAS	ACT	06	2.43
Santa Fe Energy	WC	379	WC	379	BLKG	ACT	04	0.49
Santa Fe Energy	VR	249	VR	249	GAS	ACT	04	0.32
Scana Petroleum	VR	217	VR	218	BLKG	ACT	04	1.14
Scana Petroleum	VR	218	VR	217	BLKG	ACT	02	1.14
Sea Robin Pipeline	VR	149	SM	209	GAS	ACT	36	39.33
Sea Robin Pipeline	EC	195	VR	149	GAS	ACT	30	34.61
Sea Robin Pipeline	EC	265	EC	195	GAS	ACT	24	22.49
Sea Robin Pipeline	EC	334	EC	265	G/O	ACT	30	21.05
Sea Robin Pipeline	EC	270	EC	265	GAS	ACT	20	12.50
Sea Robin Pipeline	VR	228	VR	190	GAS	ACT	12	11.14
Sea Robin Pipeline	VR	190	SM	15	GAS	ACT	12	8.29
Sea Robin Pipeline	EC	332	EC	317	G/C	PROP	16	6.51
Sea Robin Pipeline	EC	38	VR	22	GAS	ACT	06	5.96
Sea Robin Pipeline	VR	175	VR	190	G/C	ACT	04	4.63
Sea Robin Pipeline	WC	563	WC	550	GAS	ACT	12	3.94
Sea Robin Pipeline	EC	229	EC	230	GAS	ACT	06	3.52
Sea Robin Pipeline	EC	261	EC	265	G/C	ACT	12	2.76
Sea Robin Pipeline	EC	231	EC	230	GAS	ACT	10	2.68
Sea Robin Pipeline	EC	335	EC	334	GAS	ACT	20	2.12
Sea Robin Pipeline	EC	185	EC	0197	GAS	ACT	08	1.87
Sea Robin Pipeline	EC	335	EC	335	GAS	ACT	10	1.78
Sea Robin Pipeline	EC	270	EC	270	GAS	ACT	16	1.46
Sea Robin Pipeline	EC	231	EC	231	GAS	ACT	10	1.43
Sea Robin Pipeline	WC	586	WC	595	GAS	ACT	12	1.40
Sea Robin Pipeline	EC	231	EC	231	BLKG	ACT	08	1.39
Sea Robin Pipeline	EC	270	EC	265	GAS	R/C	20	0.65
Sea Robin Pipeline	EC	278	EC	265	GAS	ACT	08	0.45
Sea Robin Pipeline	EC	265	EC	265	G/O	ACT	12	0.41
Sea Robin Pipeline	EC	265	EC	265	G/O	R/C	12	0.15
Seneca Resources	WC	552	WC	527	G/C	ACT	10	7.71
Seneca Resources	VR	296	VR	289	BLKG	ACT	04	6.57
Seneca Resources	EC	149	EC	160	G/C	ACT	06	3.05
Seneca Resources	WC	293	WC	294	BLKG	ACT	04	1.56
Seneca Resources	WC	293	WC	294	BLKG	ACT	04	1.56
Seneca Resources	WC	229	WC	229	BLKG	ACT	04	0.33
Seneca Resources	WC	230	WC	230	G/C	ACT	08	0.19
Shell Gas Pipeline	GB	426	VR	397	GAS	ACT	12	35.20
Shell Offshore	HI	194	HI	179	BLKG	ACT	06	5.67
Shell Offshore	VR	221	VR	223	BLKG	ABN	06	4.91
Shell Offshore	VR	223	VR	221	BLKG	ABN	06	4.89
Shell Offshore	VR	182	VR	200	BLKG	PROP	04	3.30
Shell Offshore	VR	182	VR	200	BLKG	PROP	08	3.30
Shell Offshore	VR	370	VR	369	BLKG	ACT	06	3.04
Shell Offshore	VR	302	VR	321	BLKG	OUT	02	2.56
Shell Offshore	VR	302	VR	321	BLKG	OUT	02	2.56
Shell Offshore	HI	161	HI	136	BLKG	ACT	08	2.46
Shell Offshore	HI	161	HI	136	BLKG	ACT	08	2.40
Shell Offshore	VR	302	VR	321	BLKG	ACT	08	2.39
Shell Offshore	HI	A 6	HI	A 6	BLKG	ACT	08	2.34
Shell Offshore	EC	82	EC	82	BLKG	ABN	06	2.27
Shell Offshore	HI	135	HI	136	BLKG	ACT	04	2.18

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Shell Offshore	VR	182	VR	182	BLKG	PROP	08	2.13
Shell Offshore	HI	160	HI	136	BLKG	OUT	04	2.08
Shell Offshore	VR	178	VR	178	BLKG	PROP	06	1.43
Shell Offshore	EC	82	EC	82	BLKG	ABN	04	1.35
Shell Offshore	EC	82	EC	82	BLKG	ABN	02	1.34
Shell Offshore	EC	82	EC	82	BLKG	ABN	04	1.34
Shell Offshore	VR	144	VR	144	BLKG	ACT	06	1.32
Shell Offshore	HI	135	HI	136	BLKG	ABN	03	1.23
Shell Offshore	HI	135	HI	136	BLKG	ABN	03	1.23
Shell Offshore	EC	82	EC	82	BLKG	ABN	06	1.23
Shell Offshore	HI	136	HI	136	BLKG	ACT	04	1.14
Shell Offshore	HI	136	HI	136	BLKG	PABN	03	1.04
Shell Offshore	HI	136	HI	136	BLKG	PABN	03	1.04
Shell Offshore	WC	65	WC	65	BLKG	ACT	06	1.01
Shell Offshore	EC	82	EC	82	BLKG	ABN	04	1.00
Shell Offshore	HI	160	HI	161	BLKG	ACT	03	0.95
Shell Offshore	HI	160	HI	161	BLKG	CNCL	04	0.93
Shell Offshore	VR	22	VR	22	G/C	CNCL	04	0.83
Shell Offshore	VR	22	VR	22	G/C	CNCL	04	0.83
Shell Offshore	VR	22	VR	22	G/C	CNCL	04	0.83
Shell Offshore	HI	135	HI	136	BLKG	ABN	03	0.80
Shell Offshore	HI	135	HI	136	BLKG	ACT	03	0.76
Shell Offshore	HI	135	HI	136	BLKG	PABN	04	0.76
Shell Offshore	HI	135	HI	136	BLKG	OUT	04	0.76
Shell Offshore	HI	160	HI	161	BLKG	ABN	03	0.57
Shell Offshore	EC	82	EC	82	BLKG	ABN	04	0.57
Shell Offshore	EC	82	EC	82	BLKG	ABN	04	0.49
Shell Offshore	SX	40	SA	10	BLKG	ACT	04	0.48
Shell Offshore	HI	161	HI	161	BLKG	ACT	03	0.38
Shell Offshore	HI	160	HI	160	BLKG	PROP	08	0.37
Shell Offshore	EC	82	EC	82	BLKG	ABN	04	0.36
Shell Offshore	HI	160	HI	160	BLKG	PROP	08	0.34
Shell Offshore	HI	136	HI	136	BLKG	ACT	03	0.28
Shell Offshore	HI	135	HI	136	BLKG	ACT	03	0.28
Shell Offshore	EC	82	EC	82	BLKG	ABN	03	0.25
Shell Offshore	HI	161	HI	161	BLKG	ACT	03	0.24
Shell Offshore	HI	161	HI	161	BLKG	PABN	03	0.24
Shell Offshore	HI	161	HI	161	BLKG	ACT	03	0.24
Shell Offshore	HI	161	HI	161	BLKG	PABN	03	0.23
Sonat Exploration	WC	333	WC	235	G/C	ACT	14	23.87
Sonat Exploration	WC	370	WC	269	G/C	ACT	10	13.60
Sonat Exploration	EC	31	EC	32	BLKG	OUT	03	3.55
Sonat Exploration	WC	369	WC	370	BLKG	OUT	03	2.37
Sonat Exploration	WC	369	WC	370	BLKG	ACT	03	2.37
Sonat Exploration	EC	23	EC	23	BLKG	OUT	04	2.29
Sonat Exploration	EC	232	EC	239	SPLY	ABN	04	2.25
Sonat Exploration	WC	331	WC	332	BLKG	ACT	04	2.09
Sonat Exploration	EC	223	EC	231	BLKG	ACT	03	2.08
Sonat Exploration	WC	132	WC	149	BLKG	ACT	04	1.96
Sonat Exploration	WC	343	WC	352	BLKG	ACT	03	1.87
Sonat Exploration	SA	9	SA	9	BLKG	ACT	06	1.84
Sonat Exploration	EC	23	EC	23	BLKG	OUT	04	1.76
Sonat Exploration	WC	343	WC	352	BLKG	ACT	04	1.69
Sonat Exploration	WC	343	WC	352	BLKG	ACT	04	1.69
Sonat Exploration	EC	46	EC	46	BLKG	ACT	03	1.57
Sonat Exploration	EC	46	EC	46	BLKG	ACT	06	1.56
Sonat Exploration	EC	232	EC	231	BLKG	ACT	04	1.54
Sonat Exploration	EC	46	EC	46	BLKG	OUT	06	1.53
Sonat Exploration	EC	45	EC	46	BLKG	ACT	03	1.47
Sonat Exploration	SA	9	SA	9	BLKG	ACT	04	1.46
Sonat Exploration	SA	9	SA	9	SPLY	OUT	02	1.46
Sonat Exploration	EC	33	EC	24	BLKG	PROP	06	1.36
Sonat Exploration	WC	132	WC	149	BLKG	ACT	04-06	1.10
Sonat Exploration	EC	231	EC	231	BLKG	ACT	04	0.95
Sonat Exploration	HI	A 83	HI	A 68	BLKG	ACT	04	0.86

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Western Louisiana (continued)								
Sonat Exploration	EC	23	EC	23	BLKG	CNCL	03	0.85
Sonat Exploration	EC	23	EC	23	BLKG	CNCL	03	0.85
Sonat Exploration	EC	25	EC	32	BLKG	OUT	04	0.84
Sonat Exploration	EC	23	EC	23	SPLY	ACT	02	0.82
Sonat Exploration	WC	149	WC	149	BLKG	ACT	03	0.79
Sonat Exploration	EC	23	EC	23	BLKG	ACT	03	0.78
Sonat Exploration	EC	23	EC	23	BLKG	OUT	03	0.78
Sonat Exploration	WC	150	WC	149	BLKG	OUT	04	0.68
Sonat Exploration	SA	9	SA	9	BLKG	ACT	08	0.65
Sonat Exploration	SA	9	SA	9	SPLY	OUT	02	0.64
Sonat Exploration	SA	9	SA	9	BLKG	ACT	04	0.64
Sonat Exploration	HI	39	HI	39	G/C	ACT	06	0.59
Sonat Exploration	EC	81	EC	81	BLKG	OUT	03	0.53
Sonat Exploration	EC	81	EC	81	BLKG	ACT	03	0.48
Sonat Exploration	SA	9	SA	9	BLKG	ACT	04	0.45
Sonat Exploration	SA	9	SA	9	SPLY	OUT	02	0.45
Sonat Exploration	SA	9	SA	9	BLKG	ACT	04	0.45
Sonat Exploration	WC	331	WC	331	BLKG	ACT	04	0.41
Sonat Exploration	WC	331	WC	331	BLKG	CNCL	04	0.40
Sonat Exploration	EC	231	EC	231	BLKG	A/C	03	0.13
Sonat Exploration	EC	33	EC	33	BLKG	ACT	04	0.00
Sonat Oil Trans.	EC	32	EC	23	BLKG	ACT	10	4.93
Southern Natural	EC	240	EC	248	GAS	R/A	16	4.78
Southern Natural	EC	46	WC	141	GAS	ACT	12	2.65
Southland Royalty	VR	88	VR	76	GAS	R/A	06	5.02
Southland Royalty	VR	172	VR	171	GAS	ACT	06	1.84
Stingray Pipeline	WC	509	WC	148	GAS	ACT	36	71.31
Stingray Pipeline	VR	247	WC	509	GAS	ACT	20	40.71
Stingray Pipeline	VR	320	WC	509	GAS	ACT	22	28.93
Stingray Pipeline	WC	565	WC	509	GAS	ACT	30	25.43
Stingray Pipeline	EC	338	WC	509	GAS	ACT	16	24.94
Stingray Pipeline	WC	639	WC	564	GAS	ACT	18	22.38
Stingray Pipeline	VR	371	VR	321	G/C	ACT	20	15.60
Stingray Pipeline	HI	A 330	WC	564	GAS	ACT	24	14.94
Stingray Pipeline	GB	191	WC	639	G/C	ACT	16	13.38
Stingray Pipeline	VR	214	VR	247	GAS	ACT	12	11.20
Stingray Pipeline	EC	359	EC	338	G/C	ACT	10	9.33
Stingray Pipeline	WC	616	WC	587	GAS	ACT	24	7.39
Stingray Pipeline	WC	587	WC	564	G/C	ACT	24	7.08
Stingray Pipeline	EC	320	EC	320	GAS	ACT	06	0.10
Stingray Pipeline	WC	630	WC	609	GAS	ACT	16	5.46
Stingray Pipeline	WC	533	WC	510	GAS	ACT	12	4.50
Stingray Pipeline	VR	320	VR	321	GAS	ABN	12	1.97
Stingray Pipeline	WC	616	WC	587	GAS	ABN	24	0.81
Stingray Pipeline	EC	257	EC	268	GAS	ABN	08	0.62
Stingray Pipeline	EC	286	EC	286	GAS	ACT	08	0.57
Stingray Pipeline	VR	321	VR	321	GAS	ACT	12	0.60
Stingray Pipeline	WC	534	WC	531	GAS	ACT	12	0.53
Stingray Pipeline	WC	587	WC	564	GAS	ABN	24	0.51
Stingray Pipeline	WC	146	WC	146	GAS	ACT	06	0.18
Stingray Pipeline	WC	543	WC	565	GAS	ACT	16	7.30
Stingray Pipeline	GB	72	VR	371	GAS	PROP	20	15.00
Stingray Pipeline	EC	320	EC	320	GAS	ACT	08	0.13
Sun Operating	WC	648	WC	606	GAS	ACT	16	9.59
Superior Offsh	WC	149	WC	72	GAS	ACT	12	18.94
Superior Offsh	WC	102	WC	67	GAS	ACT	12	7.04
Tana Oil & Gas	HI	A 245	HI	A 244	G/C	ACT	06	4.76
Taylor Energy	VR	191	VR	191	SPLY	ACT	02	0.51
Taylor Energy	VR	191	VR	191	BLKG	ACT	04	0.51
Tejas Power Corp	VR	69	VR	76	G/C	ACT	04	5.55
Tejas Power Corp	VR	216	VR	217	BLKG	ACT	03	2.74
Tejas Power Corp. d/	VR	68	VR	67	BLKG	ACT	06	3.22
Tejas Power Corp. d/	VR	68	VR	67	BLKG	ACT	06	3.22
Tejas Power Corp. d/	VR	288	VR	289	BLKG	ACT	04	3.02
Tejas Power Corp. d/	VR	288	VR	289	BLKG	ACT	04	3.02

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Tejas Power Corp. d/	WC	236	WC	249	G/C	R/A	06	0.94
Tenneco Gas Gathering Co.	VR	200	VR	206	GAS	ACT	12	8.17
Tenneco Oil Co.	EC	213	EC	222	G/C	ACT	08	4.10
Tennessee Gas	VR	245	SS	198	GAS	ACT	30	72.03
Tennessee Gas	WC	498	EC	227	GAS	ACT	30	30.32
Tennessee Gas	WC	192	EC	2	GAS	ACT	26	24.62
Tennessee Gas	VR	191	SM	76	GAS	ACT	12	23.85
Tennessee Gas	VR	46	EC	71	G/C	ACT	12	19.77
Tennessee Gas	EC	49	EC	3	GAS	ACT	26	17.42
Tennessee Gas	EC	273	VR	245	GAS	ACT	30	16.68
Tennessee Gas	WC	135	WC	141	GAS	ACT	16	16.41
Tennessee Gas	EC	97	EC	49	GAS	R/A	16	13.82
Tennessee Gas	EC	71	EC	49	GAS	ACT	16	13.26
Tennessee Gas	SA	6	WC	19	GAS	ACT	30	12.81
Tennessee Gas	WC	192	EC	49	GAS	ACT	20	11.36
Tennessee Gas	WC	180	WC	192	GAS	R/A	12	10.42
Tennessee Gas	VR	119	VR	116	GAS	ACT	12	9.38
Tennessee Gas	VR	241	VR	245	GAS	OUT	20	9.30
Tennessee Gas	SA	13	SA	10	GAS	ACT	16	8.79
Tennessee Gas	WC	173	WC	177	GAS	ACT	20	7.95
Tennessee Gas	VR	122	VR	119	GAS	OUT	08	7.79
Tennessee Gas	EC	353	WC	601	GAS	ACT	10	7.10
Tennessee Gas	HI	22	SX	18	GAS	ACT	12	6.81
Tennessee Gas	EC	51	EC	49	GAS	ACT	06	6.16
Tennessee Gas	EC	88	EC	71	GAS	OUT	08	5.68
Tennessee Gas	EC	47	EC	49	GAS	ACT	16	5.57
Tennessee Gas	WC	66	WC	68	GAS	ACT	16	5.19
Tennessee Gas	VR	65	VR	67	GAS	ACT	04	5.18
Tennessee Gas	WC	194	WC	192	GAS	ACT	12	4.92
Tennessee Gas	EC	33	EC	16	GAS	OUT	16	4.92
Tennessee Gas	EC	81	WC	192	GAS	ACT	12	4.73
Tennessee Gas	WC	109	WC	137	G/C	ACT	08	4.64
Tennessee Gas	VR	261	VR	242	GAS	ACT	12	4.58
Tennessee Gas	SA	10	SX	18	GAS	ACT	24	4.55
Tennessee Gas	EC	48	EC	49	G/C	ACT	12	4.24
Tennessee Gas	WC	36	WC	66	GAS	ABN	04	3.91
Tennessee Gas	EC	48	EC	49	GAS	ACT	12	3.90
Tennessee Gas	WC	65	WC	66	GAS	ACT	12	3.86
Tennessee Gas	VR	271	VR	252	GAS	ACT	08	3.81
Tennessee Gas	EC	63	EC	49	GAS	ACT	16	3.79
Tennessee Gas	EC	62	EC	49	GAS	ACT	16	3.22
Tennessee Gas	WC	68	WC	33	GAS	ACT	20	3.22
Tennessee Gas	WC	201	WC	194	GAS	ACT	12	3.08
Tennessee Gas	EC	48	EC	49	GAS	OUT	12	2.99
Tennessee Gas	WC	493	WC	498	GAS	OUT	06	2.48
Tennessee Gas	WC	493	WC	498	GAS	RELQ	06	2.47
Tennessee Gas	EC	58	EC	71	GAS	OUT	06	2.43
Tennessee Gas	EC	42	EC	33	GAS	ACT	06	2.35
Tennessee Gas	EC	129	VR	122	GAS	R/A	06	2.32
Tennessee Gas	SA	11	SA	11	GAS	RELQ	06	2.26
Tennessee Gas	VR	67	VR	76	GAS	ACT	06	2.22
Tennessee Gas	VR	252	VR	250	GAS	ACT	08	2.21
Tennessee Gas	WC	192	WC	192	GAS	R/A	12	2.20
Tennessee Gas	EC	67	EC	62	GAS	ACT	16	2.07
Tennessee Gas	EC	64	EC	63	GAS	ACT	12	2.05
Tennessee Gas	EC	254	VR	281	GAS	ACT	16	2.05
Tennessee Gas	WC	192	WC	192	GAS	ACT	04	2.03
Tennessee Gas	EC	272	EC	271	GAS	ACT	16	1.99
Tennessee Gas	WC	173	WC	180	GAS	R/A	10	1.89
Tennessee Gas	EC	82	WC	192	GAS	ACT	12	1.89
Tennessee Gas	WC	194	WC	192	GAS	ACT	06	1.89
Tennessee Gas	WC	173	WC	173	GAS	R/A	16	1.88
Tennessee Gas	WC	69	WC	68	GAS	R/A	10	1.85
Tennessee Gas	VR	251	VR	250	G/C	ACT	12	1.83
Tennessee Gas	HI	A 515	HI	A 562	GAS	ACT	06	1.77

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Tennessee Gas	WC	173	WC	173	GAS	R/A	10	1.76
Tennessee Gas	HI	A 336	HI	A 343	GAS	OUT	10	1.66
Tennessee Gas	WC	638	WC	639	GAS	OUT	06	1.62
Tennessee Gas	HI	A 416	HI	A 416	GAS	ABN	06	1.62
Tennessee Gas	VR	47	VR	46	GAS	ACT	06	1.61
Tennessee Gas	EC	67	EC	62	GAS	ACT	06	1.55
Tennessee Gas	WC	177	WC	177	GAS	ACT	04	1.53
Tennessee Gas	WC	193	WC	192	GAS	R/A	12	1.42
Tennessee Gas	WC	192	WC	192	GAS	ACT	06	1.42
Tennessee Gas	EC	255	EC	254	GAS	R/A	06	1.42
Tennessee Gas	EC	280	EC	280	GAS	R/A	16	1.40
Tennessee Gas	HI	A 281	HI	A 281	GAS	R/A	10	1.39
Tennessee Gas	WC	66	WC	66	GAS	ACT	08	1.35
Tennessee Gas	VR	217	VR	217	G/C	ACT	10	1.33
Tennessee Gas	EC	66	EC	66	GAS	ACT	10	1.33
Tennessee Gas	SX	18	SX	18	GAS	OUT	10	1.31
Tennessee Gas	EC	65	WC	177	GAS	R/A	10	1.30
Tennessee Gas	WC	66	WC	65	GAS	ACT	08	1.30
Tennessee Gas	EC	33	EC	33	GAS	ACT	08	1.29
Tennessee Gas	WC	180	WC	173	GAS	RELQ	12	1.27
Tennessee Gas	EC	63	EC	63	G/O	ACT	12	1.27
Tennessee Gas	WC	34	WC	66	GAS	ACT	08	1.25
Tennessee Gas	SA	11	SA	11	GAS	PABN	12	1.24
Tennessee Gas	VR	245	VR	245	GAS	ACT	30	1.23
Tennessee Gas	EC	64	EC	64	GAS	ACT	12	1.19
Tennessee Gas	WC	192	WC	192	GAS	ACT	12	1.14
Tennessee Gas	EC	42	EC	33	GAS	ACT	08	1.13
Tennessee Gas	WC	180	WC	173	GAS	R/A	16	1.12
Tennessee Gas	WC	180	WC	180	GAS	R/A	08	1.09
Tennessee Gas	EC	66	EC	62	GAS	ACT	10	1.04
Tennessee Gas	VR	245	VR	245	GAS	ACT	08	1.03
Tennessee Gas	SA	11	SA	11	GAS	PABN	06	1.02
Tennessee Gas	WC	174	WC	179	GAS	ACT	08	1.00
Tennessee Gas	WC	180	WC	179	GAS	ACT	10	0.97
Tennessee Gas	EC	272	EC	272	GAS	R/A	06	0.95
Tennessee Gas	VR	245	VR	245	GAS	ACT	12	0.95
Tennessee Gas	WC	68	WC	68	GAS	R/A	06	0.95
Tennessee Gas	EC	83	WC	193	GAS	R/A	16	0.91
Tennessee Gas	EC	26	EC	27	GAS	R/A	04	0.88
Tennessee Gas	VR	250	VR	250	GAS	ACT	12	0.84
Tennessee Gas	VR	226	VR	225	G/C	ACT	08	0.83
Tennessee Gas	EC	281	EC	281	GAS	OUT	16	0.81
Tennessee Gas	VR	218	VR	217	GAS	ACT	06	0.80
Tennessee Gas	EC	64	WC	176	GAS	R/A	10	0.80
Tennessee Gas	SA	13	SA	13	GAS	ABN	06	0.78
Tennessee Gas	WC	494	WC	498	GAS	R/A	16	0.77
Tennessee Gas	WC	20	WC	20	GAS	ACT	08	0.76
Tennessee Gas	WC	20	WC	20	G/C	ACT	06	0.76
Tennessee Gas	WC	180	WC	180	GAS	R/A	10	0.74
Tennessee Gas	WC	179	WC	179	GAS	ACT	10	0.72
Tennessee Gas	WC	68	WC	68	GAS	R/A	08	0.68
Tennessee Gas	WC	68	WC	68	GAS	R/A	06	0.68
Tennessee Gas	WC	68	WC	68	GAS	ACT	06	0.64
Tennessee Gas	EC	33	EC	33	GAS	OUT	16	0.57
Tennessee Gas	EC	49	EC	49	GAS	ACT	12	0.57
Tennessee Gas	WC	180	WC	180	GAS	OUT	03	0.57
Tennessee Gas	EC	49	EC	49	GAS	ACT	06	0.57
Tennessee Gas	SX	18	SX	18	GAS	ACT	16	0.56
Tennessee Gas	EC	281	EC	281	GAS	ACT	16	0.55
Tennessee Gas	WC	68	WC	68	GAS	OUT	08	0.55
Tennessee Gas	WC	68	WC	68	GAS	R/A	08	0.49
Tennessee Gas	WC	192	WC	192	GAS	ACT	06	0.44
Tennessee Gas	VR	246	VR	246	GAS	ACT	08	0.42
Tennessee Gas	VR	191	VR	191	GAS	ACT	06	0.42
Tennessee Gas	WC	173	WC	173	GAS	R/A	08	0.42

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Tennessee Gas	WC	180	WC	180	GAS	R/A	12	0.38
Tennessee Gas	WC	192	WC	192	GAS	R/C	12	0.32
Tennessee Gas	WC	498	WC	498	GAS	ACT	16	0.30
Tennessee Gas	WC	216	WC	194	GAS	R/C	12	0.29
Tennessee Gas	VR	250	VR	250	G/O	OUT	12	0.27
Tennessee Gas	WC	192	WC	192	GAS	R/C	12	0.27
Tennessee Gas	WC	66	WC	66	GAS	ACT	06	0.27
Tennessee Gas	WC	67	WC	67	GAS	ACT	04	0.26
Tennessee Gas	WC	176	WC	176	GAS	R/A	12	0.23
Tennessee Gas	SX	18	SX	18	GAS	CNCL	16	0.21
Tennessee Gas	WC	493	WC	499	GAS	RELQ	16	0.19
Tennessee Gas	EC	16	EC	16	GAS	ACT	12	0.19
Tennessee Gas	EC	33	EC	33	GAS	ACT	12	0.19
Tennessee Gas	SA	10	SA	10	GAS	ACT	24	0.14
Tennessee Gas	SX	18	SX	18	GAS	ACT	24	0.12
Tennessee Gas	WC	179	WC	179	G/O	ACT	10	0.09
Tennessee Gas	SX	18	SX	18	GAS	ACT	30	0.02
Texaco Exploration	GB	189	GB	149	GAS	CNCL	12	14.67
Texaco Exploration	GB	189	GB	149	GAS	ACT	12	14.67
Texaco Exploration	VR	31	VR	31	BLKG	ACT	03	1.21
Texaco Exploration	HI	111	HI	110	BLKG	OUT	04	1.08
Texaco Inc.	VR	31	SM	207	GAS	ACT	12	10.47
Texaco Inc.	VR	57	VR	67	BLKG	ABN	03	4.60
Texaco Inc.	VR	30	VR	31	BLKG	ACT	04	2.27
Texaco Inc.	VR	31	VR	31	BLKG	CNCL	03	2.12
Texaco Inc.	VR	31	VR	31	BLKG	CNCL	03	1.51
Texaco Inc.	VR	31	VR	31	BLKG	OUT	03	1.51
Texaco Inc.	VR	31	VR	31	BLKG	CNCL	03	1.50
Texaco Inc.	VR	31	VR	31	BLKG	ACT	03	1.45
Texaco Inc.	HI	138	HI	110	BLKG	ABN	08	1.31
Texaco Inc.	VR	31	VR	31	BLKG	ACT	04	1.21
Texaco Inc.	VR	30	VR	30	BLKG	ACT	03	1.21
Texaco Inc.	VR	31	VR	31	BLKG	ABN	04	1.18
Texaco Inc.	VR	31	VR	31	BLKG	CNCL	03	1.10
Texaco Inc.	VR	31	VR	31	BLKG	CNCL	03	1.10
Texaco Inc.	WC	144	WC	144	BLKG	ABN	02	1.08
Texaco Inc.	WC	144	WC	144	BLKG	OUT	04	1.07
Texaco Inc.	VR	31	VR	31	BLKG	ACT	03	1.06
Texaco Inc.	WC	144	WC	144	BLKG	CNCL	04	1.04
Texaco Inc.	VR	31	VR	31	BLKG	ACT	03	0.82
Texaco Inc.	VR	31	VR	31	BLKG	OUT	03	0.62
Texaco Inc.	WC	144	WC	144	BLKG	ACT	03	0.58
Texaco Inc.	VR	31	VR	31	BLKG	ACT	03	0.51
Texaco Inc.	VR	31	VR	31	BLKG	ABN	03	0.49
Texaco Inc.	WC	144	WC	144	BLKG	OUT	02	0.47
Texaco Inc.	HI	111	HI	110	BLKG	ABN	04	0.37
Texaco Inc.	EC	278	EC	278	G/C	CNCL	08	0.37
Texaco Inc.	VR	31	SM	219	BLKG	OUT	03	0.30
Texaco Inc.	WC	196	WC	196	G/C	CNCL	08	0.27
Texaco Inc.	VR	30	SM	207	BLKG	A/C	12	0.19
Texaco Inc.	VR	31	VR	31	BLKG	ACT	03	0.08
Texaco Inc.	VR	30	VR	30	BLKG	ACT	03	0.04
Texas Eastern	WC	272	WC	33	GAS	ACT	30	50.95
Texas Eastern	VR	265	EC	245	GAS	ACT	20	32.20
Texas Eastern	EC	245	WC	272	GAS	ACT	30	25.97
Texas Eastern	EC	245	WC	272	GAS	ACT	24	25.97
Texas Eastern	VR	369	EC	312	GAS	ACT	12	20.45
Texas Eastern	WC	570	WC	513	GAS	ACT	20	20.05
Texas Eastern	EC	286	EC	245	GAS	ACT	24	19.91
Texas Eastern	VR	179	EC	160	GAS	ACT	12	18.25
Texas Eastern	EC	160	WC	272	GAS	ACT	20	17.42
Texas Eastern	WC	513	EC	245	GAS	ACT	20	15.15
Texas Eastern	EC	281	EC	245	GAS	ACT	30	13.15
Texas Eastern	WC	480	EC	245	GAS	ACT	16	12.00
Texas Eastern	VR	147	VR	0163	GAS	ACT	08	11.74

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Texas Eastern	EC	321	EC	286	GAS	ACT	16	10.98
Texas Eastern	HI	A 289	WC	543	GAS	OUT	06	10.60
Texas Eastern	EC	14	WC	69	GAS	OUT	12	8.67
Texas Eastern	EC	131	EC	159	GAS	OUT	08	8.52
Texas Eastern	VR	201	VR	164	GAS	ACT	08	8.52
Texas Eastern	EC	222	EC	249	GAS	ACT	12	7.77
Texas Eastern	EC	270	EC	286	GAS	OUT	24	6.95
Texas Eastern	WC	253	WC	250	GAS	ACT	08	4.73
Texas Eastern	WC	464	WC	478	GAS	ACT	10	4.39
Texas Eastern	EC	240	EC	250	GAS	OUT	06	4.29
Texas Eastern	HI	A 550	HI	A 568	GAS	CNCL	10	4.04
Texas Eastern	WC	522	WC	543	GAS	ACT	08	4.04
Texas Eastern	EC	257	EC	250	GAS	R/A	12	3.82
Texas Eastern	WC	459	EC	227	BLKG	ACT	12	3.80
Texas Eastern	HI	A 550	HI	A 568	GAS	ACT	10	3.48
Texas Eastern	WC	513	WC	504	GAS	R/A	10	3.18
Texas Eastern	VR	75	VR	76	GAS	OUT	10	2.97
Texas Eastern	WC	620	WC	606	G/C	ACT	14	2.81
Texas Eastern	EC	82	WC	193	GAS	R/A	08	2.80
Texas Eastern	VR	386	VR	369	GAS	ACT	06	2.71
Texas Eastern	EC	336	EC	335	G/C	ACT	12	2.62
Texas Eastern	WC	261	WC	262	GAS	R/A	06	1.96
Texas Eastern	VR	262	VR	261	GAS	ACT	08	1.88
Texas Eastern	EC	294	EC	293	GAS	R/A	10	1.58
Texas Eastern	EC	270	EC	270	GAS	OUT	16	1.55
Texas Eastern	WC	280	WC	280	GAS	ACT	10	1.53
Texas Eastern	EC	245	EC	245	GAS	ACT	08	1.42
Texas Eastern	WC	463	WC	478	GAS	ACT	06	1.14
Texas Eastern	VR	261	VR	261	GAS	OUT	08	0.94
Texas Eastern	VR	264	VR	264	GAS	ABN	08	0.83
Texas Eastern	VR	75	VR	75	GAS	OUT	10	0.69
Texas Eastern	VR	179	EC	160	G/O	R/A	12	0.31
Texas Eastern	WC	280	WC	280	GAS	ACT	16	0.25
Texas Eastern	WC	464	WC	478	GAS	R/A	10	0.19
Texas Eastern	WC	280	WC	280	GAS	OUT	24	0.09
Texas Eastern	WC	480	EC	245	GAS	R/C	16	0.03
Texas Gas Transmission	WC	294	WC	167	GAS	ACT	16	12.37
Texas Gas Transmission	HI	A 244	HI	A 247	G/C	ACT	08	7.33
Texas Gas Transmission	VR	50	VR	11	GAS	OUT	20	7.21
Texas Gas Transmission	EC	220	VR	241	G/C	ACT	12	6.88
Texas Gas Transmission	HI	A 462	HI	A 489	GAS	ACT	12	5.94
Texas Gas Transmission	HI	A 477	HI	A 462	G/O	ACT	10	5.28
Texas Gas Transmission	WC	237	WC	250	GAS	ACT	12	4.47
Texas Gas Transmission	HI	A 595	HI	A 573	GAS	ACT	10	4.16
Texas Gas Transmission	HI	A 487	HI	A 462	GAS	OUT	10	3.86
Texas Gas Transmission	HI	A 334	HI	A 345	GAS	ACT	16	2.79
Texas Gas Transmission	EC	14	EC	9	GAS	ACT	12	2.47
Texas Gas Transmission	VR	31	VR	50	GAS	OUT	12	2.14
Texas Gas Transmission	WC	33	WC	33	GAS	ACT	06	1.52
Texas Gas Transmission	HI	A 285	HI	A 283	GAS	ACT	10	1.36
Texas Gas Transmission	HI	A 302	HI	A 303	GAS	ACT	12	1.09
Texas Gas Transmission	WC	33	WC	33	GAS	R/A	06	0.76
Texas Gas Transmission	HI	A 573	HI	A 573	GAS	ACT	16	0.65
Texas Gas Transmission	WC	33	WC	33	GAS	ACT	12	0.47
Texas Gas Transmission	WC	33	WC	33	GAS	ACT	12	0.28
Total Minatome	WC	318	WC	210	GAS	R/A	06	8.48
Total Minatome	WC	329	WC	318	G/C	R/A	06	3.93
Total Minatome	VR	268	VR	256	BLKG	ACT	10	2.91
Total Minatome	VR	268	VR	256	BLKG	ACT	06	2.91
Total Minatome	HI	A 553	HI	A 552	BLKG	ACT	06	2.74
Total Minatome	HI	71	HI	71	BLKG	ACT	04	0.36
Total Minatome	HI	71	HI	71	BLKG	ACT	04	0.36
Transco Explor. & Prod.	VR	101	VR	101	GAS	CNCL	04	0.15
Transco Offshore	HI	175	HI	140	G/C	OUT	08	6.10
Transcontinental	VR	215	SM	49	GAS	ACT	20	29.36

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Transcontinental	HI	154	HI	52	GAS	ACT	24	23.23
Transcontinental	VR	131	VR	76	GAS	ACT	16	21.34
Transcontinental	EC	89	VR	66	GAS	ACT	12	20.45
Transcontinental	VR	67	VR	15	GAS	ACT	16	16.48
Transcontinental	VR	67	VR	15	GAS	ACT	20	16.48
Transcontinental	VR	331	SM	106	GAS	ACT	20	16.11
Transcontinental	WC	110	WC	25	GAS	ACT	16	15.15
Transcontinental	WC	436	WC	286	GAS	ACT	12	13.74
Transcontinental	VR	71	VR	76	GAS	OUT	16	11.07
Transcontinental	HI	A 447	HI	A 470	GAS	ACT	16	10.76
Transcontinental	HI	A 568	HI	A 539	G/C	ACT	20	10.63
Transcontinental	EC	57	VR	22	GAS	ACT	12	10.28
Transcontinental	HI	206	HI	154	GAS	ACT	12	10.01
Transcontinental	HI	A 384	HI	A 573	G/C	ACT	10	9.36
Transcontinental	WC	576	WC	537	G/O	ACT	12	8.91
Transcontinental	HI	A 531	HI	A 555	GAS	ACT	20	8.83
Transcontinental	HI	A 20	HI	206	GAS	ACT	12	8.68
Transcontinental	HI	179	HI	154	GAS	ACT	24	8.49
Transcontinental	HI	A 370	HI	A 330	GAS	ACT	24	8.33
Transcontinental	VR	22	VR	16	GAS	ACT	24	8.06
Transcontinental	VR	101	VR	81	GAS	ACT	08	7.24
Transcontinental	WC	405	WC	277	GAS	ACT	10	7.17
Transcontinental	VR	54	VR	46	GAS	R/A	08	7.13
Transcontinental	EC	263	EC	265	GAS	R/A	16	6.64
Transcontinental	VR	37	VR	25	GAS	R/A	10	5.31
Transcontinental	VR	86	VR	76	GAS	R/A	10	5.00
Transcontinental	WC	45	WC	20	GAS	ACT	16	5.00
Transcontinental	VR	58	VR	46	GAS	ACT	10	4.96
Transcontinental	HI	52	HI	33	GAS	ACT	16	4.80
Transcontinental	VR	330	VR	331	GAS	ACT	06	4.18
Transcontinental	HI	52	HI	33	GAS	ACT	24	4.14
Transcontinental	VR	57	VR	67	G/O	R/A	03	3.79
Transcontinental	HI	A 548	HI	A 546	G/C	ACT	16	3.34
Transcontinental	WC	215	WC	222	G/C	ACT	10	3.33
Transcontinental	HI	A 283	HI	A 283	GAS	ACT	06	3.23
Transcontinental	HI	A 508	GA	A 159	GAS	R/A	12	2.91
Transcontinental	WC	619	WC	620	G/C	ACT	04	2.84
Transcontinental	VR	315	VR	314	GAS	ACT	06	2.74
Transcontinental	WC	40	WC	40	GAS	R/A	06	2.62
Transcontinental	HI	A 283	HI	A 283	GAS	ACT	12	2.57
Transcontinental	HI	193	HI	179	BLKG	ACT	10	2.42
Transcontinental	HI	A 471	HI	A 471	G/C	ACT	12	2.35
Transcontinental	HI	A 536	HI	A 531	GAS	ACT	12	2.28
Transcontinental	VR	310	VR	313	GAS	R/A	12	2.21
Transcontinental	WC	110	WC	110	GAS	ACT	12	2.08
Transcontinental	VR	76	VR	76	G/C	OUT	08	2.07
Transcontinental	VR	325	VR	321	G/O	ACT	12	2.04
Transcontinental	HI	A 467	HI	A 468	GAS	ACT	12	1.97
Transcontinental	HI	A 466	HI	A 467	BLKG	ACT	08	1.94
Transcontinental	HI	A 567	HI	A 552	G/C	R/A	12	1.85
Transcontinental	HI	A 313	HI	A 312	GAS	ACT	12	1.85
Transcontinental	VR	102	VR	101	GAS	ACT	08	1.83
Transcontinental	VR	76	VR	67	GAS	ACT	16	1.82
Transcontinental	VR	71	VR	71	GAS	OUT	10	1.80
Transcontinental	WC	22	WC	22	GAS	R/A	04	1.78
Transcontinental	VR	115	VR	115	G/C	ACT	04	1.65
Transcontinental	WC	20	WC	20	GAS	R/A	10	1.50
Transcontinental	VR	25	VR	26	GAS	R/A	16	1.41
Transcontinental	HI	140	HI	140	G/O	ACT	08	1.39
Transcontinental	VR	66	VR	67	GAS	ACT	16	1.36
Transcontinental	VR	25	VR	26	GAS	R/A	12	1.28
Transcontinental	VR	76	VR	67	GAS	ACT	16	1.22
Transcontinental	HI	A 563	HI	A 563	G/C	ACT	20	1.07
Transcontinental	VR	17	VR	24	G/C	R/A	06	1.04
Transcontinental	VR	35	VR	35	GAS	ACT	06	1.01

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Western Louisiana (continued)								
Transcontinental	HI	110	HI	110	GAS	ACT	16	0.98
Transcontinental	HI	A 492	HI	A 492	GAS	R/A	12	0.97
Transcontinental	HI	A 552	HI	A 552	GAS	ACT	10	0.96
Transcontinental	VR	310	VR	311	G/C	ACT	12	0.89
Transcontinental	VR	86	VR	86	G/O	OUT	06	0.86
Transcontinental	VR	35	VR	35	GAS	R/A	04	0.83
Transcontinental	EC	90	EC	90	G/C	OUT	06	0.83
Transcontinental	VR	71	VR	71	GAS	R/A	06	0.81
Transcontinental	HI	A 447	HI	A 447	G/C	ACT	16	0.77
Transcontinental	VR	52	VR	71	GAS	R/A	06	0.64
Transcontinental	VR	71	VR	71	GAS	R/A	06	0.62
Transcontinental	VR	102	VR	102	G/C	ACT	06	0.56
Transcontinental	HI	A 446	HI	A 446	G/C	ACT	12	0.55
Transcontinental	HI	A 582	HI	A 582	G/C	ACT	12	0.53
Transcontinental	HI	A 284	HI	A 283	GAS	R/A	10	0.53
Transcontinental	HI	110	HI	110	GAS	ACT	16	0.52
Transcontinental	VR	76	VR	76	GAS	R/A	04	0.51
Transcontinental	HI	A 508	GA	A 159	G/C	R/C	12	0.47
Transcontinental	VR	35	VR	35	BLKG	ACT	04	0.45
Transcontinental	VR	77	VR	77	GAS	R/A	08	0.42
Transcontinental	VR	77	VR	77	GAS	R/A	08	0.40
Transcontinental	VR	77	VR	76	GAS	ACT	10	0.35
Transcontinental	VR	129	VR	129	GAS	ACT	06	0.27
Transcontinental	HI	52	HI	52	GAS	RELQ	08	0.15
Transcontinental	WC	40	WC	40	GAS	ACT	06	0.08
Transcontinental	HI	A 350	HI	A 350	GAS	ACT	20	0.07
Transcontinental	HI	A 537	HI	A 537	GAS	ACT	12	0.06
Transcontinental	VR	102	VR	101	G/C	R/C	08	0.03
Transcontinental	HI	206	HI	206	GAS	R/A	06	0.03
Transcontinental	VR	101	VR	81	GAS	R/C	08	0.02
Transcontinental	WC	40	WC	40	GAS	ACT	10	0.02
Trunkline Gas	VR	26	VR	23	GAS	ACT	10	9.54
Trunkline Gas	HI	A 376	HI	A 356	GAS	ACT	10	7.14
Trunkline Gas	HI	A 542	HI	A 526	GAS	R/A	08	5.14
Trunkline Gas	VR	23	VR	15	GAS	PROP	16	2.99
Trunkline Gas	WC	67	WC	34	GAS	ACT	12	2.99
Trunkline Gas	VR	26	VR	26	GAS	ACT	10	2.15
Trunkline Gas	VR	26	VR	26	GAS	ACT	16	2.08
Trunkline Gas	EC	104	EC	97	GAS	R/A	10	1.89
Trunkline Gas	VR	26	VR	26	GAS	ACT	14	1.61
Trunkline Gas	EC	338	EC	338	GAS	ACT	08	0.99
Trunkline Gas	VR	26	VR	26	GAS	ACT	12	0.47
Trunkline Gas	VR	26	VR	26	GAS	ACT	14	0.28
Trunkline Gas	VR	26	VR	26	BLKG	ACT	04	0.28
Trunkline Gas	VR	26	VR	26	GAS	ACT	14	0.27
Trunkline Gas	VR	26	VR	26	BLKG	ACT	04	0.27
Trunkline Gas	VR	14	VR	14	G/O	R/A	06	0.19
Trunkline Gas	VR	23	VR	26	GAS	R/C	10	0.13
Trunkline Gas	VR	23	VR	15	GAS	R/C	16	0.13
Union Exploration	WC	292	WC	294	BLKG	ACT	10	3.72
Union Exploration	VR	66	VR	67	BLKG	OUT	04	3.32
Union Exploration	EC	58	EC	58	BLKG	ABN	04	1.46
Union Exploration	VR	65	VR	65	BLKG	ACT	04	1.22
Union Exploration	VR	26	VR	26	BLKG	OUT	04	1.05
Union Exploration	VR	39	VR	39	BLKG	ABN	03	0.88
Union Exploration	VR	35	VR	35	SPLY	ACT	02	0.79
Union Exploration	VR	42	VR	42	BLKG	ACT	04	0.77
Union Exploration	VR	39	VR	39	G/C	ACT	03	0.42
Union Exploration	VR	26	VR	26	BLKG	ACT	06	0.37
Union Exploration	VR	39	VR	39	BLKG	ABN	06	0.27
Union Exploration	VR	39	VR	39	BLKG	ABN	04	0.27
Union Exploration	VR	39	VR	39	BLKG	ABN	01	0.27
Union Exploration	VR	39	VR	39	BLKG	ABN	04	0.27
Union Exploration	WC	196	WC	196	G/C	ACT	08	0.22
Union Exploration	VR	66	VR	66	BLKG	ACT	04	0.08

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Western Louisiana (continued)								
Union Oil Company	WC	202	WC	201	G/O	ACT	06	11.47
Union Oil Company	WC	367	WC	269	G/C	OUT	06	5.40
Union Oil Company	VR	65	VR	67	BLKG	ACT	04	5.00
Union Oil Company	VR	66	VR	67	BLKG	ACT	06	4.59
Union Oil Company	VR	64	VR	60	BLKG	ACT	08	3.99
Union Oil Company	VR	64	VR	60	BLKG	OUT	04	3.79
Union Oil Company	HI	A 303	HI	A 302	BLKG	ABN	04	2.88
Union Oil Company	VR	65	VR	64	BLKG	OUT	06	2.57
Union Oil Company	HI	A 334	HI	A 334	BLKG	ACT	06	2.36
Union Oil Company	VR	36	VR	26	BLKG	ACT	10	2.34
Union Oil Company	VR	40	EC	38	BLKG	ACT	04	2.31
Union Oil Company	VR	328	VR	340	G/C	ACT	08	2.28
Union Oil Company	EC	76	EC	89	BLKG	ABN	04	2.22
Union Oil Company	VR	67	VR	67	BLKG	ACT	04	2.16
Union Oil Company	WC	197	WC	196	BLKG	ACT	06	2.13
Union Oil Company	VR	201	VR	201	BLKG	ACT	04	2.13
Union Oil Company	VR	67	VR	67	BLKG	ACT	06	2.11
Union Oil Company	VR	38	VR	39	BLKG	ACT	04	2.11
Union Oil Company	VR	65	VR	65	BLKG	CNCL	06	1.99
Union Oil Company	EC	89	EC	89	BLKG	ABN	04	1.97
Union Oil Company	VR	60	VR	60	G/C	ACT	06	1.92
Union Oil Company	VR	66	VR	66	BLKG	ABN	03	1.85
Union Oil Company	VR	66	VR	66	BLKG	ABN	03	1.84
Union Oil Company	VR	66	VR	66	BLKG	ABN	03	1.84
Union Oil Company	VR	42	VR	39	BLKG	ACT	04	1.76
Union Oil Company	VR	36	VR	35	BLKG	ACT	10	1.58
Union Oil Company	VR	38	VR	39	BLKG	ACT	08	1.55
Union Oil Company	VR	40	VR	40	G/C	A/C	04	1.43
Union Oil Company	VR	38	VR	38	BLKG	OUT	08	1.38
Union Oil Company	VR	35	VR	35	GAS	OUT	06	1.32
Union Oil Company	VR	39	VR	39	BLKG	ACT	04	1.30
Union Oil Company	VR	35	VR	35	BLKG	ACT	08	1.29
Union Oil Company	VR	38	VR	38	GAS	ACT	04	1.23
Union Oil Company	VR	67	VR	67	BLKG	ACT	06	1.23
Union Oil Company	VR	35	VR	36	BLKG	ACT	06	1.22
Union Oil Company	VR	26	VR	35	GAS	ACT	10	1.09
Union Oil Company	VR	36	VR	26	G/C	ABN	06	1.08
Union Oil Company	VR	35	VR	35	BLKG	ACT	06	1.08
Union Oil Company	VR	26	VR	26	BLKG	PABN	03	1.08
Union Oil Company	VR	26	VR	26	BLKG	ACT	08	1.06
Union Oil Company	VR	26	VR	26	BLKG	ACT	12	1.06
Union Oil Company	VR	26	VR	26	BLKG	ABN	04	1.04
Union Oil Company	VR	66	VR	66	BLKG	ABN	03	1.00
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.97
Union Oil Company	VR	35	VR	26	BLKG	ACT	08	0.95
Union Oil Company	VR	39	VR	39	BLKG	ACT	06	0.90
Union Oil Company	HI	A 334	HI	A 334	G/C	ACT	06	0.85
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.85
Union Oil Company	VR	67	VR	67	BLKG	ABN	04	0.85
Union Oil Company	VR	35	VR	26	BLKG	A/C	06	0.85
Union Oil Company	VR	26	VR	26	BLKG	OUT	04	0.83
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.82
Union Oil Company	VR	39	VR	39	BLKG	ACT	06	0.81
Union Oil Company	VR	39	VR	39	BLKG	ABN	06	0.80
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.79
Union Oil Company	VR	35	VR	35	BLKG	ABN	03	0.78
Union Oil Company	VR	26	VR	26	BLKG	OUT	04	0.78
Union Oil Company	VR	26	VR	26	BLKG	OUT	06	0.78
Union Oil Company	VR	26	VR	26	BLKG	OUT	06	0.76
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.76
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.76
Union Oil Company	VR	60	VR	60	BLKG	ACT	06	0.74
Union Oil Company	VR	39	VR	39	BLKG	ABN	04	0.68
Union Oil Company	VR	35	VR	36	BLKG	ACT	06	0.68
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.66

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Union Oil Company	VR	39	VR	39	BLKG	ACT	04	0.64
Union Oil Company	VR	38	VR	39	BLKG	ACT	06	0.62
Union Oil Company	VR	38	VR	39	BLKG	ABN	04	0.62
Union Oil Company	VR	38	VR	38	BLKG	ACT	04	0.61
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.61
Union Oil Company	VR	38	VR	39	BLKG	ACT	06	0.61
Union Oil Company	VR	26	VR	26	BLKG	CNCL	06	0.61
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.61
Union Oil Company	VR	38	VR	38	BLKG	OUT	06	0.61
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.61
Union Oil Company	VR	26	VR	26	BLKG		04	0.61
Union Oil Company	VR	26	VR	26	BLKG	CNCL	06	0.61
Union Oil Company	VR	26	VR	26	BLKG	ACT	08	0.57
Union Oil Company	VR	26	VR	26	BLKG	ABN	04	0.57
Union Oil Company	VR	38	VR	39	BLKG	ACT	04	0.57
Union Oil Company	VR	35	VR	35	BLKG	ACT	06	0.57
Union Oil Company	VR	26	VR	26	BLKG	ABN	04	0.55
Union Oil Company	WC	280	WC	280	BLKG	PABN	04	0.54
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.53
Union Oil Company	WC	280	WC	280	BLKG	ACT	04	0.52
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.51
Union Oil Company	VR	36	VR	36	BLKG	ACT	06	0.50
Union Oil Company	VR	26	VR	26	BLKG	ACT	08	0.49
Union Oil Company	WC	280	WC	280	GAS	PABN	04	0.47
Union Oil Company	WC	280	WC	280	GAS	PABN	04	0.47
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.47
Union Oil Company	VR	35	VR	35	BLKG	ACT	03	0.47
Union Oil Company	VR	35	VR	35	BLKG	ACT	08	0.47
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.47
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.44
Union Oil Company	VR	67	VR	67	BLKG	ABN	04	0.44
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.42
Union Oil Company	VR	35	VR	35	BLKG	ABN	04	0.42
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.42
Union Oil Company	VR	67	VR	67	BLKG	ABN	04	0.40
Union Oil Company	VR	67	VR	67	BLKG	ACT	03	0.38
Union Oil Company	VR	26	VR	26	BLKG	ABN	03	0.38
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.38
Union Oil Company	VR	35	VR	36	BLKG	OUT	06	0.36
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.30
Union Oil Company	VR	26	VR	26	BLKG	CNCL	06	0.28
Union Oil Company	VR	26	VR	26	BLKG	ACT	06	0.28
Union Oil Company	VR	26	VR	26	BLKG	OUT	06	0.23
Union Oil Company	VR	36	VR	36	BLKG	ABN	06	0.20
Union Oil Company	VR	26	VR	26	BLKG	ACT	04	0.09
Union Oil Company	VR	35	VR	35	BLKG	ACT	06	0.07
Union Oil Company	VR	42	VR	38	BLKG	COMB	04	0.00
Union Oil Company	VR	26	VR	26	BLKG	COMB	04	0.00
Union Oil Company	VR	38	VR	39	BLKG	COMB	04	0.00
Union Oil Company	VR	38	VR	39	BLKG	COMB	04	0.00
Union Oil Company	VR	39	VR	39	BLKG	COMB	04	0.00
Union Oil/Texaco/Pogo	WC	408	WC	408	G/C	ACT	04	1.86
Union Oil/Texaco/Pogo	VR	115	VR	115	G/C	PROP	06	0.37
Union Oil/Texaco/Pogo	VR	115	VR	115	G/C	PROP	04	0.17
Union Pacific	HI	A 200	HI	A 193	G/C	ACT	06	11.29
Union Pacific	HI	A 193	WC	342	GAS	ACT	08	9.56
Union Pacific	EC	106	EC	97	GAS	R/A	06	6.54
Union Pacific	WC	420	HI	A 244	GAS	R/A	06	6.38
Union Pacific	WC	604	WC	604	G/C	PABN	06	1.99
Union Pacific	HI	A 562	HI	A 562	G/C	ACT	06	0.33
Union Pacific	HI	178	HI	178	GAS	PABN	10	0.29
Union TX Petroleum	VR	114	VR	115	GAS	RELQ	12	2.37
Union TX Petroleum	WC	40	WC	41	SPLY	ABN	01	0.52
Union TX Petroleum	WC	41	WC	40	BLKG	ABN	02	0.52
Union TX Petroleum	VR	109	VR	114	GAS	RELQ	10	0.39

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Western Louisiana (continued)								
Union TX Petroleum	VR	104	VR	101	GAS	A/C	03	0.03
UTOS	WC	167	WC	19	GAS	ACT	42	24.94
Vastar Resources Inc.	HI	177	HI	178	GAS	ACT	08	3.42
Vastar Resources Inc.	HI	115	HI	116	BLKG	ACT	06	1.25
Walter Oil and Gas	WC	592	WC	593	BLKG	ACT	04	5.49
Walter Oil and Gas	WC	574	WC	561	G/C	R/A	06	4.09
Walter Oil and Gas	WC	548	WC	565	BLKG	ACT	04	3.74
Walter Oil and Gas	HI	A 21	HI	232	G/C	ACT	06	3.63
Walter Oil and Gas	VR	95	VR	96	G/C	ACT	04	2.20
Walter Oil and Gas	EC	313	EC	313	BLKG	ACT	04	1.98
Walter Oil and Gas	SA	7	WC	53	G/C	R/A	06	1.94
Walter Oil and Gas	WC	254	WC	258	G/C	ACT	04	1.73
Walter Oil and Gas	VR	275	VR	275	G/C	ACT	06	1.72
Walter Oil and Gas	EC	313	EC	313	G/C	ACT	06	1.56
Walter Oil and Gas	WC	584	WC	574	BLKG	R/A	04	1.45
Walter Oil and Gas	EC	341	EC	347	BLKG	R/A	04	1.30
Walter Oil and Gas	HI	A 22	HI	A 21	BLKG	ACT	04	1.15
Walter Oil and Gas	HI	A 21	HI	A 21	G/C	OUT	06	0.37
Walter Oil and Gas	HI	200	HI	200	G/C	ACT	04	0.09
Zapata Exploration	WC	538	WC	538	BLKG	ACT	06	2.94
Zilkha Energy	WC	360	WC	379	BLKG	R/A	04	6.72
Zilkha Energy	WC	55	WC	53	BLKG	ACT	04	5.94
Zilkha Energy	HI	45	SA	10	BLKG	ACT	06	4.19
Zilkha Energy	EC	328	EC	323	GAS	ACT	04	1.79
Zilkha Energy	EC	280	EC	263	G/C	ACT	06	1.45
Zilkha Energy	WC	53	WC	53	G/C	ACT	12	0.77
Zilkha Energy	WC	98	WC	98	G/C		06	0.19
Texas								
Adobe Resources	MI	487	BA	517	SPLY	ACT	02	1.92
Adobe Resources	BA	517	MI	487	BLKG	ACT	06	1.92
Amerada Hess Co.	GA	379	GA	419	G/C	OUT	12	8.77
Amerada Hess Co.	GA	210	GA	239	GAS	ACT	08	4.37
Amerada Hess Co.	MU	A 121	MU	A 111	BLKG	ACT	10	3.01
Amerada Hess Co.	MU	A 85	MU	A 85	BLKG	ACT	08	1.18
Amoco Production	BA	517	MI	518	BLKG	CNCL	06	4.19
Amoco Production	MI	635	MI	623	BLKG	PROP	08	2.71
Amoco Production	MI	636	MI	622	BLKG	ACT	06	2.12
Amoco Production	MI	519	MI	519	BLKG	ACT	06	1.61
Amoco Production	MI	635	MI	622	BLKG	ACT	06	1.07
Amoco Production	MI	622	MI	622	BLKG	ACT	06	0.84
Amoco Production	MI	623	MI	622	BLKG	ACT	08	0.72
Amoco Production	MI	622	MI	622	BLKG	ACT	08	0.71
Amoco Production	MI	519	MI	519	BLKG	ACT	06	0.66
ANR Pipeline Co.	BA	451	BA	474	GAS	ACT	08	2.34
Apache Corporation	MU	752	MU	781	BLKG	ACT	04	9.73
Apache Corporation	MU	781	MU	786	G/C	ACT	06	4.54
Apache Corporation	BA	A 104	MI	A 4	BLKG	ACT	04	4.28
Apache Corporation	MI	A 4	MI	A 2	GAS	ACT	06	3.94
Apache Corporation	GA	321	GA	296	BLKG	ACT	06	3.66
Apache Corporation	MI	636	MI	622	G/C	R/A	06	2.74
Apache Corporation	MI	687	MI	699	BLKG	ACT	04	2.38
Apache Corporation	BA	476	BA	476	BLKG	ACT	03	2.24
Apache Corporation	MI	683	MI	703	BLKG	ACT	08	1.73
Apache Corporation	BA	476	BA	476	GAS	ACT	06	0.98
Apache Corporation c/	BA	494	BA	474	G/C	ACT	04	3.36
Apache Gathering	MI	681	MI	686	G/C	ACT	14	14.40
Ashland Exploration	GA	211	GA	239	GAS	ACT	06	5.74
Ashland Exploration	MI	709	MI	703	BLKG	ACT	06	3.73
Ashland Exploration	BA	439	BA	439	GAS	ACT	04	0.91
Atlantic Richfield	MI	591	MI	591	G/C	ACT	06	0.43
Aviva	GA	465	GA	465	G/C	ABN	06	0.28
Blue Dolphin Pipeline	GA	288	GA	274	G/O	ACT	20	20.83
Blue Dolphin Pipeline	GA	291	GA	296	BLKG	ACT	06	8.02
Blue Dolphin Pipeline	GA	245	GA	273	GAS	OUT	06	6.43

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Texas (continued)								
Blue Dolphin Pipeline	GA	296	GA	288	G/O	ACT	20	1.80
BP Exploration	EB	165	HI	A 582	GAS	ACT	12	9.30
Brooklyn Union	GA	272	GA	272	G/C	ACT	08	2.60
Brooklyn Union	MU	785	MU	782	G/C	ACT	08	2.33
Brooklyn Union	GA	297	GA	287	G/C	ACT	06	2.26
Brooklyn Union	GA	252	GA	272	G/C	ACT	06	0.88
Brooklyn Union	GA	272	GA	272	BLKG	ACT	04	0.53
Br. - Borneo Exploration	MU	782	MU	782	G/C	ACT	06	1.25
Br. - Borneo Exploration	GA	319	GA	319	BLKG	PROP	04	0.74
Chevron USA	MU	A 22	MU	A 31	BLKG	ACT	06	1.93
Coastal Oil & Gas	GA	255	GA	288	G/O	ACT	06	8.61
Cockrell Oil Co.	BA	544	BA	545	G/C	ACT	08	2.47
Cockrell Oil Co.	BA	542	BA	541	G/C	ACT	06	2.30
Corpus Christi Oil & Gas Co.	MI	566	MI	565	GAS	CNCL	06	2.21
Diamond Shamrock	BA	400	BA	412	BLKG	ACT	04	5.27
Diamond Shamrock	BA	435	BA	412	BLKG	ACT	04	2.10
Diamond Shamrock	BA	413	BA	413	BLKG	ACT	04	1.15
Elf Exploration	MI	567	MI	588	G/C	R/A	06	1.40
Enron Corp	GA	144	HI	105	GAS	R/A	10	6.78
Enron Corp	MI	555	MI	519	GAS	RELQ	12	4.91
Enron Corp	GA	144	GA	144	GAS	R/A	06	3.05
Enron Oil & Gas	MU	784	MU	758	BLKG	ACT	08	6.00
Enron Oil & Gas	MI	700	MI	713	BLKG	PROP	06	3.36
Enron Oil & Gas	MI	700	MI	713	BLKG	PROP	06	3.36
Enron Oil & Gas	MU	759	MU	738	G/C	ACT	12	3.27
Enron Oil & Gas	MI	638	MI	638	BLKG	ACT	06	2.91
Enron Oil & Gas	MI	638	MI	638	BLKG	ACT	04	2.91
Enron Oil & Gas	MU	784	MU	784	BLKG	ACT	04	2.80
Enron Oil & Gas	MI	620	MI	638	G/C	CNCL	10	1.58
Enron Oil & Gas	MI	620	MI	638	BLKG	ACT	06	1.52
Enron Oil & Gas	MI	700	MI	713	GAS	ACT	06	1.31
Enron Oil & Gas	MU	759	MU	759	BLKG	PROP	06	1.00
Enron Oil & Gas	MU	759	MU	759	BLKG	PROP	06	1.00
Enron & Chieftan Intl. a/	MI	634	MI	624	G/C	ACT	08	4.85
Enron & Chieftan Intl. a/	MI	633	MI	633	BLKG	ACT	03	0.50
Enron & Chieftan Intl. a/	MI	633	MI	634	G/C	OUT	04	0.21
EP Operating Ltd Partnership	BA	455	BA	452	G/C	ACT	06	9.16
Exxon Corp	GA	209	HI	179	BLKG	ACT	06	4.03
Forest Oil Corp	MI	682	MI	682	G/C	ACT	06	0.43
F-W Oil Interests	MI	631	MI	631	G/C	PROP	06	1.56
General Atlantic	BA	494	BA	474	BLKG	PROP	10	3.68
Hall - Houston Oil	GA	A 97	GA	A 101	BLKG	R/A	04	4.99
Hall - Houston Oil	GA	A 127	GA	A 131	G/C	R/A	10	4.58
Hall - Houston Oil	GA	A 101	GA	A 127	G/C	R/A	08	4.17
Hall - Houston Oil	GA	A 96	GA	A 101	BLKG	ABN	04	2.17
Hall - Houston Oil	MU	783	MU	782	G/C	ACT	06	1.84
Hall - Houston Oil	MU	756	MU	739	BLKG	R/A	04	1.77
Hall - Houston Oil	GA	A 101	GA	A 101	BLKG	ABN	04	0.97
Hardy Oil & Gas	BA	364	GA	343	G/C	ACT	06	5.10
Houston Oil & Gas	GA	392	GA	391	BLKG	ACT	04	2.79
Ivory Production	GA	288	GA	296	GAS	ABN	10	2.04
Ivory Production	GA	296	GA	296	BLKG	ABN	04	1.99
Ivory Production	GA	296	GA	296	BLKG	ABN	06	1.99
Ivory Production	GA	288	GA	296	BLKG	ABN	10	1.86
Ivory Production	GA	295	GA	288	BLKG	ABN	04	1.61
Ivory Production	GA	296	GA	296	BLKG	ABN	04	1.52
Ivory Production	GA	296	GA	296	BLKG	ABN	04	1.42
Ivory Production	GA	296	GA	296	BLKG	ABN	04	1.42
Ivory Production	GA	296	GA	296	BLKG	ABN	03	0.95
Ivory Production	GA	288	GA	288	BLKG	ABN	04	0.76
Ivory Production	GA	288	GA	296	BLKG	ABN	03	0.76
Ivory Production	GA	296	GA	296	BLKG	ABN	04	0.76
Ivory Production	GA	288	GA	288	BLKG	ABN	04	0.76
Ivory Production	GA	288	GA	288	BLKG	ABN	04	0.76
Ivory Production	GA	288	GA	288	BLKG	ABN	04	0.66

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Texas (continued)								
Ivory Production	GA	288	GA	288	BLKG	ABN	04	0.64
Ivory Production	GA	296	GA	296	BLKG	ABN	04	0.57
Ivory Production	GA	288	GA	288	BLKG	ABN	02	0.38
Ivory Production	GA	296	GA	296	BLKG	ABN	06	0.28
Ivory Production	GA	288	GA	288	BLKG	ABN	03	0.28
Ivory Production	GA	288	GA	288	BLKG	ABN	04	0.28
Ivory Production	GA	288	GA	288	BLKG	ABN	03	0.25
Ivory Production	GA	288	GA	288	BLKG	ABN	03	0.25
Kerr McGee Corp.	MI	588	MI	588	GAS	ACT	06	0.04
Kerr—McGee Pipeline	GA	320	GA	296	BLKG	RELQ	06	6.01
Kerr—McGee Pipeline	GA	320	GA	296	G/C	ACT	04	5.80
Koch Industries	GA	313	GA	0274	G/C	ACT	08	11.12
Levinson Partners	GA	A 125	GA	A 131	G/C	ACT	04	4.08
Mantaray Pipe Line Co.	MI	622	MI	600	G/O	RELQ	36	4.30
Mesa Operating	BA	A 7	BA	A 7	BLKG	ACT	03	2.34
Mitchell Engergy	GA	189	GA	189	BLKG	OUT	06	0.76
Mitco Pipeline	GA	189	GA	213	G/O	ACT	06	3.35
Murphy Exploration	MI	710	MI	705	BLKG	ACT	06	5.49
Murphy Exploration	MI	589	MI	604	BLKG	ACT	04	3.24
Murphy Exploration	MI	589	MI	589	BLKG	OUT	04	1.71
Murphy Exploration	MI	604	MI	604	BLKG	CNCL	04	1.33
Murphy Exploration	MI	604	MI	604	BLKG	ACT	04	1.31
Murphy Exploration	MI	604	MI	604	BLKG	OUT	04	1.30
Murphy Exploration	MI	604	MI	604	BLKG	OUT	04	1.30
Murphy Exploration	MI	604	MI	604	BLKG	OUT	04	1.28
Murphy Exploration	MI	604	MI	604	BLKG	ACT	04	1.28
Murphy Exploration	MI	604	MI	604	BLKG	ACT	04	1.07
Murphy Exploration	MI	604	MI	604	BLKG	CNCL	04	1.04
Murphy Exploration	MI	604	MI	604	BLKG	CNCL	04	0.93
Murphy Exploration	MI	604	MI	604	BLKG	OUT	04	0.87
Murphy Exploration	MI	604	MI	604	BLKG	OUT	04	0.86
Murphy Exploration	MI	604	MI	604	BLKG	ACT	04	0.81
Murphy Exploration	MI	604	MI	604	BLKG	ACT	04	0.72
Murphy Exploration	MI	604	MI	604	BLKG	OUT	04	0.63
Murphy Exploration	MI	604	MI	604	BLKG	ACT	04	0.63
Murphy Exploration	MI	604	MI	604	BLKG	COMB	04	0.00
Natural Gas Pipeline	BA	A 105	BA	A 105	GAS	COMB	08	0.00
Newfield Exploration	GA	296	GA	288	GAS	ACT	06	4.38
Northern Natural Gas	MU	831	MU	758	GAS	ACT	20	25.00
Northern Natural Gas	MI	668	MU	758	GAS	ACT	24	16.70
Northern Natural Gas	MI	696A	MI	665	GAS	ACT	10	10.00
Northern Natural Gas	MI	703	MI	686	GAS	ACT	16	9.50
Northern Natural Gas	MU	755	MU	738	GAS	ACT	10	9.40
Northern Natural Gas	GA	144	GA	99	GAS	R/A	10	9.20
Northern Natural Gas	MI	638B	MI	622C	GAS	ACT	16	6.70
Northern Natural Gas	MI	632A	MI	653	GAS	ACT	10	6.00
Northern Natural Gas	MI	668	MI	685	GAS	ACT	12	5.60
Northern Natural Gas	MI	686	MI	655	GAS	ACT	24	5.00
Northern Natural Gas	MU	781	MU	786	GAS	ACT	05	4.40
Northern Natural Gas	MI	699	MI	686	GAS	ACT	06	3.50
Northern Natural Gas	MI	622C	MI	623B	GAS	ACT	24	3.25
Northern Natural Gas	MI	623B	MI	624	GAS	ACT	24	3.00
Northern Natural Gas	MI	527	MI	526	GAS	ACT	10	2.90
Northern Natural Gas	MU	751	MU	762	GAS	ACT	08	2.73
Northern Natural Gas	MI	636	MI	622	GAS	R/A	06	2.70
Northern Natural Gas	MU	762	MU	755	GAS	ACT	12	2.61
Northern Natural Gas	GA	144L	GA	144L	GAS	R/A	06	2.34
Northern Natural Gas	MI	685B	MI	686A	GAS	ACT	08	2.00
Northern Natural Gas	MI	623A	MI	623B	GAS	ACT	16	2.00
Northern Natural Gas	MI	657B	MI	632A	GAS	ACT	06	2.00
Northern Natural Gas	MU	787	MU	786	G/C	ACT	12	1.60
Northern Natural Gas	MI	665	MI	665	GAS	ACT	06	1.30
Northern Natural Gas	MU	739	MU	739	GAS	ACT	06	1.09
Northern Natural Gas	MI	713	MI	700	GAS	ACT	12	0.80
Northern Natural Gas	MI	700	MI	713	GAS	ACT	10	0.50

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Texas (continued)								
Northern Natural Gas	MI	686A	MI	686C	GAS	ACT	16	0.44
Northern Natural Gas	MI	624	MI	623	GAS	ACT	10	0.42
Oryx Energy Co.	BA	A 21	BA	0579	G/C	ACT	04	2.34
Oryx Energy Co.	MI	605	MI	605	BLKG	ACT	06	2.32
Oryx Energy Co.	MI	606	MI	605	BLKG	ACT	04	0.91
Oxy USA Inc.	MU	A 16	MU	809	G/C	ACT	12	14.10
Oxy USA Inc.	MI	669	MI	686	GAS	ACT	12	8.72
Oxy USA Inc.	MI	685	MI	686	G/C	ACT	08	2.14
Oxy USA Inc.	BA	A 133	BA	A 133	BLKG	ACT	08	2.03
Oxy USA Inc.	MI	654	MI	654	BLKG	ACT	06	2.00
Oxy USA Inc.	MI	654	MI	669	BLKG	ACT	08	1.66
Oxy USA Inc.	MI	669	MI	669	BLKG	ACT	08	1.38
Oxy USA Inc.	BA	A 133	BA	A 133	BLKG	ACT	08	1.03
Pennzoil Petroleum	GA	303	GA	274	G/C	ACT	08	4.53
PG&E	MI	705	MI	681	GAS	ACT	06	2.63
PG&E	BA	452	BA	437	BLKG	ACT	04	0.79
PG&E Resources	GA	427	GA	419	G/C	R/A	06	3.03
PG&E Resources	BA	436	BA	437	BLKG	ACT	06	2.88
PG&E Resources	BA	437	BA	437	BLKG	ACT	06	1.95
PG&E Resources	BA	411	BA	436	BLKG	ACT	06	1.57
PG&E Resources	BA	436	BA	437	BLKG	ACT	04	1.12
PG&E Resources	BA	438	BA	437	BLKG	ACT	04	0.95
PG&E Resources	BA	452	BA	437	BLKG	CNCL	04	0.79
PG&E Resources	MI	566	MI	566	GAS	ACT	06	0.05
Phillips Petroleum	MU	791	MU	775	G/C	ACT	06	5.64
Phillips Petroleum	MU	754	MU	755	GAS	ACT	06	3.45
Phillips Petroleum	MI	639	MI	639	GAS	ACT	06	2.90
Samedan Oil	BA	A 52	BA	A 22	GAS	ACT	16	9.18
Samedan Oil	GA	241	GA	255	GAS	ABN	04	3.12
Samedan Oil	BA	A 66	BA	A 52	BLKG	ACT	06	2.87
Samedan Oil	BA	A 53	BA	A 52	BLKG	ACT	04	2.75
Samedan Oil	BA	A 51	BA	A 52	BLKG	ACT	06	2.10
Samedan Oil	BA	A 52	BA	A 52	BLKG	ACT	06	1.56
Samedan Oil	BA	A 28	BA	A 17	GAS		06	1.44
Samedan Oil	BA	A 52	BA	A 52	GAS	ACT	12	1.38
Santa Fe Energy	GA	418	GA	419	G/C	ACT	06	3.60
Santa Fe Energy	MI	487	MI	487	BLKG	CNCL	06	1.02
Santa Fe Energy	MI	487	MI	487	BLKG	ACT	04	0.69
Santa Fe Energy	MI	487	MI	487	SPLY	ACT	02	0.69
Santa Fe International	MI	634	MI	633	BLKG	ACT	04	1.29
Santa Fe International	MI	633	MI	634	G/C	ACT	08	0.45
Scana Petroleum	MI	603	MI	620	BLKG	ACT	06	2.26
Scana Petroleum	MI	603	MI	620	BLKG	ACT	04	2.26
Scana Petroleum	MI	620	MI	620	BLKG	ACT	08	0.99
Scana Petroleum	MI	620	MI	620	BLKG	ACT	04	0.99
Scana Petroleum	MI	620	MI	603	BLKG	ACT	06	0.87
Seneca Resources	BA	375	BA	376	BLKG	ACT	04	4.92
Seneca Resources	BA	375	BA	376	BLKG	ACT	06	2.84
Shell Gas Pipeline	PN	975	PN	948	G/C	ACT	12	8.76
Shell Gas Pipeline	PN	892	PN	A 11	G/C	ACT	08	4.89
Shell Offshore	GA	191	HI	179	BLKG	ACT	06	3.72
Shell Offshore	PN	969	PN	975	BLKG	ACT	06	2.63
Shell Offshore	BA	A 23	BA	A 23	BLKG	ABN	06	1.27
Shell Offshore	BA	A 23	BA	A 23	BLKG	ACT	06	1.04
Shell Offshore	BA	A 19	BA	A 19	BLKG	OUT	06	0.56
Sonat Exploration	MU	739	MU	739	G/C	ABN	06	0.99
Sonat Exploration	MU	740	MU	739	BLKG	ACT	04	0.93
Southern Natural	MI	696	MI	665	GAS	ACT	10	10.00
Southern Natural	MI	703	MI	686	GAS	ACT	16	9.50
Southern Natural	MU	A 90	MU	738	GAS	RELQ	12	9.25
Southern Natural	MI	657	MI	632	BLKG	ACT	06	2.03
Southern Natural	MI	657	MI	657	GAS	OUT	06	1.48
Southern Natural	MI	665	MI	665	GAS	ACT	06	1.25
Southern Natural	MI	632	MI	632	GAS	ACT	10	0.72
Southern Natural	MI	665	MI	665	GAS	ACT	12	0.06

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Texas (continued)								
Taylor Energy	PN	A 59	PN	A 44	G/C	ACT	08	4.04
Tejas Power Corp	MI	672	MI	565	G/C	ACT	16	18.83
Tejas Power Corp	MI	605	MI	565	G/C	ACT	14	10.24
Tejas Power Corp	MI	604	MI	565	G/C	ACT	16	7.99
Tejas Power Corp	GA	333	GA	343	G/C	ACT	06	4.60
Tejas Power Corp	MI	568	MI	589	G/C	ACT	08	4.45
Tejas Power Corp	MI	557	MI	565	G/C	ACT	08	3.92
Tejas Power Corp	GA	343	GA	334	G/C	ACT	16	2.66
Tejas Power Corp	MI	650	MI	650	G/C	ACT	08	1.66
Tejas Power Corp	MI	651	MI	650	G/C	ACT	12	1.65
Tejas Power Corp	MI	587	MI	588	G/C	ACT	06	1.57
Tejas Power Corp	MI	672	MI	672	G/C	ACT	08	1.28
Tejas Power Corp. d/	BA	412	BA	451	GAS	ACT	12	11.79
Tejas Power Corp. d/	BA	552	BA	491	G/C	ACT	08	9.57
Tejas Power Corp. d/	BA	399	BA	412	G/C	ACT	12	8.66
Tejas Power Corp. d/	GA	330	GA	349	BLKG	ACT	06	8.25
Tejas Power Corp. d/	BA	397	BA	366	G/C	CNCL	12	7.64
Tejas Power Corp. d/	GA	424	GA	391	BLKG	R/A	06	7.41
Tejas Power Corp. d/	MI	555	MI	526	GAS	ACT	16	5.63
Tejas Power Corp. d/	PN	A 72	PN	A 58	G/C	ACT	06	5.26
Tejas Power Corp. d/	BA	515	BA	552	BLKG	ACT	04	5.22
Tejas Power Corp. d/	BA	396	BA	431	BLKG	PROP	04	4.86
Tejas Power Corp. d/	BA	397	BA	399	G/C	ACT	12	4.66
Tejas Power Corp. d/	BA	431	BA	397	BLKG	ACT	06	4.39
Tejas Power Corp. d/	GA	298	GA	287	G/C	PROP	08	4.39
Tejas Power Corp. d/	BA	431	BA	397	BLKG	ACT	04	4.39
Tejas Power Corp. d/	GA	357	GA	349	BLKG	PROP	04	3.75
Tejas Power Corp. d/	GA	362	GA	343	BLKG	PROP	04	3.71
Tejas Power Corp. d/	GA	384	GA	390	G/C	ACT	06	3.18
Tejas Power Corp. d/	GA	213	GA	214	G/O	OUT	06	3.08
Tejas Power Corp. d/	GA	424	GA	424	BLKG	ABN	06	2.77
Tejas Power Corp. d/	BA	397	BA	397	BLKG	ACT	04	2.74
Tejas Power Corp. d/	BA	397	BA	397	BLKG	ACT	04	2.74
Tejas Power Corp. d/	GA	383	GA	392	G/C	R/A	06	2.48
Tejas Power Corp. d/	GA	283	GA	273	BLKG	ACT	06	2.00
Tejas Power Corp. d/	MU	828	MU	831	BLKG	ACT	06	1.92
Tejas Power Corp. d/	BA	399	BA	399	BLKG	ACT	04	1.87
Tejas Power Corp. d/	BA	399	BA	399	BLKG	ACT	04	1.87
Tejas Power Corp. d/	GA	349	GA	350	G/C	ACT	06	1.74
Tejas Power Corp. d/	BA	398	BA	398	G/C	ACT	06	1.72
Tejas Power Corp. d/	GA	349	GA	349	BLKG	ABN	04	1.57
Tejas Power Corp. d/	GA	349	GA	349	BLKG	ACT	04	1.54
Tejas Power Corp. d/	BA	399	BA	399	BLKG	ACT	04	1.24
Tejas Power Corp. d/	BA	399	BA	399	BLKG	ACT	04	1.24
Tejas Power Corp. d/	GA	349	GA	349	BLKG	OUT	04	1.23
Tejas Power Corp. d/	GA	349	GA	349	BLKG	ACT	04	1.23
Tejas Power Corp. d/	GA	349	GA	349	BLKG	ABN	04	1.03
Tejas Power Corp. d/	GA	420	GA	393	BLKG	PROP	04	1.01
Tejas Power Corp. d/	BA	399	BA	399	BLKG	ACT	04	0.92
Tejas Power Corp. d/	BA	432	BA	431	BLKG	ACT	04	0.92
Tejas Power Corp. d/	BA	432	BA	431	BLKG	ACT	04	0.92
Tejas Power Corp. d/	GA	349	GA	349	BLKG	ACT	04	0.90
Tejas Power Corp. d/	GA	349	GA	349	BLKG	OUT	04	0.90
Tejas Power Corp. d/	GA	273	GA	273	G/C	ACT	08	0.87
Tejas Power Corp. d/	GA	273	GA	273	BLKG	ACT	04	0.87
Tejas Power Corp. d/	GA	273	GA	273	BLKG	ACT	04	0.87
Tejas Power Corp. d/	BA	399	BA	399	BLKG	ACT	04	0.78
Tejas Power Corp. d/	BA	412	BA	412	GAS	ACT	06	0.07
Tejas Power Corp. d/	BA	399	BA	399	G/C	ACT	12	0.04
Tennessee Gas	BA	A 17	BA	538	GAS	OUT	12	13.77
Tennessee Gas	MU	A 65	BA	A 104	GAS	OUT	08	8.18
Tennessee Gas	BA	A 16	BA	A 17	GAS	ABN	04	2.20
Tennessee Gas	BA	A 28	BA	A 17	GAS	ABN	06	1.43
Tennessee Gas	BA	A 22	BA	A 22	GAS	ACT	06	1.19
Texas Gas Corp.	MU	739	MU	738	GAS	RELQ	10	3.92

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block	Gas			
Texas (continued)								
Transco Offshore	MU	847	PN	924	G/C	RELQ	16	29.65
Transco Offshore	MU	A 31	PN	A 42	G/C	ACT	16	18.75
Transco Offshore	MU	754	MU	775	G/C	ACT	12	15.69
Transco Offshore	MU	847	MU	798	G/C	ACT	16	13.61
Transco Offshore	MU	868	MU	823	G/C	ACT	16	12.27
Transco Offshore	BA	491	BA	451	G/C	ACT	12	10.01
Transco Offshore	MU	A 31	MU	A 31	G/C	ACT	10	2.48
Transco Offshore	MU	847	MU	847	G/C	ACT	08	1.72
Transco Offshore	BA	491	BA	491	G/C	ACT	06	0.06
Transco Offshore	BA	399	BA	399	G/C	R/R	06	0.03
Transcontinental	BA	A 76	BA	0538	GAS	ACT	30	30.15
Transcontinental	BA	A 76	BA	0538	GAS	ACT	20	30.10
Transcontinental	MI	620	BA	A 133	GAS	ACT	12	26.60
Transcontinental	MI	669	BA	A 133	GAS	ACT	20	26.55
Transcontinental	GA	255	HI	206	GAS	ACT	12	24.59
Transcontinental	GA	393	BA	A 1	G/C	ACT	20	20.49
Transcontinental	PN	A 42	PN	956	G/C	ACT	20	18.78
Transcontinental	GA	A 131	HI	A 531	GAS	ACT	16	18.55
Transcontinental	BA	538	BA	439	GAS	ACT	30	16.73
Transcontinental	BA	538	BA	439	GAS	ACT	36	16.60
Transcontinental	MU	A 85	BA	A 133	GAS	ACT	24	12.90
Transcontinental	PN	956	PN	924	BLKG	ACT	24	11.96
Transcontinental	BA	A 133	BA	A 76	GAS	ACT	30	11.08
Transcontinental	BA	A 133	BA	A 76	GAS	ACT	20	10.85
Transcontinental	BA	A 1	BA	541	GAS	ACT	20	10.67
Transcontinental	BA	541	BA	538	GAS	ACT	20	9.36
Transcontinental	BA	A 23	BA	A 20	GAS	ACT	12	8.11
Transcontinental	BA	A 20	BA	538	G/C	ACT	24	7.82
Transcontinental	BA	453	BA	474	G/C	ACT	12	7.11
Transcontinental	MU	A 111	MU	A 85	GAS	ACT	20	6.66
Transcontinental	GA	391	GA	393	G/C	ACT	16	6.03
Transcontinental	BA	A 39	BA	A 22	G/C	ACT	12	4.86
Transcontinental	BA	A 70	BA	A 76	GAS	ACT	16	3.93
Transcontinental	BA	A 132	BA	A 104	GAS	R/A	08	3.92
Transcontinental	GA	223	GA	240	GAS	ACT	06	3.88
Transcontinental	PN	967	PN	956	G/C	ACT	10	3.82
Transcontinental	BA	504	BA	A 1	G/C	ACT	10	3.05
Transcontinental	BA	A 7	BA	541	GAS	ACT	12	2.94
Transcontinental	BA	437	BA	438	G/C	ACT	08	2.75
Transcontinental	MU	757	MU	762	BLKG	ACT	08	2.71
Transcontinental	BA	A 19	BA	A 20	G/C	ACT	24	2.70
Transcontinental	MU	762	MU	758	G/C	ACT	12	2.58
Transcontinental	BA	A 133	BA	A 133	G/C	ACT	20	1.93
Transcontinental	MI	668	MI	669	G/O	ACT	16	1.59
Transcontinental	GA	393	GA	393	G/C	ACT	12	1.26
Transcontinental	BA	A 20	BA	A 19	BLKG	PABN	10	1.01
Transcontinental	BA	A 23	BA	A 23	G/C	ABN	06	1.00
Transcontinental	BA	A 23	BA	A 23	GAS	PABN	08	0.98
Transcontinental	BA	437	BA	0452	G/C	ACT	08	0.88
Transcontinental	BA	437	BA	437	G/C	ACT	06	0.72
Transcontinental	MI	A 7	MI	A 7	GAS	ACT	10	0.72
Transcontinental	GA	A 131	HI	A 531	GAS	R/C	16	0.57
Transcontinental	GA	A 157	GA	A 157	GAS	R/A	12	0.39
Transcontinental	BA	578	BA	578	G/C	PABN	16	0.35
Transcontinental	BA	541	BA	541	GAS	R/A	20	0.24
Transcontinental	MI	669	MI	669	GAS	ACT	12	0.06
Transcontinental	BA	541	BA	541	GAS	R/R	08	0.06
Transcontinental	BA	A 1	BA	A 1	GAS	R/R	20	0.04
Transcontinental	BA	A 70	BA	A 76	GAS	COMB	16	0.00
Transcontinental	BA	A 133	BA	A 76	GAS	COMB	30	0.00
Transcontinental	BA	A 76	BA	538	GAS	COMB	20	0.00
Transcontinental	BA	A 76	BA	538	G/C	COMB	30	0.00
Transcontinental	BA	A 133	BA	A 76	GAS	COMB	20	0.00
TXO Production	MI	487	MI	487	BLKG	CNCL	04	0.29
Union Exploration	BA	375	BA	376	BLKG	ACT	06	3.40

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Texas (continued)								
Union Oil Company	EB	160	HI	A 582	GAS	ACT	12	13.03
Union Oil Company	EB	159	EB	160	GAS	ACT	08	4.79
Union Oil Company	BA	475	BA	451	BLKG	ACT	04	4.63
Union Oil Company	MI	618	MI	605	G/C	ACT	06	4.28
Union Oil Company	MI	688	MI	699	BLKG	ACT	04	3.69
Union Oil Company	BA	376	BA	366	G/C	ACT	06	3.32
Union Oil Company	MI	670	MI	669	G/C	ACT	06	3.17
Union Oil Company	BA	A 105	BA	A 105	BLKG	ACT	14	1.94
Union Oil Company	BA	A 105	BA	A 105	G/C	ACT	14	1.43
Union Oil Company	MI	701	MI	713	GAS	ACT	04	1.33
Union Oil Company	BA	A 105	BA	A 105	G/C	ACT	08	0.04
Union Pacific	PN	A 58	PN	A 44	G/C	ACT	08	7.57
Union Pacific	BA	A 2	BA	A 2	GAS	ACT	08	0.63
Val Gas L P	MI	487	MI	487	GAS	ACT	08	0.71
Vastar Resources Inc.	MU	789	MU	787	BLKG	ACT	06	6.59
Vastar Resources Inc.	MI	668	MI	685	G/C	ACT	12	5.68
Vastar Resources Inc.	MU	806	MU	787	BLKG	PROP	06	2.69
W & T Offshore	BA	507	BA	541	G/C	ACT	06	5.39
Wacker Oil Inc.	GA	363	GA	343	BLKG	ACT	06	1.62
Wacker Oil Inc.	GA	363	GA	363	BLKG	ACT	04	0.90
Walter Oil and Gas	BA	550	BA	510	GAS	ACT	06	15.48
Walter Oil and Gas	PN	996	PN	967	G/C	ACT	06	13.21
Walter Oil and Gas	GA	350	GA	391	G/C	ACT	08	12.78
Walter Oil and Gas	GA	319	GA	350	BLKG	PROP	04-06	10.51
Walter Oil and Gas	GA	350	GA	389	G/C	CNCL	08	8.84
Walter Oil and Gas	MU	A 124	MU	A 111	BLKG	OUT	04	6.70
Walter Oil and Gas	MU	A 124	MU	A 111	BLKG	ACT	04	6.70
Walter Oil and Gas	BA	365	GA	343	G/C	ACT	06	5.55
Walter Oil and Gas	GA	A 218	HI	A 561	G/C	ACT	06	5.21
Walter Oil and Gas	GA	321	GA	296	BLKG	R/A	06	5.12
Walter Oil and Gas	BA	572	BA	550	G/C	ACT	04	3.90
Walter Oil and Gas	GA	389	GA	391	G/C	R/C	06	3.61
Walter Oil and Gas	MI	699	MI	686	G/C	ACT	06	3.50
Walter Oil and Gas	GA	460	GA	465	G/C	R/A	04	3.22
Walter Oil and Gas	GA	351	GA	350	BLKG	OUT	03	3.14
Walter Oil and Gas	GA	350	GA	350	BLKG	OUT	03	3.04
Walter Oil and Gas	GA	350	GA	350	BLKG	CNCL	03	3.03
Walter Oil and Gas	BA	449	BA	450	G/C	CNCL	04	3.01
Walter Oil and Gas	GA	319	GA	319	BLKG	O/C	04-06	2.40
Walter Oil and Gas	MI	565	MI	565	BLKG	ABN	06	2.33
Walter Oil and Gas	BA	341	BA	365	BLKG	PROP	06	2.31
Walter Oil and Gas	GA	390	GA	391	G/C	ACT	06	1.99
Walter Oil and Gas	BA	583	BA	572	BLKG	ABN	04	1.98
Walter Oil and Gas	GA	239	GA	239	BLKG	PABN	04	1.93
Walter Oil and Gas	GA	350	GA	350	BLKG	ACT	03	1.79
Walter Oil and Gas	GA	350	GA	350	BLKG	ACT	03	1.79
Walter Oil and Gas	GA	239	GA	239	G/C	ACT	06	1.75
Walter Oil and Gas	GA	288	GA	288	G/C	ACT	04	1.61
Walter Oil and Gas	GA	385	GA	385	BLKG	ABN	04	1.54
Walter Oil and Gas	MI	565	MI	565	G/C	CNCL	08	1.05
Walter Oil and Gas	GA	351	GA	350	BLKG	A/C	03	0.18
Walter Oil and Gas	MI	565	MI	565	BLKG	ABN	03	0.11
Walter Oil and Gas	MI	565	MI	565	G/C	OUT	06	0.09
Walter Oil and Gas	GA	385	GA	385	G/C	CNCL	04	0.09
Zapata Exploration	EB	110	HI	A 582	GAS	ACT	10	30.79
Zilkha Energy	GA	A 50	GA	385	G/C	ACT	06	17.70
Eastern Gulf								
Apache Corporation	MO	947	MO	990	BLKG	ACT	06	6.68
Apache Corporation	MO	945	MO	990	BLKG	ACT	04	5.92
Apache Corporation	MO	990	MO	944	G/C	ACT	08	5.67
Chandeleur Pipeline	MO	861	MO	902	GAS	ACT	12	11.34
Chevron Pipe Line	MO	908	MO	864	GAS	PROP	12	3.74
Chevron Pipe Line	MO	864	MO	821	GAS	PROP	12	2.51
Chevron USA	MO	908	MO	861	GAS	ACT	12	7.55

Gas Pipeline Segments in Gulf of Mexico Federal Waters

Operator	Origin		Destination		Type Gas	Status	Diam (in.)	Length (miles)
	Area	Block	Area	Block				
Eastern Gulf (continued)								
Chevron USA	MO	864	MO	863	SPLY	PROP	02	5.21
Chevron USA	MO	863	MO	864	BLKG	PROP	06	5.21
Chevron USA	MO	916	MO	872	SPLY	PROP	02	4.32
Chevron USA	MO	872	MO	916	BLKG	PROP	06	4.32
Chevron USA	MO	861	MO	904	BLKG	ACT	06	4.31
Chevron USA	MO	904	MO	861	SPLY	ACT	02	4.31
Chevron USA	MO	863	MO	864	BLKG	ACT	04	3.32
Chevron USA	MO	916	MO	917	SPLY	ACT	02	2.20
Chevron USA	MO	917	MO	916	BLKG	ACT	06	2.20
Chevron USA	MO	864	MO	820	SPLY	PROP	02	1.58
Chevron USA	MO	820	MO	864	BLKG	PROP	06	1.58
Chevron USA	MO	908	MO	864	BLKG	ACT	06	1.04
Chevron USA	MO	861	MO	861	GAS	CNCL	08	0.50
Chevron USA	MO	861	MO	861	GAS	CNCL	08	0.47
Chevron USA	MO	861	MO	861	GAS	CNCL	08	0.38
Chevron USA	MO	861	MO	861	GAS	CNCL	08	0.31
Dauphin Island Gathering Syst.	MO	914	MO	822	G/C	ACT	20	15.23
Dauphin Island Gathering Syst.	MO	916	MO	914	G/C	ACT	20	6.34
Dauphin Island Gathering Syst.	MO	914	MO	914	G/C	ACT	08	2.41
Dauphin Island Gathering Syst.	MO	959	MO	915	G/C	PROP e/	20	2.17
Dauphin Island Gathering Syst.	MO	822	MO	822	G/C	ACT	08	1.09
Dauphin Island Gathering Syst.	MO	822	MO	822	G/C	PROP e/	12	0.93
Dauphin Island Gathering Syst.	MO	822	MO	822	G/C	PROP e/	12	0.91
Dauphin Island Gathering Syst.	MO	821	MO	821	GAS	ACT	12	0.76
Dauphin Island Gathering Syst.	MO	870	MO	870	G/C	ACT	08	0.13
Dauphin Island Gathering Syst.	MO	f/	MO	f/	G/C	PROP e/	08-12	12.00
Dauphin Island Gathering Syst.	MO	f/	MO	f/	G/C	PROP e/	20	4.00
Enron & Chieftan Intl. a/	MO	870	MO	870	BLKG	ACT	04	0.51
Exxon Corp	MO	827	MO	827	BLKG	ACT	04	0.23
Exxon Corp	MO	868	MO	868	BLKG	PROP	04	0.10
Mobil Oil Expl.	MO	869	MO	823	BLKG	PROP	05	6.15
Mobil Oil Expl.	MO	823	MO	869	SPLY	PROP	03	6.15
Mobil Oil Expl.	MO	823	MO	823	GAS	PROP	08	0.87
Mobil Oil Expl.	MO	823	MO	823	GAS	ACT	10	0.49
Mobil Oil Expl.	MO	823	MO	823	GAS	ACT	20	0.49
Mobil Oil Expl.	MO	823	MO	823	SPLY	ACT	06	0.48
Mobil Oil Expl.	MO	823	MO	823	GAS	ACT	08	0.48
Murphy Exploration	MO	955	MO	864	BLKG	ACT	06	13.28
Murphy Exploration	MO	952	MO	952	BLKG	ACT	04	1.05
Murphy Exploration	MO	953	MO	952	BLKG	ACT	04	1.05
OEDC	MO	865	MO	822	BLKG	ACT	08	4.21
OEDC	MO	960	MO	959	BLKG	PROP	10	3.07
OEDC	MO	822	MO	822	BLKG	PROP	04	0.54
Offshore Energy	MO	822	MO	821	G/C	CNCL	08	1.95
Offshore Energy	MO	822	MO	822	BLKG	ACT	04	1.12
Offshore Energy	MO	822	MO	822	BLKG	ACT	04	1.08
Union Oil Company	MO	915	MO	916	BLKG	ACT	04	4.94
Union Oil Company	MO	961	MO	916	BLKG	ACT	04	2.84
Union Oil Company	MO	916	MO	916	SPLY	ACT	02	1.40
Union Oil Company	MO	916	MO	916	BLKG	ACT	06	1.40
Union Oil Company	MO	904	MO	904	GAS	ACT	10	0.96

a/ Formerly Santa Fe Minerals, Inc.

b/ Formerly Torch Operating Co.

c/ Formerly Aquila Energy Corp.

d/ Formerly Seagull

e/ Segment has been constructed

f/ Various blocks

Source: MMS, Segment Data

Schedule 5

LEGEND OF CODES USED IN SCHEDULE 5

<u>CODE</u>	<u>AREA NAME</u>	<u>CODE</u>	<u>AREA NAME</u>
BM	BAY MARCHAND AREA	MU	MUSTANG ISLAND AREA
BA	BRAZOS AREA	PN	NORTH PADRE ISLAND AREA
BS	BRETON SOUND AREA	SA	SABINE PASS (LA)
CA	CHANDELEUR AREA	SX	SABINE PASS (TX)
EC	EAST CAMERON AREA	SS	SHIP SHOAL AREA
EI	EUGENE ISLAND AREA	SM	SOUTH MARSH ISLAND AREA
GA	GALVESTON AREA	SP	SOUTH PASS AREA
GI	GRAND ISLE AREA	ST	SOUTH TIMBALIER AREA
HI	HIGH ISLAND AREA	VR	VERMILION AREA
MP	MAIN PASS AREA	WC	WEST CAMERON AREA
MI	MATAGORDA ISLAND	WD	WEST DELTA AREA
MO	MOBILE		

**GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
EASTERN LOUISIANA**

<u>Owner/ Operator</u>	<u>Origin Block</u>		<u>Destination Block</u>		<u>Diameter (Inches)</u>	<u>Distance (Miles)</u>
	<u>Area</u>	<u>Block No.</u>	<u>Area</u>	<u>Block No.</u>		
Arco	SP	6	SP	6	10	4.50
Arco	SP	6	SP	6	10	1.50
Century Offshore	BS	52	BS	53	4	1.50
Chandeleur	BS	42	BS	26	12	6.50
Chandeleur	CA	15	CA	5	12	7.00
Chandeleur	MO	86	MO	79	12	3.50
Chevron	WD	26	WD	26	22	0.75
Chevron	SP	27	SP	25	8	3.50
Chevron	WD	24	WD	24	20-26	2.00
Chevron	WD	22	WD	24	26	6.00
Pennzoil	MP	55	MP	85	18	6.00
Southern Natural	SP	29	SP	10	16	9.00
Southern Natural	WD	18	WD	3	18	8.50
Southern Natural	WD	20	WD	3	12	9.00
Southern Natural	MP	55	MP	54	26	5.25
Southern Natural	MP	68	MP	83	16	7.25
Southern Natural	WD	26	WD	26	20	0.75
Tennessee	SP	42	SP	26	6	3.25
Tennessee	SP	39	SP	26	12	4.00
Tennessee	WD	54	WD	54	10	2.00
Tennessee	WD	84	WD	83	4	5.50
Tennessee	WD	26	WD	26	30	0.75
Tennessee	WD	16	WD	2	20	9.75
Tennessee	WD	56	WD	51	12	8.00
Tennessee	WD	16	WD	2	24	10.00
Tennessee	SP	38	SP	26	36	3.75
Tennessee	MP	81	MP	81	10	4.50
Tennessee	WD	26	WD	26	24	0.75
Tennessee	SP	21	SP	10	8	7.00
Tennessee	WD	20	WD	7	12	6.00
Texaco	SP	23	SP	12	6	3.00
Texas Eastern	MP	44	MP	54	24	5.00
Texas Eastern	BS	52	BS	53	10	1.00
Transco	MP	7	MP	6	8	4.75

Total Miles

161.50

Source: Foster Associates, Inc.

GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
CENTRAL LOUISIANA

Owner/ Operator	Origin Block		Destination Block		Diameter (Inches)	Distance (Miles)
	Area	Block No.	Area	Block No.		
ANR	EI	34	EI	14	20-30	5.00
ANR	GI	25	GI	14	8	2.50
Chevron	ST	18	ST	15	12	6.75
Exxon	GI	16	GI	16	8	1.25
Exxon	GI	17	GI	18	6	4.50
Exxon	GI	18	GI	9	6	4.00
Exxon	GI	15	GI	6	12	7.50
Exxon	GI	9	GI	18	6	2.75
Exxon	GI	18	GI	6	6	7.50
Exxon	GI	19	GI	4	12	7.00
Exxon	GI	18	GI	18	10	1.25
Koch Gateway	EI	19	EI	13	20	6.00
Koch Gateway	ST	21	ST	15	12	5.50
L.I.G.C.	BM	5	BM	5	24	2.00
Maxus	GI	25	GI	25	10	0.25
Quivira	EI	11	EL	14	12	9.00
Sea Robin	SM	209	Onshore		36	3.50
Tennessee	EI	18	EI	14	10	3.00
Tennessee	BM	3	BM	3	6	0.75
Tennessee	BM	5	BM	5	16	1.50
Tennessee	BM	4	BM	5	16	3.00
Tennessee	BM	5	ST	15	12	5.00
Tennessee	SS	66	SS	42	26-36	4.50
Tennessee	BM	5	BM	5	16	2.00
Tennessee	ST	19	ST	15	20	4.50
Texaco	EI	5	Rabbit Island		24	11.00
Texaco	SM	208	Onshore		30	4.75
Texaco	SM	226	EI	8	8	6.00
Texaco	SM	208	EI	5	20	20.75
Texas Gas	SS	25	SS	19	16	4.50
Texas Gas	SS	23	SS	25	10	1.00
Texas Gas	SS	22	SS	19	10	5.25
Texas Gas	SS	9	SS	8	8	3.50
Texas Gas	SS	23	SS	25	10	1.00
Texas Gas	SS	41	SS	19	16	9.00
Transco	SS	65	SS	67	8	5.00
Transco	SS	65	SS	25	26	10.00
Transco	SS	9	SS	3	24	4.00
Transco	SS	25	SS	19	30	5.00
Transco	SS	9	SS	5	20	3.00
Transco	SS	7	SS	5	16-20	3.00
Trunkline	EI	35	EI	16	24	4.75
Trunkline	SS	64	SS	25	30	13.00

Total Miles

215.00

Source: Foster Associates, Inc.

**GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
WESTERN LOUISIANA**

<u>Owner/ Operator</u>	<u>Origin Block</u>		<u>Destination Block</u>		<u>Diameter (Inches)</u>	<u>Distance (Miles)</u>
	<u>Area</u>	<u>Block No.</u>	<u>Area</u>	<u>Block No.</u>		
Amoco	VR	15	VR	7	20	3.75
Amoco	VR	15	VR	7	14	3.00
ANR	WC	22	WC	9	6	3.25
ANR	WC	29	WC	2	10	3.00
ANR	WC	49	WC	13	10	8.00
ANR	WC	33	WC	32	30	3.25
Chevron	SA	48	SA	15	16	4.50
Chevron	SA	48	SA	13	10	4.50
Chevron	WC	18	WC	16	18	8.50
Columbia Gulf	EC	17	EC	6	12	3.25
Columbia Gulf	EC	17	EC	6	16	3.00
LA Resources	EC	4	EC	4	8	1.75
Mobil	EC	9	EC	7	16	5.25
Mobil	VR	19	VR	2	8-10	3.25
Mobil	WC	20	WC	12	6	3.25
Natural Gas PL	WC	21	WC	11	36	4.00
Southern Natural	EC	16	EC	6	12	3.75
Tenn Blue Water	VR	15	VR	7	36	3.75
Tennessee	EC	2	EC	1	26	3.25
Tennessee	WC	19	WC	12	30	3.50
Tennessee	VR	12	Onshore	9	12-16	3.50
Tennessee	VR	28	VR	12	6	3.50
Tennessee	SX	18	WC	12	24	20.00
Tennessee	EC	3	EC	1	26	4.50
Tennessee	VR	27	Onshore	7	16	3.75
Tennessee	WC	33	EC	1	20	3.00
Tennessee	VR	27	VR	7	16	4.25
Tennessee	EC	17	EC	6	16	3.50
Texas Eastern	WC	33	WC	32	30	3.50
Texas Gas	EC	2	EC	1	12	3.25
Texas Gas	VR	11	Onshore	10	20	4.00
Texas Gas	EC	9	EC	1	12	8.25
Tidal	WC	19	WC	12	16	3.25
Transco	WC	20	WC	11	16	3.25
Transco	VR	16	VR	6	12	4.25
Transco	WC	21	WC	11	4	5.00
Transco	VR	15	VR	6	16-20	4.00
Transco	WC	24	WC	8	16	6.25
Trunkline	WC	34	WC	32	12	3.25
UTOS	WC	19	WC	12	42	3.25

Total Miles

177.25

Source: Foster Associates, Inc.

**GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
TEXAS**

Owner/ Operator	Origin Block		Destination Block		Diameter (Inches)	Distance (Miles)
	Area	Block No.	Area	Block No.		
American	MI	563	MI	628 SL	8	11.50
Arco	MI	591	MI	564	6	2.50
Arco	HI	7	HI	66 SL	8	4.00
Black Marlin	HI	98	HI	194 SL	16	17.00
Blue Dolphin	GA	274	GA	355 SL	20	15.00
Cove	BA	405	BA	519	8	8.50
Cove	BA	409	BA	405	6	5.25
Cove	BA	440	BA	439	12	4.00
Cove	BA	446	BA	519 SL	10	11.00
Cove	MI	487	BA	446	12	8.00
Cove	MI	485	MI	487	12	5.00
Cove	BA	446	BA	446	12	1.75
El Paso	MU	818	MU	818	6	1.00
El Paso	MU	820	MU	819	6	1.00
El Paso	MU	942	MU	942	6	0.25
El Paso	MU	818	MU	975 SL	20	15.00
El Paso	MU	926 SL	MU	818	6	3.50
Energy Research	MU	747	MU	885 SL	6	9.00
Florida Gas	BA	367	BA	340	4	3.75
Florida Gas	BA	340	BA	436 SL	10	10.00
Florida Gas	MU	904 SL	MU	901 SL	6	3.50
High Island PL	GA	102	GA	100	8	4.75
High Island PL	GA	100	GA	100	10	1.25
High Island PL	GA	176 SL	HI	155 SL	8	3.00
High Island PL	HI	35	HI	30	6	6.25
HNG	MI	660	MI	628	10	7.00
Houston PL	PS	1064	MU	980 SL	20	59.00
Houston PL	BA	335	GA	334	4	3.00
Houston PL	GA	310	GA	334	4	2.00
Houston PL	GA	310	GA	377 SL	8	9.50
Houston PL	MU	881	MU	881	10	2.00
Houston PL	GA	278	GA	345 SL	8	5.00
Houston PL	BA	335	BA	379 SL	8	11.50
Houston PL	PS	1064	PS	1064	20	0.25
Houston PL	MI	520	MI	577 SL	20	9.00
Houston PL	MU	881	MU	881	4	1.00
Koch	MU	749	MU	885 SL	6	8.50
Koch Gateway	MU	773	MU	986 SL	8	6.75
Midcon Texas	GA	102	GA	194 SL	10	6.50
Midcon Texas	HI	30	HI	65 SL	12	9.00
Midcon Texas	HI	24	HI	24	12	2.00
Midcon Texas	HI	24	HI	66 SL	16	6.50
MIGS	MU	798	MU	794	16	3.00

**GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
TEXAS**

Owner/ Operator	Origin Block		Destination Block		Diameter (Inches)	Distance (Miles)
	Area	Block No.	Area	Block No.		
MIGS	MU	794	MU	923 SL	20	9.50
MIGS	MU	775	MU	794	12	5.50
Mitco	GA	213	GA	214	6	5.00
Mobil	GA	386 SL	GA	377 SL	10	4.25
Mobil	PS	1048	PS	1066	4	5.00
Mobil	PS	1048	PS	1066	4	4.25
Mobil	PS	1047	PS	1066	4	2.75
Mobil	PS	1066	PS	1138 SL	8	5.50
Natural Gas PL	HI	11	HI	7 SL	16	10.00
Natural Gas PL	BA	439	BA	439	4	1.00
Northern Natural	Panther Reef		Tivoli		24	22.00
Northern Natural	Tivoli		Seadrift		6	1.30
Northern Natural	MI	631	MI	658	10	4.00
Northern Natural	Florida Gas		Koch Gateway		24	8.50
Northern Natural	MI	665	MI	715 SL	24	18.00
Northern Natural	Koch Gateway		Natural Gas PL		24	2.50
Phillips	MI	701 SL	MI	718 SL	6	2.00
Phillips	MU	775	MU	749	6	6.00
Phillips	MI	628	MI	726 SL	10	5.00
Phillips	MI	662	MI	659	4	0.25
Phillips	MI	708 SL	MI	721 SL	6	1.25
Phillips	MI	722 SL	MI	721 SL	6	0.25
Phillips	MI	721 SL	MI	727 SL	10	6.75
Sea Rim	HI	13	HI	7	14	11.00
Shoreline (Tejas Power) a/	MI	707 SL	MI	577 SL	24	31.00
Superior	MI	487	MI	487	8	1.25
Superior	MI	483	MI	582 SL	3	4.25
Superior	MI	487	MI	582 SL	6	5.50
Tejas Power	MI	829 SL	MI	831 SL	4	2.00
Tejas Power	MU	888 SL	MU	886 SL	6	2.25
Tejas Power	MI	721	MI	831 SL	8	5.75
Tejas Power	GA	228 SL	GA	243 SL	6	5.00
Tejas Power	MI	702 SL	MI	718 SL	6	2.00
Tejas Power	GA	334	BA	365 SL	16	12.00
Tejas Power	MU	794	MU	774	6	3.00
Tejas Power a/	GA	214	GA	243 SL	6	11.00
Tejas Power a/	BA	340	BA	436 SL	8	6.00
Tejas Power a/	MI	625	MI	707 SL	24	5.75
Tejas Power a/	GA	104	GA	182 SL	10	7.50
Tejas Power a/	BA	366	BA	340	6	2.00
Tejas Power a/	GA	156	GA	182	8	3.00
Tejas Power a/	BA	445	BA	527 SL	6	0.75
Tejas Power a/	MI	485	MI	485	6	2.00

**GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
TEXAS**

Owner/ Operator	Origin Block		Destination Block		Diameter (Inches)	Distance (Miles)
	Area	Block No.	Area	Block No.		
Tejas Power a/	MI	485	MI	520	4	2.50
Tejas Power a/	HI	98	GA	182 SL	8	9.50
Tejas Power a/	MI	564	MI	653 SL	12	6.75
Tejas Power a/	GA	102	GA	182 SL	10	4.25
Tejas Power a/	HI	30	HI	24	8	6.50
Tejas Power a/	GA	182 SL	HI	65 SL	20	30.00
Tejas Power b/	MI	526	MI	526	10	0.75
Tejas Power b/	MI	520	MI	520	10	2.75
Tejas Power b/	MI	520	MI	577 SL	20	9.00
Tejas Power b/	MI	526	MI	520	16	15.00
Tejas Power b/	MI	526	MI	526	16	2.00
Tejas Power (El Gordo) c/	MI	519	MI	520	6	5.00
Tennessee	SX	18	SX	18	10	1.50
Tennessee	MU	797	MU	794	6	1.75
Tennessee	HI	19	SX	18	12	4.50
Tennessee	MU	774	MU	986 SL	8	7.50
Texas Eastern	MI	596	MI	721 SL	6	2.25
Texcol	BA	368	BA	420 SL	8	10.50
Texcol	BA	369	BA	368	6	0.50
Texcol	BA	374	BA	369	6	4.75
Tomcat	MI	565	MI	558	16	1.72
Tomcat	MI	565	MI	558	14	1.00
Tomcat	MI	558	MI	558	4	2.75
Tomcat	MI	558	MI	628 SL	20	11.00
Tomcat	MI	565	MI	558	16	1.25
Transco	BA	438	BA	438	8	0.25
Transco	BA	439	BA	504 SL	30-36	10.00
Transco	BA	409	BA	439	6	4.50
Transco (NHIS)	HI	10	HI	5 SL	24	11.00
Transco (NHIS)	HI	23	HI	10	16	7.00
Transco (PIPS)	PN	924	MU	1023 SL	24	14.50
Valero Trans.	BA	440	BA	440	8	2.50
Valero Trans.	BA	519 SL	BA	513 SL	20	2.00
Valero Trans.	BA	441	BA	440	6	1.75
Valero Trans.	BA	440	BA	519 SL	8	5.00
Valero Trans.	BA	441	BA	440	6	0.50
Walter	MI	562	MI	565	6	7.00
Total Miles						771.77

a/ Formerly Seagull.

b/ Formerly Cavallo Intrastate Pipeline.

c/ Formerly El Gordo System of Houston Pipeline.

Source: Foster Associates, Inc.

**GAS PIPELINE SEGMENTS IN GULF OF MEXICO STATE WATERS
ALABAMA**

<u>Owner/ Operator</u>	<u>Origin Block</u>		<u>Destination Block</u>		<u>Diameter (Inches)</u>	<u>Distance (Miles)</u>
	<u>Area</u>	<u>Block No.</u>	<u>Area</u>	<u>Block No.</u>		
Dauphin Island	Mobile	110	Mobile	90	4	1.5
Dauphin Island	Mobile	91	Mobile	110	4	1.25
Dauphin Island	Mobile	NA	Onshore Lease	NA	20	5.00
Dauphin Island	Mobile	NA	State Leases	NA	8-12	9.00
Exxon	Mobile	115	Mobile	115	4	0.75
Exxon	Mobile	112	Mobile	94	24	5.00
Exxon	Mobile	111	Mobile	112	4	1.75
Exxon	Mobile	115	Mobile	112	16	10.00
Exxon	Mobile	114	Mobile	115	4	4.00
Exxon	Mobile	112	Mobile	112	4	2.00
Mobil	Mobile	111	Mobile	112	8	1.75
Mobil	Mobile	94	Mobile	94	16-20	1.25
Mobil	Mobile	111	Mobile	94	10-20	5.75
OEDC	Mobile	110	Mobile	91	12-12	3.25
OEDC	Mobile	109	Mobile	90	12	3.75
Shell	Mobile	132	Mobile	94	6-12-16	5.00
Total Miles						61.00

Source: Foster Associates, Inc.

